

## START Panel UGR19 600x600

START Panel UGR19 600x600 DALI 4800Lm 840

0042217



### Product features

- START Panel is a range of backlit LED panels used in recessed ceilings. Ideal for general indoor applications such as corridors, breakrooms, offices and meeting rooms. Luminaire dimensions are compatible with common ceiling installation, and the shallow design makes it easy to install in low ceilings. 4800Lm; 43W; 112Lm/W; Drive current: 950mA; Average lifespan: 100.000Hrs; 4000K; CRI 80; Glare control <19; IK03; IP40 (from the front); SDCM<3; Class II; Loop in loop out connector for quick installation; DALI dimmable.



### PRODUCT OVERVIEW

|                                 |   |
|---------------------------------|---|
| Product name                    | START Panel UGR19 600x600 DALI 4800Lm 840 |
| Technology                      | LED                                       |
| Housing                         | Aluminium, Steel                          |
| Mount                           | Ceiling recessed mounting                 |
| General application             | Education, Office                         |
| ETIM Class                      | EC002892                                  |
| E-number FI                     | 4278366                                   |
| Warranty                        | 5 years                                   |
| Fixture luminous flux (lm)      | 4800                                      |
| Luminaire efficacy (lm/W)       | 112                                       |
| Colour temperature (K)          | 4000                                      |
| Light colour                    | Neutral White                             |
| CRI (Ra)                        | 80  |
| Colour Variation Initial (SDCM) | SDCM3                                     |
| Beam Angle (°)                  | 90  |
| Glare control                   | < 19                                      |
| Photobiological Risk Group      | RG0                                       |
| Total power consumption (W)     | 43  |
| Electrical protection           | Class II                                  |
| Control gear type               | LED driver constant current               |
| Dimmable                        | Yes                                       |
| Minimum dimming level (%)       | 1   |
| LED Flickering Rate             | Ultra low (5% or less)                    |
| Housing colour                  | RAL 9003 - Signal white                   |
| IP rating                       | IP40/20                                   |
| IK rating                       | IK03                                      |
| Product EAN number              | 5410288422176                             |
| Dimming method                  | DALI                                      |

### DATA TABLE

General data

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|   |   |
|---|---|
| Product name                            | START Panel UGR19 600x600 DALI 4800Lm 840 |
| Technology                              | LED                                       |
| Housing                                 | Aluminium, Steel                          |
| Mount                                   | Ceiling recessed mounting                 |
| General application                     | Education, Office                         |
| Operating temperature range (°C)        | -10°C - 45°C                              |
| Performance ambient temperature Tq (°C) | 25  |
| ETIM Class                              | EC002892                                  |
| E-number FI                             | 4278366                                   |
| Warranty                                | 5 years                                   |

### Optical data

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 4800          |
| Luminaire efficacy (lm/W)       | 112           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | SDCM3         |
| Beam Angle (°)                  | 90            |
| Distribution type               | Symmetric     |
| Glare control                   | < 19          |
| Photobiological Risk Group      | RG0           |

### Electrical data

|  |                             |
|--|-----------------------------|
| Total power consumption (W)                                    | 43                          |
| Mains voltage (V)  | 220-240V                    |
| Lamp power factor  | 1                           |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 5                           |
| Electrical protection  | Class II                    |
| Control gear required  | Yes                         |
| Control gear type  | LED driver constant current |
| Transformer required   | No                          |
| Dimmable   | Yes                         |
| Minimum dimming level (%)                                      | 1                           |
| Drive current (mA)   | 950                         |
| Inrush Current (A)   | 28                          |
| Inrush Duration (µs)   | 195                         |
| 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 10A C Breaker                              | 21                          |
| Max. Luminaires per 13A C Breaker                              | 30                          |
| Max. Luminaires per 16A C Breaker                              | 36                          |
| Max. Luminaires per 20A C Breaker                              | 46                          |
| Max. Luminaires per 10A B Breaker                              | 13                          |
| Max. Luminaires per 13A B Breaker                              | 18                          |

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|                                   |    |
|-----------------------------------|----|
| Max. Luminaires per 16A B Breaker | 22 |
| Max. Luminaires per 20A B Breaker | 28 |

### Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 71000  |

### Physical data

|                             |                         |
|-----------------------------|-------------------------|
| Housing colour              | RAL 9003 - Signal white |
| IP rating                   | IP40/20                 |
| IK rating                   | IK03                    |
| Diffuser finish             | Prismatic               |
| Diffuser material           | Other                   |
| Nominal Product Length (mm) | 595                     |
| Nominal Product Width (mm)  | 595                     |
| Nominal Product Height (mm) | 34                      |
| Weight (kg)                 | 2.11                    |

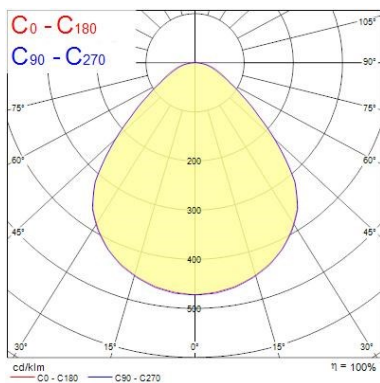
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288422176  |
| Packaging single length / height (cm) | 60.0           |
| Packaging single width (cm)           | 3.8            |
| Packaging single depth (cm)           | 68.0           |
| DUN14 (outer)                         | 15410288422173 |
| Units per outer package               | 4              |
| Packaging outer length / height (cm)  | 72.0           |
| Packaging outer width (cm)            | 17.5           |
| Packaging outer depth (cm)            | 65.0           |

### Safety data

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -10-45 |
|----------------------------------|--------|

## PHOTOMETRY



| Distance [m] | Cone diameter [m] | Illuminance [lx] |
|--------------|-------------------|------------------|
| 0.5          | 1.01              | 9194<br>1808     |
| 1.0          | 2.02              | 2299<br>451      |
| 1.5          | 3.03              | 1022<br>178      |
| 2.0          | 4.04              | 575<br>103       |
| 2.5          | 5.05              | 361<br>64        |
| 3.0          | 6.06              | 255<br>45        |

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### TECHNICAL DRAWINGS

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