SLC ONE SOFT R68-83 WH 596TED 2700K CRI90 IP44 36°

14/03/2023

SLC1124

2700K | Ø68-83 | IP44 | CE

Product description

SLC OneSoft Downlight is a high-quality lighting solution with low glare and easy installation. It fits cut-out holes with a diameter of 68-83mm and can be directly mounted in insulation. It comes fully assembled and in environmentally friendly packaging. It's perfect for lighting rooms with screens and TVs, has a dimmable driver, and is ideal for installation in low-height ceilings. It is CE and ROHS-certified and flicker-free.

If you're looking for a high-quality lighting solution with low glare and easy installation, look no further than SLC OneSoft Downlight. This innovative and flexible downlight fits cut-out holes with a diameter of 68-83mm and can be directly mounted in insulation, eliminating the need for a separate ceiling box.

To make the installation process even easier, SLC OneSoft comes fully assembled and packaged in environmentally friendly, plastic-free packaging. Simply unpack and install   no mess, no fuss.

Not only is SLC OneSoft Downlight practical and easy to install, it's also perfect for lighting rooms with screens and TVs. Its recessed light source ensures even lighting without glare, and it comes complete with a dimmable driver for adjusting the light intensity as needed.

With a built-in low height of just 46mm, SLC OneSoft Downlight is ideal for installation in low-height ceilings. And, as it's CE and ROHS certified, you can be confident that it meets high environmental and safety standards. Plus, it's flicker-free, making it an excellent choice for illuminating work areas where eyes are taxed for longer periods.

In short, SLC OneSoft Downlight is the perfect solution for all your lighting needs.

Dimmable (TED) driver included
Recommended dimmer: SLC SmartOne (S24019)
*No installation box required (for Trailing Egde version)
Suitable for outdoor installation*
Sea air resistant*
Quick connection box with Loop-in / Loop-Out
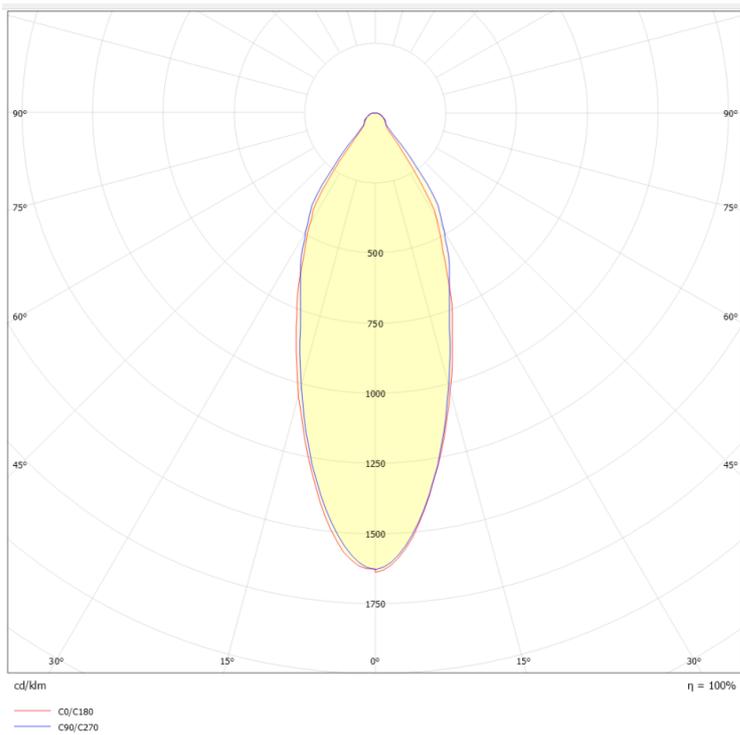16 mm Cable/Tube connection

G | A↑G

Technical data
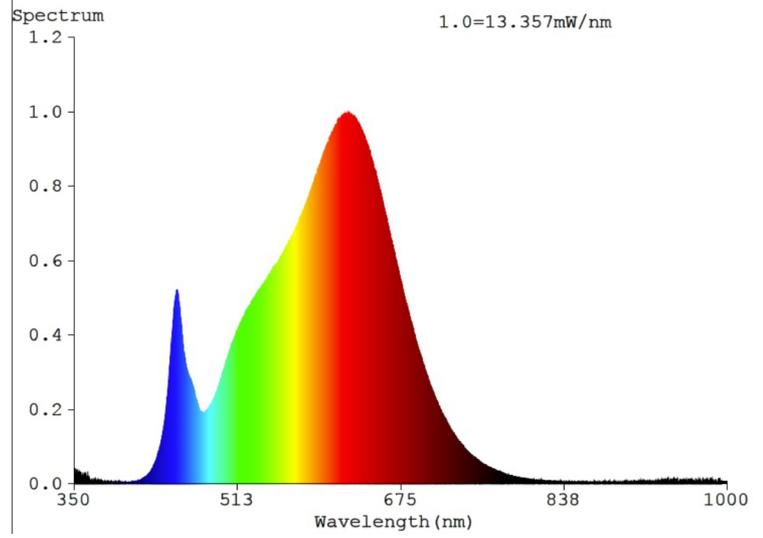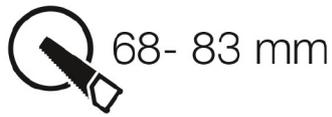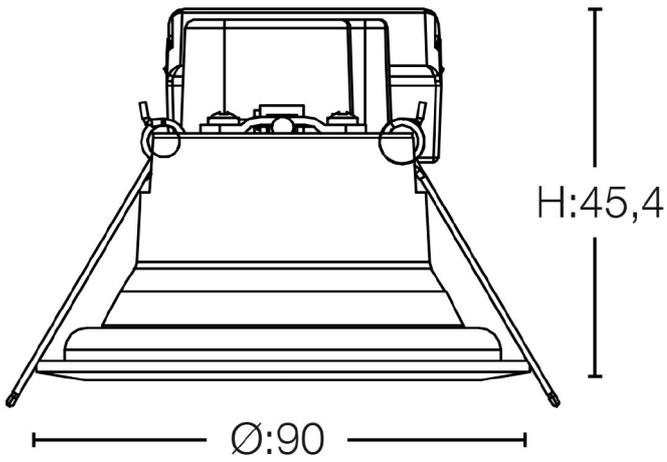
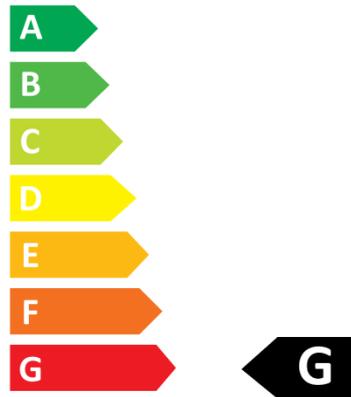|			
Suitable for built-in mounting	Yes	Suitable for suspended mounting	No
Suitable for ceiling mounting	Yes	Adjustability	Not adjustable
Lamp type	LED not exchangeable	With light source	Yes

Housing material	Aluminium	**Surface protection**	Powder coating
Housing colour	White	**Material cover**	Plastic, transparent
Surface brushed	No	**Voltage type**	AC/DC
Nominal voltage	220 - 240 Volt	**Nominal current**	180 - 180 Milliampere
Type of control gear	LED operating device current-controlled	**With control gear**	Yes
Dimming DALI	Yes	**Dimming phase cut-off**	Yes
Reflector	High-gloss	**Light distributor**	Reflector
Light sharing	Symmetric	**Reflector colour**	Silver
Beam angle	Medium beam 21-40°	**Light outlet**	Direct
Energy efficiency class of the light source a	F	**Degree of protection (IP)**	IP44
Protection class	II	**Rated ambient temperature according to IEC**	-10 - 40 Degrees celsius
Suitable for lamp power	8 - 8 Watt	**Max. system power**	8 Watt
Colour of light	White	**Colour temperature**	2700 - 2700 Kelvin
Colour rendering index CRI	90-100	**Luminous flux**	596 - 596 Lumen
Rated luminous flux according to IEC 62722-	596 Lumen	**Power factor**	0,9
Colour of light adjustable	No	**Luminous flux adjustable**	Continuously variable
Beam angle adjustable	No	**Height/depth**	46 Millimetre
Outer diameter	90 Millimetre	**Built-in width**	67 Millimetre
Built-in height/depth	46 Millimetre	**Built-in diameter**	68 - 83 Millimetre
Type of wiring	Suitable for through wiring	**Number of poles**	3
Conductor cross section	0,35 Square millimetre	**Connectable conductor cross section**	0,75 - 2,5 Square millimetre
Connection type	Push-in clamp	**Colour consistency (McAdam ellipse)**	SDCM3
Strain relief	Yes	**Colour rendering index (CRI/Ra)**	90
Beam angle (°)	36	**Exterior color**	White
Operating temperature	-10°C ~ +45°C	**Can be installed directly into the insulation**	Yes
Cut-out hole (Ø: mm)	68-83	**Dimming method**	Trailing edge
Dimmable	Yes	**Type of control signal**	Amplitude modulation (AM)
Dimming range	1-100%	**Brand**	SLC
GTIN	7070938061421	**Produced by**	The Light Group
HS Code	94051040	**RAL Colour**	RAL9016

The Light Group |

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H:45,4

Ø:90

68- 83 mm

Spectrum

1.0=13.357mW/nm

1.2

1.0

0.8

0.6

0.4

0.2

0.0

350   513   675   838   1000

Wavelength (nm)

90°   90°

75°   75°

60°   60°

45°   45°

500

750

1000

1250

1500

1750

30°   15°   0°   15°   30°

cd/klm   η = 100%

—— C0/C180
—— C90/C270

ENERG

Scandinavian Lighting Concept

SLC1124

A

B

C

D

E

F

G ◀ **G**

8
kWh/1000h

2019/2015