



## **PRODUCT DATASHEET | IL-PSP1K4OW-B**

ORION CUSTOM 28W (SPECIAL-1200MM) WHITE 4,000K UGR<19 EX. DRIVER BULK



## **DESCRIPTION**



## 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 wall mounting:</b>                             | No                             |
| <b>Suitable for flush mounting:</b>                            | Yes                            |
| <b>Suitable for surface mounting:</b>                          | No                             |
| <b>Suitable for wall mounting:</b>                             | No                             |
| <b>Suitable for clamp mounting:</b>                            | No                             |
| <b>Suitable for monitor workplace according to EN 12464-1:</b> | Yes                            |
| <b>Suitable for light line configuration:</b>                  | No                             |
| <b>With mounting material:</b>                                 | No                             |
| <b>With light source:</b>                                      | Yes                            |
| <b>Suitable for number of light sources:</b>                   | 1                              |
| <b>Lamp type:</b>                                              | LED interchangeable            |
| <b>Lampholder:</b>                                             | Other                          |
| <b>Housing material:</b>                                       | Aluminum                       |
| <b>Surface protection housing:</b>                             | Lacquered                      |
| <b>Housing color:</b>                                          | White                          |
| <b>Voltage type:</b>                                           | AC                             |
| <b>Material cover:</b>                                         | Other                          |
| <b>Nom. voltage :</b>                                          | 230 V                          |
| <b>Grid version:</b>                                           | No                             |
| <b>Ballast:</b>                                                | LED control current-controlled |
| <b>Interchangeable ballasts:</b>                               | Yes                            |
| <b>Driver included:</b>                                        | No                             |
| <b>Dimmable 0-10 V:</b>                                        | Yes                            |
| <b>Dimmable:</b>                                               | Yes                            |



|                                                                                           |                    |
|-------------------------------------------------------------------------------------------|--------------------|
| <b>Dimmable 1-10 V:</b>                                                                   | Yes                |
| <b>Dimmable DALI:</b>                                                                     | Yes                |
| <b>Dimmable Dali-2:</b>                                                                   | Yes                |
| <b>Dimmable phase cut:</b>                                                                | Yes                |
| <b>Dimmable phase cut:</b>                                                                | Yes                |
| <b>Dimming dependent on driver:</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>Energy efficiency class of the light source according to EU regulations 2019/2015:</b> | E                  |
| <b>Part of a holder according to 2019/2020/EU:</b>                                        | No                 |
| <b>Nom. life L70/B50 at 25 °C :</b>                                                       | 140000 h           |
| <b>Rated life time L70/B10 at 25 °C:</b>                                                  | 50000 h            |
| <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>Protection degree back (IP):.</b>                                                      | IP20               |
| <b>Degree of protection front (IP):</b>                                                   | IP20               |



|                                                                                        |                             |
|----------------------------------------------------------------------------------------|-----------------------------|
| <b>Degree of protection (IP):</b>                                                      | IP20                        |
| <b>Impact resistance:</b>                                                              | IK02                        |
| <b>Protection class according to IEC 61140:</b>                                        | II                          |
| <b>Luminaire with limited surface temperature "D-sign" according to EN 60598-2-24:</b> | No                          |
| <b>Emergency power supply integrated:</b>                                              | No                          |
| <b>Emergency power supply system:</b>                                                  | No                          |
| <b>Nom. ambient temperature according to IEC62722-2-1 :</b>                            | -10 - 40 °C                 |
| <b>Suitable for emergency lighting:</b>                                                | Yes                         |
| <b>With switch:</b>                                                                    | No                          |
| <b>With presence detector:</b>                                                         | No                          |
| <b>With motion sensor:</b>                                                             | No                          |
| <b>Specific luminous flux luminaire:</b>                                               | 125 lm/W                    |
| <b>Effective luminous flux according to IEC 62722-2-1:</b>                             | 3606 lm                     |
| <b>With light sensor:</b>                                                              | No                          |
| <b>Cover fixture with thermal insulation material possible:</b>                        | No                          |
| <b>With air slots:</b>                                                                 | No                          |
| <b>Glow wire test according to IEC 60695-2-11:</b>                                     | 650 °C - 30 s               |
| <b>Light color according to EN 12464-1:</b>                                            | Neutral white 3300 - 5300 K |
| <b>Suitable for lamp power:</b>                                                        | 28 W                        |
| <b>Specific luminous flux luminaire:</b>                                               |                             |
| <b>Max system power:</b>                                                               | 28 W                        |
| <b>Effective luminous flux according to IEC 62722-2-1:</b>                             |                             |
| <b>Light color:</b>                                                                    | White                       |
| <b>Color temperature:</b>                                                              | 4000 K                      |
| <b>Color rendering index:</b>                                                          | 80-89                       |



|                           |            |
|---------------------------|------------|
| Power factor:             | 0.95       |
| 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         |



## ACCESSORIES

| Article       | Description                                                    |
|---------------|----------------------------------------------------------------|
| IL-X4D42WI3   | Driver led 42W 1,050mA/230V non-dimmable + 2 pole Wieland      |
| IL-X4D42WA3   | Driver led 42W 1.050mA/230V non dimmable + 3 pole Wago         |
| IL-X4D42PO2   | Driver led 42W 1,050mA/230V non dimmable + 2 pole Euro         |
| IL-X4D42PO3   | Driver led 42W 1.050mA/230V non dimmable + 3 poles for GST18i3 |
| IL-X4D42      | Driver led 42W 1,050mA/230V not dimmable                       |
| 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-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       | Thin led driver dip switch 650 to 1,100mA                      |