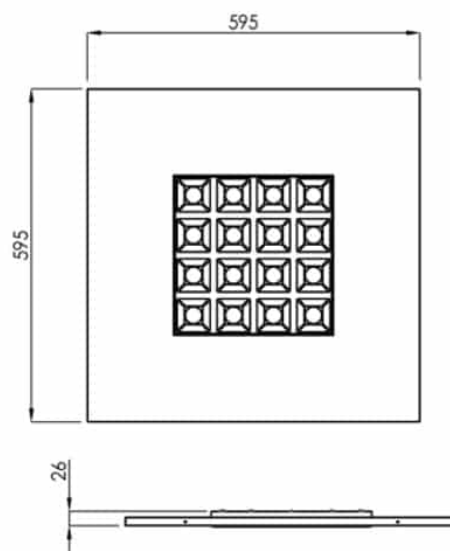
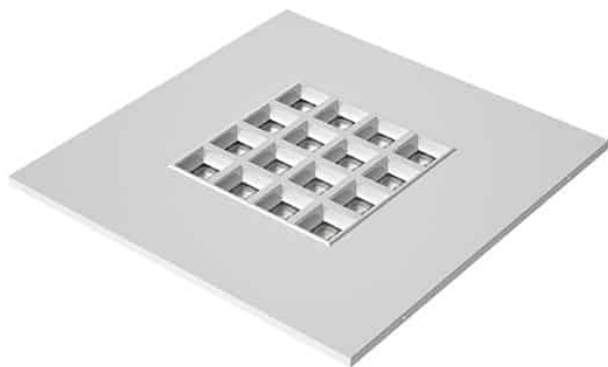




## PRODUCT DATASHEET | IL-PO595US

ORION SQUARES LED PANEL 32W (595X595X26MM) 3,000/3,500/4,000K CRI>90 UGR<15 EX. DRIVER



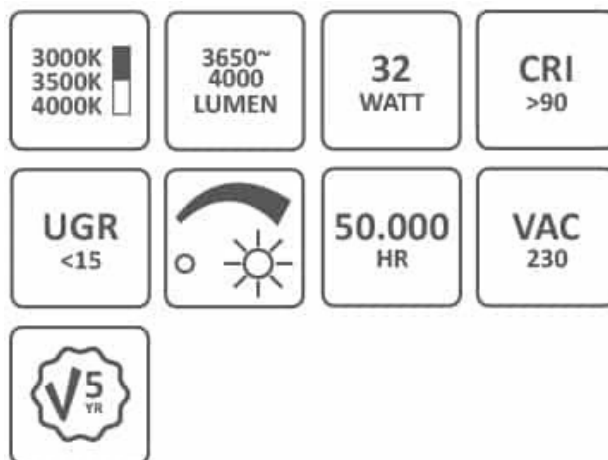
595mm x 595mm x 26mm





## DESCRIPTION

The Orion Squares panel is sleekly designed and features 16 deeply recessed LEDs centered in the middle of the panel. Thanks to the white reflectors in the white panel, a pleasant light image is created with the LEDs subtly in the background. These panels are perfect for high use work environments such as offices, healthcare facilities, receptions and classrooms, especially where screens are present (UGR<15). The luminaire also offers excellent color rendering (CRI>90), ensuring bright and vibrant colors. The use of high-quality components and LED chips ensures long-term, worry-free use. The LEDs are of exceptional quality and contribute to an optimal light display. The light color is easily adjusted via a switch, with a choice of 3,000, 3,500 or 4,000 Kelvin. In addition, the panel is remarkably slim with a thickness of only 26 mm, ensuring seamless integration into any interior. The panels come standard without a driver, allowing you to choose the Interlight driver of your choice. Options include a standard on/off driver, 1-10 Volt dimmable, DALI2 dimmable or Thing smart driver. The possibilities are endless! You can install the panel directly into a suspended ceiling, or use a surface mount kit or pendant kit for alternative installation options.





## SPECIFICATIONS

|                                                                |                                |
|----------------------------------------------------------------|--------------------------------|
| <b>Brand:</b>                                                  | Interlight                     |
| <b>Product type:</b>                                           | Panel                          |
| <b>Suitable for pendulum suspension:</b>                       | Yes                            |
| <b>Suitable for ceiling mounting:</b>                          | Yes                            |
| <b>Suitable for flush mounting:</b>                            | Yes                            |
| <b>Suitable for surface mounting:</b>                          | No                             |
| <b>Suitable for light line configuration:</b>                  | No                             |
| <b>Suitable for monitor workplace according to EN 12464-1:</b> | Yes                            |
| <b>Lamp type:</b>                                              | LED interchangeable            |
| <b>With light source:</b>                                      | Yes                            |
| <b>Suitable for number of light sources:</b>                   | 1                              |
| <b>Lampholder:</b>                                             | Other                          |
| <b>Housing material:</b>                                       | Aluminum                       |
| <b>Surface protection housing:</b>                             | Lacquered                      |
| <b>Housing color:</b>                                          | White                          |
| <b>Material cover:</b>                                         | Other                          |
| <b>Grid version:</b>                                           | No                             |
| <b>Voltage type:</b>                                           | AC                             |
| <b>Nom. voltage :</b>                                          | 230 V                          |
| <b>Nom. current :</b>                                          | 800 - 1000 mA                  |
| <b>Ballast:</b>                                                | LED control current-controlled |
| <b>Driver included:</b>                                        | No                             |
| <b>Dimmable:</b>                                               | Yes                            |
| <b>Dimmable 0-10 V:</b>                                        | Yes                            |
| <b>Dimmable 1-10 V:</b>                                        | Yes                            |
| <b>Dimmable Dali-2:</b>                                        | Yes                            |
| <b>Dimmable phase cut:</b>                                     | Yes                            |
| <b>Dimmable phase cut:</b>                                     | Yes                            |



|                                                                                         |                    |
|-----------------------------------------------------------------------------------------|--------------------|
| <b>Light distributor:</b>                                                               | Reflector          |
| <b>Light distribution:</b>                                                              | Symmetrical        |
| <b>Beam angle:</b>                                                                      | 41-80° - Broadcast |
| <b>Light outlet:</b>                                                                    | Direct             |
| <b>Lumen maintenance at average lifetime of 35,000 hours at 25 °C environment (tq):</b> | 92 %               |
| <b>Lumen maintenance at average lifetime of 50,000 hours at 25 °C environment (tq):</b> | 88 %               |
| <b>Lumen maintenance at average lifetime of 75,000 hours at 25 °C environment (tq):</b> | 83 %               |
| <b>Failure at average service life of 35,000 hours at 25 °C environment (tq):</b>       | 5 %                |
| <b>Failure at average service life of 50,000 hours at 25 °C environment (tq):</b>       | 10 %               |
| <b>Failure at average service life of 75,000 hours at 25 °C environment (tq):</b>       | 15 %               |
| <b>Degree of protection (IP):</b>                                                       | IP20               |
| <b>Impact resistance:</b>                                                               | IK02               |
| <b>Protection class according to IEC 61140:</b>                                         | II                 |
| <b>Emergency power supply integrated:</b>                                               | No                 |
| <b>Nom. ambient temperature according to IEC62722-2-1 :</b>                             | -20 - 40 °C        |
| <b>Suitable for emergency lighting:</b>                                                 | Yes                |
| <b>With presence detector:</b>                                                          | No                 |
| <b>With motion sensor:</b>                                                              | No                 |
| <b>With light sensor:</b>                                                               | No                 |
| <b>Cover fixture with thermal insulation material possible:</b>                         | No                 |
| <b>With air slots:</b>                                                                  | No                 |



**Glow wire test according to IEC 60695-2-11:** 650 °C - 30 s

**Suitable for lamp power:** 32 W

**Specific luminous flux luminaire:** 125 lm/W

**Max system power:** 40 W

**Effective luminous flux according to IEC 62722-2-1:** 3650 - 4000 lm

**Light color:** White

**Color temperature:** 3000 - 4000 K

**Color rendering index:** 90-100

**Power factor:** 0.95

**Width:** 595 mm

**Height/depth:** 26 mm

**Length:** 595 mm

**Connection method:** Plug clamp

**UGR:** 15

**Compatible with Casambi:**

**Compatible with Apple HomeKit:**

**Compatible with Google Assistant:**

**Compatible with Amazon Alexa:**



## ACCESSORIES

| Article       | Description                                                               |
|---------------|---------------------------------------------------------------------------|
| IL-X4D42WI3   | Driver led 42W 1,050mA/230V non-dimmable + 2 pole Wieland                 |
| IL-X4D42PO3   | Driver led 42W 1.050mA/230V non dimmable + 3 poles for GST18i3            |
| IL-X4D42PO2   | Driver led 42W 1,050mA/230V non dimmable + 2 pole Euro                    |
| IL-X4D42WA3   | Driver led 42W 1.050mA/230V non dimmable + 3 pole Wago                    |
| IL-X4D42      | Driver led 42W 1,050mA/230V not dimmable                                  |
| IL-S50W       | Connection cable 2x0.75mm <sup>2</sup> 50cm black for GST18i3             |
| IL-D48DALI2L  | Driver led universal DALI2 650 to 1,100mA/42W loopable                    |
| IL-X3D40      | Driver led dip switch 650 to 1,000mA not dimmable                         |
| IL-PKITB      | Pendant kit panels 1,500mm black RAL9017                                  |
| IL-PKITW      | Pendant kit panels 1,500mm white RAL9003                                  |
| IL-D53DALI2   | Driver led universal DALI2 650 to 1,100mA/47W                             |
| IL-X2D40-1-10 | Driver led dip switch 400 to 1,100mA 1-10V dimmable                       |
| IL-DT48       | Thing led driver dip switch 650 to 1,100mA                                |
| 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          |
| IL-P595SK4    | Surface mounted panel set 600x600mm t.b.v. IL-P595 white RAL9003          |
| IL-P595SK3    | Surface mount kit 600x600mm for IL-P595                                   |
| 2811 020      | Connecting cable 2.0m H03VVH2-F2x0.75mm <sup>2</sup> black Euro 2.5A/250V |

## DOWNLOADS AVAILABLE FROM WEBSITE

|                 |
|-----------------|
| Circuit breaker |
| Lumen output    |
| LDT-File        |
| Manual          |