

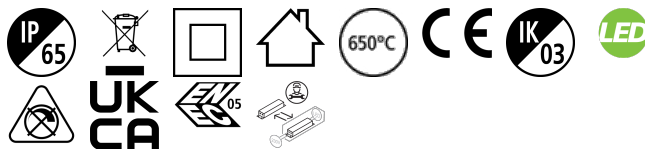
## START Panel IP65 UGR19 1200x300

START Panel IP65 UGR19 1200x300 4300lm 840 WHT

0042695

### Product features

- The START Panel IP65 is a range of backlit LED panels used in recessed ceilings. Ideal for healthcare, hospitals, laboratories and pharmaceutical industry, it meets the IFS requirements by offering impact resistant cover and good cleanability. Easy-to-clean luminaires with a high protection class to avoid vapors and dust entry. Low glaring UGR<19. RG0, 100-degree beam angle, optical system: prismatic diffuser with powder coating finish. Light color temperature: 4000K Cool White, total system power: 36W, total fixture output: 4300lm, efficacy: 119lm/W, Ra80 typical, LED chromaticity: 3 step MacAdam ellipse (SDCM3), lifespan: 100,000 hours at 70% of the original output (L70B50), operating voltage: 220-240V / 50-60Hz, low flicker, non-dimmable IP65 driver, electrical protection: Class II. Degree of Protection: IP65 (both front and back) - able to protect against water jets. Nominal size: 1195x295mm, Loop in / loop out wiring with accessory box, safety cables included, 34mm nominal height, White color frame, weight: 2.3kg.



### PRODUCT OVERVIEW

|                                 |                                                |
|---------------------------------|------------------------------------------------|
| Product name                    | START Panel IP65 UGR19 1200x300 4300lm 840 WHT |
| Technology                      | LED                                            |
| Cap/Base                        | N/A                                            |
| Housing                         | Steel                                          |
| Mount                           | Ceiling recessed mounting                      |
| General application             | Education, Logistics & Industry, Office        |
| Warranty                        | 5 years                                        |
| Fixture luminous flux (lm)      | 4300                                           |
| Luminaire efficacy (lm/W)       | 119                                            |
| Colour temperature (K)          | 4000                                           |
| Colour Code                     | 840                                            |
| Light colour                    | Neutral White                                  |
| Colour Variation Initial (SDCM) | SDCM3                                          |
| Beam Angle (°)                  | 100                                            |
| Glare control                   | < 19                                           |
| Photobiological Risk Group      | RG0                                            |
| Total power consumption (W)     | 36                                             |
| Electrical protection           | Class II                                       |
| Control gear type               | LED driver constant current                    |
| Dimmable                        | No                                             |
| Dimming method                  | N/A                                            |
| LED Flickering Rate             | Ultra low (5% or less)                         |
| Housing colour                  | RAL 9003 - Signal white                        |
| IP rating                       | IP65                                           |
| IK rating                       | IK03                                           |
| Product EAN number              | 5410288426952                                  |

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### DATA TABLE

#### General data

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Product name                     | START Panel IP65 UGR19 1200x300 4300lm 840 WHT |
| Technology                       | LED                                            |
| Cap/Base                         | N/A                                            |
| Housing                          | Steel                                          |
| Mount                            | Ceiling recessed mounting                      |
| General application              | Education, Logistics & Industry, Office        |
| Operating temperature range (°C) | -10°C...+40°C                                  |
| Warranty                         | 5 years                                        |

#### Optical data

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 4300          |
| Luminaire efficacy (lm/W)       | 119           |
| Colour temperature (K)          | 4000          |
| Colour Code                     | 840           |
| Light colour                    | Neutral White |
| Colour Variation Initial (SDCM) | SDCM3         |
| Beam Angle (°)                  | 100           |
| Distribution type               | Symmetric     |
| Glare control                   | < 19          |
| Photobiological Risk Group      | RG0           |

#### Electrical data

|                                                                |                             |
|----------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                    | 36                          |
| Mains voltage (V)                                              | 220-240V                    |
| Lamp power factor                                              | 0.9                         |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 10.0                        |
| Electrical protection                                          | Class II                    |
| Control gear type                                              | LED driver constant current |
| Dimmable                                                       | No                          |
| Dimming method                                                 | N/A                         |
| Inrush Current (A)                                             | 15                          |
| Glow Wire Test (°C)                                            | 650                         |
| Energy Efficiency Class (A->G) of contained light source       | D                           |
| Nominal Frequency (Hz)                                         | 50/60Hz                     |
| LED Flickering Rate                                            | Ultra low (5% or less)      |
| Max. Luminaires per 16A B Breaker                              | 24                          |

#### Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 83000  |

#### Physical data

|                |                         |
|----------------|-------------------------|
| Housing colour | RAL 9003 - Signal white |
| IP rating      | IP65                    |

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|                             |           |
|-----------------------------|-----------|
| IK rating                   | IK03      |
| Diffuser finish             | Prismatic |
| Diffuser material           | Other     |
| Nominal Product Length (mm) | 1195      |
| Nominal Product Width (mm)  | 295       |
| Weight (kg)                 | 2.3       |

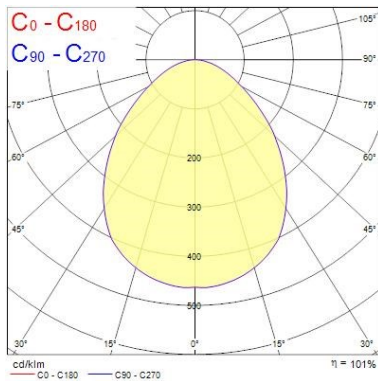
### Packaging

|                                       |               |
|---------------------------------------|---------------|
| Single packaging type                 | Carton        |
| Product EAN number                    | 5410288426952 |
| Packaging single length / height (cm) | 119.5         |
| Packaging single width (cm)           | 29.58         |
| Packaging single depth (cm)           | 3.43          |
| Units per outer package               | 4             |
| Packaging outer width (cm)            | 29.0          |
| Packaging outer depth (cm)            | 35.5          |

### Safety data

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -10-40 |
|----------------------------------|--------|

## PHOTOMETRY



|     |      |                |       |              |
|-----|------|----------------|-------|--------------|
| 0.5 | 1.01 | E(0°)<br>E(C0) | 45.2° | 7996<br>1438 |
| 1.0 | 2.01 | E(0°)<br>E(C0) | 45.2° | 1999<br>352  |
| 1.5 | 3.02 | E(0°)<br>E(C0) | 45.2° | 599<br>155   |
| 2.0 | 4.03 | E(0°)<br>E(C0) | 45.2° | 399<br>88    |
| 2.5 | 5.04 | E(0°)<br>E(C0) | 45.2° | 299<br>55    |
| 3.0 | 6.04 | E(0°)<br>E(C0) | 45.2° | 199<br>39    |

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 90.4°)

## TECHNICAL DRAWINGS

