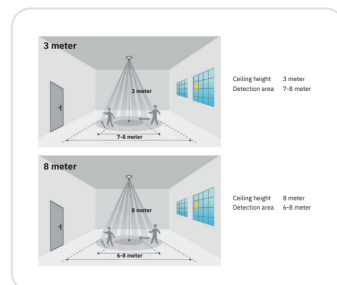
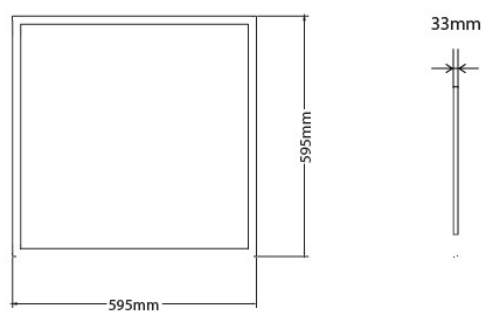




PRODUCT DATASHEET | IL-PNT595U

THINQ NEXT+ LED PANEL 30W (595X595X33MM) 3,000/3,500/4,000K UGR<19 INCL. DRIVER AND MICROWAVE SENSOR





DESCRIPTION

Discover Interlight's updated LED panels: the Easyfit Next+ series, with a UGR value of <19. All our luminaires meet the strict NEN 12464-1 standard, which guarantees quality and performance. The Next+ variants are distinguished by their prismatic cover plate, which diffuses the light in a unique way, making glare a thing of the past. This makes the luminaires perfect for environments where intensive work is carried out, such as offices, healthcare facilities, receptions and classrooms, especially where screens are used. What makes our fixtures extra special is that we design them entirely in-house. This allows us to maintain the highest quality standards, which is why we proudly offer a warranty of no less than 7 years. Our luminaires are not maxed out (80%), and the lenses on the LEDs are made of PMMA, a durable and colorfast plastic. We guarantee lumen maintenance of 70% after 50,000 hours. With normal use (8 burning hours per day), this means that after 7 years you only get to 20,440 hours, so no need to worry! The Next+ Thing LED panel offers three color temperatures: 3,000, 3,500 and 4,000 Kelvin. A convenient switch lets you effortlessly set the desired light color, the best setting for any room. The panel has a hidden Thing (motion) sensor, allowing the panel to be set as desired. With this product, you cannot control the light color via the Thing app. The Thing smart lighting system is easy to use. Using the app (available for Android and iOS), you set up the fixtures super quickly. With your Thing system you can do everything you can do with a DALI system, and more! Thanks to the so-called routed network, the system is extremely scalable, > 10,000 sensors work seamlessly without the intervention of a gateway. Because of the sensors you save energy and you put less strain on your drivers and fixtures, we can give you a 7 year Interlight system warranty! The panel comes standard with the IL-D53DALI2 driver, which has both CE and ENEC certification. This driver is a flicker-free driver which ensures you a good lighting solution. The panel has a very easy installation, all wiring is present on the back of the panel. Connect the wiring together and all you need is a power cord. [More about Thing](#)

3000K 3500K 4000K	3540~ 3590 LUMEN	30 WATT	CRI >82
UGR <19		PF 0.95	 THING
50.000 HR	VAC 230	 V7 YR	 i-SC



SPECIFICATIONS

Brand:	Interlight
Product type:	Panel
Suitable for wall mounting:	No
Suitable for pendulum suspension:	Yes
Suitable for ceiling mounting:	Yes
Suitable for flush mounting:	Yes
Suitable for surface mounting:	Yes
Suitable for light line configuration:	No
Suitable for clamp mounting:	No
With mounting material:	No
Suitable for monitor workplace according to EN 12464-1:	Yes
Lamp type:	LED not interchangeable
Suitable for number of light sources:	1
With light source:	Yes
Lampholder:	Other
Housing material:	Aluminum
Surface protection housing:	Lacquered
Housing color:	White
Material cover:	Plastic opal
Voltage type:	AC
Grid version:	Other
Nom. voltage :	230 V
Nom. current :	800 - 1100 mA
Ballast:	LED control current-controlled
Driver included:	Yes
Interchangeable ballasts:	Yes
Dimmable:	Yes
Dimmable 0-10 V:	Yes



Dimmable Dali-2:	Yes
Dimming programmable:	Yes
Light distributor:	Diffuser lens/optics/panel
Light distribution:	Symmetrical
Beam angle:	>80° - Extremely wide beam
Color consistency (McAdam ellipse):	SDCM3
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
Lumen maintenance at average lifetime of 35,000 hours at 25 °C environment (tq):	90 %
Lumen maintenance at average lifetime of 50,000 hours at 25 °C environment (tq):	87 %
Lumen maintenance at average lifetime of 75,000 hours at 25 °C environment (tq):	80 %
Failure at average service life of 35,000 hours at 25 °C environment (tq):	10 %
Failure at average service life of 50,000 hours at 25 °C environment (tq):	20 %
Protection degree back (IP):	IP44
Failure at average service life of 75,000 hours at 25 °C environment (tq):	40 %
Degree of protection front (IP):	IP20
Degree of protection (IP):	IP20
Maximum number of fixtures per circuit breaker C10 (MCB):	32
Max. number of fixtures per line protection switch B16:	52



Max. number of fixtures per line protection switch C16:	52
Impact resistance:	IK02
Protection class according to IEC 61140:	II
Emergency power supply integrated:	No
Emergency power supply system:	No
Nom. ambient temperature according to IEC62722-2-1 :	-10 - 40 °C
Suitable for emergency lighting:	Yes
With switch:	No
With presence detector:	No
With motion sensor:	No
Specific luminous flux luminaire:	90 lm/W
Effective luminous flux according to IEC 62722-2-1:	4815 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:	27 - 47 W
Specific luminous flux luminaire:	103 - 108 lm/W
Max system power:	53 W
Effective luminous flux according to IEC 62722-2-1:	2910 - 4815 lm
Light color:	White
Color temperature:	3000 - 4000 K
Color rendering index:	80-89
Power factor:	0.95
Strobe effect value SVM:	0.01
Width:	595 mm



Height/depth:	33 mm
Length:	595 mm
Type of wiring:	End
Number of poles:	2
Connection method:	Plug clamp
UGR:	19
Light color adjustable:	Stands
Luminous flux adjustable:	Stands
Beam angle adjustable:	No



ACCESSORIES

Article	Description
IL-TWALL2B	Thing wireless wallswitch EWSDB 2 buttons
IL-TWALL4B	Thing wireless wallswitch EWSDB 4 buttons
IL-S50W	Connection cable 2x0.75mm ² 50cm black for GST18i3
IL-PKITB	Pendant kit panels 1,500mm black RAL9017
IL-PKITW	Pendant kit panels 1,500mm white RAL9003
IL-DCISET+	Emergency lighting module with inverter and battery 3,000mAh
IL-P595SK4B	Surface mounted panel set 600x600mm t.b.v. IL-P595 black RAL9017
2811 020	Connecting cable 2.0m H03VVH2-F2x0.75mm ² black Euro 2.5A/250V
IL-P595SK3	Surface mount kit 600x600mm for IL-P595

DOWNLOADS AVAILABLE FROM WEBSITE

[Watch the Thing app instructional video](#)

[App in Google Play](#)

[App in Appstore](#)

[Manual](#)