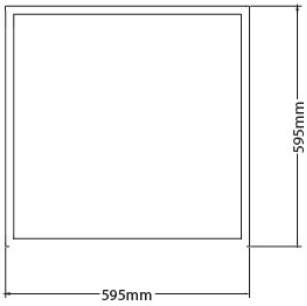
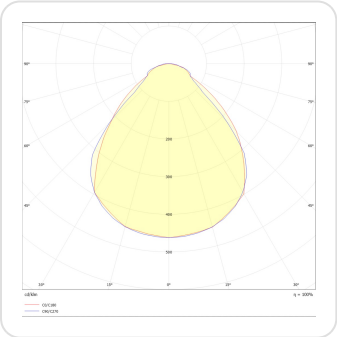
JACSKOOPMAN

PRODUCT DATASHEET | IL-PN595H3US

EASYFIT NEXT+ LED PANEL 24W (595*595*33MM) 3,000K HIGH EFFICIENCY UGR<19 CRI80 EX. DRIVER





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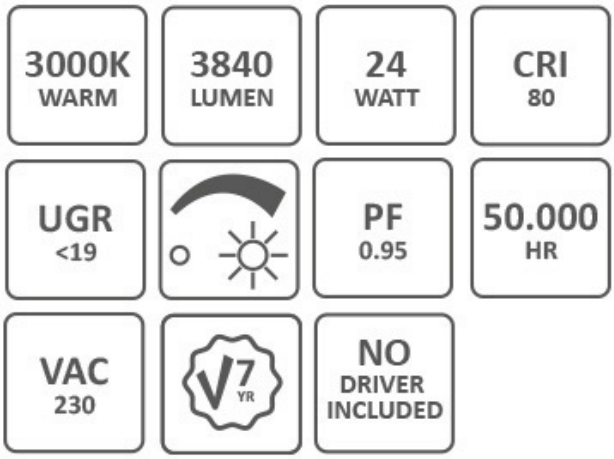
DESCRIPTION

Interlight's Easyfit Next+ LED panels combine a low glare rating of UGR <19 with uniform light distribution. The prismatic cover limits glare, making these panels ideal for environments requiring long-term concentration, such as offices, healthcare facilities, receptions, and classrooms. They also provide a comfortable lighting solution for workstations with display screens.
These fixtures are designed entirely in-house, ensuring full control over quality and components. The LEDs are not driven to their maximum, but operate at approximately 80% capacity. The lenses are made of PMMA, a durable and colorfast synthetic material. The panels feature a guaranteed lumen maintenance of 70% after 50,000 operating hours and come with a 7-year warranty.
In addition to the trusted Next+ panels, High Efficiency versions are also available. These panels are offered in 3,000 and 4,000 Kelvin and achieve an efficiency of up to 170 lm/W.
The Next+ panel is supplied excluding driver, allowing for flexible pairing with a suitable Interlight driver. Choose from on/off, 1-10 V, DALI, or Thinq. Set the driver to a maximum of 600 mA for optimal performance and a long lifespan.



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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 :	650 - 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:	24 W
Specific luminous flux luminaire:	160 lm/W
Max system power:	24 W
Effective luminous flux according to IEC 62722-2-1:	3840 lm
Light color:	White
Color temperature:	3000 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:	No
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-DT29	Thinq led driver dip switch 250 to 600mA
IL-DCISET+	Emergency lighting module with inverter and battery 3,000mAh
IL-X4D24WA3	Driver led 24W 600mA/230V non dimmable + 3 pole Wago
IL-X4D24WI3	Driver led 24W 600mA/230V non dimmable + 2 pole Wieland
IL-X4D24PO2	Driver led 24W 600mA/230V non dimmable + 2 pole Euro
IL-X4D24PO3	Driver led 24W 600mA/230V non dimmable + 3 poles for GST18i3
IL-D29DALI2	Driver led universal DALI2 250 to 600mA/25W
IL-X2D40-1-10	Driver led dip switch 400 to 1,100mA 1-10V dimmable
IL-P595SK4B	Surface mounted panel set 600x600mm t.b.v. IL-P595 black RAL9017
IL-P595SK4	Surface mounted panel set 600x600mm t.b.v. IL-P595 white RAL9003
IL-PKITW	Pendant kit panels 1,500mm white RAL9003
IL-PKITB	Pendant kit panels 1,500mm black RAL9017
IL-X4D24	Driver led 24W 600mA/230V not dimmable
IL-S50W	Connection cable 2x0.75mm2 50cm black for GST18i3

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Manual