



INDOOR
LIGHTING

simon

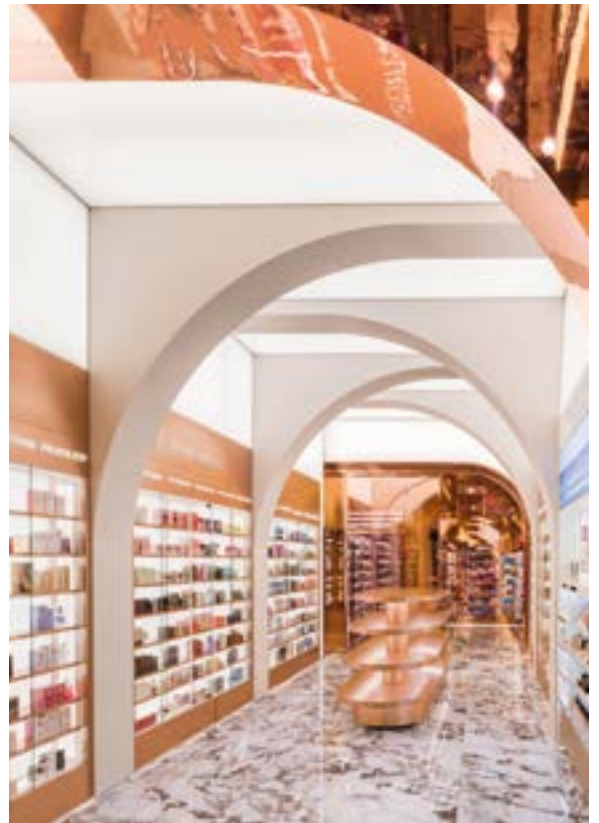


INDOOR
LIGHTING



INDOOR LIGHTING

Our indoor lighting collections allow light to become part of the architecture, create moods, unique atmospheres and add emotion to spaces, adapting them to the needs of their inhabitants. Solutions that inspire professionals who work with light, enhancing their creativity and imagination during the concept and design process.

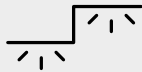


Flagship Primor Callao Madrid / Studio: WANNA / www.wannarockyou.com / Photographer: Javier de Paz García



A WIDE RANGE OF
POSSIBILITIES

From options for general or complementary lighting to other types of luminaires that shape different environments or lighting atmospheres, as well as decorative and accent lighting.



Lighting systems

Systems to dim and control the luminaire network comfortably and efficiently.



Downlights

Uniform light that is perfectly homogeneous, filling all corners of the room, making them perfect for general indoor lighting.



Spotlight luminaires

Both for general indoor lighting and accent lighting. We can use them to highlight elements and areas by dimming the light.



Wall-ceiling luminaires

Endless alternatives to light ceilings and walls, for both general and complementary lighting.



Modular ceiling luminaires

The perfect choice for spaces with false ceilings where you want to extend or modify the modules as you please.



Industrial luminaires

Intense light source for general lighting, especially in the industrial sector and other large commercial warehouses, particularly for high ceilings.

COMPATIBLE

DIMMERS

Family of compatible dimmers for all Simon indoor lighting products.

Dimmers and light controllers are essential when you want to create an attractive and energy-efficient lighting environment. A single luminaire with a dimmer is an ideal way to distinguish different:



DALI

DALI / DALI-2: (Digital Addressing Light Interface) Standard digital dimming protocol that ensures compatibility between devices from different manufacturers (with DALI / DALI-2 control systems) and facilitates connectivity between them.



1-10V

1-10V: Analog dimming protocol for controlling LEDs by varying a continuous signal from 1 to 10V.



PWM

PWM: (Pulse-Width Modulation) Dimming method for LED strips that varies the width of the signal pulses to control the luminous intensity.

**INTELLIGENT
CONTROL**



The Simon iO platform makes it possible to convert traditional mechanisms into connective ones without the need for additional cables. Using wireless technologies such as WiFi or Zwave, we can unify control and transform lighting in spaces.



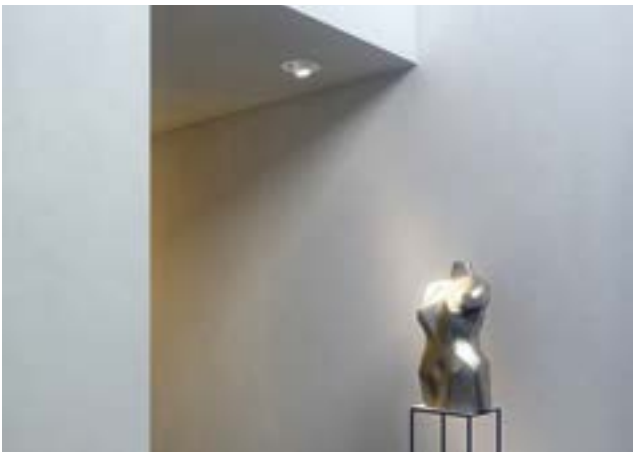
DIM THE LIGHTS

Control and dim the light easily and directly using the Simon interfaces. No need for additional elements or modification of the installation. Compatible with all inter-device communication technology.

DIGITIZE YOUR LIGHT

The Simon iO app can be used to control the light intensity, set On and Off times, and create scenes adapted to experiences. A simple way to digitise and transform your spaces.





VARIOUS APPLICATIONS

Due to their versatility and the large amount of ranges and options available, they are a common solution for schools and all sorts of educational centres, health care centres, restaurants, hotels, residences, commercial premises, offices and art galleries or museums.

Among the indoor luminaires that aim to accentuate, nuance, contour or highlight specific elements and areas, you'll find solutions for shelves, receptions, glass cabinets, halls and any corner or element that complements the general lighting.

And of course, there are many solutions for homes too. Luminaires that, together, offer the possibility of creating more functional indoor lighting systems, as well as offering a more modern design full of nuances.

And, although intended for indoor lighting, some of these luminaires can also be installed in certain outdoor areas, for example on terraces or porches, especially if they are covered.





WORKPLACES

Our solutions are custom made to meet the needs of a new kind of work space. Environments focused on well-being that aren't just functional, but healthy and stimulating; with the flexibility and comfort required in the modern workplace.

RETAIL

Retail spaces are important communication elements that help create a certain culture or brand identity. They're physical points of emotional connection with the client that turn the shopping experience into a sensory emotional experience.



Flagship Primor Callao Madrid / Studio: WANNA / www.wannarockyou.com / Photographer: Javier de Paz García



RICARD VILA / SIA LLEIDA / ©alvarovaldecantos

HOSPITALITY

The mechanisms, connectivity, lighting and control collections allow us to design custom global solutions, adapted to different areas and their uses. They contribute to the design and boost the appeal of all sorts of hospitality spaces, such as hotels, restaurants, bars, cafeterias, etc.





HOME

Each home shines a unique light. Personalised environments adapted to you and yours. Cosy spaces that create an atmosphere of well-being in comfortable, connected spaces, which are full of experiences that fill our lives with emotion.

INDEX



LIGHTING SYSTEMS



DOWNLIGHTS



SLIM & DROP

22



860

32



810

40



ARCH

80



HOLE

88



703

104



704

110



800

116



725

124



715

130



640

134



SPOTLIGHTS



POINT
142



615
148



640
154



740
160



899 RAIL
168 48 Vdc / 3-PHASE



WALL AND CEILING LUMINAIRES



LOOP
176



MOOD
180



SLIM
190



707
196



717
202



835
204



MODULAR CEILING
LUMINAIRES



720 & 720 BIO
214



726
224



INDUSTRIAL LUMINAIRES



816
234



716
240



780
244



880
248



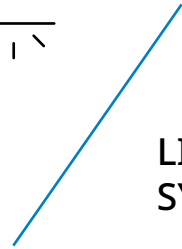
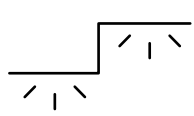
X-LESS INSTALLATION
SYSTEM

252

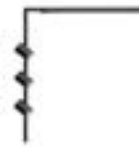
TECHNICAL
INFORMATION

260





LIGHTING SYSTEMS



SLIM & DROP

22



860

32



810

40

Simon | SLIM&DROP

Lighting
Systems

It goes unnoticed, but gets noticed. Slim & Drop fills the space with luminosity and geometry.

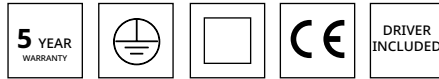
Structural lines and focal points are combined with freedom of form, light and atmosphere. The Simon Drop spotlights focus on the highlights, while the light from Simon Slim System fills the space in three dimensions.

Versatile, flexible and personal — it dresses up any corner with light.

Designed by Josep Llusçà for Simon.



SLIM SYSTEM



DROP



DIMENSIONS AND FASTENING SYSTEMS

Dimensions*

Installation Suspended/Ceiling/Wall

*See table of article numbers on page 28

Dimensions*

Installation Suspended/Ceiling/Wall

*See table of article numbers on page 28

PHYSICAL CHARACTERISTICS AND MATERIALS

IP 20

Body material Aluminium

Diffuser material Polycarbonate

Orientation 360° horizontal

Finishes ○ White 00 ● Black 88

IP 20

Body material Aluminium

Diffuser material Aluminium (reflector)

Orientation 360° both axes

Finishes ○ White 00 ● Black 88

TECHNICAL CHARACTERISTICS

Operating temperature 0 to 35 °C

Power 29W - 57W

Actual light flux 2030- 4620 lm

Actual efficiency <107 lm/W

Dimming On Board Dimmer, DALI

Opening angle Symmetrical

Colour Temperature 2700K, 3000K, 4000K

MacAdam ellipses <3-Step MacAdam

IRC >90, R9>50

Light flux maintenance L90 <40,000h at 25°C / L70 >150,000h at 25°C

Service life 50,000 h

Supply voltage 220-240 V / 50-60Hz

Operating temperature 0 to 35 °C

Power DROP MINI: 13.5W / 14.5W | DROP: 19W / 20W

Actual light flux 950 lm - 1500 lm

Actual efficiency <82 lm/W

Dimming On Board Dimmer / DALI

Opening angle 18° / 30° / 45°

Colour Temperature 2700K, 3000K, 4000K

MacAdam ellipses <3-Step MacAdam

IRC >90

Light flux maintenance L90 <40,000h at 25°C / L70 >150,000h at 25°C

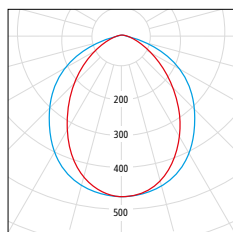
Service life 50,000 h

Supply voltage 220-240 V / 50-60Hz

PHOTOMETRICS

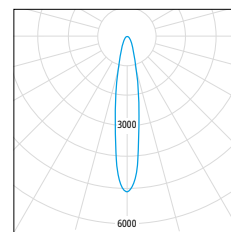
— C0 - C180 — C90 - C270

SYMMETRIC



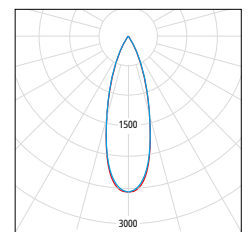
cd/klm n = 100%

SPOT 18°



cd/klm n = 100%

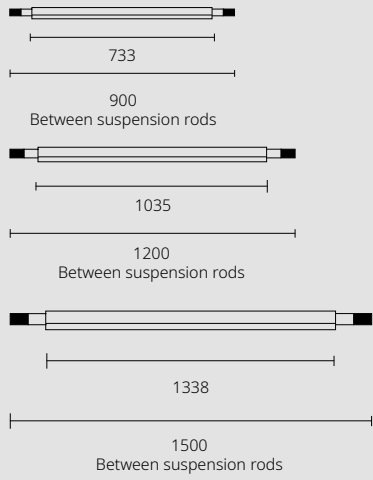
FLOOD 30°



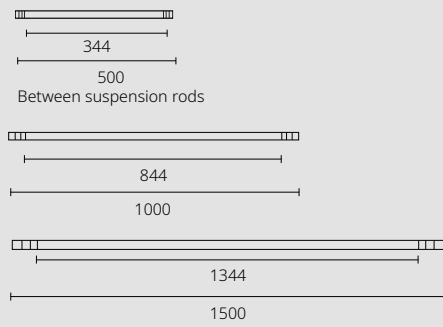
cd/klm n = 100%

PRODUCT COLLECTION

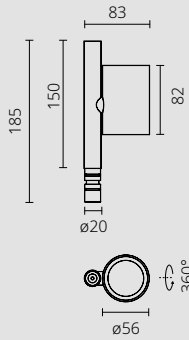
LIGHT MODULES



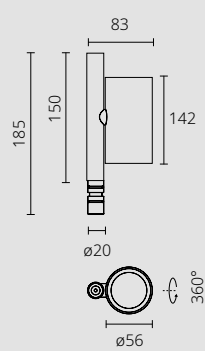
BLIND SECTIONS



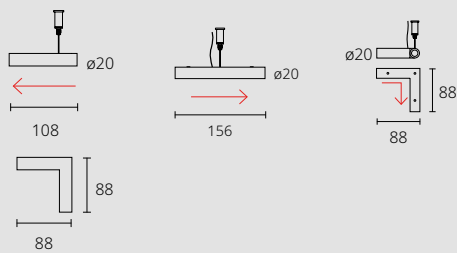
DROP MINI

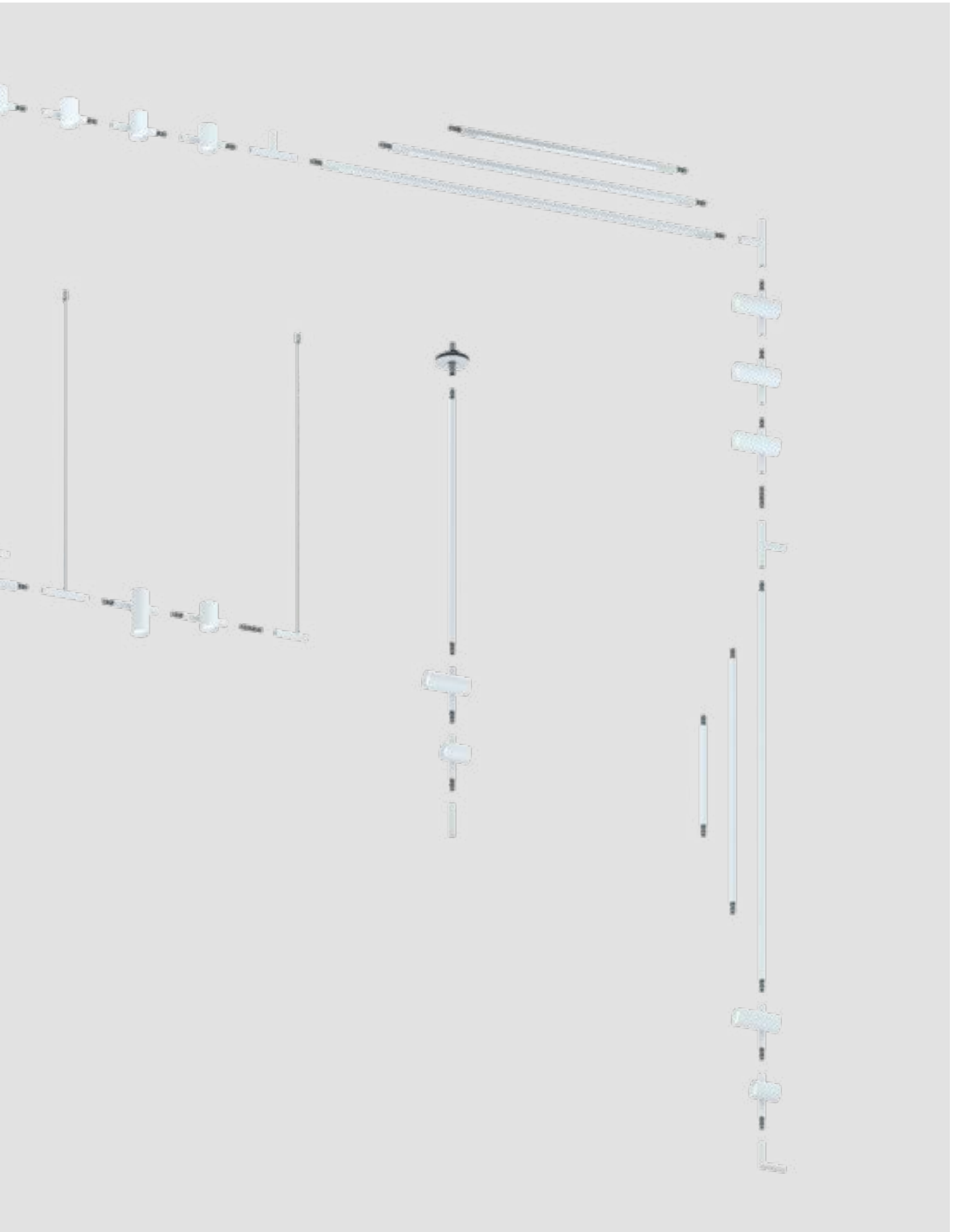


DROP



ACCESSORIES

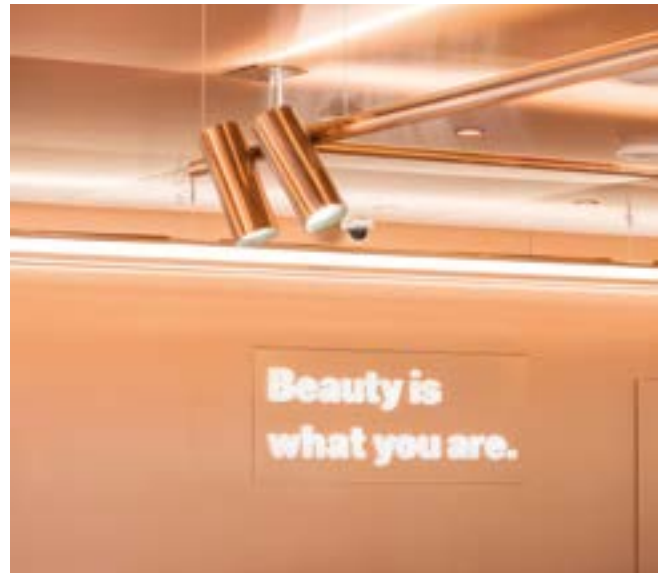






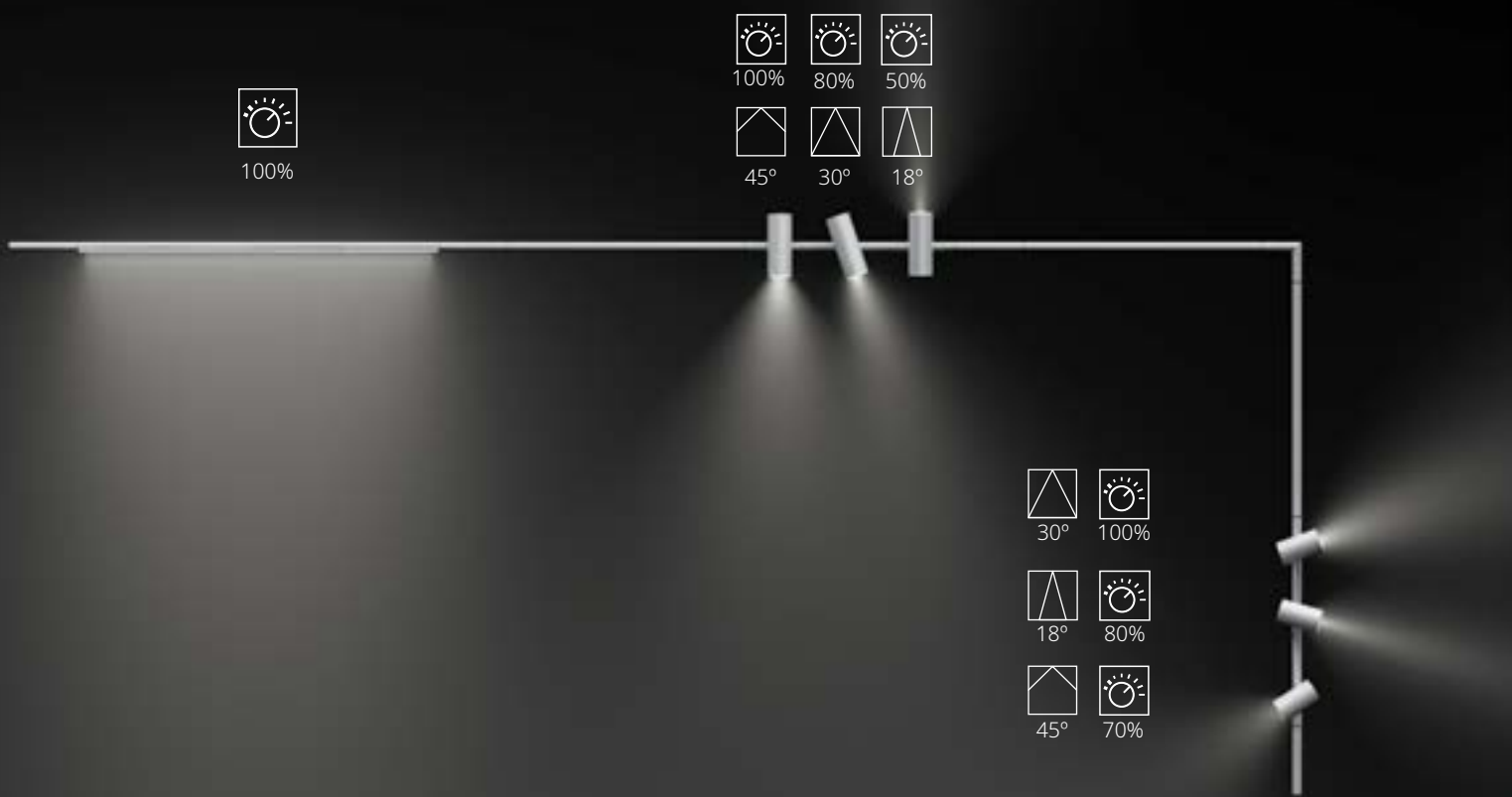
**DROP & SLIM
SYSTEM**

Drop in Slim System, integrated into free-composition structures that combine direct, indirect, uniform and point lighting. Includes blind sections that allow you to move the light to any area or space.



Flagship Primor Callao Madrid / Studio: WANNA / www.wannarockyou.com/
Photographer: Javier de Paz García

CUSTOMISED LIGHT



The modules with diffuse linear light can be combined with spot optics, available with different opening angles, allowing greater precision based on the projection distance and the effect desired

- 2700K
- 3000K
- 4000K

Depending on the context and desired tone, you can choose either warm or cool lighting. Excellent colour rendering (CRI 90) that prevents a distorted perception of colour and texture.

SLIM & DROP

LIGHT MODULES

	ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
	91770605-2**	OBD	Suspension / wall / ceiling	Symmetric	2700	29	2030	70
	91770605-3**	OBD	Suspension / wall / ceiling	Symmetric	3000	29	2180	75
	91770605-4**	OBD	Suspension / wall / ceiling	Symmetric	4000	29	2310	79
	91770305-2**	DALI one-to-one	Suspension / wall / ceiling	Symmetric	2700	30	2030	67
	91770305-3**	DALI one-to-one	Suspension / wall / ceiling	Symmetric	3000	30	2180	72
	91770305-4**	DALI one-to-one	Suspension / wall / ceiling	Symmetric	4000	30	2310	77
	91771605-2**	OBD	Suspension / wall / ceiling	Symmetric	2700	42	3040	72
	91771605-3**	OBD	Suspension / wall / ceiling	Symmetric	3000	42	3270	77
	91771605-4**	OBD	Suspension / wall / ceiling	Symmetric	4000	42	3460	82
	91771305-2**	DALI one-to-one	Suspension / wall / ceiling	Symmetric	2700	43	3040	54
	91771305-3**	DALI one-to-one	Suspension / wall / ceiling	Symmetric	3000	43	3270	58
	91771305-4**	DALI one-to-one	Suspension / wall / ceiling	Symmetric	4000	43	3460	61
	91772605-2**	OBD	Suspension / wall / ceiling	Symmetric	2700	56	4050	94
	91772605-3**	OBD	Suspension / wall / ceiling	Symmetric	3000	56	4360	101
	91772605-4**	OBD	Suspension / wall / ceiling	Symmetric	4000	56	4620	107
	91772305-2**	DALI one-to-one	Suspension / wall / ceiling	Symmetric	2700	57	4050	71
	91772305-3**	DALI one-to-one	Suspension / wall / ceiling	Symmetric	3000	57	4360	76
	91772305-4**	DALI one-to-one	Suspension / wall / ceiling	Symmetric	4000	57	4620	81

BLIND SECTIONS

	ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)
	91899004-0**	No continuity	Suspension / wall / ceiling	-	-	-	-
	91899104-0**	OBD	Suspension / wall / ceiling	-	-	-	-
	91899204-0**	DALI	Suspension / wall / ceiling	-	-	-	-
	91899005-0**	No continuity	Suspension / wall / ceiling	-	-	-	-
	91899105-0**	OBD	Suspension / wall / ceiling	-	-	-	-
	91899205-0**	DALI	Suspension / wall / ceiling	-	-	-	-
	91899006-0**	No continuity	Suspension / wall / ceiling	-	-	-	-
	91899106-0**	OBD	Suspension / wall / ceiling	-	-	-	-
	91899206-0**	DALI	Suspension / wall / ceiling	-	-	-	-

DROP MINI

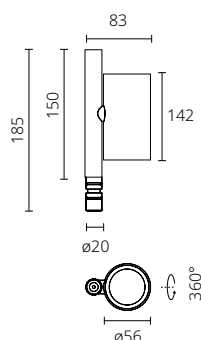
	ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
	91891611-2**	OBD	Suspension / wall / ceiling	Spot 18°	2700	13.5	1000	< 74
	91891611-3**	OBD	Suspension / wall / ceiling	Spot 18°	3000	13.5	1050	< 77
	91891611-4**	OBD	Suspension / wall / ceiling	Spot 18°	4000	13.5	1100	< 81
	91891311-2**	DALI one-to-one	Suspension / wall / ceiling	Spot 18°	2700	14.5	1000	< 68
	91891311-3**	DALI one-to-one	Suspension / wall / ceiling	Spot 18°	3000	14.5	1050	< 72
	91891311-4**	DALI one-to-one	Suspension / wall / ceiling	Spot 18°	4000	14.5	1100	< 75
	91891612-2**	OBD	Suspension / wall / ceiling	Flood 30°	2700	13.5	950	< 70
	91891612-3**	OBD	Suspension / wall / ceiling	Flood 30°	3000	13.5	1000	< 74
	91891612-4**	OBD	Suspension / wall / ceiling	Flood 30°	4000	13.5	1050	< 77
	91891312-2**	DALI one-to-one	Suspension / wall / ceiling	Flood 30°	2700	14.5	950	< 65
	91891312-3**	DALI one-to-one	Suspension / wall / ceiling	Flood 30°	3000	14.5	1000	< 68
	91891312-4**	DALI one-to-one	Suspension / wall / ceiling	Flood 30°	4000	14.5	1050	< 72

ACCESSORIES



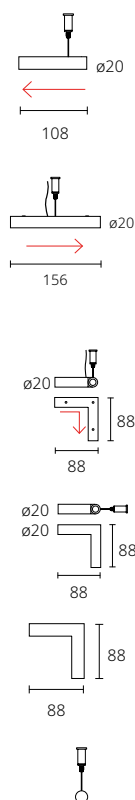
ART. NO.	DESCRIPTION
92099999-919	Honeycomb Accessory
92099999-929	Cross Accessory
92099992-999	Extensive Lens Accessory

DROP

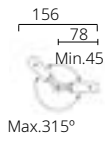


ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91892611-2**	OBD	Suspension / wall / ceiling	Spot 18°	2700	19	1350	< 71
91892611-3**	OBD	Suspension / wall / ceiling	Spot 18°	3000	19	1450	< 76
91892611-4**	OBD	Suspension / wall / ceiling	Spot 18°	4000	19	1500	< 78
91892311-2**	DALI one-to-one	Suspension / wall / ceiling	Spot 18°	2700	20	1350	< 67
91892311-3**	DALI one-to-one	Suspension / wall / ceiling	Spot 18°	3000	20	1450	< 72
91892311-4**	DALI one-to-one	Suspension / wall / ceiling	Spot 18°	4000	20	1500	< 75
91892612-2**	OBD	Suspension / wall / ceiling	Flood 30°	2700	19	1300	< 68
91892612-3**	OBD	Suspension / wall / ceiling	Flood 30°	3000	19	1350	< 71
91892612-4**	OBD	Suspension / wall / ceiling	Flood 30°	4000	19	1400	< 73
91892312-2**	DALI one-to-one	Suspension / wall / ceiling	Flood 30°	2700	20	1300	< 65
91892312-3**	DALI one-to-one	Suspension / wall / ceiling	Flood 30°	3000	20	1350	< 67
91892312-4**	DALI one-to-one	Suspension / wall / ceiling	Flood 30°	4000	20	1400	< 70

ACCESSORIES FOR SUSPENSION

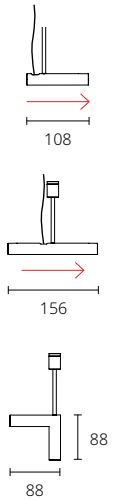


ART. NO.	CONTROL	DESCRIPTION
91899007-0**	No continuity	End Section
91899307-0**	OBD	Start Section On-Board Dimmer with power input
91899407-0**	DALI	Start section DALI with power input
91899001-0**	No continuity	Connector section
91899101-0**	OBD	Connector section OBD
91899301-0**	OBD	Connector section OBD with power input
91899201-0**	DALI	Connector section DALI
91899401-0**	DALI	Connector section DALI with power input
91899002-0**	No continuity	90° Horizontal Elbow
91899102-0**	OBD	90° Horizontal Elbow OBD
91899302-0**	OBD	90° Horizontal Elbow OBD with power input
91899202-0**	DALI	90° Horizontal Elbow DALI
91899402-0**	DALI	90° Horizontal Elbow DALI with power input
91899003-0**	No continuity	90° Vertical Elbow
91899103-0**	OBD	90° Vertical Elbow OBD
91899203-0**	DALI	90° Vertical Elbow DALI
91899022-0**	No continuity	90° Vertical Elbow (Without Cable)
91899122-0**	OBD	90° Vertical Elbow OBD (Without Cable)
91899222-0**	DALI	90° Vertical Elbow DALI (Without Cable)
91899000-999		Intermediate Suspension Accessories



91894980-0**	No continuity	Connector section with swivel.
91894982-0**	DALI	Connector section with swivel
91892007-0**	No continuity	End cover
91895108-999	OBD	Intermediate Connector OBD
91895208-999	DALI	Intermediate Connector DALI

ACCESSORIES FOR SUSPENSION WITH ROD



ART. NO.	CONTROL	DESCRIPTION
91899091-0**	No continuity	End Section with Rod
91899391-0**	OBD	Start Section OBD with power input and Rod*
91899491-0**	DALI	Start Section DALI with power input and Rod
91899092-0**	No continuity	Connector Section with Rod
91899192-0**	OBD	Connector Section OBD with Rod
91899392-0**	OBD	Connector Section OBD with power input and Rod*
91899292-0**	DALI	Connector Section DALI with Rod
91899492-0**	DALI	Connector Section DALI with power input and Rod*
91899093-0**	No continuity	90° Vertical Elbow
91899193-0**	OBD	90° Vertical Elbow OBD
91899293-0**	DALI	90° Vertical Elbow DALI
91899099-9**	-	1m rod

ACCESSORIES FOR WALL, CEILING OR FLOOR ATTACHMENT



ART. NO.	CONTROL	DESCRIPTION
91893012-0**	No continuity	L Accessory
91893112-0**	OBD	L Accessory OBD with power input
91893212-0**	DALI	L Accessory DALI with power input
91894990-0**	No continuity	Wall mount accessory Swivel
91894992-0**	DALI	Wall mount connector accessory Swivel
91893009-0**	-	Wall accessory for driver
91893010-0**	-	Strip wall accessory
91893011-0**	-	Wall attachment accessory

*Rod accessories are recommended for linear or L structures with Drop. All accessories include a 1-metre rod and 3 metres of cable.

ROSETTES AND POWER SUPPLY UNIT

	ART. NO.	CONTROL	DESCRIPTION	INSTALLATION
	91791901-9**	On-Off / DALI	Surface-mounted rosette with gear 72 W	Surface-mounted
	91791902-9**	On-Off / DALI	Surface-mounted rosette with gear 100 W	Surface-mounted
	91791903-9**	On-Off / DALI	Surface-mounted rosette with gear 240 W	Surface-mounted
	91899018-0**	No Continuity	X-less suspended rosette	Trimless suspended
	91894115-0**	OBD	X-less rosette with Ball Joint OBD	Trimless Ceiling
	91894215-0**	DALI	X-Less rosette with Swivel DALI	Trimless Ceiling
	91793901-999	On-Off / DALI	72 W gear	Power supply equipment
	91793902-999	On-Off / DALI	100W gear	Power supply equipment
	91793903-999	On-Off / DALI	240W gear	Power supply equipment

X-LESS - ACCESSORIES

	ART. NO.	CONTROL	DESCRIPTION	INSTALLATION
	99921109-199	-	X-trimless Accessory	

SERVICE BOX

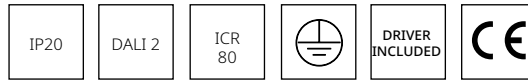
	ART. NO.	CONTROL	DESCRIPTION
	99981000-900	-	X-Less register box White
	99981000-977	-	X-Less register box Primer



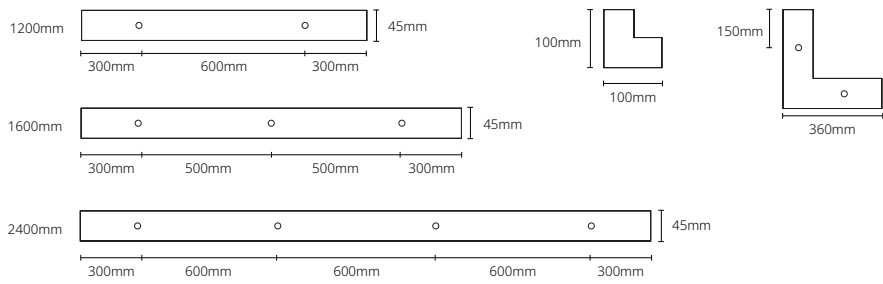
Simon | 860

Lighting
Systems

Simon 860 is a linear lighting system that represents a new way of understanding office environments. It's a modular solution capable of creating efficient working spaces with good visual comfort and adapting to people's needs.

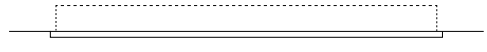


DIMENSIONS AND FASTENING SYSTEMS

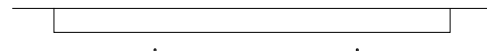


Installation

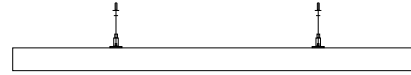
Recessed



Surface-mounted



Cable suspension



Rod suspension



PHYSICAL CHARACTERISTICS AND MATERIALS

IP 20

Body material Aluminium

Diffuser material Polycarbonate

Finishes ○ White 30 ● Black 38

TECHNICAL CHARACTERISTICS

Operating temperature -15°C to 35°C

Power

Opal / Microprismatic 1200mm: 18W | 1600mm: 24W | 2400mm: 36W

Low-UGR 1200mm: 13.5W | 1600mm: 19.5W | 2400mm: 27W

Actual light flux*

Opal 1200mm 2175lm | 1600mm: 3115lm | 2400mm: 4590lm

Microprismatic 1200mm: 1930lm | 1600mm: 2775lm | 2400mm: 4090lm

Low-UGR 1200mm: 1980lm | 1600mm: 2710lm | 2400mm: 4040lm

Lighting efficiency up to 147lm/W

Dimming DALI 2

Optical Optics Opal, Microprismatic, Low-UGR

Colour Temp. 3000K, 4000K

MacAdam ellipses <3-Step MacAdam

IRC 80

Light flux maintenance L70>60,000 h at 25°C

Service life 50,000 h

Glare index** Opal: UGR<21 | Microprismatic UGR<19 | Low-UGR: UGR<16

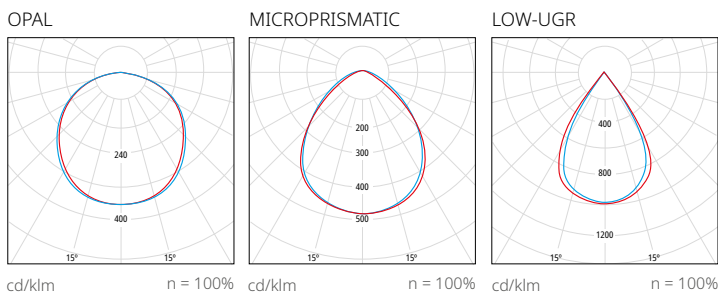
Supply voltage 220-240V / 50-60Hz

*Actual light flux value calculated based on 4000K colour temperature

**UGR variable based on project

PHOTOMETRICS

— C0 - C180 — C90 - C270

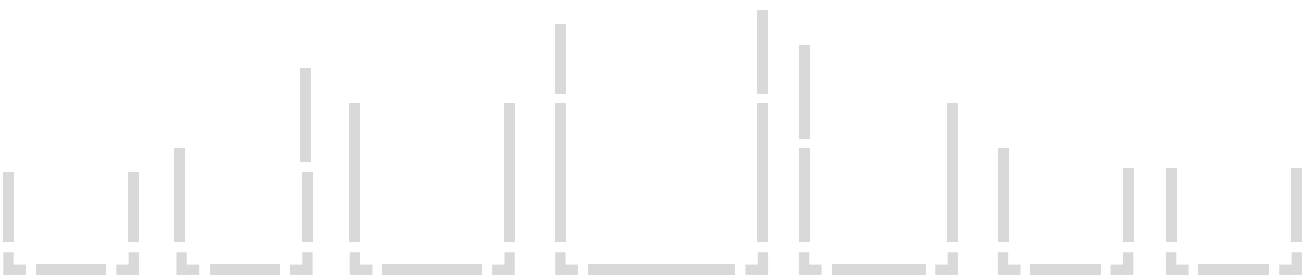


PRODUCT COLLECTION



CONSTRUCTION OF LIGHT PATHS

The Simon 860 system allows users to compose lighting sets and easily install light structures, using lighting modules, 90° joints and installation accessories to adapt the light layout to the space and people's needs.





Finishes ○ White 30 ● Black 38



SYSTEM ELEMENTS

CORNERS

The auxiliary corners allow changes in the light path, letting the line follow its course naturally in the space. The light corner, which is compatible with Opal and Microprismatic diffusers, provides a continuous line of light.



STRUCTURAL CONNECTOR

This structural element that joins profiles is required to connect the modules to each other and the corners. A solid and simple joint that makes installation easier. Please note that the illuminated and blind corners come standard with two structural connectors.



POWER AND CONTROL WIRING

The through wiring with quick connectors, which is included in the lighting module, gives continuity to the linear system, allowing quick and practical section linking to avoid human errors while connecting the power supply. This also allows control of the system and reduces connection time. We make the installation simpler by using a single power input, which makes it possible to electrically supply up to 25 lighting modules.



POSSIBLE CONFIGURATIONS*:

CONFIGURATIONS	NUMBER OF MODULES	TOTAL LENGTH
1.2 m	25 modules	30 m
1.6 m	25 modules	40 m
2.4 m	25 modules	60 m
Mix 1.2/2.4 m	25 modules	Depending on configuration

*using the maximum number of modules



860

PROFILE STRUCTURE

ART. NO.	DESCRIPTION	CONTROL	DIMENSIONS (mm)	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
860210**-109	Linear Luminaire 860.21 profile -	-	1200	Recessed	-	-	-	-	-
860220**-109	Linear Luminaire 860.22 profile -	-	1600	Recessed	-	-	-	-	-
860230**-109	Linear Luminaire 860.23 profile -	-	2400	Recessed	-	-	-	-	-
860410**-109	Linear Luminaire 860.41 profile -	-	1200	Suspended/Surface	-	-	-	-	-
860420**-109	Linear Luminaire 860.42 profile -	-	1600	Suspended/Surface	-	-	-	-	-
860430**-109	Linear Luminaire 860.43 profile -	-	2400	Suspended/Surface	-	-	-	-	-
860443**-309	Corner profile accessory -	-	360 x 360	Suspended/Surface	-	-	-	-	-
860243**-309	Corner profile accessory -	-	360 x 360	Recessed	-	-	-	-	-
860044**-209	Corner accessory for low UGR profile -	-	100 x 100	Suspended/Surface	Blind section	-	-	-	-
860244**-209	Corner accessory for low UGR profile -	-	100 x 100	Recessed	Blind section	-	-	-	-

LIGHT MODULES

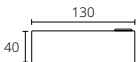
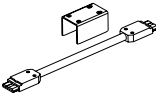
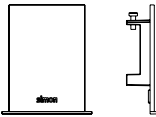
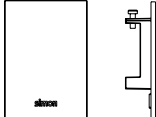
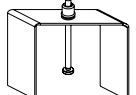
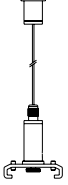
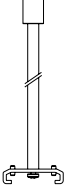
ART. NO.	DESCRIPTION	CONTROL	DIMENSIONS (mm)	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
86001300-383	Linear luminaire module 860 1200 3000 K	DALI 2	1200	-	Opal	3000	18	2090*	116
86001300-384	Linear luminaire module 860 1200 4000 K	DALI 2	1200	-	Opal	4000	18	2175*	121
86001300-583	Linear Luminaire module 860 Low-UGR 1200 3000 K	DALI 2	1200	-	Low-UGR	3000	13.5	1830	136
86001300-584	Linear Luminaire module 860 Low-UGR 1200 4000 K	DALI 2	1200	-	Low-UGR	4000	13.5	1980	147
86002300-383	Linear luminaire module 860 1600 3000 K	DALI 2	1600	-	Opal	3000	24	2785*	116
86002300-384	Linear luminaire module 860 1600 4000 K	DALI 2	1600	-	Opal	4000	24	3115*	130
86002300-583	Linear Luminaire module 860 Low-UGR 1600 3000 K	DALI 2	1600	-	Low-UGR	3000	19.5	2535	130
86002300-584	Linear Luminaire module 860 Low-UGR 1600 4000 K	DALI 2	1600	-	Low-UGR	4000	19.5	2705	139
86003300-383	Linear luminaire module 860 2400 3000 K	DALI 2	2400	-	Opal	3000	36	4305*	120
86003300-384	Linear luminaire module 860 2400 4000 K	DALI 2	2400	-	Opal	4000	36	4590*	128
86003300-583	Linear Luminaire module 860 Low-UGR 2400 3000 K	DALI 2	2400	-	Low-UGR	3000	27	3665	136
86003300-584	Linear Luminaire module 860 Low-UGR 2400 4000 K	DALI 2	2400	-	Low-UGR	4000	27	4040	150
86004300-183	Corner light module accessory 3000K	DALI 2	360 x 360	-	Opal	3000	10.5	1145*	109
86004300-184	Corner light module accessory 4000K	DALI 2	360 x 360	-	Opal	4000	10.5	1230*	117

*Photometry calculations performed with the opal diffuser. The microprismatic diffuser reaches values which are 11% lower. Opal diffuser not included.

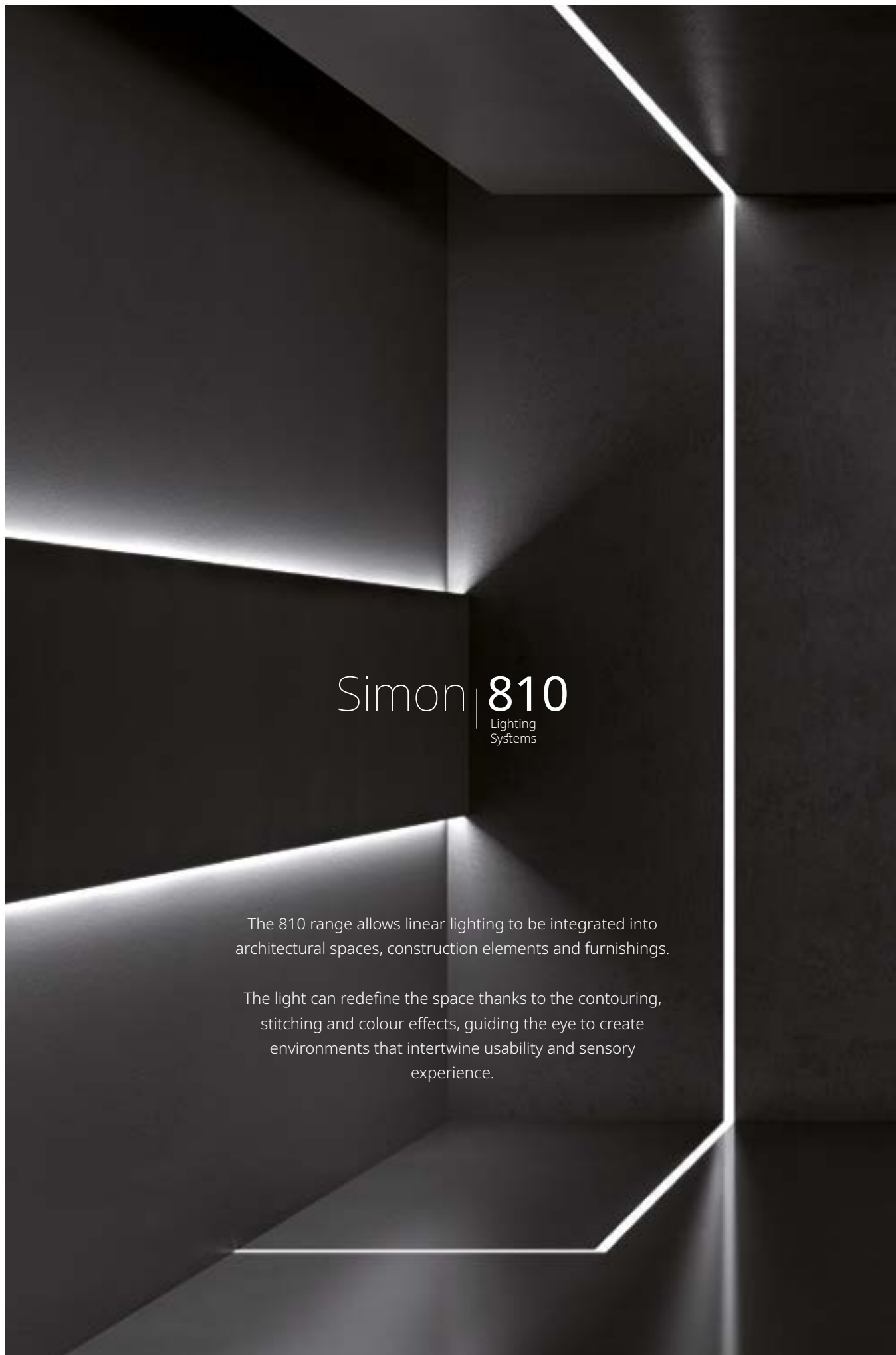
DIFFUSERS

ART. NO.	DESCRIPTION	CONTROL	DIMENSIONS (mm)	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
86099900-510	Corner microprismatic diffuser	-	360 x 360	-	Microprismatic	-	-	-	-
86099900-612	Microprismatic diffuser 1200 mm (5 units)	-	1200	-	Microprismatic	-	-	-	-
86099900-616	Microprismatic diffuser 1600 mm (5 units)	-	1600	-	Microprismatic	-	-	-	-
86099900-624	Microprismatic diffuser 2400 mm (5 units)	-	2400	-	Microprismatic	-	-	-	-
86099900-520	Corner opal diffuser	-	360 x 360	-	Opal	-	-	-	-
86099900-712	Opal diffuser 1200 mm (5 units)	-	1200	-	Opal	-	-	-	-
86099900-716	Opal diffuser 1600 mm (5 units)	-	1600	-	Opal	-	-	-	-
86099900-724	Opal diffuser 2400 mm (5 units)	-	2400	-	Opal	-	-	-	-
86099900-700	Roll-up opal diffuser 10 m	-	10 m	-	Opal	-	-	-	-

INSTALLATION ACCESSORIES*

	ART. NO.	DESCRIPTION	CONTROL	DIMENSIONS (mm)	INSTALLATION
	86097905-039	Power cable 5P 4 m	-	4000	-
	860969**-039	Rosette accessory	-	-	-
	86097900-039	Linear structural luminaire connector	-	-	-
	860259**-039	Recessed end cover 2 pcs	-	-	Recessed
	860459**-039	Suspended end cover 2 pcs	-	-	Suspended
	86098700-039	Recess accessory 2 pcs	-	-	Recessed
	86098900-039	Recess accessory 3 pcs	-	-	Recessed
	860487**-039	Suspension kit 4 m 2 pcs	-	4000	Suspended - Cable
	860489**-039	Suspension kit 4 m 3 pcs	-	4000	Suspended - Cable
	860987**-039	Rod accessory 1 m 2 pcs	-	1000	Suspended - rod
	860999**-039	Rod accessory 1 m 3 pcs	-	1000	Suspended - rod
	860988**-039	Rod extension 0.5 m	-	500	-

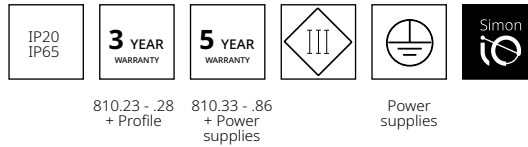
*For lengths of 1200, one 2-piece fitting is required; for lengths of 1600, one 3-piece fitting is required; for lengths of 2400, two 2-piece fittings are required.



Simon | **810**
Lighting
Systems

The 810 range allows linear lighting to be integrated into architectural spaces, construction elements and furnishings.

The light can redefine the space thanks to the contouring, stitching and colour effects, guiding the eye to create environments that intertwine usability and sensory experience.



DIMENSIONS AND FASTENING SYSTEMS

Dimensions* According to application and project.

Installation Surface, recessed, angular, architectural, flexible and suspended.

* The IP65 LED strip is 2 mm thicker

PHYSICAL CHARACTERISTICS AND MATERIALS

IP 20, 65

Profile material Aluminium, silicone or PC according to profile

Diffuser material PC, methacrylate or silicone depending on the diffuser

LED strip material 810.23 - .28: 2 oz thick flexible copper PCBs | 810.33 - .86: 3 oz thick flexible copper PCBs

Length 810.23 - .28: 5m / 20m | 810.33 - .86: 5m | 810 Profile: 2m

Finishes 810 Profile: White, black, aluminium and opal

TECHNICAL CHARACTERISTICS

Operating temperature from -20°C to 40°C

Power 4.8 W/m to 19.2 W/m

Actual light flux 590 lm/m to 2400 lm/m

Actual efficiency <150lm/W

Dimming On-Off, 1-10V, DALI

Colour Temperature 2700K, 3000K, 4000K, 6500K, RGB, Biodynamic, RGBW, Power

MacAdam ellipses <3-Step MacAdam

CRI According to LED strip

Light flux maintenance L70>35.000h at 25°C

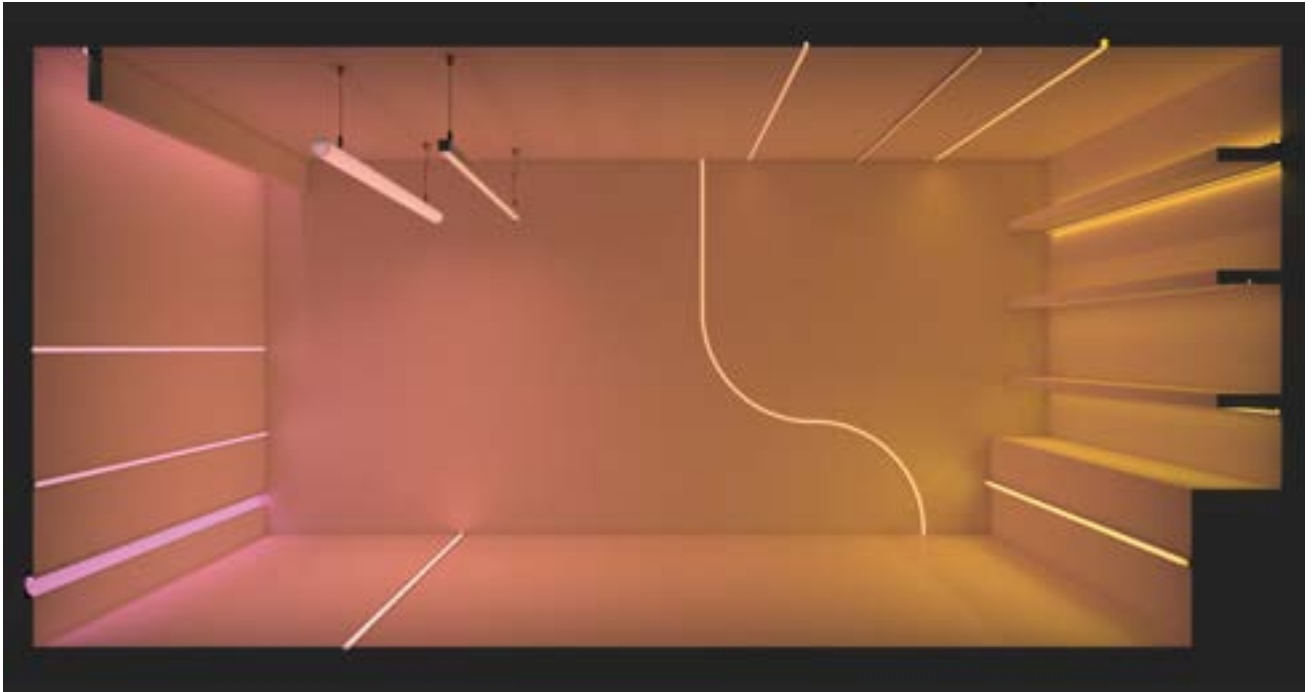
Useful life 810.23 - .28: 30,000h | 810.33 - .86: 50.000h

Supply voltage LED Strips 24Vdc | Voltage sources 220-240Vac 50-60Hz

Power factor (cos φ at max. charge) Voltage source: <0.95

PRODUCT COLLECTION












Versions with dynamic light that allow you to adjust the intensity and colour temperature according to timing sequences that simulate natural light cycles.

The RGB and RGBW models allow you to create colourful scenes.

Different colour temperatures available to adapt to any type of application.

-  2200K
-  2700K
-  2700 - 6000K
-  RGB
-  3000K
-  4000K
-  6500K

ARCHITECTURAL INTEGRATION

Collection of profiles that integrate into walls, ceilings, floors, furniture, and other construction elements, extending in lines of pure light that move throughout the space.

They can be installed in various ways to meet the needs of each project and can be **ordered cut to size**.



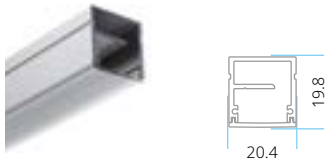
Flagship Primor Callao Madrid / Studio: WANNA / www.wannarockyou.com /
Photographer: Javier de Paz García



CLASSIFICATION ACCORDING TO INSTALLATION

SURFACE-MOUNTED PROFILE

PROFILES WITH AUXILIARY CHANNEL FOR WIRING



● IP65

SURFACE-MOUNTED PROFILE



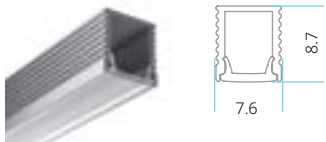
● ○ ●

SLIM SURFACE-MOUNTED PROFILE



● ○ ●

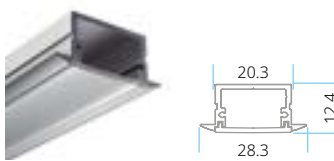
MINI SURFACE-MOUNTED PROFILE



● ●

RECESSED PROFILE

RECESSED PROFILE



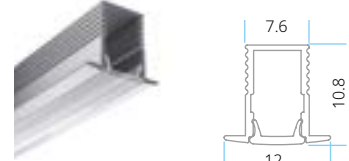
● ● IP65

SLIM RECESSED PROFILE



● ○ ●

MINI RECESSED PROFILE



● ●

ANGLE PROFILE

FLUSH ANGLE PROFILE



● IP65

ROUNDED ANGLE PROFILE



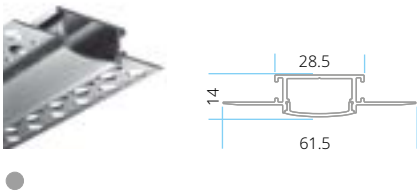
●

Available finishes:

● Aluminium ○ White ● Black

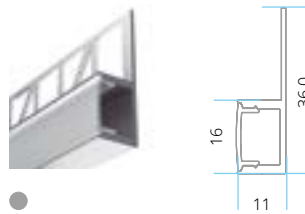
ARCHITECTURAL PROFILE

INTEGRATED PLASTER PROFILE



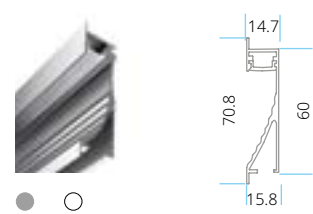
●

INTEGRATED TILE PROFILE



●

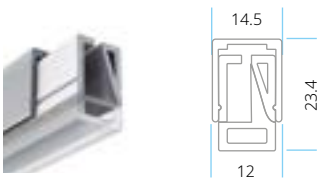
INTEGRATED BASEBOARD PROFILE



● ○

FLEXIBLE PROFILE

FLEXIBLE PROFILE HORIZONTAL



○

FLEXIBLE PROFILE VERTICAL



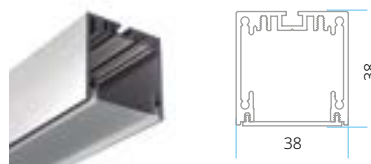
○

SUSPENDED PROFILE

CYLINDRICAL OPAL PROFILE



SQUARE SUSPENDED PROFILE



● ○ ● IP65

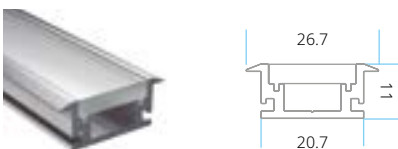
ROUNDED ANGLE PROFILE



● ● IP65

RECESSED INTO THE FLOOR

WALKABLE PROFILE



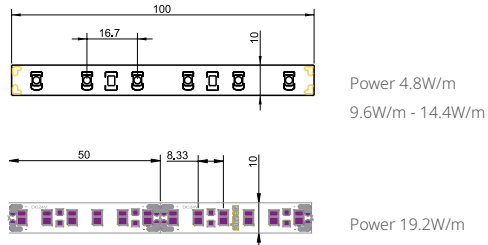
● IP65 IK10

LED STRIPS

WHITE LIGHT

ESSENTIAL

Essential strips are available in white light with different colour temperatures. Their high efficiency and good colour rendering allow them to cover multiple lighting needs in all types of projects and applications.



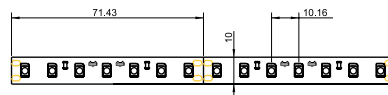
ESSENTIAL PRO

High-quality white light with an excellent CRI 90 – R9 >80 colour rendering index that prevents distorted perception of colour and texture. Excellent saturation of red and warm shades. Its 3oz thick copper PCB ensures thermal dissipation and avoids voltage drops, prolonging its useful life.



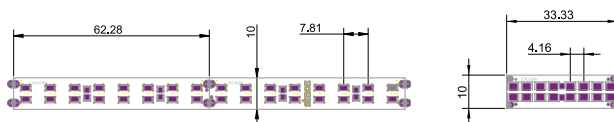
POWER STABILISER

They have a stabilizer chip that distributes current throughout the PCB track, allowing continuous installations of up to ten meters, without voltage drops occurring at the ends.



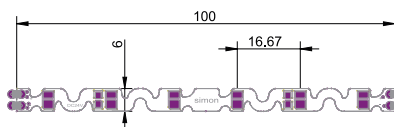
HIGH-EFFICIENCY

This LED strip provides an efficiency of more than 140 lm/W, allowing maximum savings and optimised energy consumption.



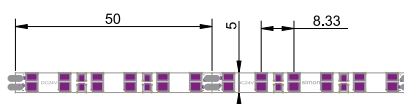
CONTOUR

Versatile and flexible design range that can adapt to non-linear architectures.



MINI 5MM

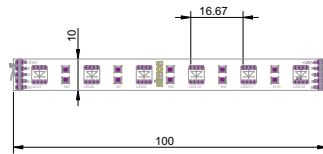
Only 5 mm wide and with all the necessary lighting power, it integrates perfectly into small spaces.



COLOURFUL LIGHT

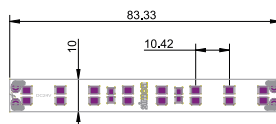
RGB AND RGB +2700K COLOUR

Fill the space with colour and customise the nuances of the light you wish to create. Create static or dynamic lighting and scenes with a colour range that complements the lighting project.



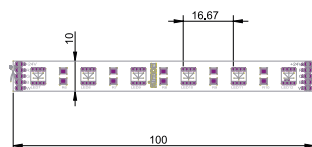
FOOD SERVICE LIGHTING

They incorporate LEDs with excellent colour rendering (CRI>92) and light spectrum specially designed for fresh food applications. Specific versions are available for meat, fish or pastries.



BIODYNAMIC LIGHT

Allows adjustment of the intensity and colour temperature from 2700 K to 6000 K, based on schedules that simulate natural light cycles, to adapt to different activities and times of day, thus influencing people's circadian cycles and creating an atmosphere of wellbeing.







INTEGRATED
IN ARCHITECTURE AND FURNITURE

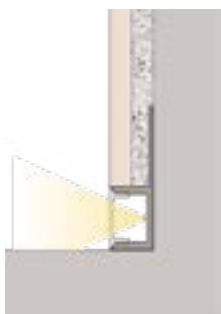
The light becomes a line that forms part of the project for the space, allowing its integration in both form and function. It becomes a part of the architectural concept, creating sensations that complement the experience of living in the space.

LIGHTED WALLS AND CEILINGS

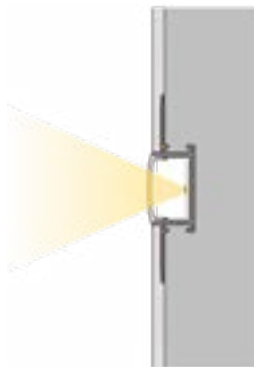
Light merges with walls and ceilings under surface coatings, cement, plaster, and even between tiles, stoneware or natural stone. The shapes are designed for easy installation in combination with other materials, allowing great creative freedom to creators.



The **architectural** profile is specially designed to be combined with tiles, ceramic or stoneware. Its die-cut installation flap can be integrated between these materials.



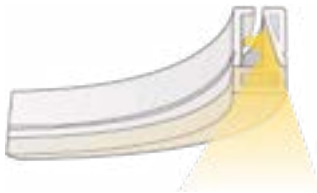
The **plaster** profile can be integrated into walls and ceilings by covering its installation flaps with plaster or finishing material, completely fusing it to the surface.



CURVES AND CONTOURS

Even beams of light can be a flexible material that adapts to curved shapes in all types of construction elements. The light curves can be integrated into curved walls and ceilings, product displays, and counters, allowing all kinds of lighting effects on these elements.

Flexible horizontal profile
Made of high quality silicone. It can be combined with different supports to adapt to the desired shape. Allows the profile to be bent laterally.



Flexible vertical profile
It has the same characteristics as the horizontal profile but can be bent vertically along the profile itself.



LIGHTING BORDERS

Light guides us along a path, allowing us to define spaces and mark transitions between zones. Integrated light borders can extend into the pavement and separate environments. They can also be used in suspended lines that highlight areas of interest, furniture or vertical planes.



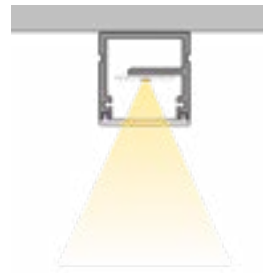
Walkable profile

Recessed installation into a concrete floor, with a IK10 resistant diffuser that can be walked on without risk of breakage. It also has an IP65 rating.



Cylindrical opal profile

Glazed white methacrylate diffuser with a built-in LED strip inside, offering homogeneous supplementary light.



Profile with wiring channel

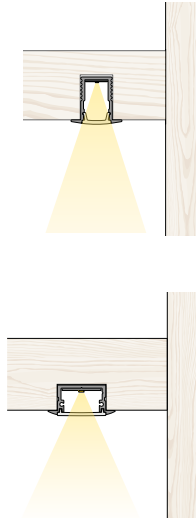
Profile with slightly larger dimensions than the standard, offering better thermal dissipation performance. It has a built-in auxiliary channel for passing return or line cables.



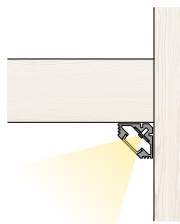
RECEPTIONS AREAS, DESKS AND SHELVES

Spaces that welcome us and invite us to come closer. Lighting integrated into reception furniture, as part of the desk or shelves, lights the work surface and all the elements on display.

Thanks to their small size, the **recessed profiles** become part of the shelves, and with a simple machining on the surface the panel can be perfectly integrated.



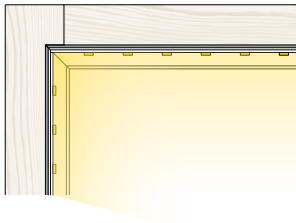
Where vertical and horizontal planes meet, it creates 90° joints that are perfect for integrating an **angular profile**, taking advantage of geometry to direct the light.



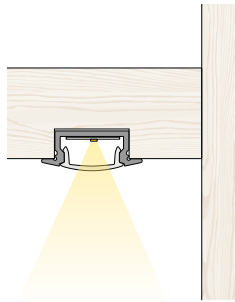
CABINETS AND DRAWERS

When we open the door, the lighting lets us see the true colours and textures of the clothing and accessories in our closet, inspiring us to find the right outfit and to dress for every occasion.

The **mitred** edges allow us to connect vertical and horizontal planes, creating a continuous perimeter and creating a subtle curtain of light.



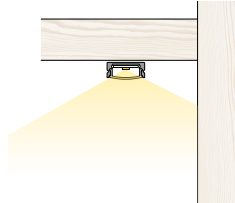
The **recessed slim profiles** can be easily integrated into any board that is part of shelves, drawers, etc., all areas of the closet to be illuminated.



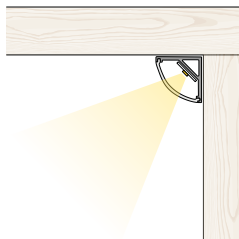
KITCHENS, CABINETS AND SHELVES

Functional and inspiring spaces, where modulated light creates contrast between surfaces. Ambient lighting sparks sensations and can be combined with functional lighting to allow us to perform all kinds of cooking tasks.

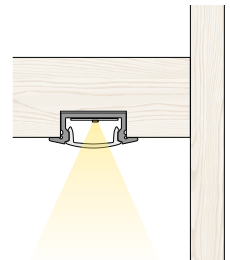
The **slim profile** is thin enough to go unnoticed even in surface installations. It fits into a panel without the need for machining.



Angled profiles are designed to be placed at the bottom base of the cabinets, to illuminate the counter top, providing additional work lighting.



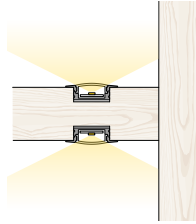
The **slim recessed** versions can be inserted into shelves and ledges using simple linear machining, making it easy to integrate light into all types of boards.



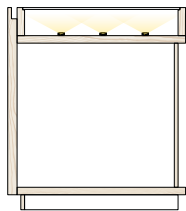
DISPLAYS, PODIUMS AND RACKS

Light to expose, show and discover, emphasizing objects, clothes, accessories and more in retail spaces, show-rooms, exhibitions, etc. They offer a high chromatic reproduction that avoids distortions in the perception of colours and textures. The light fixtures disappear and blend in with the furniture.

Slim profiles are so thin that they can be integrated **“up & down”** without weakening the board. This lets them illuminate up and down from a single shelf, bathing everything on display in light.



Using strips, we can also create **backlighting** effects, where translucent materials are infused with light, generating luminous surfaces on which to arrange and display objects.



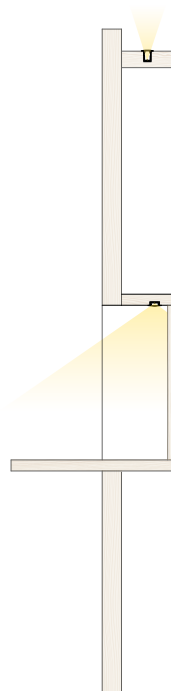
HEADBOARDS, BEDS AND BEDSIDE TABLES

Spaces where we can relax in an atmosphere of warmth and intimacy, creating an environment for loving, resting, reading... And the light can be adapted to the moment using scenes associated with each experience.


Linear lighting allows us to create all kinds of effects. It participates in interior design and incorporates light as another constructive element that is part of the space.



The **mini profile**, at only **5mm** wide, can be integrated in bed headboards, to emit indirect perimeter lighting and create a beautiful effect using contrasts and gradients.







CONFIGURE **YOUR**
LINEAR LIGHTING KIT



Our **custom** cutting and welding service allows you to adjust the dimensions of the lighting pieces to your projects.

We prepare profiles, diffusers and strips in the **lengths you want** and with the connection cables soldered, **facilitating the installation** process and ensuring a perfect fit on any surface or piece of furniture.

WE SIMPLIFY INSTALLATION

Request customized products from the Simon sales team in your area or your trusted distributor.

We will help you to configure the article numbers for each element.



You will receive each item with the cut and measurements you requested.

Profiles, strips and diffusers, all cut to size and with the necessary accessories to simplify installation.

PROFILE

CUTTING

All our aluminium profiles and their diffusers can be ordered in special dimensions and cut to the lengths you need.

Maximum standard length 2,000mm.

Adjust your project to the millimetre.

For longer lengths, please consult us.

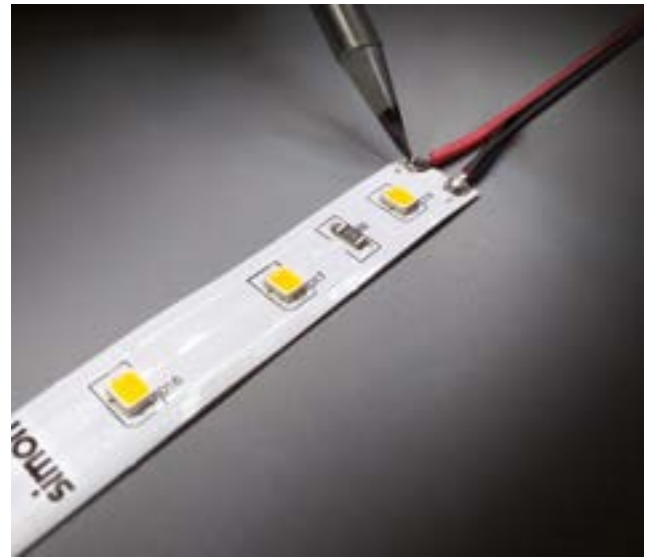


CUTTING AND SOLDERING OF LED

STRIPS

LED strips can be made to measure, just indicate the desired length and type of connection.

We will deliver them cut to size, with the connection wires soldered to the strip and installed in the profiles with all the solutions you need.



MITRES

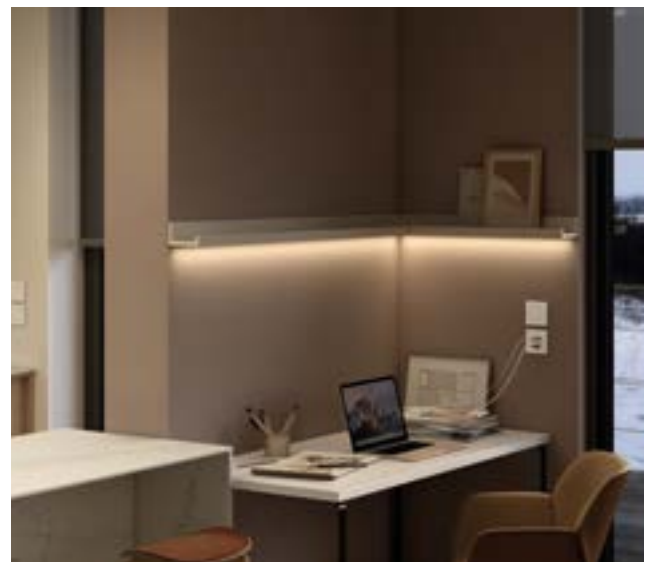
We also prepare the profile and diffuser mitre cuts to fit your project perfectly.



VERTICAL CUTTING



HORIZONTAL CUTTING



VOLTAGE SOURCES

To choose the correct source we must calculate the consumption of the strips in the installation: Power of the strip (W/m) x meters of installation = power in W of the installation.

The power of the source must exceed the total power of the installation by a certain margin (approximately 20%).

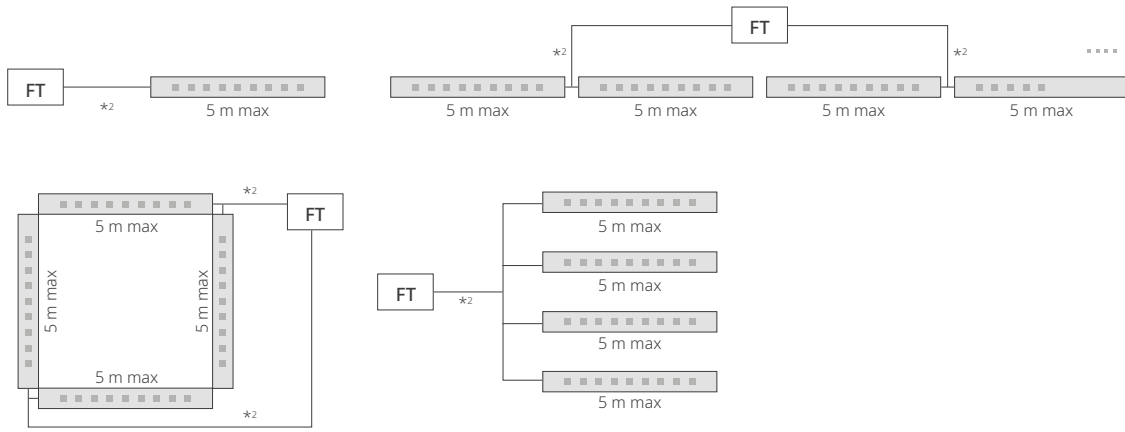
POWER / VOLTAGE	GEAR TYPE	POWER / VOLTAGE	GEAR TYPE
18W/24V	On-Off	25W/24V	1-10V HE
40W/24V	On-Off	65W/24V	1-10V HE
60W/24V	On-Off	75W/24V	1-10V HE
75W/24V	On-Off	150W/24V	1-10V HE
150W/24V	On-Off	240W/24V	1-10V HE
240W/24V	On-Off	75W/24V	DALI HE
75W/24V HE	On-Off	150W/24V	DALI HE
150W/24V HE	On-Off		
240W/24V HE	On-Off		

CABLING

The maximum length of the wiring between the voltage sources and the LED strips must be calculated according to the power and the cable cross-section.

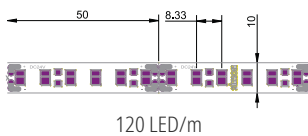
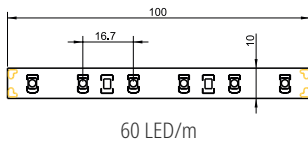
LED STRIP POWER (W)	VOLTAGE SOURCE POWER (W)	CABLE CROSS SECTION (mm ²)	MAXIMUM LENGTH OF WIRING BETWEEN LED STRIP AND EQUIPMENT(m)
24	35	1.5	20
		2.5	35
36	60	1.5	18
		2.5	28
48	60	1.5	15
		2.5	22
72	75	1.5	10
		2.5	18
96	150	1.5	8
96	150	2.5	15

INSTALLATION EXAMPLES



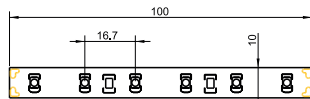
810

ESSENTIAL



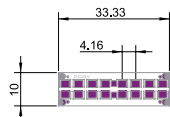
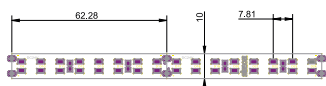
ART. NO.	IP*	LED/m	ACTUAL LIGHT FLUX (lm/m)	COLOUR TEMPERATURE (K)	POWER (W/m)	LENGTH (m)
81023000-982	20	60	590	2700 CRI>80	4.8	5
81023000-983	20	60	590	3000 CRI>80	4.8	5
81023000-984	20	60	600	4000 CRI>80	4.8	5
81023020-982	20	60	590	2700 CRI>80	4.8	20
81023020-983	20	60	590	3000 CRI>80	4.8	20
81023020-984	20	60	600	4000 CRI>80	4.8	20
81023100-982	65	60	590	2700 CRI>80	4.8	5
81023100-983	65	60	590	3000 CRI>80	4.8	5
81023100-984	65	60	600	4000 CRI>80	4.8	5
81025000-982	20	60	1181	2700 CRI>80	9.6	5
81025000-983	20	60	1181	3000 CRI>80	9.6	5
81025000-984	20	60	1200	4000 CRI>80	9.6	5
81025020-982	20	60	1181	2700 CRI>80	9.6	20
81025020-983	20	60	1181	3000 CRI>80	9.6	20
81025020-984	20	60	1200	4000 CRI>80	9.6	20
81025100-982	65	60	1181	2700 CRI>80	9.6	5
81025100-983	65	60	1181	3000 CRI>80	9.6	5
81025100-984	65	60	1200	4000 CRI>80	9.6	5
81026000-982	20	60	1771	2700 CRI>80	14.4	5
81026000-983	20	60	1771	3000 CRI>80	14.4	5
81026000-984	20	60	1800	4000 CRI>80	14.4	5
81026020-982	20	60	1771	2700 CRI>80	14.4	20
81026020-983	20	60	1771	3000 CRI>80	14.4	20
81026020-984	20	60	1800	4000 CRI>80	14.4	20
81026100-982	65	60	1771	2700 CRI>80	14.4	5
81026100-983	65	60	1771	3000 CRI>80	14.4	5
81026100-984	65	60	1800	4000 CRI>80	14.4	5
81028000-982	20	120	2362	2700 CRI>80	19.2	5
81028000-983	20	120	2362	3000 CRI>80	19.2	5
81028000-984	20	120	2400	4000 CRI>80	19.2	5
81028020-982	20	120	2362	2700 CRI>80	19.2	20
81028020-983	20	120	2362	3000 CRI>80	19.2	20
81028020-984	20	120	2400	4000 CRI>80	19.2	20
81028100-982	65	120	2362	2700 CRI>80	19.2	5
81028100-983	65	120	2362	3000 CRI>80	19.2	5
81028100-984	65	120	2400	4000 CRI>80	19.2	5

ESSENTIAL PRO



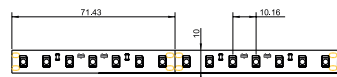
ART. NO.	IP*	LED/m	ACTUAL LIGHT FLUX (lm/m)	COLOUR TEMPERATURE (K)	POWER (W/m)	LENGTH (m)
81033000-992	20	60	490	2700 CRI>90 R9>80	4.8	5
81033000-993	20	60	500	3000 CRI>90 R9>80	4.8	5
81033000-994	20	60	510	4000 CRI>90 R9>80	4.8	5
81033000-996	20	60	530	6500 CRI>90 R9>80	4.8	5
81033100-992	65	60	490	2700 CRI>90 R9>80	4.8	5
81033100-993	65	60	500	3000 CRI>90 R9>80	4.8	5
81033100-994	65	60	510	4000 CRI>90 R9>80	4.8	5
81033100-996	65	60	530	6500 CRI>90 R9>80	4.8	5
81035000-992	20	120	970	2700 CRI>90 R9>80	9.6	5
81035000-993	20	120	980	3000 CRI>90 R9>80	9.6	5
81035000-994	20	120	1030	4000 CRI>90 R9>80	9.6	5
81035000-996	20	120	1090	6500 CRI>90 R9>80	9.6	5
81035100-992	65	120	950	2700 CRI>90 R9>80	9.6	5
81035100-993	65	120	960	3000 CRI>90 R9>80	9.6	5
81035100-994	65	120	1010	4000 CRI>90 R9>80	9.6	5
81035100-996	65	120	1070	6500 CRI>90 R9>80	9.6	5
81036000-992	20	120	1440	2700 CRI>90 R9>80	14.4	5
81036000-993	20	120	1480	3000 CRI>90 R9>80	14.4	5
81036000-994	20	120	1580	4000 CRI>90 R9>80	14.4	5
81036000-996	20	120	1620	6500 CRI>90 R9>80	14.4	5
81036100-992	65	120	1420	2700 CRI>90 R9>80	14.4	5
81036100-993	65	120	1460	3000 CRI>90 R9>80	14.4	5
81036100-994	65	120	1560	4000 CRI>90 R9>80	14.4	5
81036100-996	65	120	1600	6500 CRI>90 R9>80	14.4	5
81038000-992	20	120	1880	2700 CRI>90 R9>80	19.2	5
81038000-993	20	120	1920	3000 CRI>90 R9>80	19.2	5
81038000-994	20	120	2050	4000 CRI>90 R9>80	19.2	5
81038000-996	20	120	2180	6500 CRI>90 R9>80	19.2	5
81038100-992	65	120	1790	2700 CRI>90 R9>80	19.2	5
81038100-993	65	120	1830	3000 CRI>90 R9>80	19.2	5
81038100-994	65	120	1960	4000 CRI>90 R9>80	19.2	5
81038100-996	65	120	2090	6500 CRI>90 R9>80	19.2	5

HIGH-EFFICIENCY



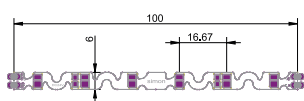
ART. NO.	IP*	LED/m	ACTUAL LIGHT FLUX (lm/m)	COLOUR TEMPERATURE (K)	POWER (W/m)	LENGTH (m)
81034000-982	20	128	920	2700 CRI>80	7.2	5
81034000-983	20	128	960	3000 CRI>80	7.2	5
81034000-984	20	128	1040	4000 CRI>80	7.2	5
81034000-986	20	128	1080	6500 CRI>80	7.2	5
81034100-982	65	128	840	2700 CRI>80	7.2	5
81034100-983	65	128	880	3000 CRI>80	7.2	5
81034100-984	65	128	960	4000 CRI>80	7.2	5
81034100-986	65	128	1000	6500 CRI>80	7.2	5
81062000-982	20	240	1800	2700 CRI>80	14	5
81062000-983	20	240	1880	3000 CRI>80	14	5
81062000-984	20	240	1980	4000 CRI>80	14	5
81062000-986	20	240	2060	6500 CRI>80	14	5
81062100-982	65	240	1740	2700 CRI>80	14	5
81062100-983	65	240	1820	3000 CRI>80	14	5
81062100-984	65	240	1920	4000 CRI>80	14	5
81062100-986	65	240	2000	6500 CRI>80	14	5

POWER STABILISER



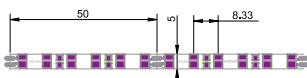
ART. NO.	IP*	LED/m	ACTUAL LIGHT FLUX (lm/m)	COLOUR TEMPERATURE (K)	POWER (W/m)	LENGTH (m)
81086000-982	20	98	1600	2700 CRI>80	16	5
81086000-983	20	98	1600	3000 CRI>80	16	5
81086000-984	20	98	1600	4000 CRI>80	16	5
81086100-982	65	98	1600	2700 CRI>80	16	5
81086100-983	65	98	1600	3000 CRI>80	16	5
81086100-984	65	98	1600	4000 CRI>80	16	5

CONTOUR



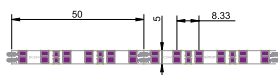
ART. NO.	IP*	LED/m	ACTUAL LIGHT FLUX (lm/m)	COLOUR TEMPERATURE (K)	POWER (W/m)	LENGTH (m)
81042000-982	20	60	1180	2700 CRI>80	14.4	5
81042000-983	20	60	1200	3000 CRI>80	14.4	5
81042000-984	20	60	1220	4000 CRI>80	14.4	5
81042000-986	20	60	1250	6500 CRI>80	14.4	5

WIDTH 5MM



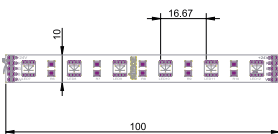
ART. NO.	IP*	LED/m	ACTUAL LIGHT FLUX (lm/m)	COLOUR TEMPERATURE (K)	POWER (W/m)	LENGTH (m)
81052000-982	20	120	1320	2700 CRI>80	14.4	5
81052000-983	20	120	1340	3000 CRI>80	14.4	5
81052000-984	20	120	1320	4000 CRI>80	14.4	5
81052000-986	20	120	1340	6500 CRI>80	14.4	5

RGB+2700K



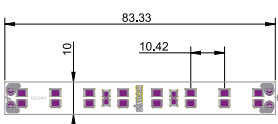
ART. NO.	IP*	LED/m	ACTUAL LIGHT FLUX (lm/m)	COLOUR TEMPERATURE (K)	POWER (W/m)	LENGTH (m)
81036000-900	20	60	480	RGB	14.4	5
81036100-900	65	60	450	RGB	14.4	5
81037000-902	20	60	975	RGB+2700	19.2	5
81037100-902	65	60	933	RGB+2700	19.2	5

BIODYNAMIC



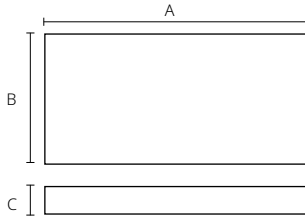
ART. NO.	IP*	LED/m	ACTUAL LIGHT FLUX (lm/m)	COLOUR TEMPERATURE (K)	POWER (W/m)	LENGTH (m)
81036000-800	20	60	940	2700-6000	12	5
81036100-800	65	60	920	2700-6000	12	5

POWER SUPPLY



ART. NO.	IP*	LED/m	ACTUAL LIGHT FLUX (lm/m)	COLOUR TEMPERATURE (K)	POWER (W/m)	LENGTH (m)
81034000-910	20	120	666	2000 CRI>92	7.7	5
81034000-920	20	120	725	2300 CRI>92	7.7	5
81034000-940	20	120	724	6500 CRI>92	7.7	5

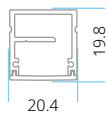
GEAR: VOLTAGE SOURCES



ART. NO.	DESCRIPTION	DIMENSIONS (A x B x C)	IP	CONTROL
81090024-139	18W/24V	115 x 45 x 21mm	20	On-Off
81090035-139	40W/24V	166 x 52 x 24mm	20	On-Off
81090060-139	60W/24V	184 x 61 x 32mm	20	On-Off
81090070-139	75W/24V	184 x 61 x 32mm	20	On-Off
81090150-139	150W/24V	210 x 67 x 34mm	20	On-Off
81090250-139	240W/24V	249 x 70 x 40mm	67	On-Off
81095300-039	75W/24V HE	180 x 63 x 35.5mm	67	On-Off
81095400-039	150W/24V HE	219 x 63 x 35.5mm	67	On-Off
81095500-039	240W/24V HE	244 x 71 x 37.5mm	67	On-Off
81091025-039	25W/24V 1-10V HE	110 x 75 x 22mm	20	1-10V
81091065-039	65W/24V 1-10V HE	130 x 75 x 25mm	20	1-10V
81091075-039	75W/24V 1-10V HE	180 x 63 x 35.5mm	67	1-10V
81091150-039	150W/24V 1-10V HE	219 x 63 x 35.5mm	67	1-10V
81091240-039	240W/24V 1-10V HE	244 x 71 x 37.5mm	67	1-10V
81093060-039	75W/24V DALI HE	180 x 63 x 35.5mm	67	DALI
81093150-039	150W/24V DALI HE	219 x 63 x 35.5mm	67	DALI

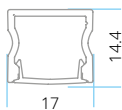
SURFACE-MOUNTED PROFILE

PROFILES WITH AUXILIARY CHANNEL FOR WIRING



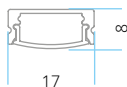
ART. NO.	FINISH	DESCRIPTION
81202133-039	Aluminium	Cabling profile for LedFlex
81210012-039	Transparent	Transparent diffuser profile Recessed
81210010-039	Opal	Opal diffuser for recessed profile
81222100-039	-	Wiring cover profile
81272100-139	-	Cabling profile mounting clip
81270000-239	-	Clamp for recessed mount

SURFACE-MOUNTED PROFILE



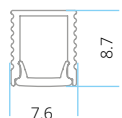
ART. NO.	FINISH	DESCRIPTION
81200133-039	Aluminium	Surface-mounted profile for LedFlex
81200130-039	White	Surface-mounted profile for LedFlex White
81200138-039	Black	Surface profile for LedFlex Black
81210110-039	Opal	Opal diffuser for surface-mounted profile
81210112-039	Transparent	Multiple transparent diffuser profile
81220100-039	Grey	End cover for surface-mounted profile
81230100-039	Grey	Start cover for surface-mounted profile
81220130-039	White	End cover for surface-mounted profile White
81230130-039	White	Start cover for surface-mounted profile White
81220138-039	Black	End cover for surface-mounted profile Black
81230138-039	Black	Start cover for surface-mounted profile Black
81270100-139	-	Clip for surface-mounted profile
81270000-239	-	Clamp for recessed mount

SLIM SURFACE-MOUNTED PROFILE



ART. NO.	FINISH	DESCRIPTION
81201933-039	Aluminium	Slim surface-mounted profile for LedFlex
81201930-039	White	Slim surface-mounted profile for LedFlex White
81201938-039	Black	Slim surface-mounted profile for LedFlex Black
81210112-039	Transparent	Multiple transparent diffuser profile
81211910-039	Opal	Opal diffuser for slim profile
81221933-039	Grey	End cover for slim surface-mounted profile
81231933-039	Grey	Start cover for slim surface-mounted profile
81221930-039	White	End cover for slim surface-mounted profile White
81231930-039	White	Start cover for slim surface-mounted profile White
81221938-039	Black	End cover for slim surface-mounted profile Black
81231938-039	Black	Start cover for slim surface-mounted profile Black
81270000-239	-	Clamp for recessed mount
81270100-139	-	Clips for surface-mounted profile

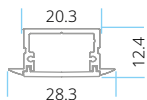
MINI SURFACE-MOUNTED PROFILE



ART. NO.	FINISH	DESCRIPTION
81201733-039	Aluminium	Mini surface-mounted profile for LedFlex
81201738-039	Black	LedFlex mini surface-mounted profile Black
81221733-039	Grey	End cover for mini surface-mounted profile
81231733-039	Grey	Start cover for mini surface-mounted profile
81221738-039	Black	End cover for mini surface-mounted profile Black
81231738-039	Black	Start cover for mini surface-mounted profile Black
81271700-139	-	Mini profile mounting clip
81211610-039	-	Opal diffuser for mini profile

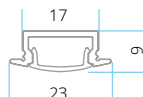
RECESSED PROFILE

RECESSED PROFILE



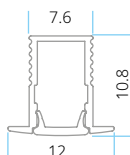
ART. NO.	FINISH	DESCRIPTION
81200033-039	Aluminium	Recessed profile for LedFlex
81200038-039	Black	Recessed profile for LedFlex Black
81210012-039	Transparent	Transparent diffuser profile Recessed
81210010-039	Opal	Opal diffuser for recessed profile
81220000-039	Aluminium	End cover for recessed profile
81230000-039	Aluminium	Start cover for recessed profile
81220038-039	Black	End cover for recessed profile black
81230038-039	-	Start cover for recessed profile black

SLIM RECESSED PROFILE



ART. NO.	FINISH	DESCRIPTION
81201833-039	Aluminium	Slim recessed profile for LedFlex
81201830-039	White	Slim recessed profile for LedFlex White
81201838-039	Black	Slim recessed profile for LedFlex Black
81210112-039	Transparent	Multiple transparent diffuser profile
81211910-039	Opal	Opal diffuser for slim profile
81221833-039	Grey	End cap for slim recessed profile
81231833-039	Grey	Start cover for slim recessed profile
81221830-040	White	End cover for slim recessed profile White
81231830-040	White	Start cover for slim recessed profile White
81221838-041	Black	End cover for slim recessed profile Black
81231838-041	Black	Start cover for slim recessed profile Black

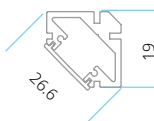
MINI RECESSED PROFILE



ART. NO.	FINISH	DESCRIPTION
81201633-039	Aluminium	Mini recessed profile for LedFlex
81201638-039	Black	Mini recessed profile for LedFlex Black
81221633-039	Grey	End cover for mini recessed profile
81231633-039	Grey	Start cover for mini recessed profile
81221638-039	Black	End cover for mini recessed profile Black
81231638-039	Black	Start cover for mini recessed profile Black
81271700-139	-	Mini profile mounting clip
81211610-039	Opal	Opal diffuser for mini profile

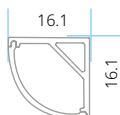
ANGLE PROFILE

FLUSH ANGLE PROFILE



ART. NO.	FINISH	DESCRIPTION
81200233-039	Aluminium	Angle profile for LedFlex
81210210-039	Opal	Opal diffuser for hanging and angle profile
81210213-039	-	Lens diffuser for LedFlex angle profile
81220200-039	Grey	End cover for angle profile
81230200-039	Grey	Start cover for angle profile
81270200-139	-	Angle profile mounting clip

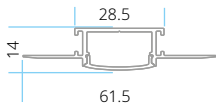
ROUNDED ANGLE PROFILE



ART. NO.	FINISH	DESCRIPTION
81200633-039	Aluminium	Rounded angle profile for LedFlex
81210611-039	Opal	Opal diffuser for rounded angle profile
81220600-039	Grey	End cover for rounded angle profile
81230600-039	Grey	Start cover for rounded angle profile
81270600-139	-	Rounded angle profile mounting clip

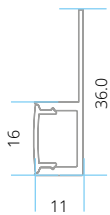
ARCHITECTURAL PROFILE

INTEGRATED PLASTER PROFILE



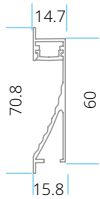
ART. NO.	FINISH	DESCRIPTION
81202233-039	Aluminium	Plaster profile for LedFlex
81212210-039	Translucent	Translucent diffuser for plaster profile
81222200-039	Grey	End cover for plaster profile
81232200-039	Grey	Start cover for plaster profile

INTEGRATED TILE PROFILE



ART. NO.	FINISH	DESCRIPTION
81202033-039	Aluminium	Architectural profile for LedFlex
81222000-039	Grey	End cover for Architectural profile
81232000-039	Grey	Start cover for Architectural profile
81210112-039	Transparent	Multiple transparent diffuser profile
81210110-039	Opal	Opal diffuser for surface-mounted profile

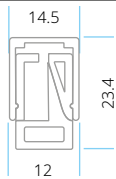
INTEGRATED BASEBOARD PROFILE



ART. NO.	FINISH	DESCRIPTION
81200933-039	Aluminium	Baseboard profile for LedFlex
81200930-039	White	Baseboard profile for LedFlex White
81210910-039	Opal	Opal diffuser for baseboard profile
81220900-039	Grey	Baseboard profile covers Kit
81220930-039	White	Baseboard profile covers kit White

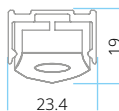
FLEXIBLE PROFILE

FLEXIBLE HORIZONTAL PROFILE



ART. NO.	FINISH	DESCRIPTION
81208030-039	White	Flexible horizontal profile for LedFlex
81238000-039	Grey	End cover for flexible horizontal profile for LedFlex
81228000-039	Grey	Start cover for flexible horizontal profile for LedFlex
81278030-139	-	Flexible horizontal profile mounting clip

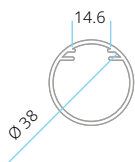
FLEXIBLE VERTICAL PROFILE



ART. NO.	FINISH	DESCRIPTION
81208060-039	White	Flexible vertical profile for LedFlex
81228020-039	Grey	End cover for flexible vertical profile for LedFlex
81238020-039	Grey	Start cover for flexible vertical profile for LedFlex
81278060-139	-	Flexible vertical profile mounting clip

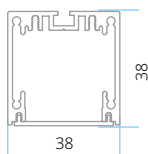
SUSPENDED PROFILE

CYLINDRICAL OPAL PROFILE



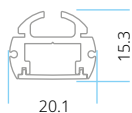
ART. NO.	FINISH	DESCRIPTION
81202310-039	Opal	Cylindrical opal profile for LedFlex
81222300-039	Opal	Cover for cylindrical profile for LedFlex
81272300-039	Aluminium	Internal plate for cylindrical profile
81272300-139	-	Cylindrical profile mounting clip
81272330-339	-	Accessory Cylindrical suspended profile White
81272338-339	-	Accessory Cylindrical suspended profile White

SQUARE SUSPENDED PROFILE



ART. NO.	FINISH	DESCRIPTION
81200833-039	Aluminium	Suspended profile for LedFlex
81200830-039	White	Suspended profile for LedFlex White
81200838-039	Black	Suspended profile for LedFlex Black
81210811-039	Translucent	Translucent diffuser for suspended profile
81220800-039	Grey	Cover for suspended profile
81220830-039	White	Cover for suspended profile White
81220838-039	Black	Cover for suspended profile Black
81270800-339	-	Suspended profile accessory

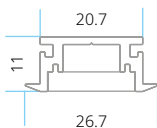
ROUNDED ANGLE PROFILE



ART. NO.	FINISH	DESCRIPTION
81200533-039	Aluminium	Rounded pendant profile for LedFlex
81200538-039	Black	Rounded pendant profile for LedFlex Black
81220500-039	Grey	End cover for pendant profile
81230500-039	Grey	Start cover for pendant profile
81220538-039	Black	End cover for pendant profile black
81230538-039	Black	Start cover for pendant profile black
81210210-039	Opal	Opal diffuser for hanging and angle profile
81270500-539	-	Lateral support for pendant profile
81270500-639	-	Central support for pendant profile

RECESSED INTO THE FLOOR

WALKABLE PROFILE



ART. NO.	FINISH	DESCRIPTION
81201533-039	Aluminium	Floor profile for LedFlex
81221500-039	Grey	Cover for walkable profile for LedFlex
81211510-039	Opal	Opal diffuser for LedFlex floor profile
81271500-039	-	Epoxy resin for walkable LedFlex profiles

COMPATIBILITY TABLE
STRIPS/PROFILES

Simon LED Strip	SURFACE-MOUNTED	ANGLE	ROUNDED ANGLE	SUSPENDED	RECESSED	BASEBOARD	MINI RECESSED	MINI SURFACE	SLIM RECESSED
Essential / Essential PRO 810.*3 IP20	●	●	●	●	●	●	○	○	●
Essential / Essential PRO 810.*3 IP65	●	●	○	●	●	●	○	○	●
Essential / Essential PRO 810.*5 IP20	●	●	●	●	●	●	○	○	●
Essential / Essential PRO 810.*5 IP65	●	●	○	●	●	●	○	○	●
Essential / Essential PRO 810.*6 IP20	●	●	●	●	●	●	○	○	●
Essential / Essential PRO 810.*6 IP65	●	●	○	●	●	●	○	○	●
Essential / Essential PRO 810.*8 IP20	●	●	●	●	○	●	○	○	○
Essential / Essential PRO 810.*8 IP65	●	●	○	●	○	●	○	○	○
Power supply	●	●	●	●	●	●	○	○	●
High-Efficiency 128 LED/m IP20	●	●	●	●	●	●	○	○	●
High-Efficiency 128 LED/m IP65	●	●	○	●	●	●	○	○	●
High-Efficiency 240 LED/m IP20	●	●	●	●	●	●	○	○	●
High-Efficiency 240 LED/m IP65	●	●	○	●	●	●	○	○	●
RGB IP20	●	●	●	●	●	●	○	○	●
RGB IP65	●	●	○	●	○	●	○	○	○
RGB + 2700 K IP20	●	●	●	●	○	●	○	○	○
RGB + 2700 K IP65	●	●	○	●	●	●	○	○	●
BIODYNAMIC IP20	●	●	●	●	●	●	○	○	●
BIODYNAMIC IP65	●	●	○	●	●	●	○	○	●
CONTOUR	●	●	●	●	●	●	○	○	●
WIDTH 5mm	●	●	●	●	●	●	●	●	●
Power stabiliser IP20	●	●	●	●	○	●	○	○	○
Power stabiliser IP65	●	●	○	●	○	●	○	○	○

● Compatible ○ Not compatible

SLIM SURFACE	ROUND PENDANT	INTERIOR FLOOR	ARCHITECTURAL	CABLING	PLASTER	CYLINDRICAL OPAL	FLEXIBLE HORIZONTAL	FLEXIBLE VERTICAL	Simon LED Strip
●	●	●	●	●	●	●	○	○	Essential / Essential PRO 810.*3 IP20
○	○	○	●	●	●	●	●	●	Essential / Essential PRO 810.*3 IP65
●	●	●	●	●	●	●	○	○	Essential / Essential PRO 810.*5 IP20
○	○	○	●	●	●	●	●	●	Essential / Essential PRO 810.*5 IP65
●	●	●	●	●	●	●	○	○	Essential / Essential PRO 810.*6 IP20
○	○	○	●	●	●	●	○	○	Essential / Essential PRO 810.*6 IP65
●	●	●	●	●	●	●	○	○	Essential / Essential PRO 810.*8 IP20
○	○	○	●	●	●	●	○	○	Essential / Essential PRO 810.*8 IP65
●	●	●	●	●	●	●	○	○	Power supply
●	●	●	●	●	●	●	○	○	High-Efficiency 128 LED/m IP20
○	○	○	●	●	●	●	●	●	High-Efficiency 128 LED/m IP65
●	●	●	●	●	●	●	○	○	High-Efficiency 240 LED/m IP20
○	○	○	●	●	●	●	○	○	High-Efficiency 240 LED/m IP65
●	●	●	●	●	●	●	○	○	RGB IP20
○	○	○	●	●	●	●	○	○	RGB IP65
●	●	●	●	●	●	●	○	○	RGB + 2700 K IP20
○	○	○	●	●	●	●	○	○	RGB + 2700 K IP65
●	●	●	●	●	●	●	○	○	BIODYNAMIC IP20
○	○	○	●	●	●	●	○	○	BIODYNAMIC IP65
●	●	●	●	●	●	●	○	○	CONTOUR
●	●	●	●	●	●	●	○	○	WIDTH 5mm
●	●	●	●	●	●	●	○	○	Power stabiliser IP20
○	○	○	●	●	●	●	○	○	Power stabiliser IP65



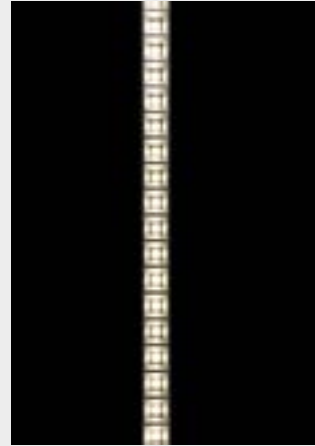
INTELLIGENT
CONTROL



SLIM&DROP



810



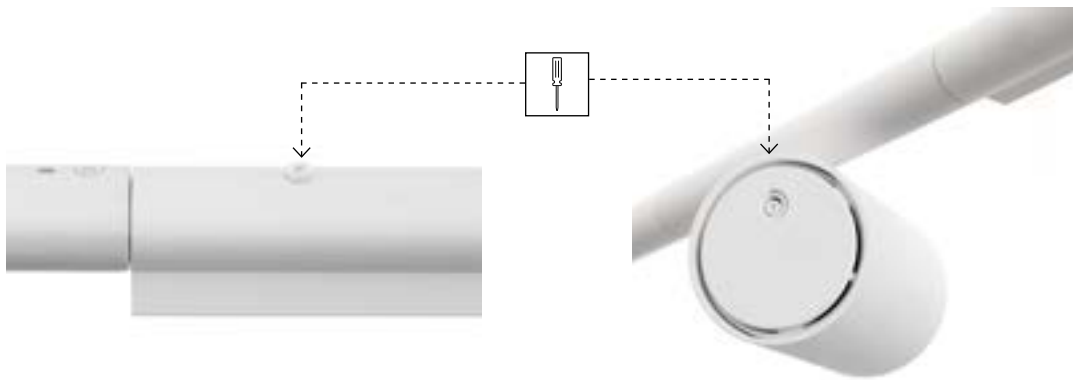
860

**INDIVIDUALISED
CONTROL**

In installations formed of luminaires that incorporate DALI protocol, you can control and adjust the lights individually, turning them on or off or dimming them point by point.

SLIM&DROP

Some versions have an on-board dimmer, allowing the light intensity to be adjusted manually on the luminaire itself.







DOWNLIGHTS



ARCH
80



HOLE
88



703
104



704
110



800
116



725
124



715
130



640
134

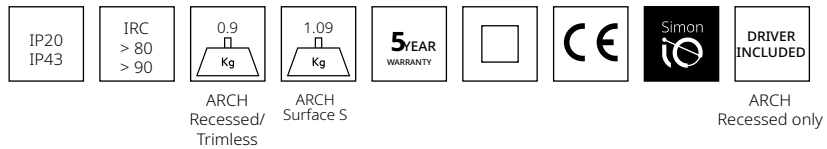
Simon | ARCH

Downlight

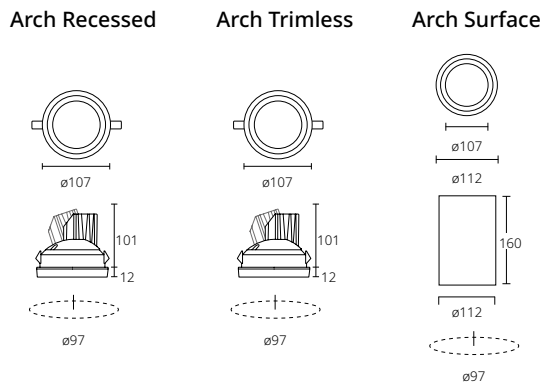


Arch is simplicity and elegance. Shapes that excite. Arch is a directional, groupable luminaire available as recessed, trimless or surface-mounted. Arch is suitable for general lighting or for highlighting a particular area within a space.





DIMENSIONS AND FASTENING SYSTEMS



Installation Recessed, Trimless (X-Less accessory), Surface

PHYSICAL CHARACTERISTICS AND MATERIALS

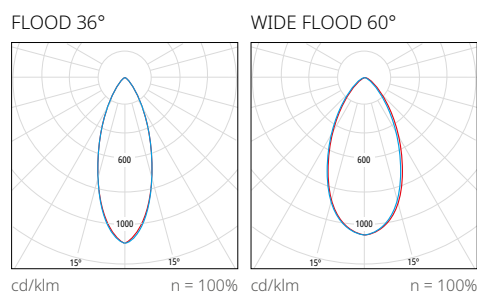
IP 20, 43 Recessed
Body material Aluminium
Diffuser material Polycarbonate
Orientation 360° - 25° (round) / 25° (square)
Finishes ○ White 00 ● Black 88

TECHNICAL CHARACTERISTICS

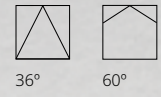
Working temperature from 0 °C to 35 °C
Power 9W
Actual light flux 600 lm - 1000 lm
Actual efficiency <111lm/W
Dimming 1-10V, DALI, On-Off
Opening angle Flood 36°, Wide Flood 60°
Colour Temperature 2700K, 3000K, 4000K
MacAdam ellipses <3-Step MacAdam
IRC 80 / 90 R9>50
Flux maintenance L90 > 30,000h at 25°C, L70 >100,000h at 25°C
Service life 50,000 h
Supply voltage DALI: 110-240V 50 / 60Hz, 1-10V : 220-240V 50 / 60Hz
Power factor (cos φ at max. charge) DALI> 0.9, 1-10V> 0.55

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION



ARCH RECESSED

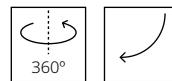


ARCH TRIMLESS



ARCH S





360° rotation on the vertical axis, 25° on the horizontal.

An innovative bidirectional rotation system designed for the round versions, with 360° vertical axis rotation and 25° horizontal axis rotation. This system allows you to orient the light in any direction without having to move the luminaire.

EFFICIENCY AND
COMFORT

The Arch optical group emits light to create a diffused effect that fully illuminates the luminaire's diffuser, giving a stylish appearance and exceptional sensation of visual comfort.

Easily directable Flood 36° and Wide Flood 60° optics.



INTEGRATED INTO THE SPACE

The new patented X-Less installation system allows seamless integration of the luminaire into the wall, guaranteeing excellent lighting quality and avoiding surface imperfections. Ideal for the most demanding interior design projects.

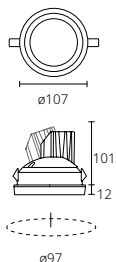


X-Less system. See page 252



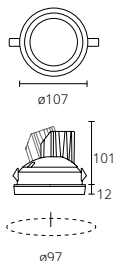
ARCH

ARCH RECESSED ROUND



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91551002-2**	1-10V Push&Dim*	Recessed	Flood 36°	2700	9	700	77
91551002-3**	1-10V Push&Dim*	Recessed	Flood 36°	3000	9	700	77
91551002-4**	1-10V Push&Dim*	Recessed	Flood 36°	4000	9	900	100
91551003-2**	1-10V Push&Dim*	Recessed	Wide Flood 60°	2700	9	600	66
91551003-3**	1-10V Push&Dim*	Recessed	Wide Flood 60°	3000	9	600	66
91551003-4**	1-10V Push&Dim*	Recessed	Wide Flood 60°	4000	9	750	83
91552002-2**	DALI	Recessed	Flood 36°	2700	9	700	77
91552002-3**	DALI	Recessed	Flood 36°	3000	9	700	77
91552002-4**	DALI	Recessed	Flood 36°	4000	9	900	100
91552003-2**	DALI	Recessed	Wide Flood 60°	2700	9	600	66
91552003-3**	DALI	Recessed	Wide Flood 60°	3000	9	600	66
91552003-4**	DALI	Recessed	Wide Flood 60°	4000	9	750	83

ARCH TRIMLESS ROUND



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91563002-2**	-	Trimless	Flood 36°	2700	9	700	77
91563002-3**	-	Trimless	Flood 36°	3000	9	700	77
91563002-4**	-	Trimless	Flood 36°	4000	9	900	100
91563003-2**	-	Trimless	Wide Flood 60°	2700	9	600	66
91563003-3**	-	Trimless	Wide Flood 60°	3000	9	600	66
91563003-4**	-	Trimless	Wide Flood 60°	4000	9	750	83

PATENTED X-LESS TRIMLESS SYSTEM

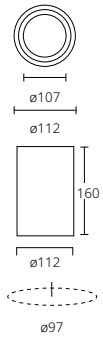
ART. NO.	CONTROL	INSTALLATION	DESCRIPTION
91591019-999	1-10V Push&Dim*	Trimless	X-Less 1 Gear included
91592019-999	DALI	Trimless	X-Less 1 Gear included

ACCESSORIES

ART. NO.	DESCRIPTION
91592019-000	X-Less Connector accessory (2 units)

* Consult technical compatibilities for Push&Dim

ARCH SURFACE-MOUNT S ROUND



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91531002-2**	1-10V Push&Dim*	Surface-mounted	Flood 36°	2700	9	700	77
91531002-3**	1-10V Push&Dim*	Surface-mounted	Flood 36°	3000	9	700	77
91531002-4**	1-10V Push&Dim*	Surface-mounted	Flood 36°	4000	9	900	100
91531003-2**	1-10V Push&Dim*	Surface-mounted	Wide Flood 60°	2700	9	600	66
91531003-3**	1-10V Push&Dim*	Surface-mounted	Wide Flood 60°	3000	9	600	66
91531003-4**	1-10V Push&Dim*	Surface-mounted	Wide Flood 60°	4000	9	750	83
91532002-2**	DALI	Surface-mounted	Flood 36°	2700	9	700	77
91532002-3**	DALI	Surface-mounted	Flood 36°	3000	9	700	77
91532002-4**	DALI	Surface-mounted	Flood 36°	4000	9	900	100
91532003-2**	DALI	Surface-mounted	Wide Flood 60°	2700	9	600	66
91532003-3**	DALI	Surface-mounted	Wide Flood 60°	3000	9	600	66
91532003-4**	DALI	Surface-mounted	Wide Flood 60°	4000	9	750	83

* Consult technical compatibilities for Push&Dim

HOLE 25



HOLE 50



HOLE 110



Simon | HOLE

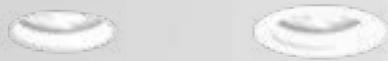
Downlight

Hole recreates the physical effect of pure light making its way into your space through tiny gaps in the architecture. With a luminous, poetic and abstract essence, it's capable of provoking a variety of sensations in those who experience it.

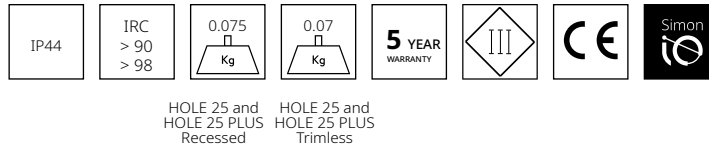




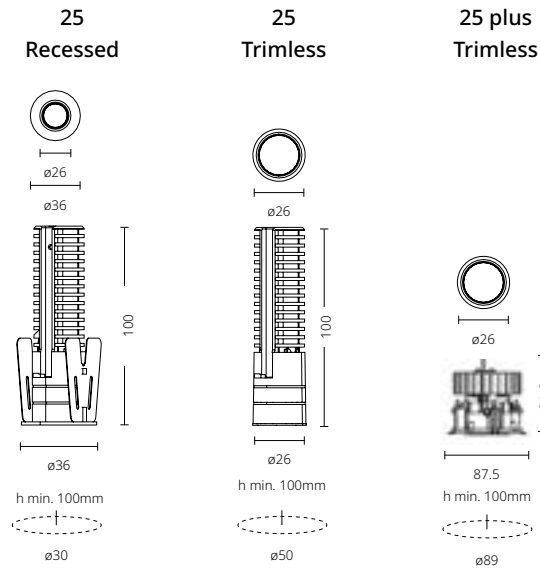
HOLE 25



Simon | **HOLE**
Downlight



DIMENSIONS AND INSTALLATION



Installation Recessed and Trimless

PHYSICAL CHARACTERISTICS AND MATERIALS

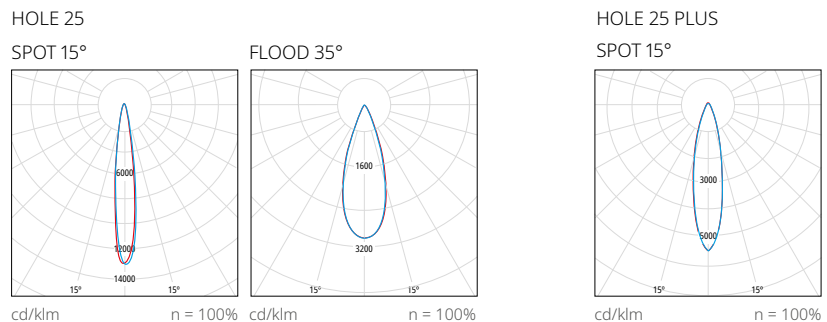
IP 44
Body material Aluminium
Finishes White / Black

TECHNICAL CHARACTERISTICS

Working temperature from 0 °C to 35 °C
Power HOLE 25: 3.5W | HOLE 25 PLUS: 9.5W
Actual light flux HOLE 25: 215 lm -299 lm | HOLE 25 PLUS: 430 lm / 550 lm
Actual efficiency HOLE 25: <85 lm/W | HOLE 25 PLUS: <58 lm/W
Dimming 1-10V / DALI / On-Off
Opening angle Spot 15° / Flood 35°
Colour Temperature 2700K, 3000K, 4000K
MacAdam ellipses <3-Step MacAdam
IRC >90, >98, R9>50
Light flux maintenance L90>40,000 h at 25°C (L90 B50) / L70>150,000h at 25°C (L70 B50)
Service life 50,000 h
Supply voltage 220-240V / 50-60Hz
Operating current/voltage 11.3 Vdc / 300 mA (max)

PHOTOMETRICS

— C0 - C180 — C90 - C270



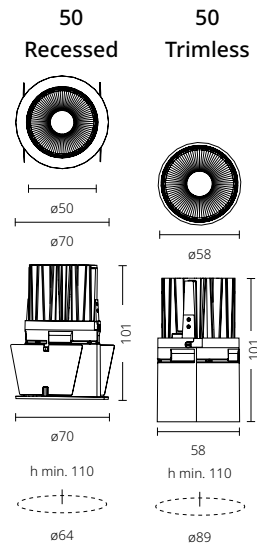
HOLE 50



Simon | **HOLE**
Downlight



DIMENSIONS AND INSTALLATION



Installation Recessed and Trimless

PHYSICAL CHARACTERISTICS AND MATERIALS

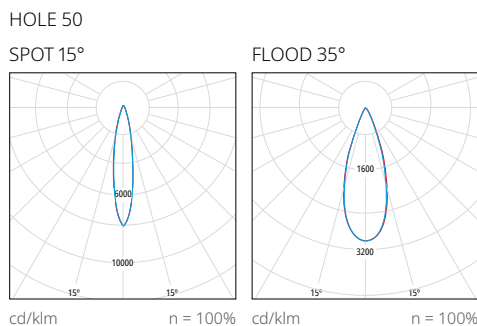
IP 20
Body material Aluminium
Finishes White / Black

TECHNICAL CHARACTERISTICS

Working temperature from 0 °C to 35 °C
Power 9W
Actual light flux 610 lm/ 700 lm
Actual efficiency <93.3lm/W
Dimming 1-10V / DALI / On-Off
Opening angle Spot 15° / Flood 35°
Colour Temperature 2700K, 3000K, 4000K
MacAdam ellipses <3-Step MacAdam
IRC >90 >98 R9>50
Light flux maintenance L90>40,000 h at 25°C (L90 B50) / L70>150,000h at 25°C (L70 B50)
Service life 50,000 h
Supply voltage 220-240V / 50-60Hz
Operating current/voltage 33 Vdc, max 260 mA

PHOTOMETRICS

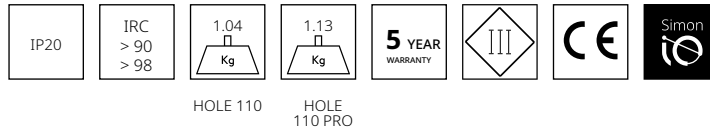
— C0 - C180 — C90 - C270



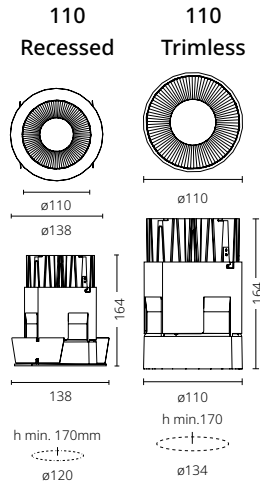
HOLE 110



Simon | **HOLE**
Downlight



DIMENSIONS AND
INSTALLATION



Installation Recessed and Trimless

PHYSICAL
CHARACTERISTICS
AND MATERIALS

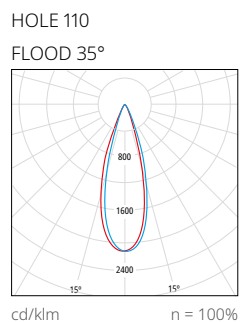
IP 20
Body material Aluminium
Finishes White-White / Black-Black

TECHNICAL
CHARACTERISTICS

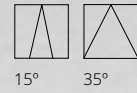
Working temperature from 0 °C to 35 °C
Power 24W
Actual light flux 1210 lm - 1400 lm
Actual efficiency <87lm/W
Dimming 1-10V / DALI / On-Off
Opening angle Flood 35°
Colour Temperature 2700K, 3000K, 4000K
MacAdam ellipses <3-Step MacAdam
IRC >90, >98, R9>50
Light flux maintenance L90B50 > 40,000h at 25° / L70B50 > 150,000h at 25°
Service life 50,000 h
Supply voltage 220-240V / 50-60Hz
Operating current/voltage 33 Vdc, max 650 mA

PHOTOMETRICS

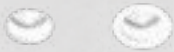
— C0 - C180 — C90 - C270



PRODUCT COLLECTION



HOLE 25
Trimless / Recessed



HOLE 50
Trimless / Recessed



HOLE 110
Trimless / Recessed



Optics at different apertures allow them to contribute to many different spaces.

Depending on the context and desired tone, you can choose either warm or cool lighting (2700 K-3000 K-4000 K) with a CRI of 90 and 98.

Maximum customisation for the creative and lighting needs of each project.

COMPOSITIONS

The different models that make up the Hole family can be used as individual luminaires or grouped together, allowing us to create artistic or functional compositions tailored to the space around them.



SHAPING THE SPACE

Lighting creates a welcoming environment for us, where the beauty of detail is more important than the technology that makes it possible.

Hole discretely shapes the space. It is almost invisible, but becomes apparent when illuminated.



INTEGRATED INTO THE SPACE

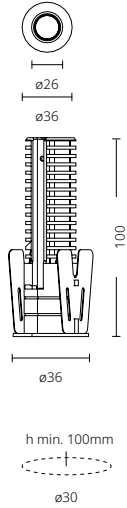
The patented X-Less installation system allows seamless integration of the luminaire into the wall, guaranteeing excellent lighting quality and avoiding surface imperfections. Ideal for the most demanding interior design projects.



X-Less system. See page 252

HOLE

HOLE 25 RECESSED



ART. NO.	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91410911-2**	Recessed	Spot 15°	2700 CRI90	3.5	254	72
91410911-3**	Recessed	Spot 15°	3000 CRI90	3.5	266	76
91410911-4**	Recessed	Spot 15°	4000 CRI90	3.5	299	85
91410912-2**	Recessed	Flood 35°	2700 CRI90	3.5	215	61
91410912-3**	Recessed	Flood 35°	3000 CRI90	3.5	222	63
91410912-4**	Recessed	Flood 35°	4000 CRI90	3.5	249	71

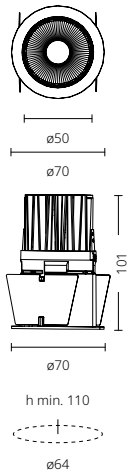
EQUIPMENT

ART. NO.	CONTROL
91493099-999	On-Off
91493199-999	1-10V Push Dim*
91493299-999	DALI

X-LESS REGISTER BOX

ART. NO.	DESCRIPTION
99981000-900	X-Less Ceiling Register Box White
99981000-977	X-Less Ceiling Register Box Primer

HOLE 50 RECESSED

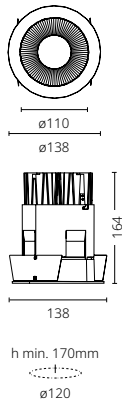


ART. NO.	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91411931-2**	Recessed	Spot 20°	2700 CRI98	9	610	67
91411931-3**	Recessed	Spot 20°	3000 CRI98	9	640	71
91411931-4**	Recessed	Spot 20°	4000 CRI98	9	700	77
91411932-2**	Recessed	Flood 35°	2700 CRI98	9	610	67
91411932-3**	Recessed	Flood 35°	3000 CRI98	9	640	71
91411932-4**	Recessed	Flood 35°	4000 CRI98	9	700	77

EQUIPMENT

ART. NO.	CONTROL
91491099-999	On-Off
91491199-999	1-10V Push Dim*
91491299-999	DALI

HOLE 110 RECESSED

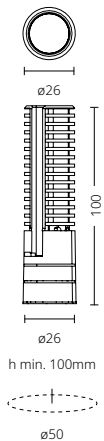


ART. NO.	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91412932-2**	Recessed	Flood 35°	2700 CRI98	24	1210	50
91412932-3**	Recessed	Flood 35°	3000 CRI98	24	1270	52
91412932-4**	Recessed	Flood 35°	4000 CRI98	24	1400	58

EQUIPMENT

ART. NO.	CONTROL
91492099-999	On-Off
91492199-999	1-10V Push Dim*
91492299-999	DALI

HOLE 25 TRIMLESS



ART. NO.	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91420911-2**	Trimless	Spot 15°	2700 CRI90	3.5	254	72
91420911-3**	Trimless	Spot 15°	3000 CRI90	3.5	266	76
91420911-4**	Trimless	Spot 15°	4000 CRI90	3.5	299	85
91420912-2**	Trimless	Flood 35°	2700 CRI90	3.5	215	61
91420912-3**	Trimless	Flood 35°	3000 CRI90	3.5	222	63
91420912-4**	Trimless	Flood 35°	4000 CRI90	3.5	249	71

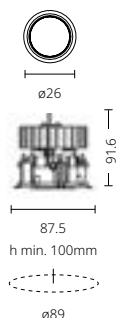
EQUIPMENT

ART. NO.	CONTROL
91493099-999	On-Off
91493199-999	1-10V Push Dim*
91493299-999	DALI

X-LESS ACCESSORIES

ART. NO.	DESCRIPTION
99920259-199	X-Less Accessory Hole 25
99920279-999	X-Less Connection Accessory Hole 25

HOLE 25 PLUS TRIMLESS



ART. NO.	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91420983-2**	Trimless	Spot 15°	2700 CRI90	9.5	430	45
91420983-3**	Trimless	Spot 15°	3000 CRI90	9.5	440	46
91420983-4**	Trimless	Spot 15°	4000 CRI90	9.5	550	57

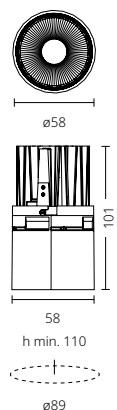
EQUIPMENT

ART. NO.	CONTROL
91493399-999	On-Off
91493599-999	DALI
91493499-999	1-10V Push Dim*

X-LESS ACCESSORIES

ART. NO.	DESCRIPTION
99981000-900	X-Less Ceiling Register Box White
99981000-977	X-Less Ceiling Register Box Primer
99920259-199	X-Less Accessory Hole 25
99920279-999	X-Less Connection Accessory Hole 25

HOLE 50 TRIMLESS



ART. NO.	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91421931-2**	Trimless	Spot 15°	2700 CRI98	9	610	67
91421931-3**	Trimless	Spot 15°	3000 CRI98	9	640	71
91421931-4**	Trimless	Spot 15°	4000 CRI98	9	700	77
91421932-2**	Trimless	Flood 35°	2700 CRI98	9	610	67
91421932-3**	Trimless	Flood 35°	3000 CRI98	9	640	71
91421932-4**	Trimless	Flood 35°	4000 CRI98	9	700	77

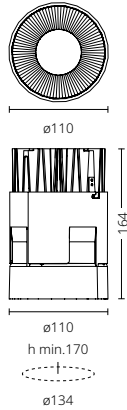
EQUIPMENT

ART. NO.	CONTROL
91491099-999	On-Off
91491199-999	DALI
91491299-999	1-10V Push Dim*

X-LESS ACCESSORIES

ART. NO.	DESCRIPTION
99920509-199	X-Less Accessory Hole 50
99920529-999	X-Less Connection Accessory Hole 50

HOLE 110 TRIMLESS



ART. NO.	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91422932-2**	Trimless	Flood 35°	2700 CRI98	24	1210	50
91422932-3**	Trimless	Flood 35°	3000 CRI98	24	1270	52
91422932-4**	Trimless	Flood 35°	4000 CRI98	24	1400	58

EQUIPMENT

ART. NO.	CONTROL
91492099-999	On-Off
91492199-999	DALI
91492299-999	1-10V Push Dim*

X-LESS ACCESSORIES

ART. NO.	DESCRIPTION
99920110-199	X-Less Accessory Hole 110
99921129-999	X-Less Connection Accessory Hole 110



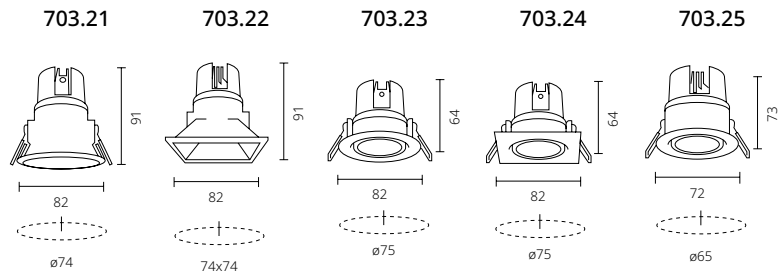
Simon | **703**
Downlight

Collection of small downlights with a compact design. Versions with extensive optics for general lighting and intensive optics for accent lighting.

High-efficiency and glare control in a small size for discreet installation in the ceiling, creating a comfortable environment.



DIMENSIONS AND FASTENING SYSTEMS



Recessed **Installation**

PHYSICAL CHARACTERISTICS AND MATERIALS

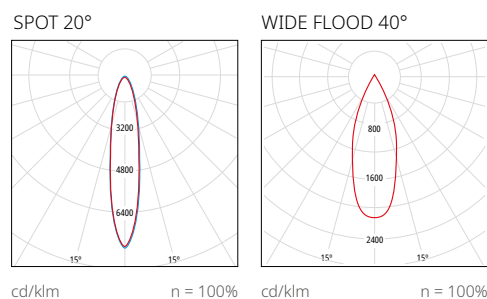
IP 20 | .21/.22 (installed): 44 | .25 (installed): 65
Body material Aluminium
Diffuser material Polycarbonate
Orientation 703.23/ 703.24 : 30°
Finishes ○ White 30 ● Black 38

TECHNICAL CHARACTERISTICS

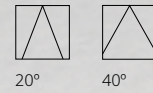
Operating temperature -15°C to 35°C
Power 703: 7.5W
Actual light flux 703.21/ .22: 630lm - 680lm | 703.23/ .24: 700lm | 703.25: 680lm
Actual efficiency <90lm/W
Dimming On-Off, DALI
Opening angle 703.21/ .22/ .23/ .24: Spot 20°, Wide Flood 40° | 703.25: Wide Flood 40°
Colour Temperature 2700K, 3000K, 4000K
MacAdam ellipses <3-Step MacAdam
IRC 80
Light flux maintenance L70>60,000 h at 25°C
Service life 30,000 h
Supply voltage DALI: 100 - 240 V / 50-60 Hz | ON-OFF: 230 V
Power factor (cos φ at max. charge) > 0.95

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION



703.21

703.22

703.23

703.24

703.25



FIXED AND DIRECTIONAL
VERSIONS

COMPACT
DESIGN



The discreet and functional design of the fixed versions provides greater visual comfort by preventing glare.

Directional versions allow both accent and general lighting. Its $\pm 30^\circ$ tilt allows the light to be directed.

Compact design, minimalist aesthetics, and perfect integration into the ceiling. The thermal dissipation system allows for a better evacuation of heat from the LED, guaranteeing the service life of the light source.

Simple jack-style installation system for quick electrical and mechanical connection.

WATERPROOF

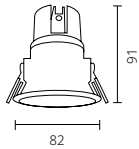
The Downlight 703 model is available in versions with a high IP65 protection level.

As these are waterproof, they can be installed in damp environments such as bathrooms and kitchens



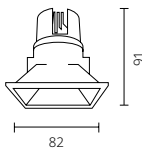
703

703.21



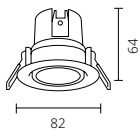
ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
703210**-282	On-Off	Recessed	Spot 20°	2700	7.5	600	90
703210**-283	On-Off	Recessed	Spot 20°	3000	7.5	630	90
703210**-284	On-Off	Recessed	Spot 20°	4000	7.5	680	90
703210**-482	On-Off	Recessed	W. Flood 40°	2700	7.5	600	90
703210**-483	On-Off	Recessed	W. Flood 40°	3000	7.5	630	90
703210**-484	On-Off	Recessed	W. Flood 40°	4000	7.5	680	90
703213**-282	DALI / Push	Recessed	Spot 20°	2700	7.5	600	90
703213**-283	DALI / Push	Recessed	Spot 20°	3000	7.5	630	90
703213**-284	DALI / Push	Recessed	Spot 20°	4000	7.5	680	90
703213**-482	DALI / Push	Recessed	W. Flood 40°	2700	7.5	600	90
703213**-483	DALI / Push	Recessed	W. Flood 40°	3000	7.5	630	90
703213**-484	DALI / Push	Recessed	W. Flood 40°	4000	7.5	680	90

703.22



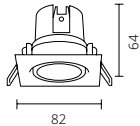
ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
703220**-282	On-Off	Recessed	Spot 20°	2700	7.5	600	90
703220**-283	On-Off	Recessed	Spot 20°	3000	7.5	630	90
703220**-284	On-Off	Recessed	Spot 20°	4000	7.5	680	90
703220**-482	On-Off	Recessed	W. Flood 40°	2700	7.5	600	90
703220**-483	On-Off	Recessed	W. Flood 40°	3000	7.5	630	90
703220**-484	On-Off	Recessed	W. Flood 40°	4000	7.5	680	90
703223**-282	DALI / Push	Recessed	Spot 20°	2700	7.5	600	90
703223**-283	DALI / Push	Recessed	Spot 20°	3000	7.5	630	90
703223**-284	DALI / Push	Recessed	Spot 20°	4000	7.5	680	90
703223**-482	DALI / Push	Recessed	W. Flood 40°	2700	7.5	600	90
703223**-483	DALI / Push	Recessed	W. Flood 40°	3000	7.5	630	90
703223**-484	DALI / Push	Recessed	W. Flood 40°	4000	7.5	680	90

703.23



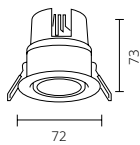
ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
703230**-282	On-Off	Recessed	Spot 20°	2700	7.5	620	93
703230**-283	On-Off	Recessed	Spot 20°	3000	7.5	650	93
703230**-284	On-Off	Recessed	Spot 20°	4000	7.5	700	93
703230**-482	On-Off	Recessed	W. Flood 40°	2700	7.5	620	93
703230**-483	On-Off	Recessed	W. Flood 40°	3000	7.5	650	93
703230**-484	On-Off	Recessed	W. Flood 40°	4000	7.5	700	93
703233**-282	DALI / Push	Recessed	Spot 20°	2700	7.5	620	93
703233**-283	DALI / Push	Recessed	Spot 20°	3000	7.5	650	93
703233**-284	DALI / Push	Recessed	Spot 20°	4000	7.5	700	93
703233**-482	DALI / Push	Recessed	W. Flood 40°	2700	7.5	620	93
703233**-483	DALI / Push	Recessed	W. Flood 40°	3000	7.5	650	93
703233**-484	DALI / Push	Recessed	W. Flood 40°	4000	7.5	700	93

703.24



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
703240**-282	On-Off	Recessed	Spot 20°	2700	7.5	620	93
703240**-283	On-Off	Recessed	Spot 20°	3000	7.5	650	93
703240**-284	On-Off	Recessed	Spot 20°	4000	7.5	700	93
703240**-482	On-Off	Recessed	W. Flood 40°	2700	7.5	620	93
703240**-483	On-Off	Recessed	W. Flood 40°	3000	7.5	650	93
703240**-484	On-Off	Recessed	W. Flood 40°	4000	7.5	700	93
703243**-282	DALI / Push	Recessed	Spot 20°	2700	7.5	620	93
703243**-283	DALI / Push	Recessed	Spot 20°	3000	7.5	650	93
703243**-284	DALI / Push	Recessed	Spot 20°	4000	7.5	700	93
703243**-482	DALI / Push	Recessed	W. Flood 40°	2700	7.5	620	93
703243**-483	DALI / Push	Recessed	W. Flood 40°	3000	7.5	650	93
703243**-484	DALI / Push	Recessed	W. Flood 40°	4000	7.5	700	93

703.25



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
703250**-482	On-Off	Recessed	W. Flood 40°	2700	7.5	600	90
703250**-483	On-Off	Recessed	W. Flood 40°	3000	7.5	630	90
703250**-484	On-Off	Recessed	W. Flood 40°	4000	7.5	680	90
703253**-482	DALI / Push	Recessed	W. Flood 40°	2700	7.5	600	90
703253**-483	DALI / Push	Recessed	W. Flood 40°	3000	7.5	630	90
703253**-484	DALI / Push	Recessed	W. Flood 40°	4000	7.5	680	90



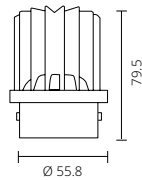
Simon | **704**
Downlight

Downlights with a small format and compact design. The optics can be combined with different frames, making different types of extensive optics for general lighting and intensive optics for accent lighting.



DIMENSIONS AND FASTENING SYSTEMS

704 Modules



Recessed **Installation**

PHYSICAL CHARACTERISTICS AND MATERIALS

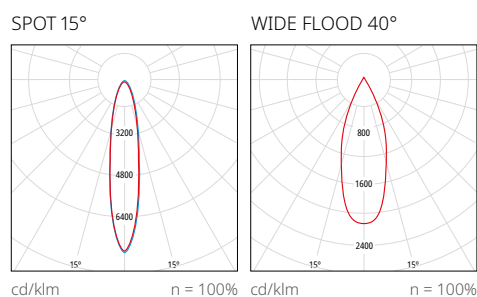
IP 20 | Frames installed: 44 | Optical group: 65
Body material Aluminium
Diffuser material Polycarbonate
Orientation 704.23/ 704.24 : 30°
Finishes ○ White 30 ● Black 38

TECHNICAL CHARACTERISTICS

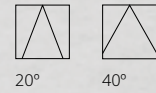
Operating temperature from -15°C to 35°C
Power 12W
Actual flux 1015lm - 1030lm - 1060lm - 1070lm - 1085lm - 1101lm
Actual efficiency >90lm/W
Dimming On-Off, DALI/PUSH
Opening angle Spot 15° / Wide Flood 40°
Colour Temperature 2700K, 3000K, 4000K
MacAdam ellipses <3-Step MacAdam
IRC 80
Light flux maintenance L70>50,000h at 25°C
Service life 30,000 h
Supply voltage 220-240V / 50-60Hz
Power factor (cos φ at max. load) On-Off 0.9 / DALI 0.95

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION



704.22

704.23

704.28

704.21

704.24



SERIES WITH VERSATILITY

The range includes several lighting bodies that can be combined with fixed and adjustable frames, whether square or circular, to achieve different appearances and functionalities that allow them to be integrated in residential and public spaces, hotels, restaurants, retail environments, etc.



FIXED AND **DIRECTIONAL** VERSIONS

The discreet and functional design of the fixed versions provides greater visual comfort by preventing glare. Directional versions allow both accent and general lighting. Its $\pm 30^\circ$ tilt allows the light to be directed.

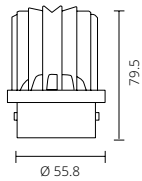




Flagship Primor Callao Madrid / Studio: WANNA / www.wannarockyou.com / Photographer: Javier de Paz García

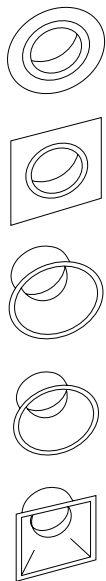
704

704 MODULES



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
704000** -282	On-Off	Recessed	Spot 20°	2700	12	1030	85
704000** -283	On-Off	Recessed	Spot 20°	3000	12	1070	89
704000** -284	On-Off	Recessed	Spot 20°	4000	12	1100	91
704000** -482	On-Off	Recessed	W. Flood 40°	2700	12	1015	84
704000** -483	On-Off	Recessed	W. Flood 40°	3000	12	1060	88
704000** -484	On-Off	Recessed	W. Flood 40°	4000	12	1090	90
704003** -282	DALI / Push	Recessed	Spot 20°	2700	12	1030	85
704003** -283	DALI / Push	Recessed	Spot 20°	3000	12	1070	89
704003** -284	DALI / Push	Recessed	Spot 20°	4000	12	1100	91
704003** -482	DALI / Push	Recessed	W. Flood 40°	2700	12	1015	84
704003** -483	DALI / Push	Recessed	W. Flood 40°	3000	12	1060	88
704003** -484	DALI / Push	Recessed	W. Flood 40°	4000	12	1090	90

704 MARCOS



ART. NO.	DESCRIPTION
704239** -039	Round Directional Frame
704249** -039	Square Directional Frame
704219** -039	Round Comfort Frame
704289** -039	Round L Comfort Frame
704229** -039	Square Comfort Frame

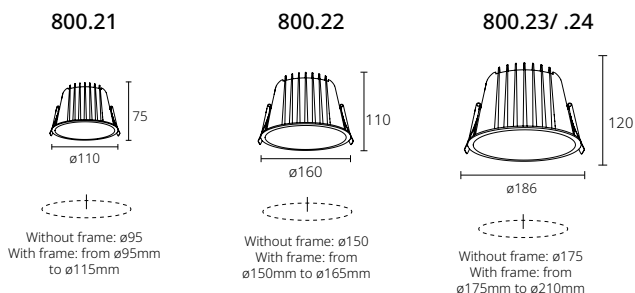


Simon | 800 Downlight

Collection of four technical downlights in three different sizes with a compact design. With optional circular pre-frame for easier integration into ceilings and Low-UGR accessories for workspace applications.



DIMENSIONS AND FASTENING SYSTEMS



Recessed **Installation**, with or without extended frame.

PHYSICAL CHARACTERISTICS AND MATERIALS

IP 20; 54 (installed)
Body material Aluminium
Reflector material Aluminium
Finishes ○ White 30 ● Black 38*
 *Black colour requires minimum order quantity.

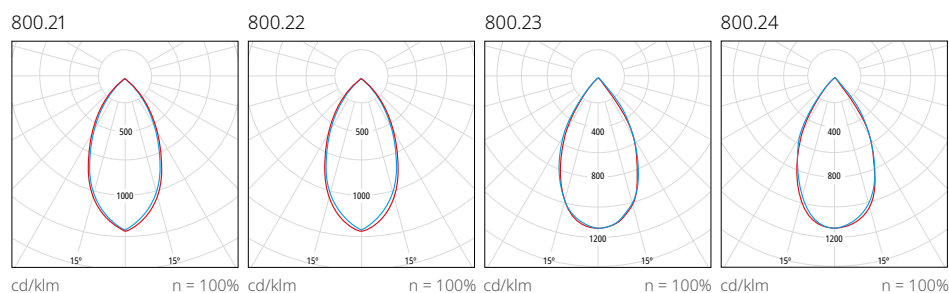
TECHNICAL CHARACTERISTICS

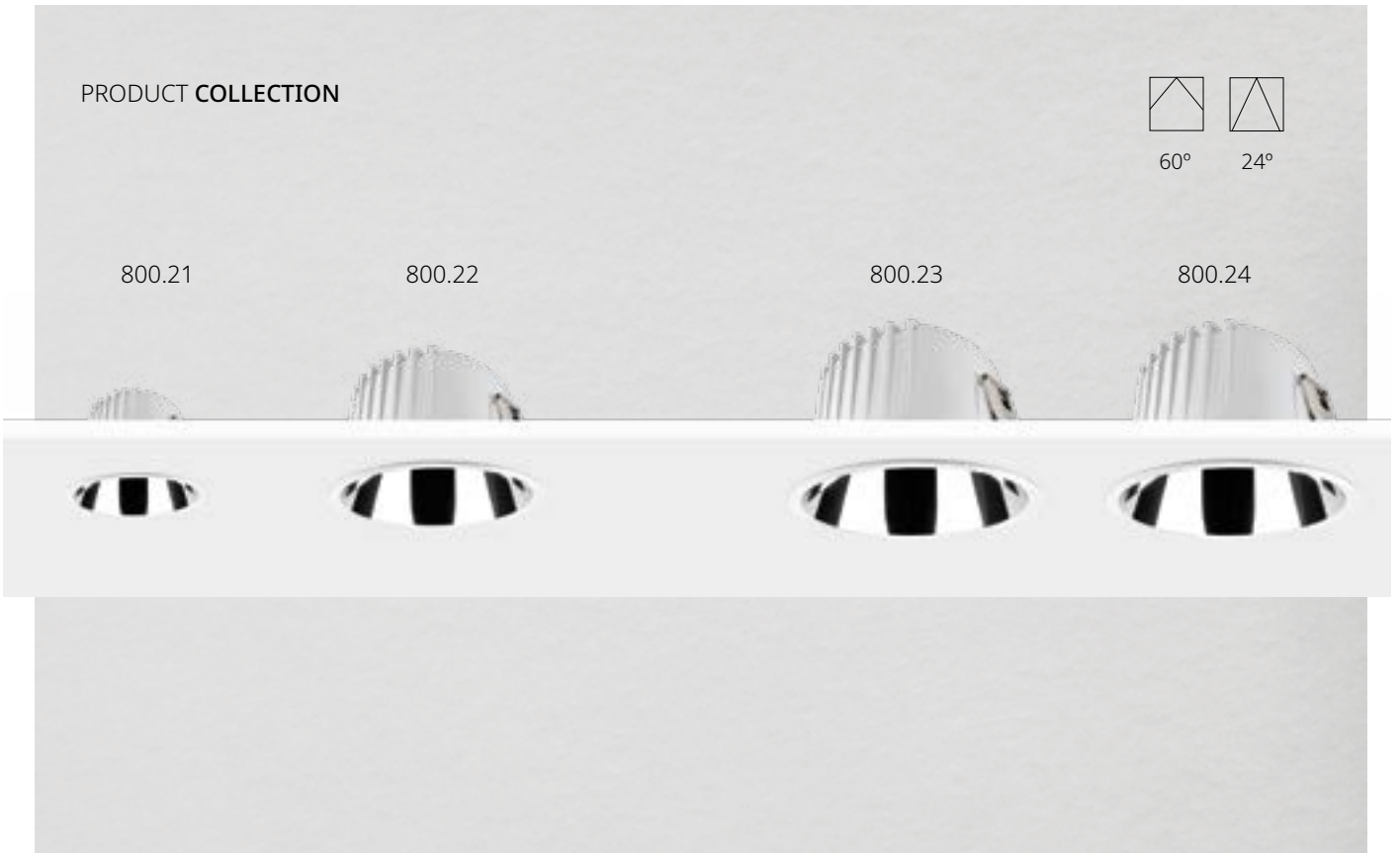
Operating temperature -15°C to 35°C
Power 800.21: 15W | 800.22/.23: 24W | 800.24: 35W
Real light flux 800.21: 1100lm | 800.22/.23: 2400lm | 800.24: 3400lm
Real efficiency 800.21: 80lm/W | 800.22/.23: 105lm/W | 800.24: 100lm/W
Dimming On-Off, DALI-2
Opening angle 800.21/22/23: 60° | 800.24: 24°
Colour temp. 3000K, 4000K
MacAdam ellipses <3-Step MacAdam
IRC 80
Light flux maintenance L70>50,000h at 25°C
Service life 50,000 h
Glare index (UGR)* <19 | UGR <13 with Honeycomb accessory
Power factor (cos φ at max. charge) >0.95
Supply voltage 220-240V / 50-60Hz
Flicker Flicker Free

(*UGR variable according to project)

PHOTOMETRICS

— C0 - C180 — C90 - C270





The collection is available in **three sizes** of downlights with carefully designed **extensive optics** that provide consistent, comfortable lighting.

The large size is also available in 24° closed optics with higher light flux, suitable for higher ceilings.

Their **Low-UGR** accessories boost their aesthetic effect, reaching **UGR<13**.



**HIGH-EFFICIENCY,
COMFORTABLE LIGHT**

High-performance optics with **excellent visual comfort**, combining a lens and a specular reflector to provide high-performance, uniform lighting and guarantee people's **visual well-being**.

All technical requirements for daily and long-term use: **UGR<19**, below the limit of 1000cd/m² for an angle of 55° to the vertical.



COMPACT DESIGN: **SIMPLIFIED**

INSTALLATION

Aluminium unibody design which includes dissipation fins for **good thermal management** and improved performance.

Simplified installation with **flexible fastening clips** that adapt to the different widths of the false ceiling.

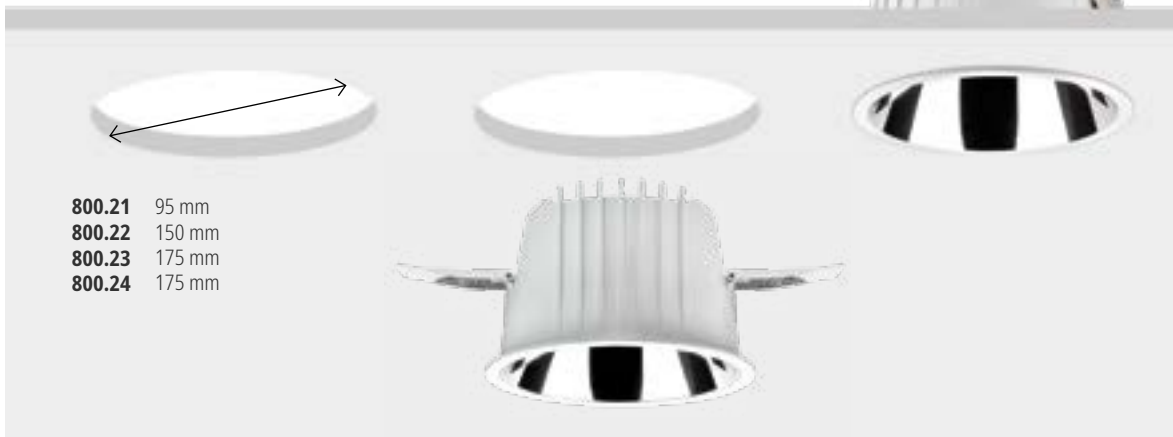


The **jack connection** offers a quick electrical connection between the optical group and the power supply, **optimising the process** in two phases and allowing on-site pre-installation.

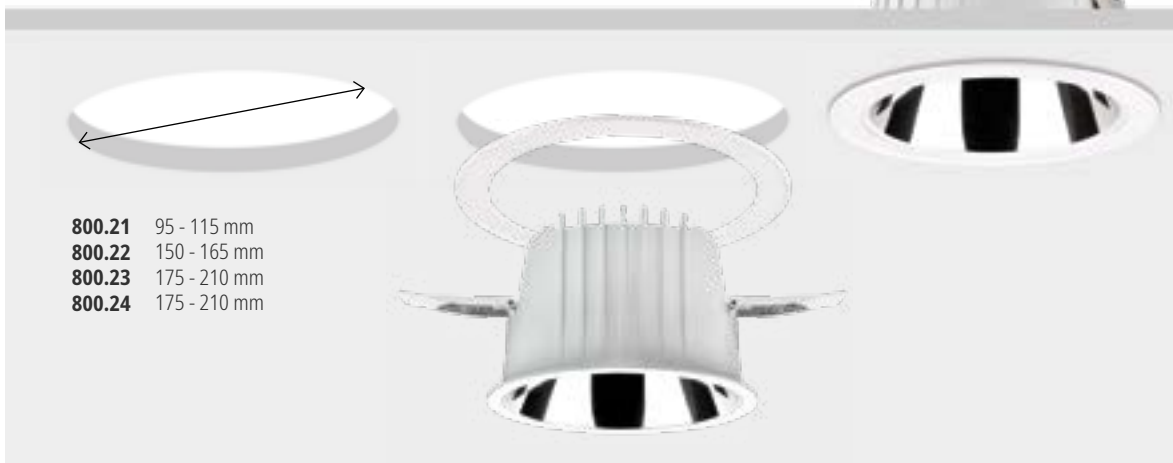
EXTENDED FRAME OPTION

Simon 800 offers easy installation for new construction projects and when replacing existing systems, with an **extensive ring** that allows a degree of flexibility in the **installation diameter** dimensions, helping to optimise the process.

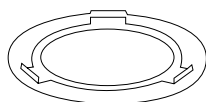
FRAMELESS INSTALLATION



INSTALLATION WITH FRAME



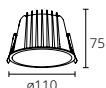
INSTALLATION ACCESSORIES



ART. NO.	DESCRIPTION
800919** -039	Extended ring accessory 800.21
800929** -039	Extended ring accessory 800.22
800939** -039	Extended ring accessory 800.23/24

800

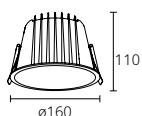
800.21



Without frame: ø95
With frame: ø115

ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
800210**-683	On-Off	Recessed	60	3000	15	1100	80
800210**-684	On-Off	Recessed	60	4000	15	1100	80
800213**-683	DALI-2	Recessed	60	3000	15	1100	80
800213**-684	DALI-2	Recessed	60	4000	15	1100	80

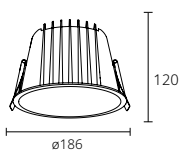
800.22



Without frame: ø150
With frame: ø165

ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
800220**-683	On-Off	Recessed	60	3000	24	2400	105
800220**-684	On-Off	Recessed	60	4000	24	2400	105
800223**-683	DALI-2	Recessed	60	3000	24	2400	105
800223**-684	DALI-2	Recessed	60	4000	24	2400	105

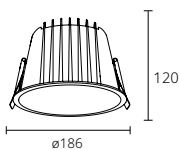
800.23



Without frame: ø175
With frame: ø210

ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
800230**-683	On-Off	Recessed	60	3000	24	2400	105
800230**-684	On-Off	Recessed	60	4000	24	2400	105
800233**-683	DALI-2	Recessed	60	3000	24	2400	105
800233**-684	DALI-2	Recessed	60	4000	24	2400	105

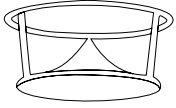
800.24



Without frame: ø175
With frame: ø210

ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
800240**-283	On-Off	Recessed	24	3000	35	3400	100
800240**-284	On-Off	Recessed	24	4000	35	3400	100
800243**-283	DALI-2	Recessed	24	3000	35	3400	100
800243**-284	DALI-2	Recessed	24	4000	35	3400	100

LOW-UGR ACCESSORIES

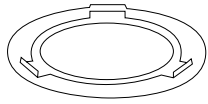


ART. NO.	DESCRIPTION
80071900-039	Anti-glare reflector 800.21
80072900-039	Anti-glare reflector 800.22
80073900-039	Anti-glare reflector 800.23/24



ART. NO.	DESCRIPTION
80081938-039	Honeycomb accessory 800.21
80082938-039	Honeycomb accessory 800.22
80083938-039	Honeycomb accessory 800.23/24

INSTALLATION ACCESSORIES

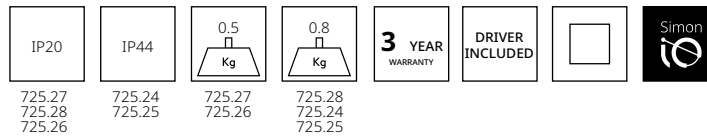


ART. NO.	DESCRIPTION
800919**-039	Extended ring accessory 800.21 up to 115 mm
800929**-039	Extended ring accessory 800.22 up to 165 mm
800939**-039	Extended ring accessory 800.23/24 up to 210 mm

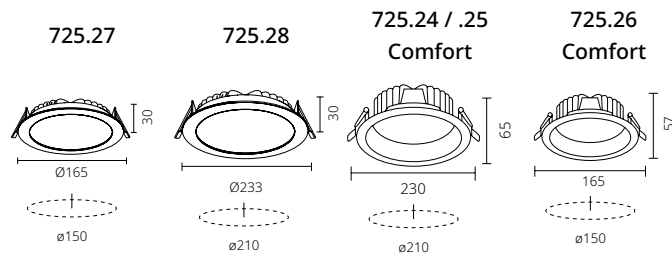


Simon | **725**
Downlight

The 725 range is a high-performance flat downlight ideal for general lighting in any type of project.



DIMENSIONS AND FASTENING SYSTEMS



Recessed Installation

PHYSICAL CHARACTERISTICS AND MATERIALS

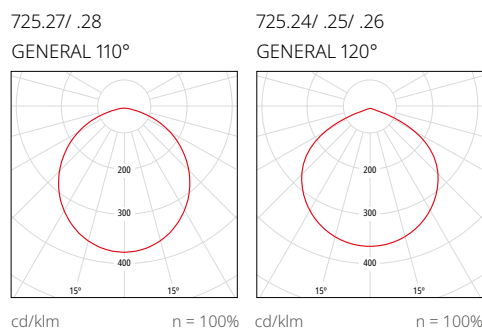
IP 20,44
Body material Aluminium
Diffuser material Polycarbonate
Finishes ○ White

TECHNICAL CHARACTERISTICS

Operating temperature -10°C to 35°C
Power 725.27/ .26: 14W | 725.28: 24W | 725.24: 22W | 725.25: 37W
Real light flux 725.27: 1400lm - 1525lm | 725.28: 2375lm - 2570lm | 725.24: 2200lm - 2300lm | 725.25: 3300lm - 3400lm | 725.26: 1300lm - 1400lm
Actual light efficiency 725.27/ .28: <111lm/W | 725.24/ .26: <100lm/W | 725.25:<90lm/W
Dimming On-Off / 1-10V / DALI2/ Push
Opening angle 725.27/ .28: General 110° | 725.24/ .25/ .26: General 120°
Colour Temp. 3000K, 4000K
MacAdam ellipses <3-Step MacAdam
IRC 80
Light flux maintenance 725.27/ .28: L70>54,000h at 25°C | 725.24/ .25/ .26: L70>30,000h at 25°C
Service life 725.27/ .28: 50,000h | 725.24/ .25/ .26: 30.000h
Supply voltage 725.27: 100-240V / 50-60Hz | 725.27/.28: 220-240V, 50-60Hz | 725.24/.25/.26: 1-10V: 100-240V, ON-OFF/DALI: 220-240V, 50-60Hz
Power factor (cos φ at max. charge) >0.9

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION

725.24/25
COMFORT



725.26
COMFORT



725.27



725.28



**IN ALL TYPES OF
CEILINGS**

It allows both surface-mounted installation by means of an accessory and recessed installation in the ceiling.



GLARE CONTROL

Its design, with a recessed optical group, allows a certain degree of shielding of direct light emission, offering good glare control.

THERMAL MANAGEMENT AND SERVICE LIFE

The upper part of the aluminium body transforms into an integrated heat dissipater, enabling good temperature management and ensuring the performance and service life of the light source.

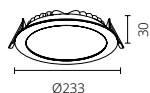
725

725.27



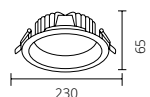
ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
72527030-883	On-Off	Recessed	General 110°	3000	14	1400	100
72527030-884	On-Off	Recessed	General 110°	4000	14	1525	108
72527130-883	1-10V	Recessed	General 110°	3000	14	1400	100
72527130-884	1-10V	Recessed	General 110°	4000	14	1525	108
72527330-883	DALI-2	Recessed	General 110°	3000	14	1400	100
72527330-884	DALI-2	Recessed	General 110°	4000	14	1525	108

725.28



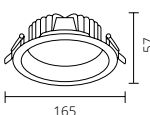
ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
72528030-883	On-Off	Recessed	General 110°	3000	23	2375	103
72528030-884	On-Off	Recessed	General 110°	4000	23	2570	111
72528130-883	1-10V	Recessed	General 110°	3000	23	2375	103
72528130-884	1-10V	Recessed	General 110°	4000	23	2570	111
72528330-883	DALI-2	Recessed	General 110°	3000	23	2375	103
72528330-884	DALI-2	Recessed	General 110°	4000	23	2570	111

725.24/ .25 COMFORT



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
72524030-883	On-Off	Recessed (IP44)	General 120°	3000	22	2200	100
72524030-884	On-Off	Recessed (IP44)	General 120°	4000	22	2300	104
72525030-883	On-Off	Recessed (IP44)	General 120°	3000	37	3300	89
72525030-884	On-Off	Recessed (IP44)	General 120°	4000	37	3400	91
72524130-883	1-10V	Recessed (IP44)	General 120°	3000	22	2200	100
72524130-884	1-10V	Recessed (IP44)	General 120°	4000	22	2300	104
72525130-883	1-10V	Recessed (IP44)	General 120°	3000	37	3300	89
72525130-884	1-10V	Recessed (IP44)	General 120°	4000	37	3400	91
72524330-883	DALI-2	Recessed (IP44)	General 120°	3000	22	2200	100
72524330-884	DALI-2	Recessed (IP44)	General 120°	4000	22	2300	104
72525330-883	DALI-2	Recessed (IP44)	General 120°	3000	37	3300	89
72525330-884	DALI-2	Recessed (IP44)	General 120°	4000	37	3400	91

725.26 COMFORT



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
72526030-883	On-Off	Recessed (IP44)	General 120°	3000	14	1300	92
72526030-884	On-Off	Recessed (IP44)	General 120°	4000	14	1400	100
72526130-883	1-10V	Recessed (IP44)	General 120°	3000	14	1300	92
72526130-884	1-10V	Recessed (IP44)	General 120°	4000	14	1400	100
72526330-883	DALI-2 / Push	Recessed (IP44)	General 120°	3000	14	1300	92
72526330-884	DALI-2 / Push	Recessed (IP44)	General 120°	4000	14	1400	100

SURFACE-MOUNTED ACCESSORIES



ART. NO.	DESCRIPTION
72532030-039	725.22/725.28 Downlight Surface-mounted Accessory
72533030-039	725.23/725.27 Downlight Surface-mounted Accessory
72534030-039	725.24/725.25 Downlight Surface-mounted Accessory
72536030-039	725.26 Downlight Surface-mounted Accessory



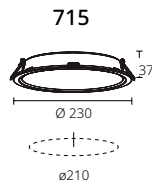
Simon | 715

Downlight

The 715 downlights allow the creation of uniform general lighting in all types of spaces. Their opal diffusers provide diffused light, and are integrated into the body, which is made of aluminium for good thermal management, ensuring the service life of the light source.



DIMENSIONS AND FASTENING SYSTEMS



Recessed **Installation**

PHYSICAL CHARACTERISTICS AND MATERIALS

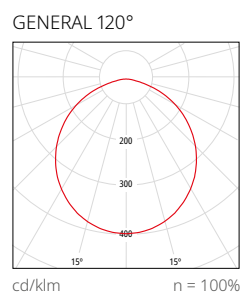
IP 20
Body material Aluminium
Diffuser material Polycarbonate
Finishes ○ White

TECHNICAL CHARACTERISTICS

Operating temperature from -20°C to 35°C
Power 20W
Actual flux 1700lm - 1800lm
Actual efficiency <90lm/W
Dimming On-Off
Opening angle General 120°
Colour Temp. 3000K, 4000K
MacAdam ellipses
IRC 80
Light flux maintenance L70>30,000h at 25°C
Service life 30,000 h
Supply voltage 220-240V / 50-60Hz
Power factor (cos φ at max. charge) >0.95

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION

715



ULTRA-FLAT
SECTION

Its ultra-flat profile of only 37mm, gives it a very low recessed height, allowing installation into all types of false ceilings, even if there is a space limitation.



715

715



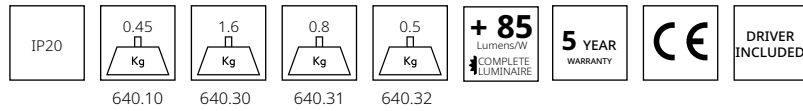
ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
71522030-983	On-Off	Recessed	General 120°	3000	20	1700	85
71522030-984	On-Off	Recessed	General 120°	4000	20	1800	90



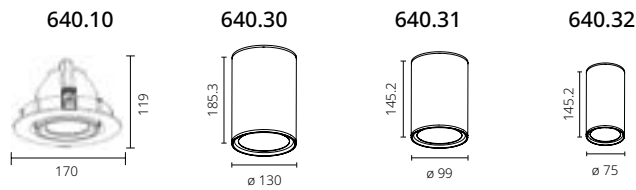
Simon | 640

Downlight

A clean geometric design for accent or general lighting, allowing users to define and organise spaces in customer service areas, counter spaces, and reception and welcome areas, as well as to create intimate, welcoming environments in residential and hospitality spaces.



DIMENSIONS AND FASTENING SYSTEMS



Installation 640.10: Recessed | 640.30/ .31 / .32 : Surface-mounted / Suspended (accessory)

PHYSICAL CHARACTERISTICS AND MATERIALS

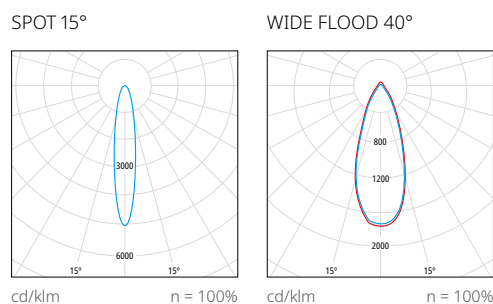
IP 20
Body material Aluminium
Diffuser material
Orientation 640.10: 30° in vertical plane
Finishes ○ White 30 ● Black 38

TECHNICAL CHARACTERISTICS

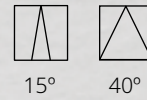
Working temperature from -15°C to 35 °C
Power 640.10: 30W, 23W (freshfood) | 640.30: 30W | 640.31: 16W | 640.32: 9W
Real light flux 640.10: 2500 lm - 2200 lm (3000K) / 2600 lm (4000K) | 640.30: 2200 lm - 2500 lm - 2600 lm / 1200 lm - 2100 lm (RETAIL) | 640.31: 1000lm - 1300lm - 1400lm | 640.32: 650lm - 800lm - 900lm
Real efficiency 640.10: <87 lm/W | 640.30: <86.7 lm/W | 640.31: <87.5 lm/W | 640.32: <100 lm/W
Dimming On-Off
Opening angle 640.10: Spot 17° (23W), Flood 36° (25W), Wide Flood 60° (25W) | 640.30: Wide Flood 40° | 640.31: Spot 15°, Wide Flood 40° | 640.32: Spot 20°
Colour Temperature 640.10/ .31/ .32: 3000K, 4000K | 640.30: 1750K, 2200K, 2300K, 2500K, 6000K (RETAIL/CRI92)
MacAdam ellipses <3-Step MacAdam
IRC > 80, 92
Light flux maintenance L70 >100,000 h a 25°C, L90 >30,000 h a 25°C
Service life 50,000 h
Supply voltage 120-240V / 50-60Hz
Power factor (cos φ at max. charge) >0.9
Operating current/voltage 120-240V / 50-60Hz

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION



640.10



640.32



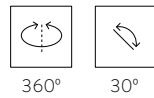
640.31



640.30



LIGHT WITH DOUBLE ORIENTATION



640.10
360° horizontal rotation and 30° vertical rotation.



SURFACE-MOUNTED AND SUSPENDED

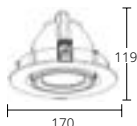
The surface-mounted / suspended luminaires provide accent or general lighting, allowing the spaces to be categorised in terms of lighting and, therefore, to be able to direct the user as desired.

Typically installed in customer service areas, counters or checkout areas in retail environments, and in reception and welcome areas. The suspended versions can be used for spot lighting in hotels and restaurants.



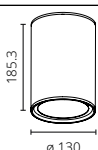
640

640.10



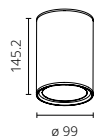
ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
640100**-283	On-Off	Recessed	Spot 15°	3000	30	2500	83
640100**-284	On-Off	Recessed	Spot 15°	4000	30	2600	86
640100**-483	On-Off	Recessed	Wide Flood 40°	3000	30	2500	83
640100**-484	On-Off	Recessed	Wide Flood 40°	4000	30	2600	86
640100**-293	On-Off	Recessed	Spot 15°	3000 CRI>92	30	2100	70
640100**-493	On-Off	Recessed	Wide Flood 40°	3000 CRI>92	30	2100	70

640.30



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
640300**-483	On-Off	Suspended	Wide Flood 40°	3000	30	2500	83
640300**-484	On-Off	Suspended	Wide Flood 40°	4000	30	2600	86
640300**-493	On-Off	Suspended	Wide Flood 40°	3000 CRI>92	30	2100	83

640.31



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
640310**-283	On-Off	Suspended	Spot 15°	3000	16	1300	81
640310**-284	On-Off	Suspended	Spot 15°	4000	16	1400	87
640310**-483	On-Off	Suspended	Wide Flood 40°	3000	16	1300	81
640310**-484	On-Off	Suspended	Wide Flood 40°	4000	16	1400	87
640310**-293	On-Off	Suspended	Spot 15°	3000 CRI>92	16	1000	62
640310**-493	On-Off	Suspended	Wide Flood 40°	3000 CRI>92	16	1000	62

640.32



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
640320**-283	On-Off	Suspended	Spot 20°	3000	9	800	88
640320**-284	On-Off	Suspended	Spot 20°	4000	9	900	100
640320**-293	On-Off	Suspended	Spot 20°	3000 CRI>92	9	650	72

ACCESSORIES



ART. NO.	DESCRIPTION
640901**-039	Suspension accessory 640.30
640902**-039	Suspension accessory 640.31
640903**-039	Suspension accessory 640.32

INTELLIGENT
CONTROL



ARCH



HOLE



703 - 704



800

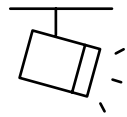


725



715





SPOTLIGHTS



POINT

142



615

148



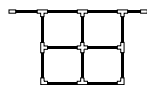
640

154



740

160



899

RAIL

168

48 Vdc / 3-PHASE

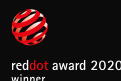
Simon | POINT

Projektor



Point is focused precision, a collection of accent spotlights with a compact design and no superfluous elements, allowing them to go unnoticed and for all the attention to be focused on the object or space to be illuminated.

Point can be used independently or in a group, shaping the space and highlighting details by projecting a clear and precise beam of light on whatever feature you wish to enhance.





Point 56 Mini:
 OBD Weight: 0.27kg
 On-Off Weight: 0.36kg
 DALI Weight: 0.4kg

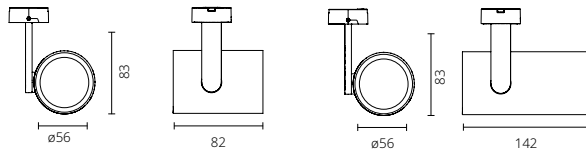
Point 56:
 OBD Weight: 0.5kg
 On-Off Weight: 0.58kg
 DALI Weight: 0.62kg

(*) except 48 Vdc Rail installation

DIMENSIONS AND FASTENING SYSTEMS

Point 56 mini

Point 56



Installation 3-phase rail and 48 Vdc*, recessed

*Rail 48 Vdc: gear not included

PHYSICAL CHARACTERISTICS AND MATERIALS

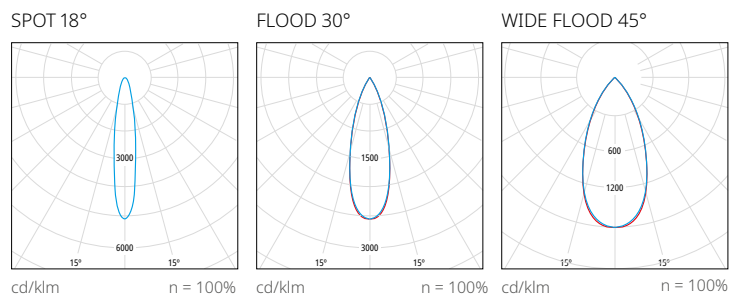
IP 20
Body material Aluminium
Orientation 360° (horizontal) / 90° (vertical)
Finishes ○ White 00 ● Black 88

TECHNICAL CHARACTERISTICS

Working temperature from 0 °C to 35 °C
Power POINT 56 Mini: 13.5 W/14 W | POINT 56: 19 W/21 W
Actual light flux POINT 56 Mini: 950 lm - 1100 lm | POINT 56: 1300 lm / 1500 lm
Actual efficiency POINT 56 Mini: <78.6 lm/ | POINT 56: <71.43 lm/W
Dimming OBD , DALI , ON-OFF
Opening angle Spot 18° , Flood 30° , Wide Flood 45°
Colour Temperature 2700K, 3000K, 4000K
MacAdam ellipses <3-Step MacAdam
IRC 80, 90, R9>50
Light flux maintenance L90>40,000h - 25°C, L70>150,000h - 25°C
Service life 50,000 h
Supply voltage 220-240V / 50-60Hz
Power factor (cos φ at max. charge) > 0.9
Operating current/voltage 48 Vdc rail (OBD): 48 Vdc (gear not included) | 3-phase rail (ON-OFF, DALI): 220-240 V

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION



POINT 56 MINI

POINT 56



CUSTOMISED LIGHT



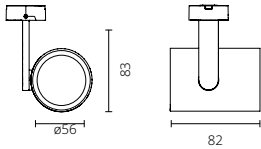
The various optics, with different opening angles, allow precision in terms of the distance of the light beam and the desired effect.

Depending on the context and desired tone, you can choose either warm or cool lighting. Excellent colour rendering (CRI 90) that prevents a distorted perception of colour and texture.

- 2700K
- 3000K
- 4000K

POINT

POINT 56 MINI



ART. NO.	CONTROL	INSTALLATION*	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
92011661-2**	OBD	Rail 48 Vdc	Spot 18°	2700 CRI>90 R9>50	13.5	1000	74
92011661-3**	OBD	Rail 48 Vdc	Spot 18°	3000 CRI>90 R9>50	13.5	1050	77
92011661-4**	OBD	Rail 48 Vdc	Spot 18°	4000 CRI>90 R9>50	13.5	1100	81
92061011-2**	On-Off	3-phase rail	Spot 18°	2700 CRI>90 R9>50	14	1000	71
92061011-3**	On-Off	3-phase rail	Spot 18°	3000 CRI>90 R9>50	14	1050	75
92061011-4**	On-Off	3-phase rail	Spot 18°	4000 CRI>90 R9>50	14	1100	78
92061311-2**	DALI	3-phase rail	Spot 18°	2700 CRI>90 R9>50	14	1000	71
92061311-3**	DALI	3-phase rail	Spot 18°	3000 CRI>90 R9>50	14	1050	75
92061311-4**	DALI	3-phase rail	Spot 18°	4000 CRI>90 R9>50	14	1100	78
92011662-2**	OBD	Rail 48 Vdc	Flood 30°	2700 CRI>90 R9>50	13.5	950	70
92011662-3**	OBD	Rail 48 Vdc	Flood 30°	3000 CRI>90 R9>50	13.5	1000	74
92011662-4**	OBD	Rail 48 Vdc	Flood 30°	4000 CRI>90 R9>50	13.5	1050	77
92061012-2**	On-Off	3-phase rail	Flood 30°	2700 CRI>90 R9>50	14	950	67
92061012-3**	On-Off	3-phase rail	Flood 30°	3000 CRI>90 R9>50	14	1000	71
92061012-4**	On-Off	3-phase rail	Flood 30°	4000 CRI>90 R9>50	14	1050	75
92061312-2**	DALI	3-phase rail	Flood 30°	2700 CRI>90 R9>50	14	950	67
92061312-3**	DALI	3-phase rail	Flood 30°	3000 CRI>90 R9>50	14	1000	71
92061312-4**	DALI	3-phase rail	Flood 30°	4000 CRI>90 R9>50	14	1050	75
92011663-2**	OBD	Rail 48 Vdc	Wide Flood 45°	2700 CRI>90 R9>50	13.5	1000	74
92011663-3**	OBD	Rail 48 Vdc	Wide Flood 45°	3000 CRI>90 R9>50	13.5	1050	77
92011663-4**	OBD	Rail 48 Vdc	Wide Flood 45°	4000 CRI>90 R9>50	13.5	1100	81
92061013-2**	On-Off	3-phase rail	Wide Flood 45°	2700 CRI>90 R9>50	14	1000	71
92061013-3**	On-Off	3-phase rail	Wide Flood 45°	3000 CRI>90 R9>50	14	1050	75
92061013-4**	On-Off	3-phase rail	Wide Flood 45°	4000 CRI>90 R9>50	14	1100	78
92061313-2**	DALI	3-phase rail	Wide Flood 45°	2700 CRI>90 R9>50	14	1000	71
92061313-3**	DALI	3-phase rail	Wide Flood 45°	3000 CRI>90 R9>50	14	1050	75
92061313-4**	DALI	3-phase rail	Wide Flood 45°	4000 CRI>90 R9>50	14	1100	78

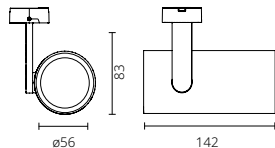
ACCESSORIES



ART. NO.	DESCRIPTION
92099999-919	Honeycomb Accessory
92099999-929	Cross Accessory
92099992-999	Extensive Lens Accessory

*Rail 48 Vdc: gear not included. See page 172

POINT 56



ART. NO.	CONTROL	INSTALLATION*	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
92021661-2**	OBD	Rail 48 Vdc	Spot 18°	2700 CRI>90 R9>50	19	1350	71
92021661-3**	OBD	Rail 48 Vdc	Spot 18°	3000 CRI>90 R9>50	19	1450	76
92021661-4**	OBD	Rail 48 Vdc	Spot 18°	4000 CRI>90 R9>50	19	1500	78
92062011-2**	On-Off	3-phase rail	Spot 18°	2700 CRI>90 R9>50	21	1350	64
92062011-3**	On-Off	3-phase rail	Spot 18°	3000 CRI>90 R9>50	21	1450	69
92062011-4**	On-Off	3-phase rail	Spot 18°	4000 CRI>90 R9>50	21	1500	71
92062311-2**	DALI	3-phase rail	Spot 18°	2700 CRI>90 R9>50	21	1350	64
92062311-3**	DALI	3-phase rail	Spot 18°	3000 CRI>90 R9>50	21	1450	69
92062311-4**	DALI	3-phase rail	Spot 18°	4000 CRI>90 R9>50	21	1500	71
92021662-2**	OBD	Rail 48 Vdc	Flood 30°	2700 CRI>90 R9>50	19	1300	68
92021662-3**	OBD	Rail 48 Vdc	Flood 30°	3000 CRI>90 R9>50	19	1350	71
92021662-4**	OBD	Rail 48 Vdc	Flood 30°	4000 CRI>90 R9>50	19	1400	73
92062012-2**	On-Off	3-phase rail	Flood 30°	2700 CRI>90 R9>50	21	1300	61
92062012-3**	On-Off	3-phase rail	Flood 30°	3000 CRI>90 R9>50	21	1350	64
92062012-4**	On-Off	3-phase rail	Flood 30°	4000 CRI>90 R9>50	21	1400	66
92062312-2**	DALI	3-phase rail	Flood 30°	2700 CRI>90 R9>50	21	1300	61
92062312-3**	DALI	3-phase rail	Flood 30°	3000 CRI>90 R9>50	21	1350	64
92062312-4**	DALI	3-phase rail	Flood 30°	4000 CRI>90 R9>50	21	1400	66
92021663-2**	OBD	Rail 48 Vdc	Wide Flood 45°	2700 CRI>90 R9>50	19	1300	68
92021663-3**	OBD	Rail 48 Vdc	Wide Flood 45°	3000 CRI>90 R9>50	19	1400	73
92021663-4**	OBD	Rail 48 Vdc	Wide Flood 45°	4000 CRI>90 R9>50	19	1450	76
92062013-2**	On-Off	3-phase rail	Wide Flood 45°	2700 CRI>90 R9>50	21	1300	61
92062013-3**	On-Off	3-phase rail	Wide Flood 45°	3000 CRI>90 R9>50	21	1400	66
92062013-4**	On-Off	3-phase rail	Wide Flood 45°	4000 CRI>90 R9>50	21	1450	69
92062313-2**	DALI	3-phase rail	Wide Flood 45°	2700 CRI>90 R9>50	21	1300	61
92062313-3**	DALI	3-phase rail	Wide Flood 45°	3000 CRI>90 R9>50	21	1400	66
92062313-4**	DALI	3-phase rail	Wide Flood 45°	4000 CRI>90 R9>50	21	1450	69

ACCESSORIES



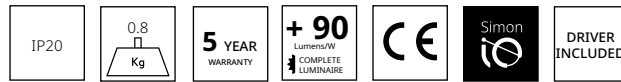
ART. NO.	DESCRIPTION
92099999-919	Honeycomb Accessory
92099999-929	Cross Accessory
92099992-999	Extensive Lens Accessory

*Rail 48 Vdc: gear not included. See page 172

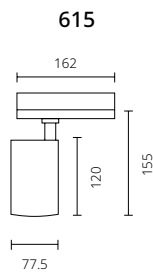


Simon | 615 Projetor

Cylindrical spotlight with a pure form and compact size.
Available in three different optic versions, ranging from
extensive to intensive. All share the same aesthetic and provide
general lighting, or accent lighting, if you wish to highlight
certain objects or areas within the space.



DIMENSIONS AND FASTENING SYSTEMS



Installation 3-phase rail

PHYSICAL CHARACTERISTICS AND MATERIALS

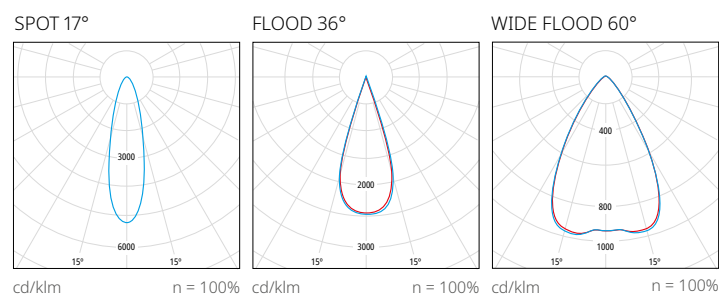
IP 20
Body material Aluminium
Diffuser material
Orientation 360° (horizontal) / 90° (vertical)
Finishes ○ White 30 ● Black 38

TECHNICAL CHARACTERISTICS

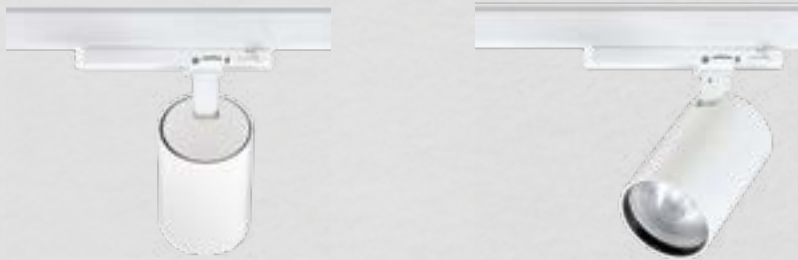
Working temperature from -15°C to 35 °C
Power 23W - 25W
Actual light flux 1700 lm - 2500 lm
Actual efficiency <100lm/W
Dimming DALI / ON-OFF
Opening angle Spot 17° (23W) / Flood 36° (25W) / Wide Flood 60° (25W)
Colour Temperature 2700K - 3000K - 4000K
MacAdam ellipses
IRC > 80 (4000K), > 90 (2700K, 3000K)
Light flux maintenance L70 >100,000 h a 25°C / L90 >50,000 h a 25°C
Service life 50,000 h
Supply voltage 220-240V / 50-60Hz
Power factor (cos φ at max. charge) > 0.9

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION



HIGH-QUALITY LIGHT

Comfortable, precise light owing to the design of its optics, which provide high lighting efficiency and glare control.

Incorporate a LED with excellent colour rendering. Available in several colour temperatures.

An anti-glare honeycomb panel can also be incorporated.



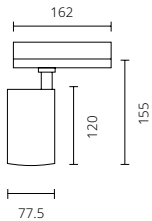
The driver is incorporated into the rail adaptor, allowing for a minimalist aesthetic and design, with no superfluous elements.

360° horizontal rotation and 90° vertical tilting.

Adapts to a wide variety of different environments, such as retail spaces, catering areas, exhibition halls, and residential environments.

615

615.00



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
615000**-282	On-Off	3-Phase Rail	Spot 17	2700 CRI>90	23	1700	73
615000**-283	On-Off	3-Phase Rail	Spot 17	3000 CRI>90	23	1700	73
615000**-284	On-Off	3-Phase Rail	Spot 17	4000 CRI>80	23	2200	95
615000**-382	On-Off	3-Phase Rail	Flood 36	2700 CRI>90	25	2000	80
615000**-383	On-Off	3-Phase Rail	Flood 36	3000 CRI>90	25	2000	80
615000**-384	On-Off	3-Phase Rail	Flood 36	4000 CRI>80	25	2500	100
615000**-482	On-Off	3-Phase Rail	Wide Flood 60	2700 CRI>90	25	2000	80
615000**-483	On-Off	3-Phase Rail	Wide Flood 60	3000 CRI>90	25	2000	80
615000**-484	On-Off	3-Phase Rail	Wide Flood 60	4000 CRI>80	25	2500	100
615003**-282	DALI	3-Phase Rail	Spot 17	2700 CRI>90	23	1700	73
615003**-283	DALI	3-Phase Rail	Spot 17	3000 CRI>90	23	1700	73
615003**-284	DALI	3-Phase Rail	Spot 17	4000 CRI>80	23	2200	95
615003**-382	DALI	3-Phase Rail	Flood 36	2700 CRI>90	25	2000	80
615003**-383	DALI	3-Phase Rail	Flood 36	3000 CRI>90	25	2000	80
615003**-384	DALI	3-Phase Rail	Flood 36	4000 CRI>80	25	2500	100
615003**-482	DALI	3-Phase Rail	Wide Flood 60	2700 CRI>90	25	2000	80
615003**-483	DALI	3-Phase Rail	Wide Flood 60	3000 CRI>90	25	2000	80
615003**-484	DALI	3-Phase Rail	Wide Flood 60	4000 CRI>80	25	2500	100

ACCESSORIES



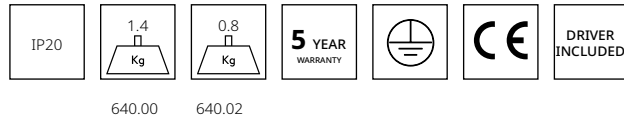
ART. NO.	DESCRIPTION
61590038-039	Honeycomb 615 black



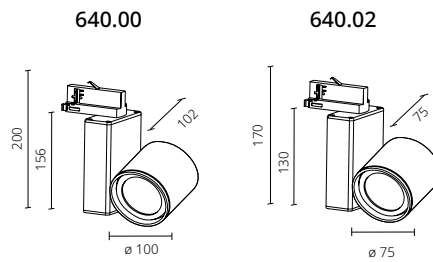
Simon | 640

Projektor

A clean geometric design for accent or general lighting, allowing users to define and organise spaces in customer service areas, counter spaces, and reception and welcome areas, as well as to create intimate, welcoming environments in residential and hospitality spaces.



DIMENSIONS AND FASTENING SYSTEMS



Installation 3-phase rail

PHYSICAL CHARACTERISTICS AND MATERIALS

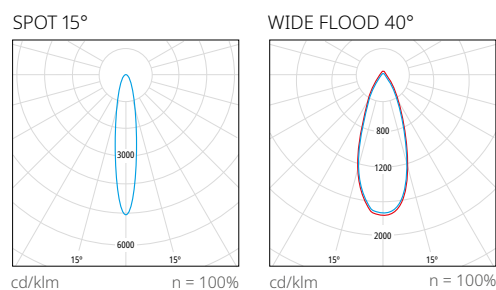
IP 20
Body material Aluminium
Orientation 220° on horizontal axis
Finishes ○ White 30 ● Black 38

TECHNICAL CHARACTERISTICS

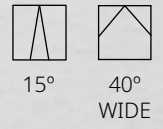
Working temperature from -20 °C to 35 °C
Power 640.02: 15W | 640.00: 15-30W
Actual light flux 640.02: 1400lm | 640.00: 2500lm - 2600lm
Actual efficiency <93lm/W
Dimming On-Off
Opening angle 640.02: Spot 15° | 640.00: Spot 15°, Wide Flood 40°
Colour Temperature 3000K - 4000K
MacAdam ellipses <3-Step MacAdam
IRC 640.02: 80 | 640.00: 80, 90
Light flux maintenance 640.00: L70>100,000h at 25°C | 640.02: L90>30,000h at 25°C
Service life 50,000 h
Supply voltage 120-240V / 50-60Hz
Power factor (cos φ at max. charge) > 0.9
Operating current/voltage 120-240V / 50-60Hz

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION



640.02

640.00



LIGHT WITH DOUBLE **ORIENTATION**



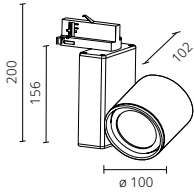
220°

640.00 / 640.02

The ball joint allows 220° rotation, so it can be oriented in any direction on the surface to be illuminated.

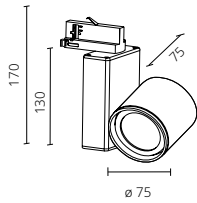
640

640.00



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
640000**-283	On-Off	3-Phase Rail	Spot 15°	3000	30	2500	83
640000**-284	On-Off	3-Phase Rail	Spot 15°	4000	30	2600	86
640000**-483	On-Off	3-Phase Rail	Wide Flood 40°	3000	30	2500	83
640000**-484	On-Off	3-Phase Rail	Wide Flood 40°	4000	30	2600	86

640.02



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
640020**-284	On-Off	3-Phase Rail	Spot 15°	4000	15	1400	93

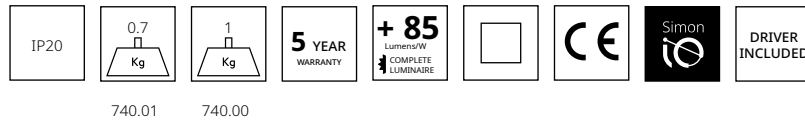


Simon | 740

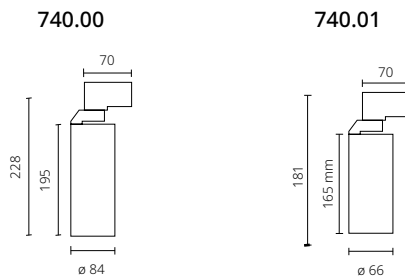
Projector

Collection of cylindrical spotlights with the swivel base integrated into the body, thus achieving visual integration in all work positions.

The 740 range meets various lighting needs, providing the necessary flexibility for electrified rail luminaires in exhibit spaces such as retail, also perfectly suited to applications in residential and hospitality settings.



DIMENSIONS AND FASTENING SYSTEMS



Installation 3-phase rail

PHYSICAL CHARACTERISTICS AND MATERIALS

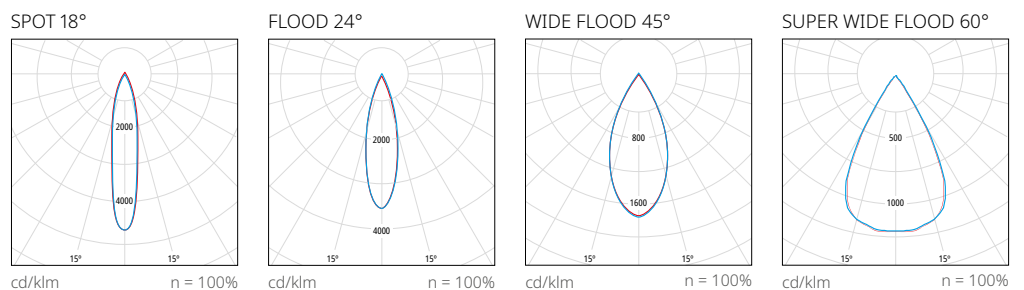
IP 20
Body material Aluminium
Orientation 90° on horizontal axis
Finishes ○ White 30 ● Black 38

TECHNICAL CHARACTERISTICS

Operating temperature -20°C to 35°C
Power 740.01: 20W | 740.00: 30W
Actual light flux 740.01: 1780lm - 1830lm | 740.00: 2620lm - 2670lm
Actual efficiency <91lm/W
Dimming On-Off, DALI
Opening angle 740.01: Spot 18°, Flood 24°, Wide Flood 45° | 740.00: Spot 18°, Flood 24°, Wide Flood 45°, Super Wide Flood 60°
Colour Temp. 3000K, 4000K
MacAdam ellipses <3-Step MacAdam
IRC 80
Light flux maintenance L70>60,000 h at 25°C
Service life 30,000 h
Supply voltage 220-240V / 50-60Hz
Power factor (cos φ at max. charge) > 0.9

PHOTOMETRICS

— C0 - C180 — C90 - C270





Flagship Primor Callao Madrid / Studio: WANNA / www.wannarockyou.com / Photographer: Javier de Paz García

COMPACT DESIGN

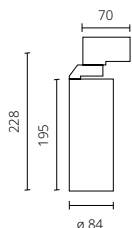
Pure form with a compact design. All the functional elements are concealed inside the body, which is manufactured in aluminium to allow excellent thermal management.





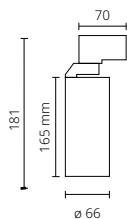
740

740.00



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
740000**-283	On-Off	3-phase rail	Spot 18°	3000	30	2620	87
740000**-383	On-Off	3-phase rail	Flood 24°	3000	30	2620	87
740000**-483	On-Off	3-phase rail	Wide Flood 45°	3000	30	2620	87
740000**-983	On-Off	3-phase rail	Super Wide Flood 60°	3000	30	2620	87
740000**-284	On-Off	3-phase rail	Spot 18°	4000	30	2670	89
740000**-384	On-Off	3-phase rail	Flood 24°	4000	30	2670	89
740000**-484	On-Off	3-phase rail	Wide Flood 48°	4000	30	2670	89
740000**-984	On-Off	3-phase rail	Super Wide Flood 60°	4000	30	2670	89
740003**-283	DALI	3-phase rail	Spot 18°	3000	30	2620	87
740003**-383	DALI	3-phase rail	Flood 24°	3000	30	2620	87
740003**-483	DALI	3-phase rail	Wide Flood 45°	3000	30	2620	87
740003**-983	DALI	3-phase rail	Super Wide Flood 60°	3000	30	2620	87
740003**-284	DALI	3-phase rail	Spot 18°	4000	30	2670	89
740003**-384	DALI	3-phase rail	Flood 24°	4000	30	2670	89
740003**-484	DALI	3-phase rail	Wide Flood 48°	4000	30	2670	89
740003**-984	DALI	3-phase rail	Super Wide Flood 60°	4000	30	2670	89

740.01



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
740010**-283	On-Off	3-phase rail	Spot 18°	3000	20	1780	89
740010**-383	On-Off	3-phase rail	Flood 25°	3000	20	1780	89
740010**-483	On-Off	3-phase rail	Wide Flood 45°	3000	20	1780	89
740010**-284	On-Off	3-phase rail	Spot 18°	4000	20	1830	91
740010**-384	On-Off	3-phase rail	Flood 25°	4000	20	1830	91
740010**-484	On-Off	3-phase rail	Wide Flood 45°	4000	20	1830	91
740013**-283	DALI	3-phase rail	Spot 18°	3000	20	1780	89
740013**-383	DALI	3-phase rail	Flood 25°	3000	20	1780	89
740013**-483	DALI	3-phase rail	Wide Flood 45°	3000	20	1780	89
740013**-284	DALI	3-phase rail	Spot 18°	4000	20	1830	91
740013**-384	DALI	3-phase rail	Flood 25°	4000	20	1830	91
740013**-484	DALI	3-phase rail	Wide Flood 45°	4000	20	1830	91



**INTELLIGENT
CONTROL**



POINT



615



740

**INDIVIDUALISED
CONTROL**

In installations formed of luminaires that incorporate DALI protocol, you can control and adjust the lights individually, turning them on or off or dimming them point by point. 0-10V versions also available.



Some versions have an on-board dimmer, allowing the light intensity to be adjusted manually on the luminaire itself.






Simon | 899



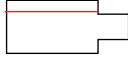


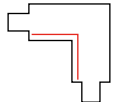
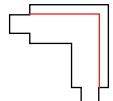

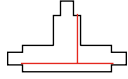
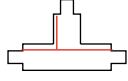
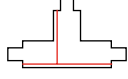
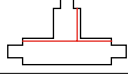

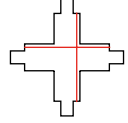
Rail

The electrified rail systems allow the generation of structures for the installation of spotlights. The 3-phase rails are a more convenient system for moving, increasing or reducing the number of points of light in a lighting installation. To allow you to create any scheme you wish, they come with a complete range of accessories allowing you to configure custom structures.

3-PHASE RAIL

3-PHASE RAIL		ART. NO.	DESCRIPTION
		89920130-039	3-phase rail 1 m white
		89920133-039	3-phase rail 1 m aluminium
		89920138-039	3-phase rail 1 m black
		89920230-039	3-phase rail 2 m white
		89920233-039	3-phase rail 2 m aluminium
		89920238-039	3-phase rail 2 m black
		89920330-039	3-phase rail 3 m white
		89920333-039	3-phase rail 3 m aluminium
		89920338-039	3-phase rail 3 m black
		89920438-039	3-phase rail 4 m black
		89930130-039	3-phase recessed rail 1 m white
		89930138-039	3-phase recessed rail 1 m black
		89930230-039	3-phase recessed rail 2 m white
		89930238-039	3-phase recessed rail 2 m black
		89930330-039	3-phase recessed rail 3 m white
		89930338-039	3-phase recessed rail 3 m black

ACCESSORIES FOR 3-PHASE RAIL WITH POWER SUPPLY


		ART. NO.	DESCRIPTION	POWER SUPPLY CODE**
		89910130-039	Power supply end with right-side polarity white	A
		89910133-039	Power supply end with right-side polarity grey	A
		89910138-039	Power supply end with right-side polarity black	A
		89910230-039	Power supply end with left-side polarity white	B
		89910233-039	Power supply end with left-side polarity grey	B
		89910238-039	Power supply end with left-side polarity black	B
	-	89910330-039	Intermediate power supply white	
		89910338-039	Intermediate power supply black	
		89910630-039	L Connector with inner polarity white	G
		89910638-039	L Connector with inner polarity black	G
		89910730-039	L connector with outer polarity white	F
		89910738-039	L Connector with outer polarity black	F
		89910830-039	T connector with outer right-side polarity white	K
		89910838-039	T connector with outer right-side polarity black	K
		89910930-039	T connector with inner left-side polarity white	J
		89910938-039	T connector with inner left-side polarity black	J
		89911030-039	T connector with outer left-side polarity white	I
		89911038-039	T connector with outer left-side polarity black	I
		89911130-039	T connector with inner right-side polarity white	H
		89911138-039	T connector with inner right-side polarity black	H
		89911230-039	Cross-shaped connector white	L
		89911238-039	Cross-shaped connector black	L

**See diagram on page 173

3-PHASE RAIL ACCESSORIES WITHOUT POWER SUPPLY


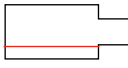
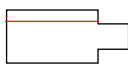


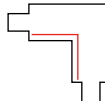
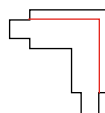

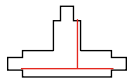
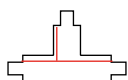
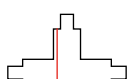
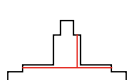

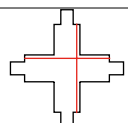
	ART. NO.	DESCRIPTION	POWER SUPPLY CODE
	89910430-039	Continuity connector white	
	89910438-039	Continuity connector black	
	89910530-039	Flexible connector white	E
	89910538-039	Flexible connector black	E
	89911330-039	Suspension kit white*	
	89911338-039	Suspension kit black*	
	89911430-039	End cover white	M
	89911433-039	End cover grey	M
	89911438-039	End cover black	M
	89911530-039	Surface-mounted socket for spotlight white	
	89911538-039	Surface-mounted socket for spotlight black	
	89911630-039	Recessed socket for spotlight white	
	89911638-039	Recessed socket for spotlight black	
	89911730-039	Recessed linear cover white	
	89911733-039	Recessed linear cover grey	
	89911738-039	Recessed linear cover black	
	89911830-039	Recessed L, T, X cover white	
	89911838-039	Recessed L, T, X cover black	
	89969930-116	Anchor kit with rod white	

DIMMABLE 3-PHASE RAIL






	ART. NO.	DESCRIPTION
	89921130-039	Dimmable 3-phase rail 1 m white
	89921138-039	Dimmable 3-phase rail 1 m black
	89921230-039	Dimmable 3-phase rail 2 m white
	89921238-039	Dimmable 3-phase rail 2 m black
	89921330-039	Dimmable 3-phase rail 3 m white
	89921338-039	Dimmable 3-phase rail 3 m black
	89931130-039	Dimmable recessed 3-phase rail 1 m white
	89931138-039	Dimmable recessed 3-phase rail 1 m black
	89931230-039	Dimmable recessed 3-phase rail 2 m white
	89931238-039	Dimmable recessed 3-phase rail 2 m black
	89931330-039	Dimmable recessed 3-phase rail 3 m white
	89931338-039	Dimmable recessed 3-phase rail 3 m black

*Tensioner recommended every 1m


ACCESSORIES FOR DIMMABLE 3-PHASE RAIL WITH POWER SUPPLY

		ART. NO.	DESCRIPTION	POWER SUPPLY CODE
		89940130-039	Dimmable power supply end with right-side polarity white	A
		89940138-039	Dimmable power supply end with right-side polarity black	A
		89940230-039	Dimmable power supply end with left-side polarity white	B
		89940238-039	Dimmable power supply end with left-side polarity black	B
	-	89940330-039	Dimmable intermediate power supply white	
		89940338-039	Dimmable intermediate power supply black	
		89940638-039	Dimmable L connector with inner polarity white	G
		89940630-039	Dimmable L Connector with inner polarity black	G
		89940738-039	Dimmable L connector with outer polarity white	F
		89940730-039	Dimmable L Connector with outer polarity dimmable black	F
		89940838-039	T connector with outer right-side polarity dimmable white	K
		89940830-039	T connector with outer right-side polarity dimmable black	K
		89940938-039	T connector with inner left-side polarity dimmable white	J
		89940930-039	T connector with inner left-side polarity dimmable black	J
		89941038-039	T connector with outer left-side polarity dimmable white	I
		89941030-039	T connector with outer left-side polarity dimmable black	I
		89941138-039	T connector with inner right-side polarity dimmable white	H
		89941130-039	T connector with inner right-side polarity dimmable black	H
		89941238-039	Cross-shaped connector dimmable white	L
		89941230-039	Cross-shaped connector dimmable black	L






3-PHASE ADJUSTABLE RAIL ACCESSORIES WITHOUT POWER SUPPLY

	ART. NO.	DESCRIPTION	POWER SUPPLY CODE
	89940430-039	Continuity connector dimmable white	
	89940438-039	Continuity connector dimmable black	
	89940530-039	Flexible connector dimmable white	E
	89940538-039	Flexible connector dimmable black	E
	89911430-039	End cover white	M
	89911433-039	End cover grey	M
	89911438-039	End cover black	M
	89941730-039	Recessed linear cover dimmable white	
	89941738-039	Recessed linear cover dimmable black	
	89941830-039	Recessed L, T, X cover dimmable white	
	89941838-039	Recessed L, T, X cover dimmable black	
	89969930-116	Anchor kit with rod white	

RAIL 48 Vdc

	ART. NO.	DESCRIPTION
	89961930-039	Rail 48 Vdc 1m Surface-mounted white
	89961938-039	Rail 48 Vdc 1m Surface-mounted black
	89962930-039	Rail 48 Vdc 2m Surface-mounted white
	89962938-039	Rail 48 Vdc 2m Surface-mounted black
	89963930-039	Rail 48 Vdc 3m Surface-mounted white
	89963938-039	Rail 48 Vdc 3m Surface-mounted black
	89964930-039	Rail 48 Vdc 1m Recessed white
	89964938-039	Rail 48 Vdc 1m Recessed black
	89965930-039	Rail 48 Vdc 2m Recessed white
	89965938-039	Rail 48 Vdc 2m Recessed black
	89966930-039	Rail 48 Vdc 3m Recessed white
	89966938-039	Rail 48 Vdc 3m Recessed black

48Vdc RAIL ACCESSORIES

	ART. NO.	DESCRIPTION
	89969930-112	End cover white
	89969938-112	End cover black
	89969930-100	End cover with left-side power supply white
	89969938-100	End cover with left-side power supply black
	89969930-101	End cover with right-side power supply white
	89969938-101	End cover with right-side power supply black
	89969930-113	Connector cover white
	89969938-113	Connector cover black
	89969930-104	Flexible connector white
	89969938-104	Flexible connector black
	89969930-105	L connector with left-side power supply white
	89969938-105	L connector with left-side power supply black
	89969930-106	L connector with right-side power supply white
	89969938-106	L connector with right-side power supply black
	89969930-107	T connector with inner left-side power supply white
	89969938-107	T connector with inner left-side power supply black
	89969930-108	T connector with inner right-side power supply white
	89969938-108	T connector with inner right-side power supply black
	89969930-109	T connector with outer left-side power supply white
	89969938-109	T connector with outer left-side power supply black
	89969930-110	T connector with outer right-side power supply white
	89969938-110	T connector with outer right-side power supply black
	89969930-111	Cross connector with power supply white
	89969938-111	Cross connector with power supply black
	89969930-114	Cross connector cover white
	89969938-114	Cross connector cover black
	89969930-102	Surface-mounted connector white
	89969938-102	Surface-mounted connector black
	89969930-103	Recessed connector white
	89969938-103	Recessed connector black
	89969930-115	Rail Suspension Kit 48 Vdc white
	89969938-115	Rail Suspension Kit 48 Vdc black

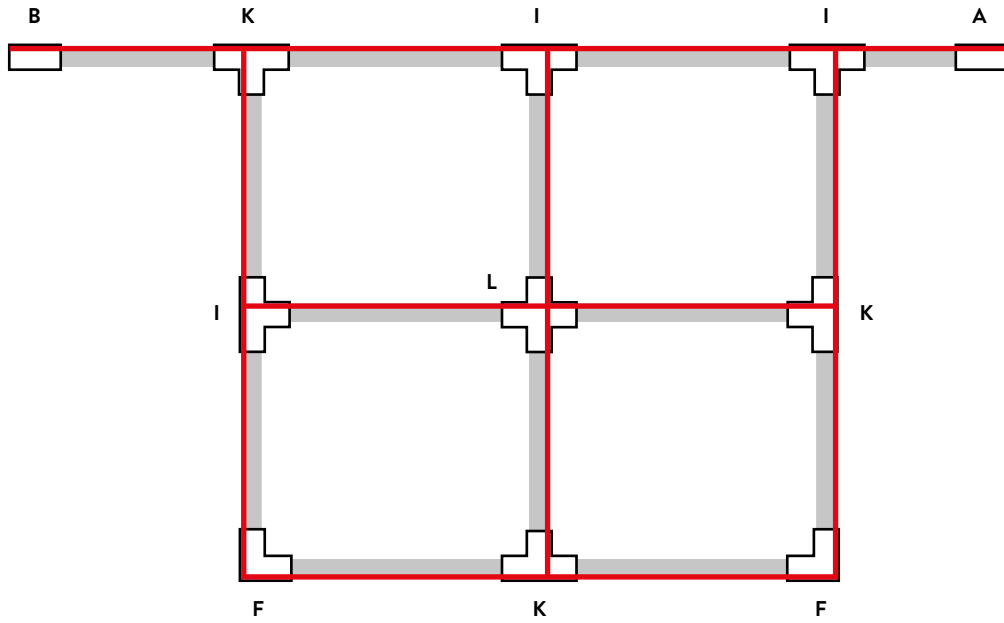
EQUIPMENT

	ART. NO.	DESCRIPTION
	91793901-999	Gear 48Vdc 72W
	91793902-999	Gear 48Vdc 100W
	91793903-999	Gear 48Vdc 240W

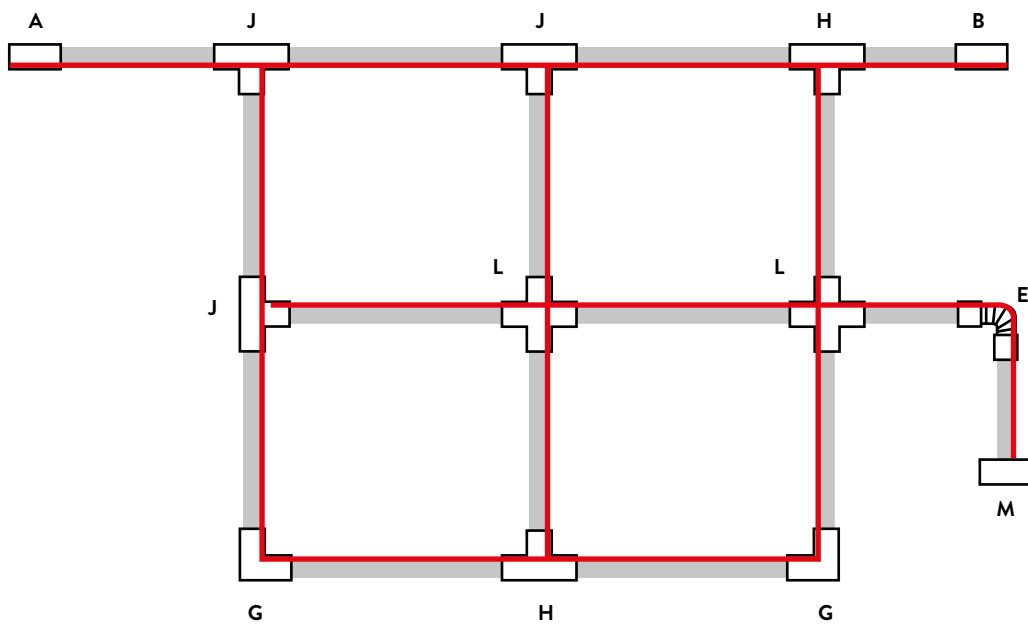
DIAGRAM

RAIL

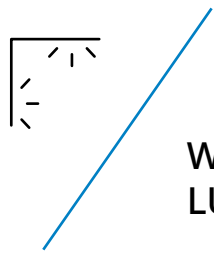
EXTERNAL GROUND TRACK



INTERNAL GROUND TRACK







WALL AND CEILING LUMINAIRES



LOOP

176



MOOD

180



SLIM

190



707

196



717

202



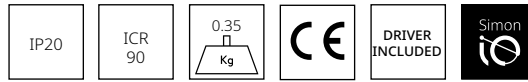
835

204

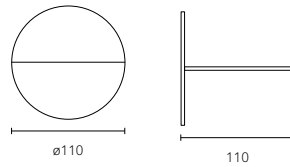


Simon | **LOOP**
Wall
luminaire

Loop is a contemporary interpretation of LED technology. It invites you to create spaces of forms and light, in both individual and group installations. Loop gives a unique personality to any kind of space, transforming the concept of interior lighting and offering great creative freedom.



DIMENSIONS AND FASTENING SYSTEMS



Installation Trimless (X-less accessory)

PHYSICAL CHARACTERISTICS AND MATERIALS

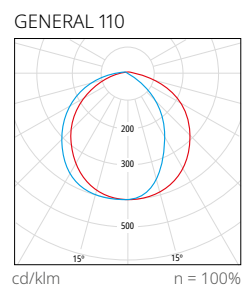
IP 20
Body material steel
Diffuser material PMMA
Orientation 360° on horizontal axis
Finishes ○ White 00 ● Black 88

TECHNICAL CHARACTERISTICS

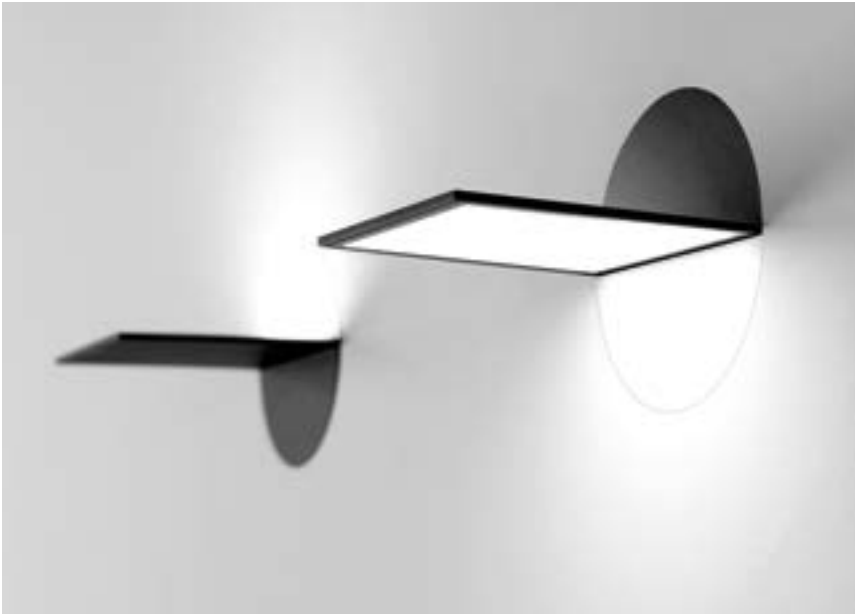
Working temperature from 0°C to 45°C
Power 4W
Actual light flux 132 lm
Lighting efficiency 33 lm/W
Dimming DALI
Opening angle General 110°
Colour Temperature 3000K
MacAdam ellipses <3-Step MacAdam
IRC >90
Light flux maintenance L70>20,000h at 25°C
Service life 30,000 h
Power factor (cos φ at max. charge) >0.8
Supply voltage 220-240Vac 50-60Hz

PHOTOMETRICS

— C0 - C180 — C90 - C270



360° ORIENTATION



Loop is versatile. Its 360° orientation allows the light to be aimed in different directions, increasing its configuration possibilities. Depending on the ambience desired, Loop can illuminate specific areas uniformly, or can be distributed in groups over the surface of a space, where the balance between the light and the aesthetics will give the space a creative value.

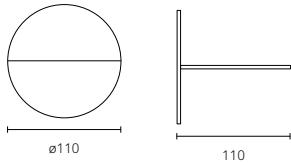


X-Less system. See page 252



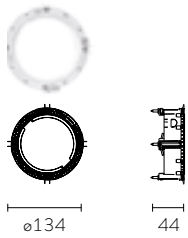
LOOP

LOOP



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91239954-3**	DALI	Trimless	General 110°	3000	4	132	33

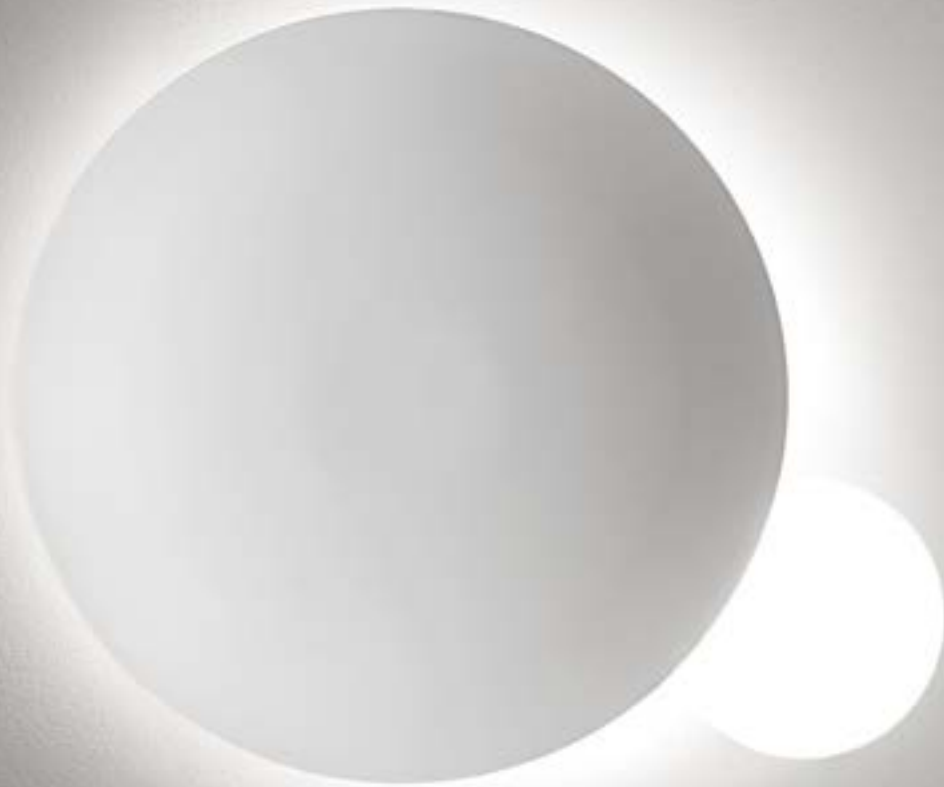
X-LESS ACCESSORY



ART. NO.	DESCRIPTION
99931109-199	X-trimless Accessory



Simon | **MOOD**
Wall and ceiling
luminaire



Mood transforms the vertical planes into elements that acquire a new architectural dimension, by integrating the light source into the wall as though part of it.





DIMENSIONS AND FASTENING SYSTEMS



Installation Wall, ceiling and Trimless

PHYSICAL CHARACTERISTICS AND MATERIALS

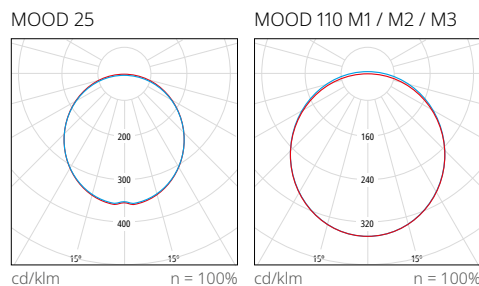
IP 20
Body material Aluminium
Diffuser material Polycarbonate / Glass / Aluminium
Finishes MOOD 25: White | MOOD M1: White / Primer

TECHNICAL CHARACTERISTICS

Working temperature from 0°C to 35°C
Power MOOD 25: 0.7W | MOOD 110 and MOOD 110 M1: 1.6W/3.8W/5.7W | MOOD 110 M2: 3.8W/5.7W/6W
Actual light flux MOOD 25: 24lm - 26lm | MOOD 110: 76 lm - 96 lm | MOOD 110 M2: 38 lm - 48 lm (3.8W) / 307 lm - 315 lm - 322 lm
Actual efficiency MOOD 25: <37.14 lm/W | MOOD 110: <60 lm/W | MOOD 110 M1: <6 lm/W | MOOD 110 M2: <53.7 lm/W
Dimming 1-10V / DALI / ON-OFF
Opening angle 112°
Colour Temperature MOOD 25: 2700K, 3000K, 4000K | MOOD 110: 2200K - 4000K (3.8W) / 2700K - 3000K - 4000K / RGB
MacAdam ellipses <3-Step MacAdam
IRC 80
Light flux maintenance L70>100,000h - 25°C
Operating current/ voltage MOOD 25: 24Vdc | MOOD 110 / M1: 180 mA / (RGB/TW): 24 Vdc | MOOD 110 / M2 / M3 / M4: 260 mA

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION

MOOD 25

MOOD 110

MOOD 110 M1

MOOD 110 M2

MOOD 110 M3

MOOD 110 M3



WIDE
RANGE

MOOD 25/110

The Mood 25 and Mood 110 versions offer subtle, diffused lighting that is emitted by the translucent cylinder integrated seamlessly into the wall.



MOOD M1

Mood M1 includes a disc that can be customised to be the same colour as the wall, partially covering the luminaire and transforming it into a beautiful circle of light that offers multiple compositional possibilities.



MOOD M2

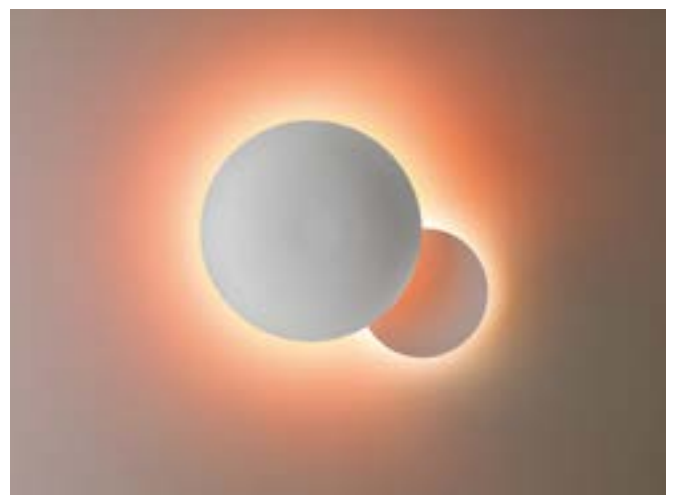
The blown-glass of Mood M2 integrates perfectly into the illuminated part of the wall, to recreate it, offering new decorative possibilities.

The RGB versions open up a world of applications, allowing the colour to be adjusted and customised to create the desired atmosphere.



MOOD M3

The visible white surface contrasts with the finishes of the reflector surface, in chrome, gold, copper or bronze create a whole range of different effects to meet your lighting needs in an inspiring way. Available in two sizes and two wall support lengths to allow overlapping compositions.



INTEGRATED INTO THE SPACE

The new patented X-Less installation system allows seamless integration of the luminaire into the wall, guaranteeing excellent lighting quality and avoiding surface imperfections. Ideal for the most demanding interior design projects.

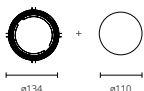
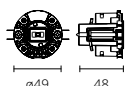
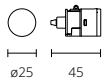


X-Less system. See page 252



MOOD

MOOD 25



ART. NO.	CONTROL	INSTALLATION	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91620104-299	-	Trimless	2700	0.7	24	34
91620104-399	-	Trimless	3000	0.7	24	34
91620104-499	-	Trimless	4000	0.7	26	37

EQUIPMENT

ART. NO.	CONTROL	DESCRIPTION
98820416-999	1-10V	From 1 to 6 units
98820318-999	On-Off	From 1 to 8 units
98820512-999	DALI	From 1 to 20 units

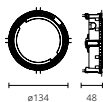
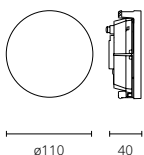
X-LESS ACCESSORIES

ART. NO.	DESCRIPTION
99920919-999	X-Less 25 Accessory

REGISTER BOX

ART. NO.	DESCRIPTION
99981000-900	X-Less Ceiling Register Box White
99981000-977	X-Less Ceiling Register Box Primer

MOOD 110



ART. NO.	CONTROL	INSTALLATION	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91621104-299	-	Trimless	2700	1.6	90	56
91621104-399	-	Trimless	3000	1.6	92	57
91621104-499	-	Trimless	4000	1.6	96	60
91621104-899	DALI	Trimless	2200-4000	3.8	76-96	20 - 25
91621104-099	DALI	Trimless	RGB	5.7	-	-

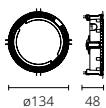
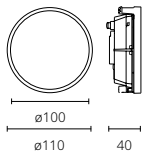
X-LESS ACCESSORIES

ART. NO.	CONTROL	DESCRIPTION
99921919-999		X-Less 110 Accessory

EQUIPMENT

ART. NO.	CONTROL	DESCRIPTION
98821315-999	On-Off	From 1 to 5 units
98821415-999	1-10V	From 1 to 5 units
98821515-999	DALI	From 1 to 5 units
98820512-999	DALI	1 pc for RGB/2200-4000K

MOOD 110 M1



ART. NO.	CONTROL	INSTALLATION	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91621204-2**	-	Trimless	2700	1.6	9	5
91621204-3**	-	Trimless	3000	1.6	9.2	5
91621204-4**	-	Trimless	4000	1.6	9.6	6
91621204-8**	DALI	Trimless	2200-4000	3.8	7.6-9.6	2
91621204-0**	DALI	Trimless	RGB	5.7	-	-

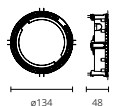
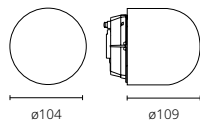
X-LESS ACCESSORIES

ART. NO.	CONTROL	DESCRIPTION
99921919-999	-	X-Less 110 Accessory

EQUIPMENT

ART. NO.	CONTROL	DESCRIPTION
98821315-999	On-Off	From 1 to 5 units
98821415-999	1-10V	From 1 to 5 units
98821515-999	DALI	From 1 to 5 units
98820512-999	DALI	1 pc for RGB/2200-4000K

MOOD 110 M2



ART. NO.	CONTROL	INSTALLATION	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91621364-200	-	Trimless	2700	6	307	51
91621364-300	-	Trimless	3000	6	315	52
91621364-400	-	Trimless	4000	6	322	53
91621364-800	DALI	Trimless	2200-4000	3.8	38-48	10-12
91621364-000	DALI	Trimless	RGB	5.7	-	-

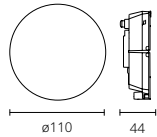
X-LESS ACCESSORIES

ART. NO.	CONTROL	DESCRIPTION
99921919-999	-	X-Less 110 Accessory

EQUIPMENT

ART. NO.	CONTROL	DESCRIPTION
98821315-999	On-Off	From 1 to 5 units
98821415-999	1-10V	From 1 to 5 units
98821515-999	DALI	From 1 to 5 units
98820512-999	DALI	1 pc for RGB/2200-4000K

MOOD 110 M3 AND M4



ART. NO.	CONTROL	INSTALLATION	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91621164-299	-	Trimless	2700	6	-	-
91621164-399	-	Trimless	3000	6	-	-
91621164-499	-	Trimless	4000	6	-	-

EQUIPMENT

ART. NO.	CONTROL	DESCRIPTION
98820119-999	On-Off	From 1 to 5 units
98831119-999	1-10V	From 1 to 5 units
98831319-999	DALI	From 1 to 5 units

M3 SHORT ROD ACCESSORY

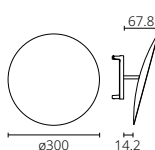
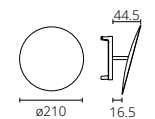
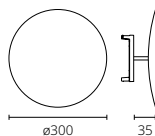
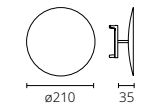
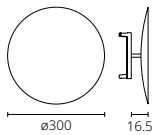
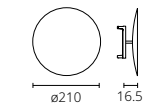
ART. NO.	DESCRIPTION
91699199-100	Mini White-White
91699199-105	Mini White-Chrome
91699199-106	Mini White-Gold
91699199-107	Mini White-Bronze
91699299-100	White-White
91699299-105	White-Chrome
91699299-106	White-Gold
91699299-107	White-Bronze

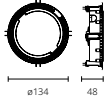
M3 SHORT ROD ACCESSORY

ART. NO.	DESCRIPTION
91699190-100	Mini White-White
91699190-105	Mini White-Chrome
91699190-106	Mini White-Gold
91699190-107	Mini White-Bronze
91699290-100	White-White
91699290-105	White-Chrome
91699290-106	White-Gold
91699290-107	White-Bronze

M3 DIRECTIONAL ROD ACCESSORY

ART. NO.	DESCRIPTION
91699199-300	Mini White-White
91699199-305	Mini White-Chrome
91699199-306	Mini White-Gold
91699199-307	Mini White-Bronze
91699299-300	White-White
91699299-305	White-Chrome
91699299-306	White-Gold
91699299-307	White-Bronze





X-LESS ACCESSORIES

ART. NO.	DESCRIPTION
99921919-999	X-Less 110 Accessory

EQUIPMENT

ART. NO.	CONTROL	DESCRIPTION
98820119-999	On-Off	From 1 to 2 units
98831119-999	1-10V	From 1 to 2 units
98831319-999	DALI	From 1 to 2 units

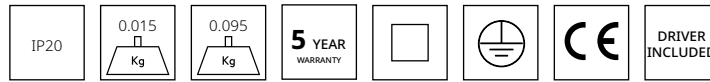


Simon | SLIM

Wall and ceiling
luminaire

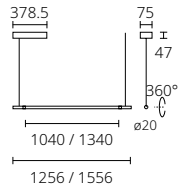
A pleasant and homogeneous bath of light, capable of rotating 360° and projecting over the desired area. Its diffuser and special fins attenuate glare.



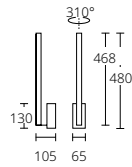


DIMENSIONS AND FASTENING SYSTEMS

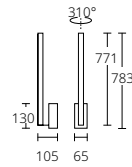
Slim 48V Suspended



Slim Micro Wall



Slim Mini wall



Installation Suspended, Wall

PHYSICAL CHARACTERISTICS AND MATERIALS

IP 20
Body material Aluminium
Diffuser material Polycarbonate
Orientation Horizontal 360° (suspended)
Finishes ○ White 00 ● Black 88

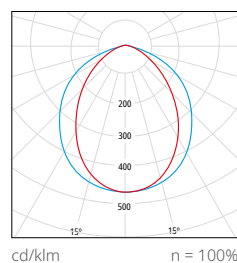
TECHNICAL CHARACTERISTICS

Working temperature from 0 °C to 35 °C
Power 9W - 30W
Actual light flux 650 lm - 4620 lm
Actual efficiency <81 lm/W
Dimming On-Off, OBD, DALI
Opening angle:
Colour Temperature 2700K, 3000K, 4000K
MacAdam ellipses <3-Step MacAdam
IRC >80
Flux maintenance L70>100,000 h at 25 °C, L90>30,000h at 25 °C
Supply voltage 100-240V 50/60Hz
Power factor (cos φ at max. charge) > 0.9

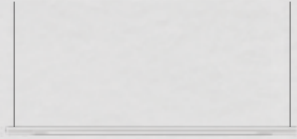
PHOTOMETRICS

— C0 - C180 — C90 - C270

SYMMETRIC



PRODUCT COLLECTION



SLIM SUSPENDED 48V



SLIM MICRO WALL



SLIM MINI WALL



ARCHITECTURAL INTEGRATION

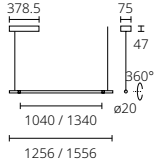
The combination of vertical and horizontal sections, together with the other elements of the system, allows it to extend over the space, forming another construction element and creating functional sculptures that integrate into various environments.





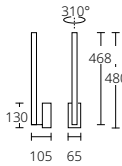
SLIM

SLIM SUSPENDED 48V



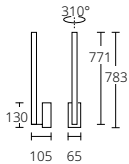
ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
91713010-2**	OBD	Suspended	Symmetric	2700	42	3040	72
91713010-3**	OBD	Suspended	Symmetric	3000	42	3270	77
91713010-4**	OBD	Suspended	Symmetric	4000	42	3460	82
91713110-2**	OBD	Suspended	Symmetric	2700	56	4050	72
91713110-3**	OBD	Suspended	Symmetric	3000	56	4360	77
91713110-4**	OBD	Suspended	Symmetric	4000	56	4620	82
91813010-2**	DALI	Suspended	Symmetric	2700	42	3040	72
91813010-3**	DALI	Suspended	Symmetric	3000	42	3270	77
91813010-4**	DALI	Suspended	Symmetric	4000	42	3460	82
91813110-2**	DALI	Suspended	Symmetric	2700	56	4050	72
91813110-3**	DALI	Suspended	Symmetric	3000	56	4360	77
91813110-4**	DALI	Suspended	Symmetric	4000	56	4620	82

SLIM MICRO WALL



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
90012010-2**	On-Off	Wall	Symmetric	2700	9	650	72
90012010-3**	On-Off	Wall	Symmetric	3000	9	650	72
90012010-4**	On-Off	Wall	Symmetric	4000	9	650	72

SLIM MINI WALL

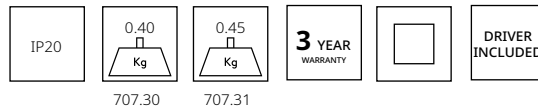


ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
90012110-2**	On-Off	Wall	Symmetric	2700	16	1300	81
90012110-3**	On-Off	Wall	Symmetric	3000	16	1300	81
90012110-4**	On-Off	Wall	Symmetric	4000	16	1300	81



Simon | **707**
Wall and ceiling
luminaire

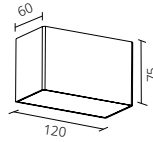
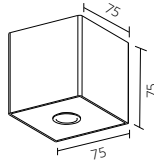
Wall luminaires 707 provide ambient lighting for corridors, receptions, staircase landings, residential spaces. A cubic design that integrates into the wall as though forming another architectural element. Versions in white and aluminium.



DIMENSIONS AND FASTENING SYSTEMS

707.30

707.31



Installation Surface-mounted (wall)

PHYSICAL CHARACTERISTICS AND MATERIALS

IP 20
Body material Aluminium
Diffuser material Aluminium (reflector)
Finishes ○ White 30 ● Aluminium 33

TECHNICAL CHARACTERISTICS

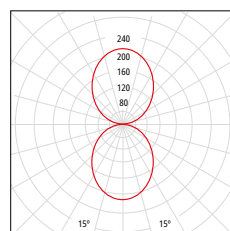
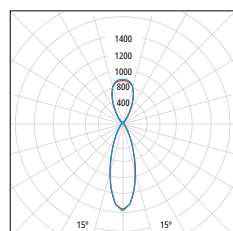
Operating temperature -20°C to 35°C
Power 707.30: 10W | 707.31: 12W
Actual light flux 707.30: 500lm - 700lm | 707.31: 670lm - 750lm
Actual efficiency <70 lm/W
Dimming On-Off
Opening angle 707.30: General Flood30° | 707.31: Diffuse 70°
Colour Temp. 3000K, 4000K
MacAdam ellipses <3-Step MacAdam
IRC 80
Light flux maintenance L70>30,000h at 25°C
Service life 30,000 h
Supply voltage 707.30: 220 - 240 V / 50 - 60 Hz | 707.31: 100 - 240V / 50 - 60Hz
Power factor (cos φ at max. charge) > 0.9

PHOTOMETRICS

— C0 - C180 — C90 - C270

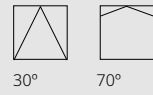
GENERAL 30°

DIFFUSE 70°



cd/klm n = 100%

cd/klm n = 100%

PRODUCT
COLLECTION

707.30



707.31



The square version, fitted with general-flood optics, provides accent lighting, and the rectangular version with diffuse optics provides a soft light effect. Available in 3000 K and 4000 K colour temperatures.



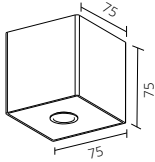
ACCENT LIGHTING AND DIFFUSE LIGHTING

Two types of lighting with the same aesthetic: accent, where the effect of the point light allows you to draw attention to specific areas and architectural elements; and diffuse, which provides a wash of soft, diffuse light and can be installed in different work environments.



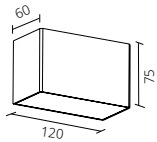
707

707.30



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
70730130-683	On-Off	Surface-mounted (Wall)	General flood 30-60°	3000	10	500	50
70730133-683	On-Off	Surface-mounted (Wall)	General flood 30-60°	3000	10	500	50
70730130-684	On-Off	Surface-mounted (Wall)	General flood 30-60°	4000	10	700	70
70730133-684	On-Off	Surface-mounted (Wall)	General flood 30-60°	4000	10	700	70

707.31



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
70731130-883	On-Off	Surface-mounted (Wall)	Diffuse 70°	3000	12	670	55
70731133-883	On-Off	Surface-mounted (Wall)	Diffuse 70°	3000	12	670	55
70731130-884	On-Off	Surface-mounted (Wall)	Diffuse 70°	4000	12	750	62
70731133-884	On-Off	Surface-mounted (Wall)	Diffuse 70°	4000	12	750	62

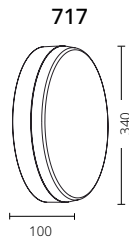


Simon | **717**
Wall and ceiling
luminaire

The wall luminaires in the 717 range, with their neutral and timeless design, can be used to illuminate transit areas, stairways, doorways, car parks, community areas, etc. The versions with presence detection facilitate energy savings by only activating the light when necessary.



DIMENSIONS AND FASTENING SYSTEMS



Installation Surface-mounted (wall and ceiling)

PHYSICAL CHARACTERISTICS AND MATERIALS

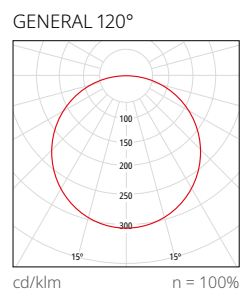
IP 44
Body material Aluminium
Diffuser material Polycarbonate
Finishes ○ White

TECHNICAL CHARACTERISTICS

Operating temperature -15°C to 35°C
Power 21W
Actual light flux 1400 lm - 1500 lm
Actual efficiency <71 lm/W
Dimming On-Off
Opening angle General 120°
Colour Temp. 3000K, 4000K
MacAdam ellipses <3-Step MacAdam
IRC 80
Light flux maintenance L70>30,000h at 25°C
Service life 30,000 h
Supply Voltage 230V 50Hz
Power factor (cos φ at max. charge) > 0.9

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION

717.30
SURFACE-MOUNTED



717.30
DETECTOR



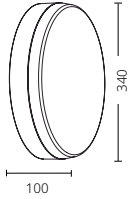
PRESENCE
DETECTOR

There are **smart detector** versions that incorporate a **sensor** with presence detection, which allows them to turn on the light only when necessary, providing considerable energy savings.

They include functions for courtesy lighting and twilight applications.

717

717



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
71730030-983	On-Off	Surface-mounted (Wall, Ceiling)	General 120°	3000	21	1400	66
71730030-984	On-Off	Surface-mounted (Wall, Ceiling)	General 120°	4000	21	1500	71
71730530-983	Detector	Surface-mounted (Wall, Ceiling)	General 120°	3000	21	1400	66
71730530-984	Detector	Surface-mounted (Wall, Ceiling)	General 120°	4000	21	1500	71

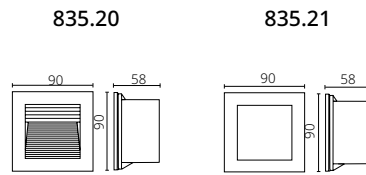


Simon | 835
Wall and ceiling
luminaire

Small-format square luminaires that are integrated into walls to provide courtesy, indirect or diffused lighting in indoor areas such as corridors or stairways, covering functional and decorative needs.



DIMENSIONS AND FASTENING SYSTEMS



Installation Semi-recessed

PHYSICAL CHARACTERISTICS AND MATERIALS

IP 20
Body material Aluminium
Diffuser material Aluminium (reflector)
Finishes ○ White, ○ Aluminium

TECHNICAL CHARACTERISTICS

Operating temperature -20°C to 50°C
Power 1.2W
Actual light flux 835.20: 40lm - 50lm | 835.21: 60lm - 70lm
Actual efficiency 835.20: > 30lm/W - <41 lm/W | 835.21: <58 lm/W
Dimming On-Off
Opening angle 835.20: Indirect | 835.21: Diffuse
Colour Temperature 3000K - 4000K
MacAdam ellipses <3-Step MacAdam
IRC 80
Light flux maintenance L70>60,000 h at 25°C
Service life 30,000 h
Supply voltage 100-240V / 50-60Hz
Power factor (cos φ at max. charge) > 0.9

PRODUCT COLLECTION

835.20



835.21

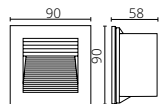


INDIRECT OR
DIFFUSED LIGHT

Two models with the same format, with diffuse or indirect optics, generating different light effects. Available in 3100K and 3900K colour temperatures.

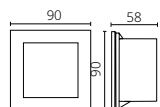
835

835.20



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
83520030-983	On-Off	Semi-recessed	Indirect	3100	1.2	40	33
83520033-983	On-Off	Semi-recessed	Indirect	3100	1.2	40	33
83520030-984	On-Off	Semi-recessed	Indirect	3900	1.2	50	41
83520033-984	On-Off	Semi-recessed	Indirect	3900	1.2	50	41

835.21



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
83521030-883	On-Off	Semi-recessed	Diffuse	3100	1.2	60	50
83521033-883	On-Off	Semi-recessed	Diffuse	3100	1.2	60	50
83521030-884	On-Off	Semi-recessed	Diffuse	3900	1.2	70	58
83521033-884	On-Off	Semi-recessed	Diffuse	3900	1.2	70	58



INTELLIGENT
CONTROL



MOOD



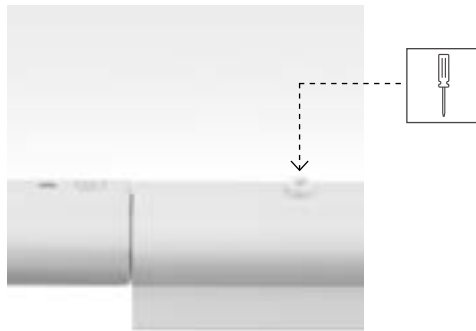
SLIM



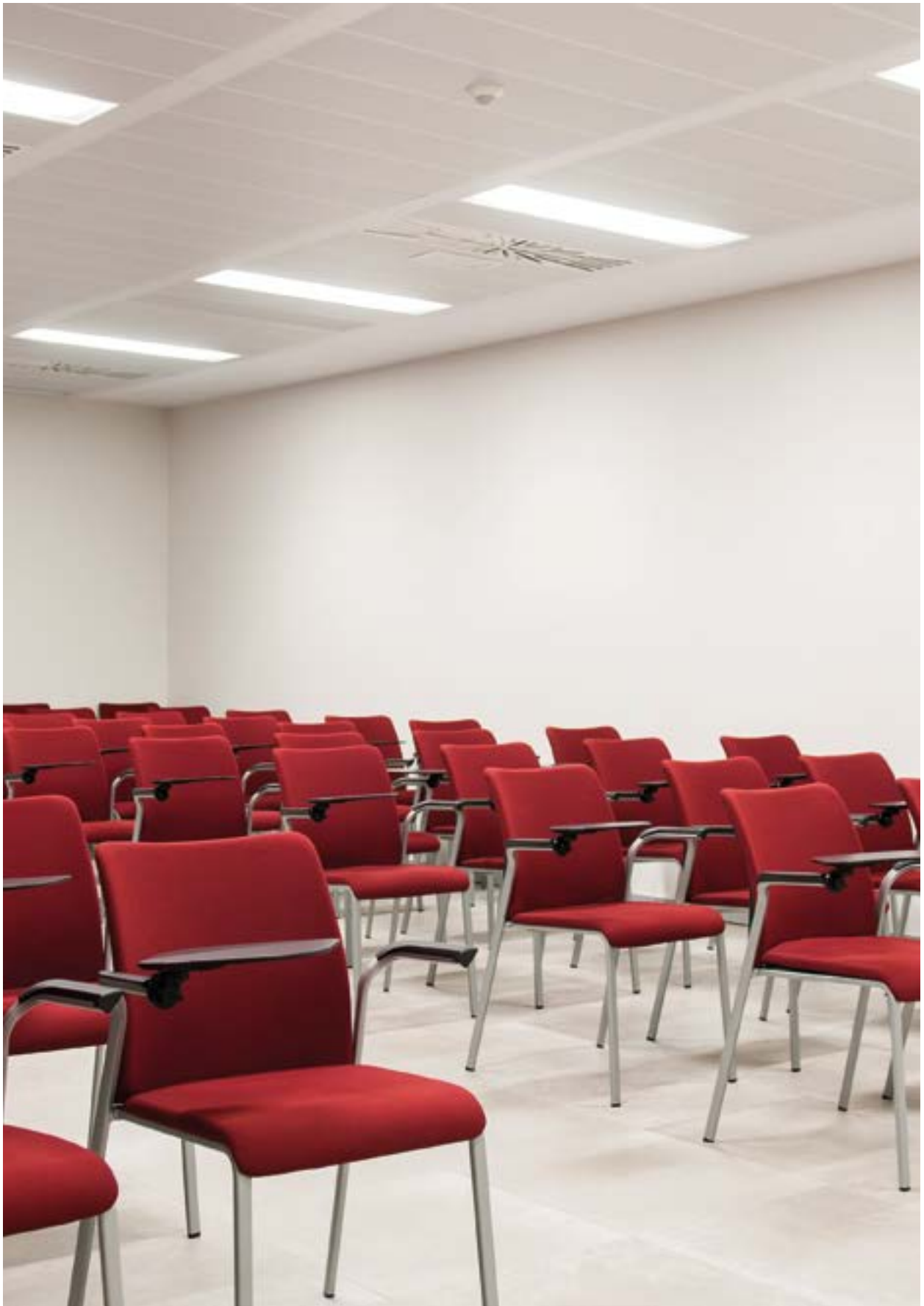
LOOP

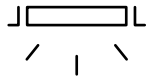
**INDIVIDUALISED
CONTROL**

In compositions formed of various modules with DALI protocol, you can control and adjust the light individually and dim or turn on and off each individual luminaire one at a time.



Some versions have an **on-board dimmer**, allowing the light intensity to be adjusted manually on the luminaire itself.





**MODULAR
CEILING
LUMINAIRES**



720 & 720 BIO
214



726
224

Simon | 720

Modular luminaire



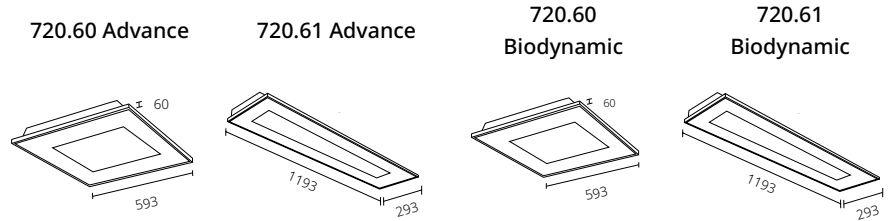
The **720** range integrates into all false ceiling solutions, in both flat or modular profiles.

Excellent energy efficiency of 140 lm/W and a range of different optics and control and dimming solutions make it perfect for lighting projects in environments that require a high level of visual comfort, energy efficiency and light quality, such as work spaces and in the healthcare and tertiary sectors.





DIMENSIONS AND FASTENING SYSTEMS



Installation Surface-mounted / Recessed / Exposed grid ceilings, concealed, half-concealed

PHYSICAL CHARACTERISTICS AND MATERIALS

IP 44
Body material Aluminium
Diffuser material PMMA
Finishes ○ White

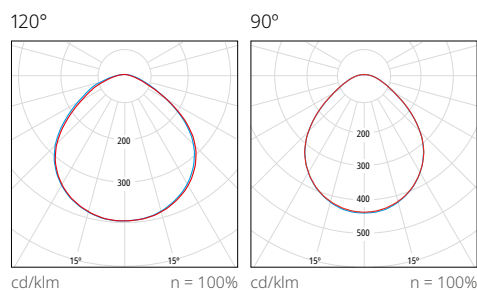
TECHNICAL CHARACTERISTICS

Working temperature from - 30 °C to 40 °C
Power 720: 28W | 720 Bio: 34W
Actual light flux 720: 2200 lm - 4100 lm | 720 Bio: 4000lm
Actual efficiency 720: <146 lm/W | 720 Bio: <117 lm/Wv
Regulation 720: 1-10V / DALI / ON-OFF / CLC | 720 Bio: 1-10V / DALI / ON-OFF
Opening angle 120°
Colour Colour 720: 3000K - 4000K | 720 Bio: 2700K - 5700K
MacAdam ellipses <3-Step MacAdam
IRC 720: 85 | 720 Bio: > 80 (4000K) / > 90 (2700K, 3000K)
Flux maintenance L90 > 40,000h at 25°C / L70 >100,000h at 25°C
Service life 50,000 h
Glare index (UGR)* >0.9
Supply voltage 720: On-Off: 100-240V 50-60Hz, DALI: 230V 50-60Hz | 720 Bio 100-240V / 50-60Hz

*UGR variable according to project

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION

720.60
ADVANCE

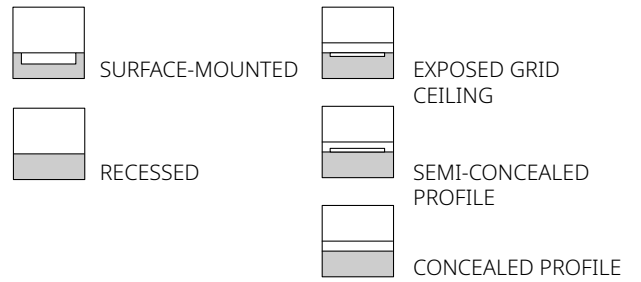


720.61
ADVANCE



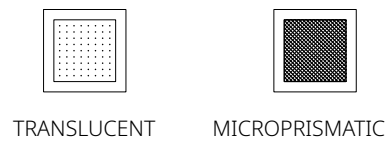
IN ALL TYPES OF CEILINGS

Can be surface-mounted onto the ceiling or recessed into flat false ceilings or modular profiles.



DIFFERENT TYPES OF OPTICS

Two types of optics: translucent optics, for maximum luminous efficiency and microprismatic, for spaces that require greater glare control (UGR<19).



CUSTOMISED LIGHT



General



Medium



100%



100%



80%



60%



40%

You can choose either warm or cool lighting depending on the context and application environment.



3000K



4000K



Simon | 720 BIO

Modular luminaire

The biodynamic 720 luminaire allows you to set the most suitable colour temperature for an activity or time of day, improving wellness, performance, mood and comfort.

Healthy lighting that complements the natural light in workplaces, education centres, health and wellness spaces, and specific applications in continuous work shifts, ICUs, etc.

DYNAMIC LIGHT

Our solutions allow you to synchronise artificial light with natural light cycles. This helps to humanise indoor spaces and adapt them to people's needs. By syncing our bodies with our circadian cycles, we can improve our well-being.

People react to changes in light tone and intensity. Colour temperature is directly linked to circadian rhythms. Physical, mental, and behavioural changes that follow the natural 24-hour sun cycle.

Our photoreceptors capture the different tones of light. Light regulates the sleep-wake cycle and is directly linked to the secretion or inhibition of melatonin, the hormone responsible for sleep.



2700K



3500K




4500K



5700K



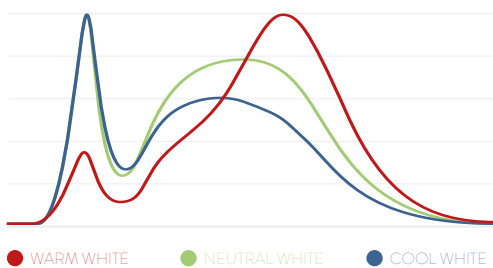
 2700K-5700K

SYNCHRONISED LIGHTING

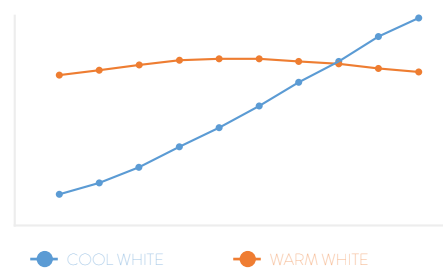
We spend a lot of our time indoors, with limited access to natural light.

Our solutions offer lighting that is synchronised with the natural light cycle, adjusting the colour temperature and light intensity to the different times of day.

We have been able to cover the entire white light spectrum, from 2700 K to 5700 K, with no light flux variations (3900 lm / 30 W) and to maintain a constant colour rendering index (> 80).



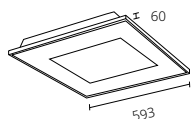
You can regulate the colour temperature (Channel 1) without affecting the CRI, within a temperature range of 2700 K to 5700 K.



You can also dim the light flux (Channel 2), by means of DALI DT8 technology.

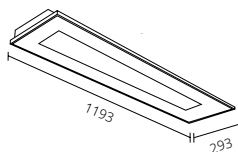
720 & 720 BIO

720.60 ADVANCE



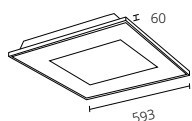
ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
72060040-683	On-Off	Exposed grid ceiling	Microprismatic 90°	3000	28	3200	114
72060040-684	On-Off	Exposed grid ceiling	Microprismatic 90°	4000	28	3400	121
72060040-883	On-Off	Exposed grid ceiling	Translucent 120°	3000	28	3600	128
72060040-884	On-Off	Exposed grid ceiling	Translucent 120°	4000	28	4100	146
72060140-683	1-10V	Exposed grid ceiling	Microprismatic 90°	3000	28	3200	114
72060140-684	1-10V	Exposed grid ceiling	Microprismatic 90°	4000	28	3400	121
72060140-883	1-10V	Exposed grid ceiling	Translucent 120°	3000	28	3600	128
72060140-884	1-10V	Exposed grid ceiling	Translucent 120°	4000	28	4100	146
72060340-683	DALI	Exposed grid ceiling	Microprismatic 90°	3000	28	3200	114
72060340-684	DALI	Exposed grid ceiling	Microprismatic 90°	4000	28	3400	121
72060340-883	DALI	Exposed grid ceiling	Translucent 120°	3000	28	3600	128
72060340-884	DALI	Exposed grid ceiling	Translucent 120°	4000	28	4100	146

720.61 ADVANCE



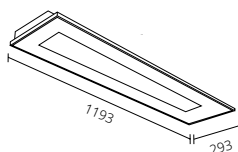
ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
72061040-683	On-Off	Exposed grid ceiling	Microprismatic 90°	3000	28	3200	114
72061040-684	On-Off	Exposed grid ceiling	Microprismatic 90°	4000	28	3400	121
72061040-883	On-Off	Exposed grid ceiling	Translucent 120°	3000	28	3600	128
72061040-884	On-Off	Exposed grid ceiling	Translucent 120°	4000	28	4100	146
72061140-683	1-10V	Exposed grid ceiling	Microprismatic 90°	3000	28	3200	114
72061140-684	1-10V	Exposed grid ceiling	Microprismatic 90°	4000	28	3400	121
72061140-883	1-10V	Exposed grid ceiling	Translucent 120°	3000	28	3600	128
72061140-884	1-10V	Exposed grid ceiling	Translucent 120°	4000	28	4100	146
72061340-683	DALI	Exposed grid ceiling	Microprismatic 90°	3000	28	3200	114
72061340-684	DALI	Exposed grid ceiling	Microprismatic 90°	4000	28	3400	121
72061340-883	DALI	Exposed grid ceiling	Translucent 120°	3000	28	3600	128
72061340-884	DALI	Exposed grid ceiling	Translucent 120°	4000	28	4100	146

720.60 BIODYNAMIC



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
72060340-688	DALI DT8	Exposed grid ceiling	Microprismatic 90°	2700-5700	34	4000	117
72060340-888	DALI DT8	Exposed grid ceiling	Translucent 120°	2700-5700	34	4000	117

720.61 BIODYNAMIC



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
72061340-688	DALI DT8	Exposed grid ceiling	Microprismatic 90°	2700-5700	34	4000	117
72060340-888	DALI DT8	Exposed grid ceiling	Translucent 120°	2700-5700	34	4000	117

ACCESSORIES

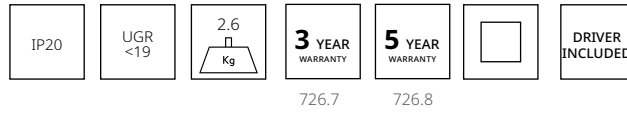
ART. NO.	DESCRIPTION
72095830-039	Quick connection kit 2+2 poles
72095030-039	Luminaire accessory for plaster ceilings 720 60x60
72095130-039	Luminaire accessory for plaster ceilings 720 120x30
72095630-039	Concealed profile accessory for luminaire 720 60x60
72095730-039	Concealed profile accessory for luminaire 720 120x30
72096230-039	Surface-mounted 720 60x60
72096430-039	Surface-mount 720 120x30

Simon | **726**
Modular luminaire

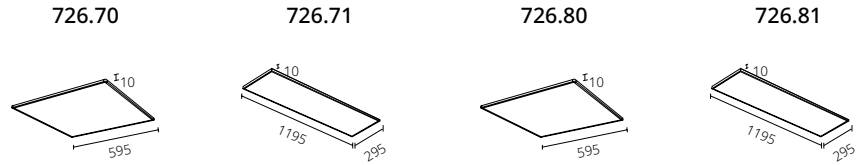


Modular luminaires that provide homogeneous and uniform general lighting in large spaces while controlling glare. The extra-flat format can be integrated into various false ceiling solutions. They can also be surface-mounted using accessories.

Indoor Lighting



DIMENSIONS AND FASTENING SYSTEMS



Installation Exposed grid false ceiling

PHYSICAL CHARACTERISTICS AND MATERIALS

IP 20
Body material Aluminium
Diffuser material PMMA
Finishes ○ White

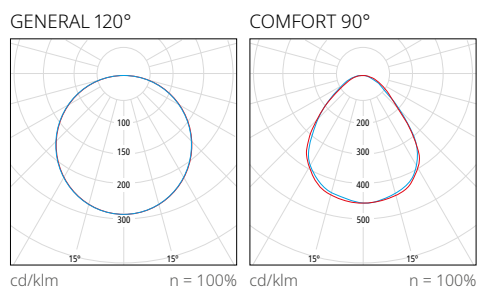
TECHNICAL CHARACTERISTICS

Operating temperature -20°C to 35°C
Power 726.7: 36W | 726.8: 39W
Actual light flux 726.7: 3100lm - 3200lm - 3260lm - 3400lm | 726.8: 3260lm - 3400lm - 3560lm - 3700lm - 3840lm
Actual efficiency <98lm/W
Dimming On-Off / 1-10V / DALI2
Opening angle 726.7: General 120° | 726.8: Comfort 90°
Colour Temperature 3000K, 4000K, 5000K
MacAdam ellipses <3-Step MacAdam
IRC 80
Light flux maintenance L70>36,000 h at 25°C
Service life 726.7: 30,000h | 726.8: 50,000h
Glare index (UGR)* 726.8: <19
Supply voltage 220-240V / 50-60Hz
Power factor (cos φ at max. charge) >0.9

*UGR variable according to project

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION

726.70



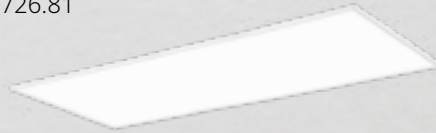
726.80



726.71

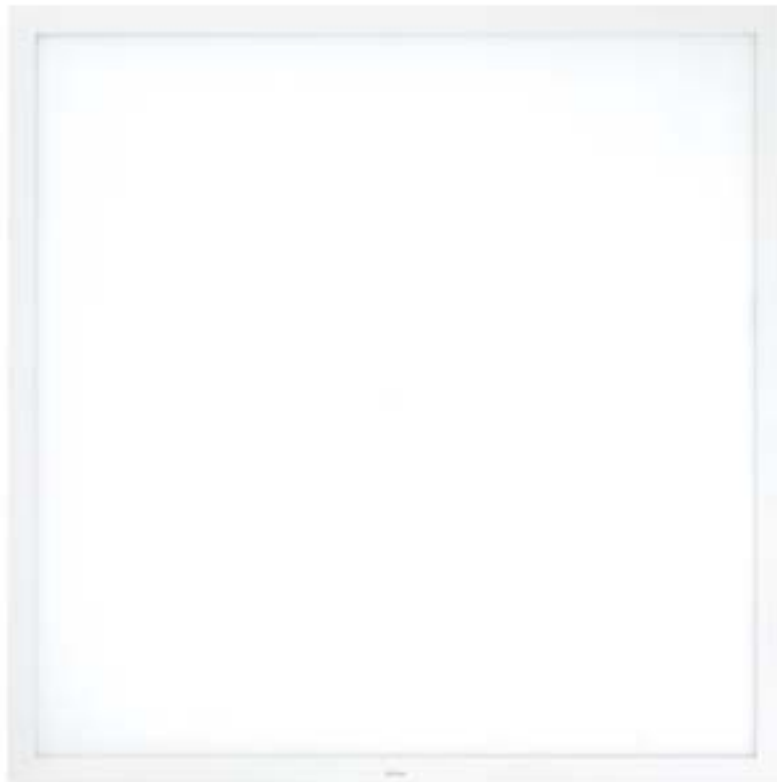


726.81



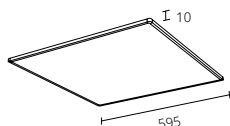
INTELLIGENT CONTROL

Control and dim the light directly using the Simon system, without the need for additional elements. Versions with DALI, DALI 2.0 and 1-10V technology. Available in 3000K, 4000K and 5000K colour temperatures.



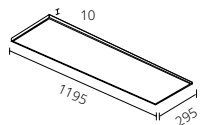
726

726.70



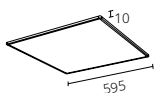
ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
72670033-683	On-Off	Exposed grid technical ceiling	Comfort 90° UGR<19	3000	36	3100	86
72670033-684	On-Off	Exposed grid technical ceiling	Comfort 90° UGR<19	4000	36	3200	88
72670033-685	On-Off	Exposed grid technical ceiling	Comfort 90° UGR<19	5000	36	3200	88
72670333-683	DALI 2	Exposed grid technical ceiling	Comfort 90° UGR<19	3000	36	3100	86
72670333-684	DALI 2	Exposed grid technical ceiling	Comfort 90° UGR<19	4000	36	3200	88
72670333-685	DALI 2	Exposed grid technical ceiling	Comfort 90° UGR<19	5000	36	3200	88
72670033-883	On-Off	Exposed grid technical ceiling	General 120°	3000	36	3260	90
72670033-884	On-Off	Exposed grid technical ceiling	General 120°	4000	36	3400	94
72670033-885	On-Off	Exposed grid technical ceiling	General 120°	5000	36	3400	94
72670333-883	DALI 2	Exposed grid technical ceiling	General 120°	3000	36	3260	90
72670333-884	DALI 2	Exposed grid technical ceiling	General 120°	4000	36	3400	94
72670333-885	DALI 2	Exposed grid technical ceiling	General 120°	5000	36	3400	94

726.71



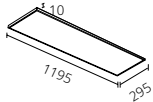
ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
72671033-683	On-Off	Exposed grid technical ceiling	Comfort 90° UGR<19	3000	36	3100	86
72671033-684	On-Off	Exposed grid technical ceiling	Comfort 90° UGR<19	4000	36	3200	88
72671033-685	On-Off	Exposed grid technical ceiling	Comfort 90° UGR<19	5000	36	3200	88
72671333-683	DALI 2	Exposed grid technical ceiling	Comfort 90° UGR<19	3000	36	3100	86
72671333-684	DALI 2	Exposed grid technical ceiling	Comfort 90° UGR<19	4000	36	3200	88
72671333-685	DALI 2	Exposed grid technical ceiling	Comfort 90° UGR<19	5000	36	3200	88
72671033-883	On-Off	Exposed grid technical ceiling	General 120°	3000	36	3260	90
72671033-884	On-Off	Exposed grid technical ceiling	General 120°	4000	36	3400	94
72671033-885	On-Off	Exposed grid technical ceiling	General 120°	5000	36	3400	94
72671333-883	DALI 2	Exposed grid technical ceiling	General 120°	3000	36	3260	90
72671333-884	DALI 2	Exposed grid technical ceiling	General 120°	4000	36	3400	94
72671333-885	DALI 2	Exposed grid technical ceiling	General 120°	5000	36	3400	94

726.80




ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
72680033-683	On-Off	Exposed grid technical ceiling	Comfort 90° UGR<19	3000	39	3560	91
72680033-684	On-Off	Exposed grid technical ceiling	Comfort 90° UGR<19	4000	39	3700	94
72680033-685	On-Off	Exposed grid technical ceiling	Comfort 90° UGR<19	5000	39	3700	94
72680333-683	DALI 2	Exposed grid technical ceiling	Comfort 90° UGR<19	3000	39	3560	91
72680333-684	DALI 2	Exposed grid technical ceiling	Comfort 90° UGR<19	4000	39	3700	94
72680333-685	DALI 2	Exposed grid technical ceiling	Comfort 90° UGR<19	5000	39	3700	94
72680033-883	On-Off	Exposed grid technical ceiling	General 120°	3000	39	3700	94
72680033-884	On-Off	Exposed grid technical ceiling	General 120°	4000	39	3840	98
72680033-885	On-Off	Exposed grid technical ceiling	General 120°	5000	39	3840	98
72680333-883	DALI 2	Exposed grid technical ceiling	General 120°	3000	39	3700	94
72680333-884	DALI 2	Exposed grid technical ceiling	General 120°	4000	39	3840	98
72680333-885	DALI 2	Exposed grid technical ceiling	General 120°	5000	39	3840	98

726.81



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
72681033-683	On-Off	Exposed grid technical ceiling	Comfort 90° UGR<19	3000	39	3260	83
72681033-684	On-Off	Exposed grid technical ceiling	Comfort 90° UGR<19	4000	39	3400	87
72681033-685	On-Off	Exposed grid technical ceiling	Comfort 90° UGR<19	5000	39	3400	87
72681333-683	DALI 2	Exposed grid technical ceiling	Comfort 90° UGR<19	3000	39	3260	83
72681333-684	DALI 2	Exposed grid technical ceiling	Comfort 90° UGR<19	4000	39	3400	87
72681333-685	DALI 2	Exposed grid technical ceiling	Comfort 90° UGR<19	5000	39	3400	87
72681033-883	On-Off	Exposed grid technical ceiling	General 120°	3000	39	3700	94
72681033-884	On-Off	Exposed grid technical ceiling	General 120°	4000	39	3840	98
72681033-885	On-Off	Exposed grid technical ceiling	General 120°	5000	39	3840	98
72681333-883	DALI 2	Exposed grid technical ceiling	General 120°	3000	39	3700	94
72681333-884	DALI 2	Exposed grid technical ceiling	General 120°	4000	39	3840	98
72681333-885	DALI 2	Exposed grid technical ceiling	General 120°	5000	39	3840	98

ACCESSORIES



ART. NO.	DESCRIPTION	INSTALLATION
72095030-039	Plaster ceiling accessory for 720 and 726 60x60	-
72095130-039	Plaster ceiling accessory for 720 and 726 120x30	-
72095630-039	Hidden profile accessory for 720 and 726 60x60	-
72095730-039	Hidden profile accessory for 720 and 726 120x30	-
72697000-039	Suspension accessory 726.7 / 726.8	Suspended
72697030-039	Recessed accessory 726.7 / 726.8	Recessed
72695230-039	Surface-mounted accessory 726 60x60	Surface-mounted
72695430-039	Ceiling accessory 726 120x30	Surface-mounted



**INTELLIGENT
CONTROL**



720

INTELLIGENT
CONTROL



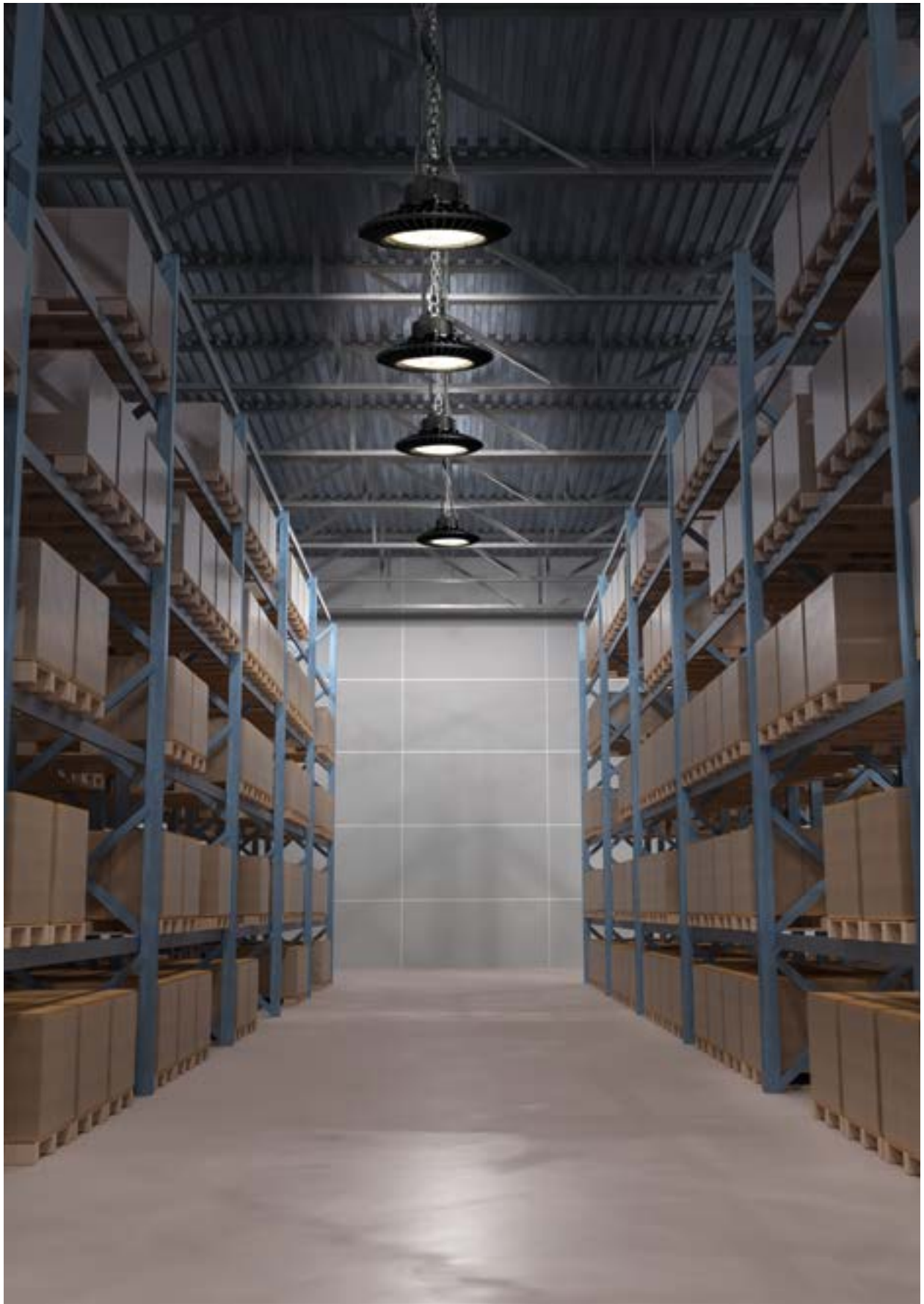
Scena



720 BIO

Simon SCENA guarantees optimal control and synchronization of sunlight in the system installation area. We cover the entire white light spectrum, from 2700 K to 5700 K, with no light flux variations (3900 lm / 30 W), maintaining a constant colour rendering index (> 80).







INDUSTRIAL LUMINAIRES



816
234



716
240



780
244



880
248

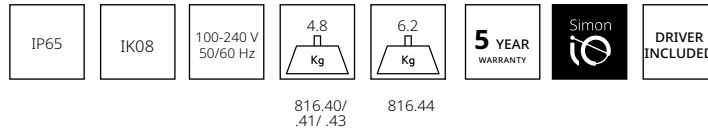


Simon | 816

Industrial
luminaire

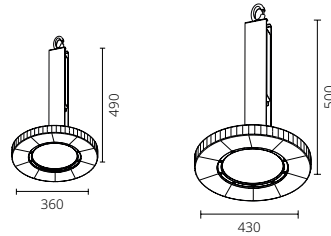
The **816** suspended luminaires are designed for industrial environments, large commercial warehouses and other spaces with heights of between 4 and 15 metres.

Highly efficient, functional luminaires that offer high environmental protection (IP65) and impact protection (IK08).



DIMENSIONS AND FASTENING SYSTEMS

816.40/.41/.43 816.44



Suspended **Installation** (with a chain, not included)/Surface-mounted (Bracket)

PHYSICAL CHARACTERISTICS AND MATERIALS

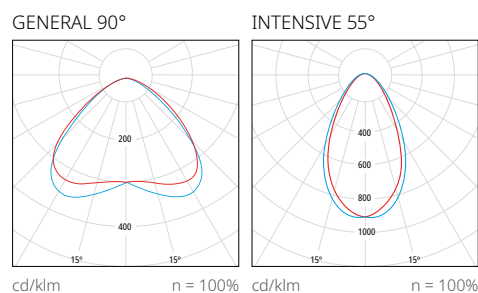
IP 65
IK 08
Body material Aluminium
Diffuser material Polycarbonate
Finishes ● Black

TECHNICAL CHARACTERISTICS

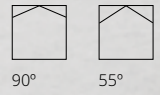
Working temperature from -15 °C to 35 °C
Power 816.40: 90W | 816.41: 160W | 816.43: 200W | 816.44: 240W
Actual light flux 11500 lm - 32200 lm
Actual light efficiency 816.40/.41/.43: <138 lm/W | 816.44: <134 lm/W
Dimming DALI / ON-OFF
Opening angle General 90° / Intensive 55°
Colour Temperature 4000K, 5000K
MacAdam ellipses <3-Step MacAdam
IRC 80
Light flux maintenance L80> 50,000 h at 25°C
Service life 50,000 h
Supply voltage 100-240V / 50-60Hz
Power factor (cos φ at max. charge) >0.9

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION



816.40/ .41/ .43

816.44



DESIGN AND
THERMAL MANAGEMENT

Its high-quality aluminium body and unique design ensure proper thermal dissipation. The power supply is located vertically, separate to the light module, thus improving the evacuation of heat and guaranteeing the service life of the luminaire (50,000 hours).



CUSTOMISED LIGHT



General



100%



Intensive



100%



Intensive



80%



Intensive



50%

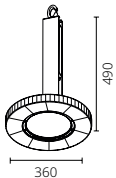
You can choose either warm or cool lighting depending on the context and application environment.

Optic systems that adapt to both large industrial spaces and spaces that require a more concentrated light flux, guaranteeing uniform light distribution.

-  4000K
-  5000K

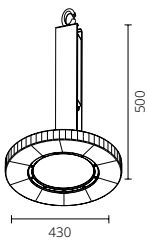
816

816.40 / .41 / .43



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
81640038-384	On-Off	Suspended	Intensive 55°	4000	90	11500	127
81640038-385	On-Off	Suspended	Intensive 55°	5000	90	11700	130
81640038-784	On-Off	Suspended	General 90°	4000	90	11500	127
81640038-785	On-Off	Suspended	General 90°	5000	90	11700	130
81641038-384	On-Off	Suspended	Intensive 55°	4000	160	19500	121
81641038-385	On-Off	Suspended	Intensive 55°	5000	160	20000	125
81641038-784	On-Off	Suspended	General 90°	4000	160	19500	121
81641038-785	On-Off	Suspended	General 90°	5000	160	20000	125
81643038-384	On-Off	Suspended	Intensive 55°	4000	200	26400	132
81643038-385	On-Off	Suspended	Intensive 55°	5000	200	27600	138
81643038-784	On-Off	Suspended	General 90°	4000	200	26200	131
81643038-785	On-Off	Suspended	General 90°	5000	200	27400	137
81640338-384	DALI	Suspended	Intensive 55°	4000	90	11500	127
81640338-385	DALI	Suspended	Intensive 55°	5000	90	11700	130
81640338-784	DALI	Suspended	General 90°	4000	90	11500	127
81640338-785	DALI	Suspended	General 90°	5000	90	11700	130
81641338-384	DALI	Suspended	Intensive 55°	4000	160	19500	121
81641338-385	DALI	Suspended	Intensive 55°	5000	160	20000	125
81641338-784	DALI	Suspended	General 90°	4000	160	19500	121
81641338-785	DALI	Suspended	General 90°	5000	160	20000	125
81643338-384	DALI	Suspended	Intensive 55°	4000	200	26400	132
81643338-385	DALI	Suspended	Intensive 55°	5000	200	27600	138
81643338-784	DALI	Suspended	General 90°	4000	200	26200	131
81643338-785	DALI	Suspended	General 90°	5000	200	27400	137

816.44



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
81644038-384	On-Off	Suspended	Intensive 55°	4000	240	30600	127
81644038-385	On-Off	Suspended	Intensive 55°	5000	240	31900	132
81644038-784	On-Off	Suspended	General 90°	4000	240	30900	128
81644038-785	On-Off	Suspended	General 90°	5000	240	32200	134
81644338-384	DALI	Suspended	Intensive 55°	4000	240	30600	127
81644338-385	DALI	Suspended	Intensive 55°	5000	240	31900	132
81644338-784	DALI	Suspended	General 90°	4000	240	30900	128
81644338-785	DALI	Suspended	General 90°	5000	240	32200	134

ACCESSORIES



ART. NO.	DESCRIPTION
81642038-384	816 presence detector accessory
81642038-384	816 Bracket installation accessory



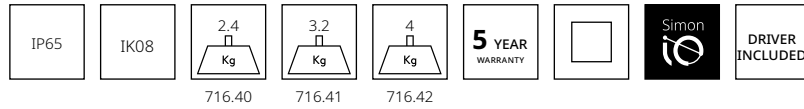
Simon | 716

Industrial
luminaire

The 716 range is a high-performance industrial product ideal for general and uniform lighting in industrial areas, over large areas. Thanks to its dimming capabilities, it adapts to any type of space.

The range offers power levels of 100W, 150W and 200W to suit each situation.

Made of aluminium with polycarbonate diffuser.

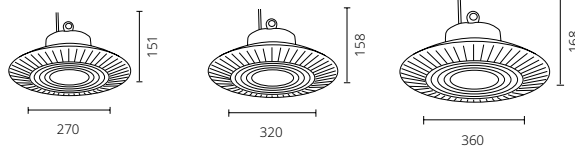


DIMENSIONS AND FASTENING SYSTEMS

716.40

716.41

716.42



Suspended **Installation** (with chain, not included)

PHYSICAL CHARACTERISTICS AND MATERIALS

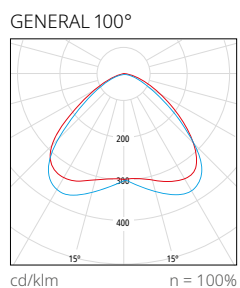
IP 65
IK 08
Body material Aluminium
Diffuser material Polycarbonate
Finishes ● Black

TECHNICAL CHARACTERISTICS

Operating temperature -20°C to 35°C
Power 716.40: 100W | 716.41: 150W | 716.42: 200W
Actual light flux 716.40: 13.514lm | 716.41: 20.310lm | 716.42: 25.828lm
Actual lighting efficiency <135lm/W
Dimming 1-10V
Opening angle General 100°
Colour Temperature 4000K
MacAdam ellipses <5-Step MacAdam
IRC 80
Light flux maintenance L70>54,000h at 25°C
Service life 50,000 h
Supply voltage 100-240V / 50-60Hz
Power factor (cos φ at max. charge) >0.9

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION

716.40



716.41



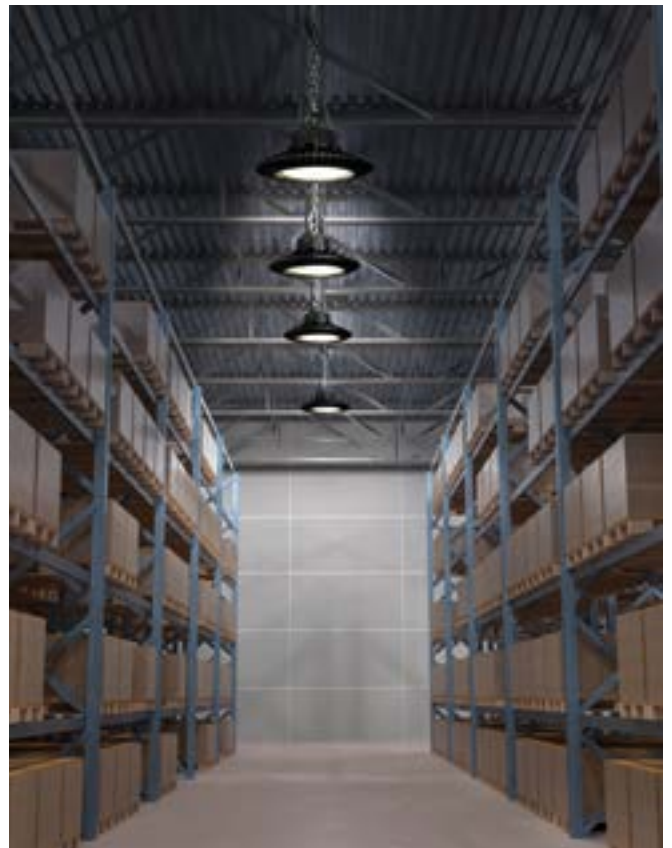
716.42



Solution designed for heights ranging from 4 to 15 metres.

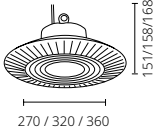
Good optical system: allows for good uniformity in open areas.

High luminous efficiency.



716

716



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
71640138-784	1-10V	Suspended	General 100°	4000	100	13514	135
71641138-784	1-10V	Suspended	General 100°	4000	150	20310	135
71642138-784	1-10V	Suspended	General 100°	4000	200	25828	129



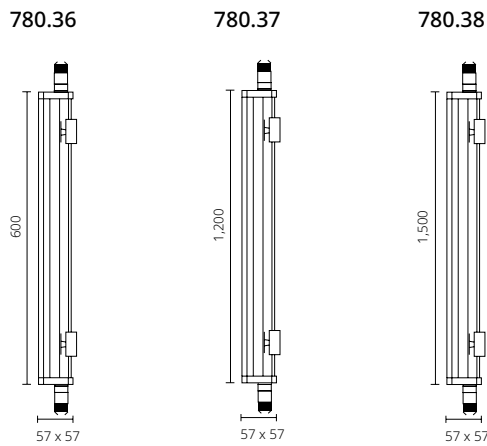
Simon | 780

Industrial
luminaire

This family of watertight luminaires is suitable for general lighting in car parks, industrial facilities, underpasses, warehouses and wet areas. Made of high-strength polycarbonate, they offer IK08 impact, water and IP65 dust protection.



DIMENSIONS AND FASTENING SYSTEMS



Installation Surface-mounted / Wall / Suspended

PHYSICAL CHARACTERISTICS AND MATERIALS

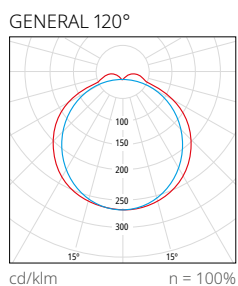
IP 65
IK 08
Body material Polycarbonate
Diffuser material Polycarbonate
Finishes ● Grey

TECHNICAL CHARACTERISTICS

Operating temperature -20°C to 35°C
Power 780.36: 20W | 780.37: 40W | 780.38: 50W
Actual light flux 780.36: 2100lm - 2300lm | 780.37: 4200lm - 4400lm | 780.38: 5700lm - 5900lm
Actual efficiency 780.36: <115 lm/W | 780.37: <110 lm/W | 780.38: <147 lm/W
Dimming On-Off / 1-10V / DALI 2
Opening angle General 120°
Colour Temperature 4000K - 5000K
MacAdam ellipses <3-Step MacAdam
IRC 80
Light flux maintenance L70>54,000h at 25°C
Service life 50,000 h
Supply voltage 220-240V / 50-60Hz
Power factor (cos φ at max. charge) >0.9

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION

780.36



780.37

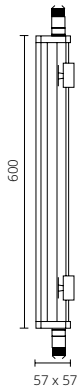


780.38



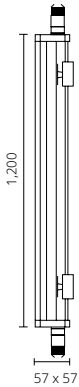
780

780.36



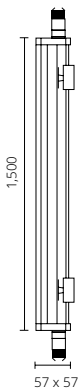
ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
78036033-884	On-Off	Surface-mounted/Wall/Suspended (IP65)	General 120°	4000	20	2100	105
78036033-885	On-Off	Surface-mounted/Wall/Suspended (IP65)	General 120°	5000	20	2300	115
78036333-884	DALI 2	Surface-mounted/Wall/Suspended (IP65)	General 120°	4000	20	2100	105
78036333-885	DALI 2	Surface-mounted/Wall/Suspended (IP65)	General 120°	5000	20	2300	115
78036133-884	1-10V	Surface-mounted/Wall/Suspended (IP65)	General 120°	4000	20	2100	105
78036133-884	1-10V	Surface-mounted/Wall/Suspended (IP65)	General 120°	5000	20	2300	115

780.37



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
78037033-884	On-Off	Surface-mounted/Wall/Suspended (IP65)	General 120°	4000	50	4200	105
78037033-885	On-Off	Surface-mounted/Wall/Suspended (IP65)	General 120°	5000	50	4400	110
78037333-884	DALI 2	Surface-mounted/Wall/Suspended (IP65)	General 120°	4000	50	4200	105
78037333-885	DALI 2	Surface-mounted/Wall/Suspended (IP65)	General 120°	5000	50	4400	110
78037133-884	1-10V	Surface-mounted/Wall/Suspended (IP65)	General 120°	4000	50	4200	105
78037133-885	1-10V	Surface-mounted/Wall/Suspended (IP65)	General 120°	5000	50	4400	110

780.38

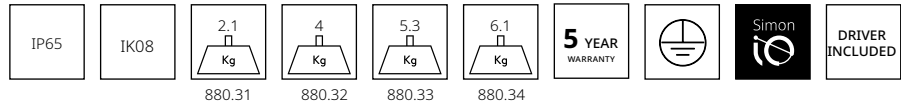


ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
78038033-884	On-Off	Surface-mounted/Wall/Suspended (IP65)	General 120°	4000	50	5700	114
78038033-885	On-Off	Surface-mounted/Wall/Suspended (IP65)	General 120°	5000	50	5900	147
78038333-884	DALI 2	Surface-mounted/Wall/Suspended (IP65)	General 120°	4000	50	5700	142
78038333-885	DALI 2	Surface-mounted/Wall/Suspended (IP65)	General 120°	5000	50	5900	147
78038133-884	1-10V	Surface-mounted/Wall/Suspended (IP65)	General 120°	4000	50	5700	142
78038133-885	1-10V	Surface-mounted/Wall/Suspended (IP65)	General 120°	5000	50	5900	147

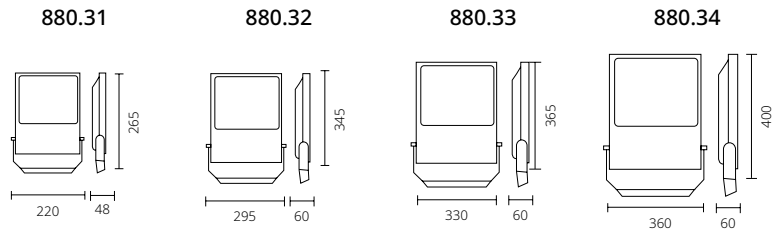


Simon | 880
Industrial
luminaire

Watertight, compact and functional spotlights, available in different sizes with the same aesthetic. High level of environmental protection and efficient optics for spotlighting and surface-wash lighting in industrial spaces.



DIMENSIONS AND FASTENING SYSTEMS



Surface-mounted **Installation**

PHYSICAL CHARACTERISTICS AND MATERIALS

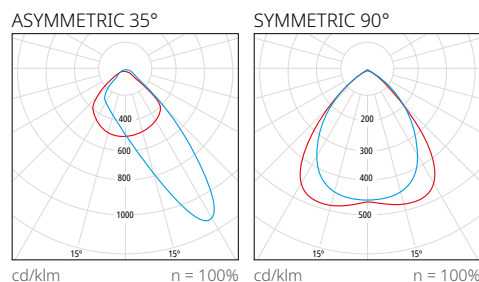
IP 65
IK 08
Body material Aluminium
Orientation 240°
Finishes ● Black

TECHNICAL CHARACTERISTICS

Operating temperature -15°C to 40°C
Power 880.31: 50W | 880.32: 100W | 880.33: 150W | 880.34: 200W
Real light flux 880.31: 5550lm - 5800lm - 6050lm | 880.32: 11500lm - 12000lm - 12100lm - 12600lm | 880.33: 17400lm - 18100lm - 18200lm - 18900lm | 880.34: 23050lm - 24100lm - 25150lm
Actual efficiency <126lm/W
Dimming On-Off
Opening angle Symmetrical 90° / Asymmetrical 35°
Colour Temp. 3000K, 4000K
MacAdam ellipses <3-Step MacAdam
IRC >70
Light flux maintenance L70>100,000h at 25°C / L90>30,000h at 25°C
Service life 50,000 h
Supply voltage 120-240V / 50-60Hz

PHOTOMETRICS

— C0 - C180 — C90 - C270



PRODUCT COLLECTION

880.31

880.32

880.33

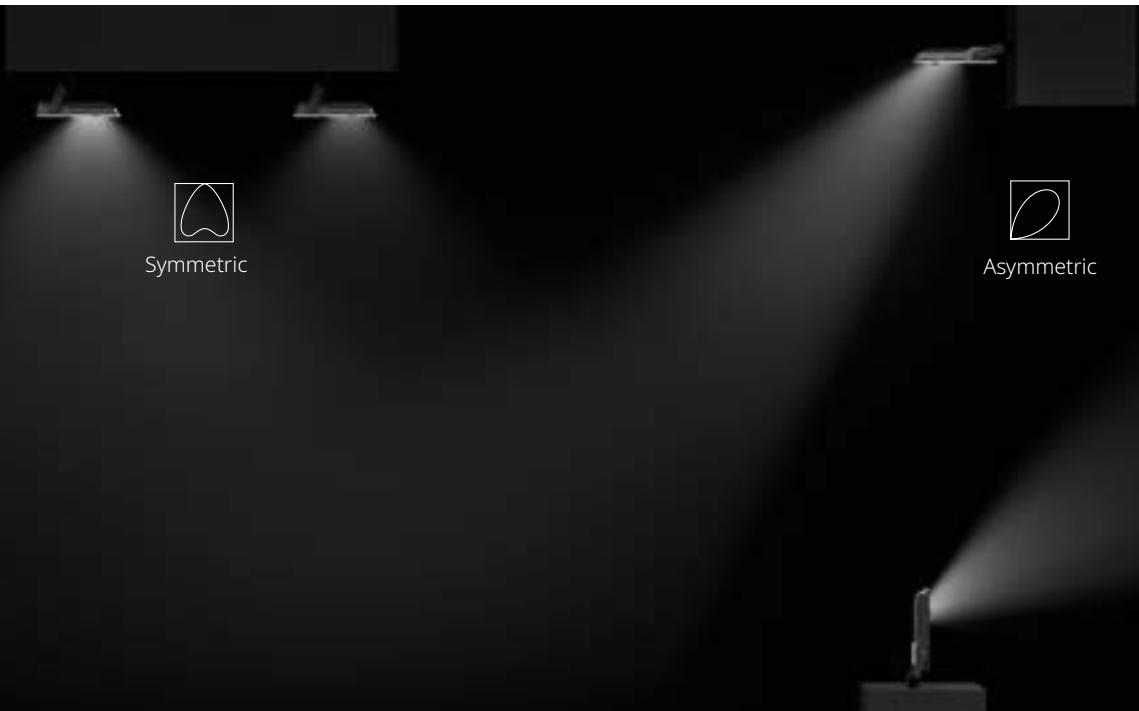
880.34



Multi-purpose range available in four sizes that adapt to any type of industrial space. Electronic unit incorporated into the luminaire. The LED drivers with the selected lighting type allow different installation methods.

CUSTOMIZED

LIGHT



Available in versions with symmetrical and asymmetrical light distribution to meet different lighting needs.

Depending on the context and desired tone, you can choose either warm or cool lighting.



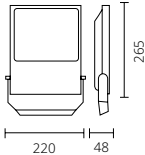
3000K



4000K

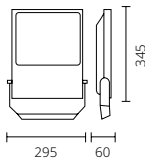
880

880.31



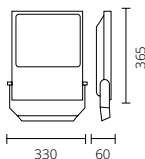
ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
88031038-173	On-Off	Surface-mounted (IP65)	Symmetric 90°	3000	50	5800	116
88031038-174	On-Off	Surface-mounted (IP65)	Symmetric 90°	4000	50	6050	121
88031038-273	On-Off	Surface-mounted (IP65)	Asymmetric 35°	3000	50	5550	111
88031038-274	On-Off	Surface-mounted (IP65)	Asymmetric 35°	4000	50	5800	116

880.32



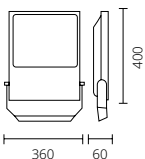
ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
88032038-173	On-Off	Surface-mounted (IP65)	Symmetric 90°	3000	100	12100	121
88032038-174	On-Off	Surface-mounted (IP65)	Symmetric 90°	4000	100	12600	126
88032038-273	On-Off	Surface-mounted (IP65)	Asymmetric 35°	3000	100	11500	115
88032038-274	On-Off	Surface-mounted (IP65)	Asymmetric 35°	4000	100	12000	120

880.33




ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
88033038-173	On-Off	Surface-mounted (IP65)	Symmetric 90°	3000	150	18100	120
88033038-174	On-Off	Surface-mounted (IP65)	Symmetric 90°	4000	150	18900	126
88033038-273	On-Off	Surface-mounted (IP65)	Asymmetric 35°	3000	150	17400	116
88033038-274	On-Off	Surface-mounted (IP65)	Asymmetric 35°	4000	150	18200	121

880.34



ART. NO.	CONTROL	INSTALLATION	OPTICS (°)	COLOUR TEMPERATURE (K)	POWER (W)	LUMENS (lm)	EFFICIENCY (lm/W)
88034038-173	On-Off	Surface-mounted (IP65)	Symmetric 90°	3000	200	24100	120
88034038-174	On-Off	Surface-mounted (IP65)	Symmetric 90°	4000	200	25150	125
88034038-273	On-Off	Surface-mounted (IP65)	Asymmetric 35°	3000	200	23050	115
88034038-274	On-Off	Surface-mounted (IP65)	Asymmetric 35°	4000	200	24100	120



X-LESS SYSTEM



X-LESS SYSTEM

FEATURES

Walls and ceilings are fundamental planes used by architects and interior designers to give form to spaces. And light, whether natural or artificial, is the essential element that shapes them, creating specific atmospheres.

INTEGRATING LIGHT INTO THE ARCHITECTURE

Simon understands light as a material with which to create and shape spaces. By working with the architectural language, we have designed solutions that can be fully integrated into modern construction materials, to facilitate their application and installation on these surfaces.



CEILING AND WALLS OF LIGHT

The X-Less system supports allow the Hole, Arch, Mood and Loop collections to be integrated into false ceilings or hollow partition walls.



X-Less is an innovative installation system for full integration of various products into partition walls and suspended ceilings, turning them into light matter that allows great creative freedom in lighting projects.

SOLID SYSTEM - PERFECT LIGHT

The innovative X-Less trimless system provides a solid union between the luminaire and the wall or ceiling, with a complete integration that ensures stability even when attaching directional models.

Maximum light quality on a uniform surface and without imperfections.

**MODULARITY AND
COMPOSITIONS**

The X-Less collections enable the creation of grouped modular configurations as well as an infinite number of free-form customised compositions.

The system allows the luminaires to be arranged as closely as possible, without visible frames.

Round X-Less accessory and sets:



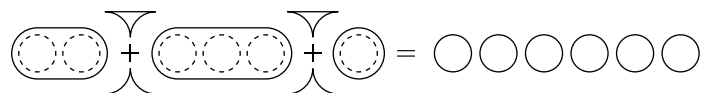
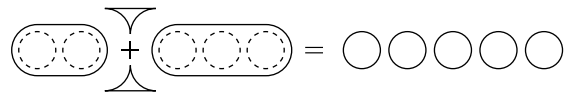
Models



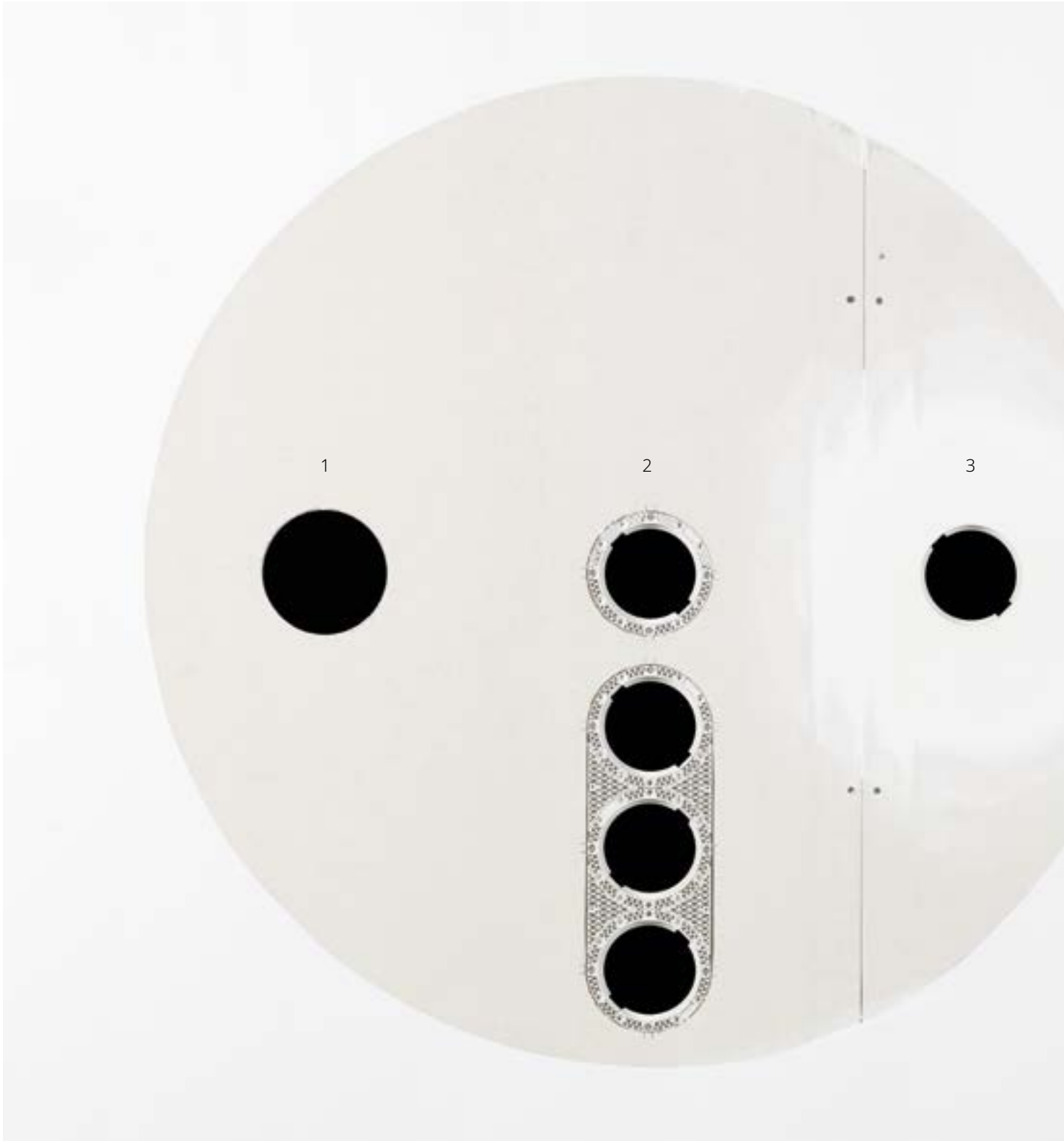
Accessories



Compositions



* Photobiological safety: Exempt category. No photobiological risk.





4

5

ARCH

EASY AND QUICK

INSTALLATION

The installation process is simpler than that for conventional frameless formats, which is more complex and requires additional plaster work.

X-Less allows you to affix the pre-frames in just a few minutes and complete the task by simply applying a thin layer of levelling paste.

TECHNICAL CHARACTERISTICS OF
LED LUMINAIRES

LUMINAIRE

SERVICE LIFE

Minimum operating hours of the complete luminaire, guaranteeing operation from the power supply unit to the LED.

PHOTOBIOLOGICAL

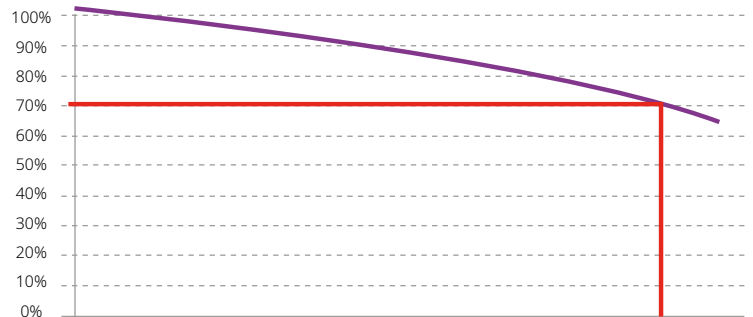
SAFETY

The UNE-EN 62471:2009 standard provides guidance for assessing the photobiological safety of luminaires. It specifies the exposure limits, reference measurement technique and classification scheme for the assessment and control of photobiological hazards from light sources. It classifies luminaires into 4 groups:

- *-Group 0 (risk-free).
- *-Group 1 (low or limited risk).
- *-Group 2 (moderate risk).
- *-Group 3 (high risk).

MAINTENANCE OF THE
LIGHT FLUX

Variation in the luminous flux emitted by a luminaire over its service life, or over a certain number of operating hours. Expressed in % of the initial flux, the most used values of the light flux maintenance are L70 and L90, and are accompanied by the number of hours of operation to reach this level of brightness, being: L70 at 50,000 h: decrease of 30% of the light flux versus the initial value at 50,000 h of operation. L90 at 30,000 h: decrease of 10% of the light flux versus the initial one at 30,000 h of operation.



Service life for LED products based on 70% of light flux maintenance

SPACE MAINTENANCE FACTOR

The maintained illuminance value must be maintained over time. Therefore, it is necessary to establish a complete maintenance programme that includes the replacement frequency of the luminaire, the cleaning intervals of the luminaire and the room, and the cleaning method.




The maintenance factor for LED luminaires is much lower, since the depreciation of the luminous flux can be as low as 10% over their lifetime; in addition, LED luminaires do not absorb dust and therefore do not get dirty as often as conventional luminaires.



ELECTRICAL SAFETY



CLASSIFICATION







Determines the level of protection against electric shock.

CLASS	BRIEF DESCRIPTION	SYMBOL
0	Main insulation	
I	Main insulation and connection to a grounded protection conductor	
II	Main insulation and supplementary safety measures: double insulation or reinforced insulation	
III	Power with very low safety voltage (MBTS)	

IP PROTECTION LEVEL

Determines the level of protection offered by the luminaires against solid (first digit) and liquid (second digit) elements.

FIRST NUMBER	BRIEF DESCRIPTION	SYMBOL
0	Not protected	None
1	Protected against solid objects greater than 50 mm	None
2	Protected against solid objects greater than 12.5 mm	None
3	Protected against solid objects greater than 2.5 mm	None
4	Protected against solid objects greater than 1 mm	None
5	Dust protection	
6	Dust tight	

SECOND NUMBER	BRIEF DESCRIPTION	SYMBOL
0	Not protected	None
1	Protected against drops of vertically falling water	
2	Protected against vertical water fall with a maximum inclination of 15° of the covering	None
3	Protected against fine rain water at 60° vertical angle at most	
4	Protected against water projections in all directions	
5	Protected against water projections in all directions	
6	Protected against strong water projections in all directions	
7	Protected against the effects of temporary immersion in water	
8	Protected against continuous immersion in water	

In order to comply with the legal provisions, as well as introduce improvements or technical modifications to the products, SIMON reserves the right to modify the technical specifications of its products. See the updated information on our website www.simonelectric.com.

REGULATIONS AND CERTIFICATION

All products presented in this catalogue have been developed and manufactured in accordance with the following regulations:

Directive 2014/35/EU Low Voltage (LVD). Through:

EN 60598-2-1:2021 Luminaires. Part 2-1: Particular requirements. Fixed luminaires for general use.
 EN 60598-2-2:2012 Luminaires. Part 2-2: Particular requirements. Recessed luminaires
 EN 60598-2-5:2015 Luminaires. Part 2-5: Particular requirements. Spotlights
 EN 60598-2-13:2006+A1:2012+A2:2016+A11:2021 Luminaires. Part 2-13: Particular requirements. Luminaires recessed in the floor
 EN 60598-2-20:2015 Luminaires. Part 2-20: Particular requirements. Strand lights
 EN 60598-2-25:1994+A1:2004 Luminaires. Part 2-25: Particular requirements. Luminaires for use in clinical areas of hospitals and health centres
 EN 61347-2-13:2014+A1:2017 Lamp control devices. Part 2-13: Particular requirements for electronic control devices powered by direct current or alternating current for LED modules.
 EN 62031:2020+A11:2021 LED modules for general lighting. Safety requirements
 EN 62493:2015+A1:2022 Evaluation of lighting equipment related to human exposure to electromagnetic fields

Directive 2014/30/EU Electromagnetic Compatibility (EMC). Through:

EN IEC 55015:2019+A11:2020 Limitation and methods for measuring characteristics related to radio-electrical disturbances of electrical lighting and similar equipment
 EN 61547: 2009 Equipment for general lighting purposes. Requirements related to EMC immunity
 EN 61000-3-2:2019+A1:2021 Electromagnetic compatibility (EMC). Part 3-2: Limits. Limits for harmonic current emissions (equipment with input current ≤ 16 A per phase)
 EN 61000-3-3:2013+A1:2019+A2:2021 Electromagnetic compatibility (EMC). Part 3-3: Limits. Limitation of voltage changes and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase not subject to conditional connection.

Directive 2011/65/EU Restriction of Hazardous Substances + subsequent amendments (RoHS). Through:

EN IEC 63000:2018 Technical documentation for the evaluation of electrical and electronic products regarding the restriction of dangerous substances.

Directive 2009/125/EC Energy Efficiency (ErP - EU Regulation 2019/2015 + EU Regulation 2019/2020). Through:

EN 13032-1:2004+A1:2012 Light and lighting. Measurement and presentation of photometric data for lamps and luminaires. Part 1: Measurement and file format.
 EN 13032-2:2017 Light and lighting. Measurement and presentation of photometric data for lamps and luminaires. Part 2: Data presentation in indoor and outdoor workplaces
 EN 13032-3:2021 Light and lighting. Measurement and presentation of photometric data for lamps and luminaires. Part 3: Presentation of data for emergency lighting in workplaces.
 EN 13032-4:2015+A1:2019 Light and lighting. Measurement and presentation of photometric data for lamps and luminaires. Part 4: LED lamps, modules and luminaires.

Directive 2014/53/EU Radio Equipment. To be applied to luminaires with non-cable connectivity.

VEEI

Value that measures the energy efficiency of a lighting installation of an indexed activity area. The unit of measurement is W/m² per 100 lux.

Table 2.1 Energy efficiency limit values for the installation

DIFFERENTIATED ACTIVITY ZONES	VEEI LIMIT
General Administrative	3
Transportation station platforms	3
Exhibition halls or fairs	3
Diagnostic rooms ⁽¹⁾	3.5
Classrooms and Laboratories ⁽²⁾	3.5
Hospital rooms ⁽³⁾	4
Indoor enclosures not described in this list	4
Common areas ⁽⁴⁾	4
Warehouses, archives, technical rooms and kitchens	4
Parking	4
Sports facilities ⁽⁵⁾	4
Transportation stations ⁽⁶⁾	5
Supermarkets, hypermarkets and warehouses	5
Libraries, museums and art galleries	5
Common areas in non-residential buildings	6
Shopping centres (excluding stores) ⁽⁷⁾	6
Hotels and restaurants ⁽⁸⁾	8
Religious centres in general	8
Assembly halls, auditoriums and multipurpose and convention halls, entertainment or show halls, meeting rooms and conference rooms ⁽⁹⁾	8
Stores and small retail spaces	8
Hotel rooms, hostels, etc.	10
Premises with illumination level higher than 600lux	2.5

(1)
Includes the installation of lighting for general examination rooms, emergency rooms, imaging and radiology rooms, eye and hearing examination rooms, and treatment rooms. However, premises such as operating rooms, operating theatres, intensive care units, dentists, decontamination rooms, autopsy and mortuary rooms, and other rooms that due to their purpose may be considered special rooms are excluded.

(2)
This includes the installation of classroom lighting and whiteboards in teaching classrooms, computer laboratories, music, language laboratories, technical drawing classrooms, practice classrooms and laboratories, arts and crafts, teaching workshops and art classrooms, preparation classrooms and workshops, common study rooms and meeting rooms, evening and adult education classrooms, reading rooms, day care centres, day care playrooms, and arts and crafts rooms.

(3)
It includes the installation of interior lighting for the bedroom and bathroom, consisting of general lighting, reading lights and lighting for simple examinations.

(4)
Spaces used by any person or user, such as hallways, lobbies, corridors, stairways, transit areas, public toilets, etc.

(5)
This includes the lighting installations for the playing fields and stands in sports venues, for sporting,

training and competition activities. However, the lighting required for television broadcasts is not included in this scope of services. Stands are included in common areas.

(6)
Passenger transit areas such as terminals, passenger arrival and departure halls, baggage claim halls, connection areas, elevator areas, ticket counter areas, check-in and information desks, waiting areas, luggage rooms, etc.

(7)
This includes the foyer, reception areas, corridors, stairways, changing rooms and toilets in shopping centres.

(8)
This includes spaces used for services for public use, such as the lobby, reception area, restaurant, bar, dining room, self-service, corridors, stairways, changing rooms, toilets, restrooms, etc.

(9)
In the case of cinemas, theatres, concert halls, etc., lighting for show purposes, including performance and stage lights, is excluded.

GLARE EVALUATION

METHODS

UGR AND LUMINANCE

$$UGR = 8 \log_{10} \left[\frac{0,25}{L_b} \sum \frac{L^2 \omega}{p^2} \right]$$

According to the requirements of the application standard for indoor lighting installations UNE EN12464-1, the evaluation of annoying glare of an installation was determined using the Unified Glare Index of the CIE UGR, based on the formula:

The reference values depending on the application can be 10, 13, 16, 19, 22, 25, 28. The determination of the UGR value of the installation requires concise knowledge of the environment, finishes and the position of the observer. The UGR value for each installation must be calculated using lighting software, depending on the installation being evaluated and in conjunction with the luminance requirements for work stations with display screens.

In this case, the UNE EN12464-1:2011 standard establishes the luminance limits for luminaires (cd/m2) at elevation angles of 65° with respect to the vertical, in order to avoid glare due to unwanted reflections.

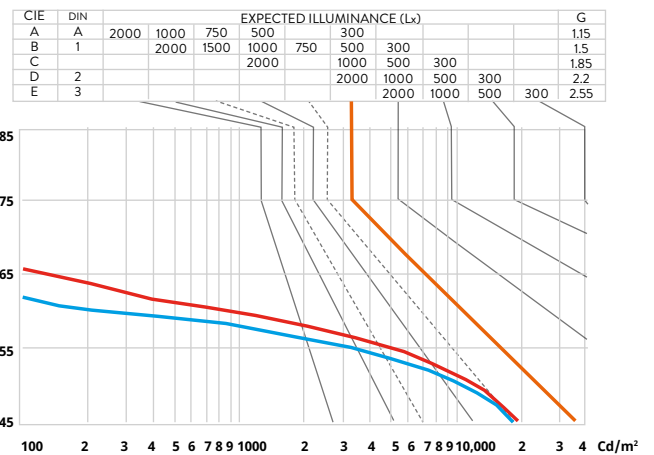
Thus, in offices, the luminance limit is set at <1500cd/m2 for medium luminance displays. For work stations, e.g. CAD-linked, rendered, with high requirements regarding colour and detail, the luminance limit is reduced to <1000cd/m2.

GLARE EVALUATION, EUROPEAN GLARE LIMITATION METHOD OR CIE DIAGRAM (SÖLLNER).

These diagrams show the possible glare in the critical zone, which is comprised of a dihedral, whose planes form with the vertical of the luminaire the so-called critical angles of 45° and 85° respectively.

Reading the Söllner diagram:

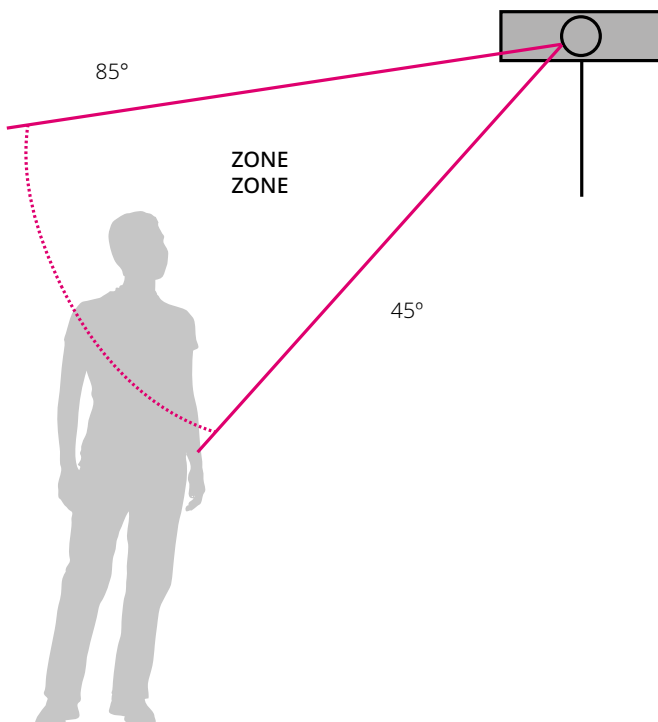
- Location type selection (CIE or DIN)
- Average lighting level determination
- Level limitation (lx) per selected class



Example - In the attached graph we can determine class 1 (DIN) or B (CIE) for the premises for levels up to 750lx, being at critical angle 50°.

The red and blue curves are the polar curves of the luminaire evaluated. Since it is to the left of the line identified in orange, we can determine that this luminaire is suitable for installations up to 500 lux with a CIE B classification: high quality. Glare-free. The luminaire does not produce glare.

Critical glare angles



LUMINAIRE TYPE:



Lighting systems



Downlights



Spotlights



Wall and ceiling luminaires



Modular ceiling luminaires



Industrial luminaires

ICONOGRAPHY DESCRIPTION:



Certificate of European Conformity



Luminaire weight



Years of warranty



Driver included



IP protection level (see page 261)



IK protection level (Protection against harmful mechanical impact)



Colour Rendering Index



Unified Glare Rating



Luminaire with motion sensor



Luminaire with integrated iO technology



www.simonelectric.com



SIMON S.A.U.

Diputación, 390-392
08013 Barcelona
Tel. (+34) 651 761 336

**Customer Service
Technical Assistance**

Tel. (+34) 651 761 346
E-mail: sat@simon.es

Projects Department

Tel. (+34) 651 761 346
E-mail: proyectos@simon.es

Customer Service

Tel. (+34) 651 761 314

Visit us at:

La Casa de Luz
Santa Cruz de Marcenado, 1
28015 Madrid

Appointments:
lacasadelaluz@simonelectric.com