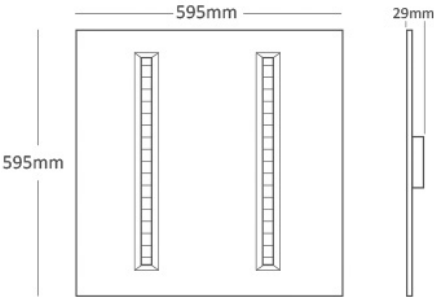




PRODUCT DATASHEET | IL-PT595K3O
THINQ ORION LED PANEL 28W (595X595X30MM) 3,000K INCL. DRIVER & SENSOR





DESCRIPTION

Our well-known Orion panel with integrated Thinq sensor and complete with driver. The Thinq smart lighting system is easy to use. Using the app (available for Android and iOS), you set up the fixtures super quickly. With your Thinq 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! Curious about what the Thinq system can do? Then take a quick look in the next chapter of this catalog for more information or contact one of our account managers. The Orion Thinq panels are assembled in our warehouse and available on short notice. [More about Thinq](#)

3000K WARM	28 WATT	3500 LUMEN	CRI 80
UGR <19		PF 0.95	L B 70 10
 THINQ	70.000 HOURS	 V10 YR	NO FLICKER



SPECIFICATIONS

Brand:	Interlight
Product type:	Panel
Suitable for wall mounting:	No
Suitable for pendulum suspension:	Yes
Suitable for wall mounting:	No
Suitable for ceiling mounting:	Yes
Suitable for surface mounting:	No
Suitable for flush 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 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:	Other
Grid version:	No
Led nom. current at constant current :	160 - 1000 mA
Voltage type:	AC
Nom. voltage :	230 V
Ballast:	LED control current-controlled
Driver included:	Yes
Interchangeable ballasts:	Yes
Dimmable:	Yes



Dimmable 0-10 V:	Yes
Dimmable 1-10 V:	No
Dimmable DALI:	Yes
Dimmable Dali-2:	Yes
Dimming programmable:	Yes
Dimming dependent on driver:	Yes
Light distributor:	Reflector
Light distribution:	Symmetrical
Beam angle:	41-80° - Broadcast
Color consistency (McAdam ellipse):	SDCM5
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 :	140000 h
Rated life time L70/B10 at 25 °C:	50000 h
Lumen maintenance at average lifetime of 35,000 hours at 25 °C environment (tq):	92 %
Lumen maintenance at average lifetime of 50,000 hours at 25 °C environment (tq):	88 %
Lumen maintenance at average lifetime of 75,000 hours at 25 °C environment (tq):	83 %
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):	IP20



Degree of protection front (IP):	IP20
Degree of protection (IP):	IP20
Impact resistance:	IK02
Protection class according to IEC 61140:	II
Emergency power supply system:	No
Luminaire with limited surface temperature "D-sign" according to EN 60598-2-24:	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:	Yes
Specific luminous flux luminaire:	125 lm/W
Effective luminous flux according to IEC 62722-2-1:	3500 lm
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:	28 W
Specific luminous flux luminaire:	125 lm/W
Max system power:	28 W
Effective luminous flux according to IEC 62722-2-1:	3500 lm
Light color:	White
Color temperature:	3000 K
Color rendering index:	80-89
Power factor:	0.95
Width:	595 mm



Height/depth:	30 mm
Length:	595 mm
Installation length:	595 mm
Installation width:	595 mm
Installation height/depth:	40 mm
Type of wiring:	End
Number of poles:	2
Connection method:	Plug clamp
UGR:	19
Light color adjustable:	No
Luminous flux adjustable:	No
Beam angle adjustable:	No
Meets min. EIA lifetime criterion L90 (at 50,000 hours at tq = 25°C) :	No



ACCESSORIES

Article	Description
IL-TWALL2B	Thing wireless wallswitch EWSDB 2 buttons
IL-TWALL4B	Thing wireless wallswitch EWSDB 4 buttons
IL-P595SK4	Surface mounted panel set 600x600mm t.b.v. IL-P595 white RAL9003
2811 020	Connecting cable 2.0m H03VVH2-F2x0.75mm2 black Euro 2.5A/250V

DOWNLOADS AVAILABLE FROM WEBSITE

Watch the Thing app instructional video
App in Google Play
App in Appstore
Sensor datasheet
Manual
App Manual