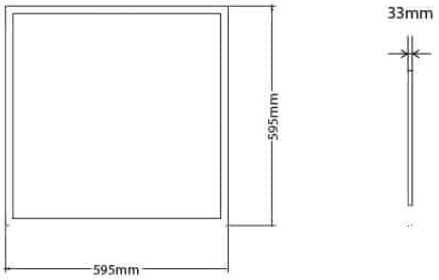
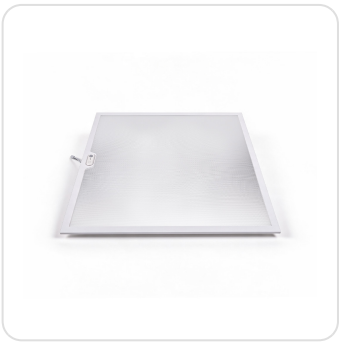
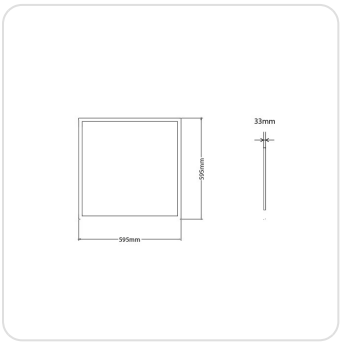
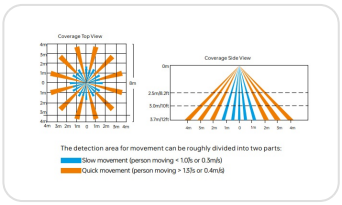
PRODUCT DATASHEET | IL-PDT595PU

THINQ DREAM+ LED PANEL 30W (595X595X33MM) 3,000/3,500/4,000K CRI90 UGR<19 INCL. D4I DRIVER AND PIR SENSOR



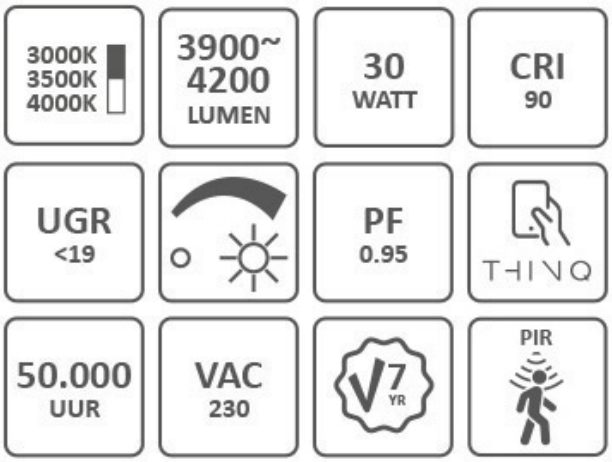






DESCRIPTION

The Dream+ Thinq LED panel is equipped with a Thinq (PIR) sensor incorporated into the frame of the panel. This gives the panel a sleek design with minimal light loss. Because the sensor is integrated into the panel, there is no need for separate sensors and the panel can be easily adjusted to suit your needs. In addition to the motion sensor, the panel also includes a light sensor and a reset button. Thanks to this combination, the sensor can be set in different ways, all through the free Thinq app. The panel has a switch that allows you to set the light color, easily choose your light color manually. The Dream+ Thinq panel offers three color temperatures: 3,000, 3,500 and 4,000 Kelvin. The panel is available in 60x60 cm and 120x30 cm sizes. Comfortable, high-quality light The light character is determined by the prismatic coating, which provides a glare factor of less than 19. The Dream+ panels provide pleasant light for environments where intensive work is carried out, such as offices, healthcare facilities, receptions and classrooms where screens are used. In addition, the luminaire has excellent color rendering (CRI >90), rendering colors bright and vivid. Thanks to high-quality components and LED chips, the luminaires guarantee long and trouble-free lighting use. The panel comes with a D4i driver already connected to both the panel and the sensor. During installation, only the power cable needs to be connected to the driver. This saves connection costs during installation. Extremely long life What makes our luminaires extra special is that we design them entirely in-house. This enables us to maintain the highest quality standards. This is why we proudly offer a warranty of no less than 7 years. Our luminaires are not maximally loaded (80%) and the lenses on the LEDs are made of PMMA, a durable and colorfast plastic. Thanks to the high-quality chips, this fixture has an efficiency of >130 lumens per watt in both sizes. All our fixtures, sensors and drivers comply with the strict NEN 12464-1 standard, which guarantees quality and performance. The Thinq smart lighting system is easy to use. Through the app (available for Android and iOS), you set up the fixtures super fast. With a Thinq system, you can do everything you can do with a DALI system, and more, such as daylight compensation and presence detection. The system saves up to 70% energy. Thanks to the so-called routed network, the system is extremely scalable: more than 10,000 sensors work without the need for a gateway. The sensors save energy and put less strain on the drivers and luminaires, which allows us to offer a 7-year Interlight system warranty. More about Thinq



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 clamp mounting:	No
Suitable for light line configuration:	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 :	500 - 1050 mA
Ballast:	LED control current-controlled
Interchangeable ballasts:	Yes
Driver included:	Yes
Dimmable:	Yes
Dimmable 0-10 V:	No

Dimmable 1-10 V:	No
Dimmable DALI:	Yes
Dimmable Dali-2:	Yes
Dimmable DMX:	No
Dimmable DSI:	No
Dimming manufacturer-specific:	No
Dimmable mains voltage modulation:	No
Dimmable phase cut:	No
Dimmable phase cut:	No
Dimming programmable:	Yes
Dimmable with potentiometer (integrated):	No
Dimmable RF:	No
Dimmable Touch and Dim:	No
Dimmable Zigbee:	No
Dimmable with push-button:	No
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 :	220000 h
Lumen maintenance at average lifetime of 35,000 hours at 25 °C environment (tq):	95 %
Lumen maintenance at average lifetime of 50,000 hours at 25 °C environment (tq):	92 %

Lumen maintenance at average lifetime of 75,000 hours at 25 °C environment (tq):	89 %
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):	10 %
Failure at average service life of 75,000 hours at 25 °C environment (tq):	10 %
Protection degree back (IP).:	IP20
Degree of protection front (IP):	IP20
Maximum number of fixtures per circuit breaker C10 (MCB):	35
Max. number of fixtures per line protection switch B16:	48
Max. number of fixtures per line protection switch C16:	56
Impact resistance:	IK02
Protection class according to IEC 61140:	II
Emergency power supply system:	No
Nom. ambient temperature according to IEC62722-2-1 :	-10 - 40 °C
Suitable for emergency lighting:	Yes
With presence detector:	Yes
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:	30 - 40 W
Max system power:	40 W
Effective luminous flux according to IEC 62722-2-1:	3900 - 4200 lm
Light color:	White
Color temperature:	3000 - 4000 K
Flickering value Pst LM:	0.02
Color rendering index:	90-100
Power factor:	0.95
Strobe effect value SVM:	0.01
Constant luminous flux control:	Yes
Width:	595 mm
Height/depth:	33 mm
Length:	595 mm
Type of wiring:	End
Number of poles:	2
Totale harmonische vervorming (THD):	10
Connection method:	Plug clamp
UGR:	19
Light color adjustable:	Stands
Luminous flux adjustable:	Stands
Beam angle adjustable:	No

ACCESSORIES

Article	Description
IL-TWALL4B	Thinq Wireless Wall Switch EWSDB, 2 Buttons - 4 Functions
IL-TWALL2B	Thinq Wireless Wall Switch EWSDB, 1 Button - 2 Functions
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

DOWNLOADS AVAILABLE FROM WEBSITE

Watch the Thinq app instructional video
App in Google Play
App in Appstore
LDT-File
Circuitbreaker
Datasheet
Manual