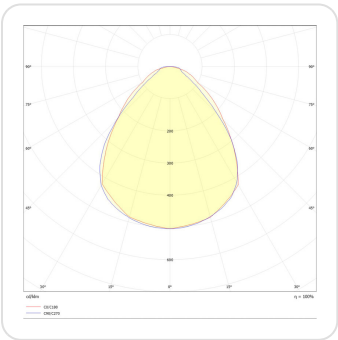
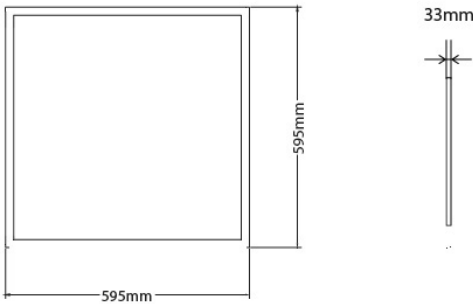




PRODUCT DATASHEET | IL-PN595TWUS

EASYFIT NEXT+ LED PANEL 32W (595X595X33MM) 2,200-5,000K TUNABLE WHITE UGR<19 CRI80 EXCL. DRIVER





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 panel is adjustable between 2,200 and 5,000K. The Tunable White panel is supplied excluding driver and can be combined with our new IL-D36DALI2 DT8 driver. The output current of this driver is adjustable via NFC from 350 to 1,050 mA.

 TUNABLE WHITE	3360~ 3840 LUMEN	32 WATT	CRI 80
UGR <19		PF 0.95	50.000 HR
VAC 230	 V7 YR	NO DRIVER INCLUDED	



SPECIFICATIONS

Brand:	Interlight
Product type:	Panel
Suitable for wall mounting:	No
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
With light source:	Yes
Suitable for number of light sources:	1
Lampholder:	Other
Housing material:	Aluminum
Surface protection housing:	Lacquered
Housing color:	White
Material cover:	Plastic opal
Grid version:	No
Voltage type:	AC
Nom. current :	800 - 1000 mA
Ballast:	LED control current-controlled
Driver included:	No
Interchangeable ballasts:	Yes
Dimmable:	Yes
Dimmable 0-10 V:	Yes



Dimmable 1-10 V:	Yes
Dimmable DALI:	Yes
Dimmable Dali-2:	Yes
Dimmable phase cut:	No
Dimmable phase cut:	No
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
Nom. life L70/B50 at 25 °C :	125000 h
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 %
Failure at average service life of 75,000 hours at 25 °C environment (tq):	40 %
Maximum number of fixtures per circuit breaker C10 (MCB):	45



Max. number of fixtures per line protection switch B16:	72
Max. number of fixtures per line protection switch C16:	72
Impact resistance:	IK02
Protection degree back (IP):	IP44
Degree of protection front (IP):	IP20
Protection class according to IEC 61140:	II
Luminaire with limited surface temperature "D-sign" according to EN 60598-2-24:	No
Ambient temperature:	-20 - 40 °C
Suitable for emergency lighting:	Yes
Emergency power supply system:	No
With presence detector:	No
With motion sensor:	No
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:	32 W
Specific luminous flux luminaire:	105 - 120 lm/W
Max system power:	32 W
Effective luminous flux according to IEC 62722-2-1:	3360 - 3840 lm
Light color:	White
Color temperature:	2200 - 5000 K
Color rendering index:	80-89
Width:	595 mm
Height/depth:	33 mm
Length:	595 mm



Type of wiring:	End
Number of poles:	2
Totale harmonische vervorming (THD):	9 %
Light color adjustable:	Stepless
Luminous flux adjustable:	Stands
Beam angle adjustable:	No
Operation via App:	No
Compatible with Casambi:	No
Compatible with Apple HomeKit:	No
Compatible with Google Assistant:	No
Compatible with Amazon Alexa:	No
With IFTTT support:	No



ACCESSORIES

Article	Description
IL-DCISET+	Emergency lighting module with inverter and battery 3,000mAh
IL-D36DALI2	Driver DT8 DALI2 NFC 350 to 1,050 mA/36 W
IL-P595SK4	Surface mounted panel set 600x600mm t.b.v. IL-P595 white RAL9003
IL-P595SK4B	Surface mounted panel set 600x600mm t.b.v. IL-P595 black RAL9017
IL-PKITB	Pendant kit panels 1,500mm black RAL9017
IL-PKITW	Pendant kit panels 1,500mm white RAL9003
IL-S50W	Connection cable 2x0.75mm ² 50cm black for GST18i3
2811 020	Connecting cable 2.0m H03VVH2-F2x0.75mm ² black Euro 2.5A/250V

DOWNLOADS AVAILABLE FROM WEBSITE

LDT-File
Manual