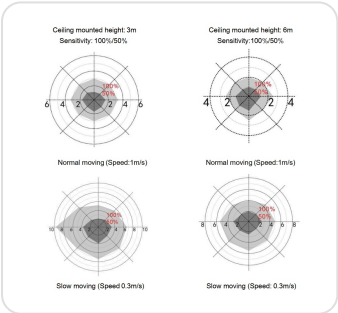
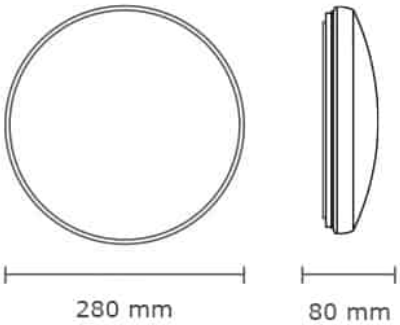




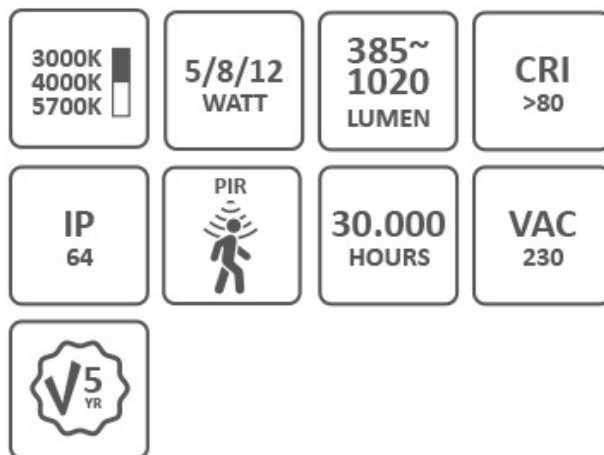
PRODUCT DATASHEET | IL-CLSP280
CEILING LIGHT LED 5/8/12W Ø280MM 3,000/4,000/5,700K IP64 WITH PIR SENSOR





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 fixture 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. This version is equipped with a PIR sensor. This sensor detects motion based on changes in infrared radiation (heat). As soon as a person enters the detection area, the PIR sensor reacts immediately. Because it works passively (i.e., does not emit radiation), it is energy-efficient and interference-free. Ideal for applications where presence needs to be detected quickly and reliably. Suitable for toilets, stairwells and warehouses, among others.





SPECIFICATIONS

Brand:	Interlight
Product type:	Ceiling light
Suitable for wall mounting:	Yes
Suitable for pendulum suspension:	No
Suitable for ceiling mounting:	Yes
Suitable for flush mounting:	No
Suitable for surface mounting:	Yes
Suitable for light line configuration:	No
Suitable for clamp mounting:	No
Suitable for monitor workplace according to EN 12464-1:	No
Lamp type:	LED not interchangeable
With light source:	Yes
Suitable for number of light sources:	1
Lampholder:	Other
Housing material:	Plastic
Surface protection housing:	Plasticized
Housing color:	White
Material cover:	Plastic opal
Grid version:	Other
Voltage type:	AC
Nom. voltage :	230 V
Ballast:	LED control current-controlled
Driver included:	Yes
Interchangeable ballasts:	No
Dimmable:	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 %
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):	IP44
Maximum number of fixtures per circuit breaker C10 (MCB):	111
Max. number of fixtures per line protection switch B16:	178
Max. number of fixtures per line protection switch C16:	178
Impact resistance:	IK02
Protection class according to IEC 61140:	I
Emergency power supply system:	No
Nom. ambient temperature according to IEC62722-2-1 :	-20 - 40 °C



With presence detector:	No
With motion sensor:	Yes
Motion sensor/presence detector technology:	Passive infrared
With light sensor:	Yes
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:	5 - 12 W
Specific luminous flux luminaire:	77 - 85 lm/W
Max system power:	12 W
Effective luminous flux according to IEC 62722-2-1:	385 - 1020 lm
Light color:	White
Color temperature:	3000 - 5700 K
Color rendering index:	70-79
Power factor:	0.9
Height/depth:	79.8 mm
Outer diameter:	280 mm
Type of wiring:	End
Totale harmonische vervorming (THD):	29 %
Connection method:	Plug clamp
UGR:	22
Light color adjustable:	Stands
Luminous flux adjustable:	Stands
Beam angle adjustable:	No

DOWNLOADS AVAILABLE FROM WEBSITE

LDT-File

Lumen output



Circuitbreaker

Manual