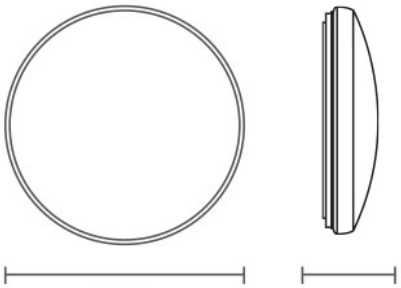
PRODUCT DATASHEET | IL-CLS180

CEILING LIGHT LED 8W Ø180MM 3,000/4,000/5,700K IP64





IL-CLS180: 180 mm	63 mm
IL-CLS280: 280 mm	80 mm
IL-CLS360: 360 mm	92 mm
IL-CLS410: 410 mm	103 mm
IL-CLS500: 500 mm	122 mm



DESCRIPTION

This new series of CLS ceiling lights represents the latest generation of our range, succeeding our previous series of ceiling lights. In particular, a striking feature is the new design of the shade. While the previous shade had a more spherical appearance, the new shade is sleeker and more contemporary. In addition, this ceiling fixture offers the ability to adjust the light color as desired using the dipswitch built into the fixture. You have a choice of 3,000K, 4,000K and 5,700K, making this ceiling light ideal for applications in retail, hotels, galleries and stairwells. Thanks to its IP64 rating, this fixture is even suitable for use in bathrooms! Our ceiling lights are made of polystyrene with excellent light transmission. This material preserves the brightness of colors and the shade provides a soft and uniform light pattern. The design of the mounting module also ensures efficient heat dissipation, allowing the built-in LEDs to burn long and stable.



SPECIFICATIONS

Brand:	Interlight
Product type:	Ceiling light
Suitable for wall mounting:	Yes
Suitable for wall mounting:	Yes
Suitable for ceiling mounting:	Yes
Suitable for surface mounting:	Yes
Suitable for pendulum suspension:	No
Suitable for flush mounting:	No
With mounting material:	Yes
Suitable for clamp mounting:	No
Suitable for light line configuration:	No
With light source:	Yes
Suitable for monitor workplace according to EN 12464-1:	No
Suitable for number of light sources:	1
Lamp type:	LED not interchangeable
Lampholder:	Other
Housing material:	Plastic
Surface protection housing:	Plasticized
Housing color:	White
Voltage type:	AC
Material cover:	Plastic opal
Nom. voltage :	230 V
Grid version:	Other
Driver included:	Yes
Ballast:	LED control current-controlled
Interchangeable ballasts:	No
Dimmable:	No
Dimming dependent on driver:	No

Light distributor:	Diffuser lens/optics/panel
Light distribution:	Symmetrical
Beam angle:	>80° - Extremely wide beam
Light outlet:	Direct
Energy efficiency class of the light source according to EU regulations 2019/2015:	E
Part of a holder according to 2019/2020/EU:	No
Nom. life L70/B50 at 25 °C :	95000 h
Lumen maintenance at average lifetime of 35,000 hours at 25 °C environment (tq):	89 %
Lumen maintenance at average lifetime of 50,000 hours at 25 °C environment (tq):	84 %
Lumen maintenance at average lifetime of 75,000 hours at 25 °C environment (tq):	76 %
Failure at average service life of 35,000 hours at 25 °C environment (tq):	5 %
Failure at average service life of 50,000 hours at 25 °C environment (tq):	10 %
Nom. life L80/B10 at 25 °C :	50000 h
Failure at average service life of 75,000 hours at 25 °C environment (tq):	15 %
Protection degree back (IP).:	IP44
Degree of protection front (IP):	IP64
Degree of protection (IP):	IP64
Maximum number of fixtures per circuit breaker C10 (MCB):	91
Max. number of fixtures per line protection switch B16:	145
Max. number of fixtures per line protection switch C16:	145
Impact resistance:	IK02

Protection class according to IEC 61140:	I
Nom. ambient temperature according to IEC62722-2-1 :	-20 - 40 °C
Suitable for emergency lighting:	No
With presence detector:	No
With motion sensor:	No
Effective luminous flux according to IEC 62722-2-1:	660 lm
With light sensor:	No
Cover fixture with thermal insulation material possible:	No
With air slots:	No
Glow wire test according to IEC 60695-2-11:	650 °C - 30 s
Suitable for lamp power:	8 W
Specific luminous flux luminaire:	74.5 - 82.5 lm/W
Max system power:	8 W
Effective luminous flux according to IEC 62722-2-1:	595 - 660 lm
Light color:	White
Color temperature:	3000 - 5700 K
Color rendering index:	70-79
Power factor:	0.9
Height/depth:	63 mm
Outer diameter:	180 mm
Type of wiring:	End
Number of poles:	3
Total harmonic distortion (THD):	29 %
Connection method:	Plug clamp
UGR:	22
Light color adjustable:	Stands
Luminous flux adjustable:	No
Beam angle adjustable:	No

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