

START Panel IP54 UGR19 600x600  
START PANEL IP54 U19 600 4300LM 840 DALI  
0047787



- Product features**
- START Panel IP54 is a range of recessed integrated LED panels for general indoor lighting applications such as breakout areas, offices and meeting rooms. Max. drive current: 165mA; Max. power: 35W; Average lifespan: 100.000Hrs; 4000K; CRI 80; Efficacy up to: 127Lm/W; Fixture lumen up to: 4450lm; Glare control <19; IK03; IP54 (from the front); Class II; DALI dimmable.

PRODUCT OVERVIEW

|                                 |                                          |
|---------------------------------|------------------------------------------|
| Product name                    | START PANEL IP54 U19 600 4300LM 840 DALI |
| Technology                      | LED                                      |
| Cap/Base                        | N/A                                      |
| Housing                         | Steel                                    |
| Mount                           | Ceiling recessed mounting                |
| General application             | Education, Office                        |
| ETIM Class                      | EC002892                                 |
| E-number FI                     | 4274205                                  |
| Warranty                        | 5 years                                  |
| Fixture luminous flux (lm)      | 4300                                     |
| Luminaire efficacy (lm/W)       | 115                                      |
| 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)     | 36                                       |
| Electrical protection           | Class I                                  |
| Control gear type               | LED driver constant current              |
| Dimmable                        | Yes                                      |
| Dimming method                  | DALI                                     |
| Minimum dimming level (%)       | 1                                        |
| LED Flickering Rate             | Ultra low (5% or less)                   |
| Housing colour                  | RAL 9016 - Traffic white / Bezel         |
| IP rating                       | IP54/20                                  |
| IK rating                       | IK03                                     |
| Product EAN number              | 5410288477879                            |

DATA TABLE

|              |                                          |
|--------------|------------------------------------------|
| General data |                                          |
| Product name | START PANEL IP54 U19 600 4300LM 840 DALI |
| Technology   | LED                                      |
| Cap/Base     | N/A                                      |

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|                                         |                           |
|-----------------------------------------|---------------------------|
| Housing                                 | Steel                     |
| Mount                                   | Ceiling recessed mounting |
| General application                     | Education, Office         |
| Operating temperature range (°C)        | -10°C...+40°C             |
| Performance ambient temperature Tq (°C) | 25                        |
| ETIM Class                              | EC002892                  |
| E-number FI                             | 4274205                   |
| Warranty                                | 5 years                   |

### Optical data

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 4300          |
| Luminaire efficacy (lm/W)       | 115           |
| 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)                                    | 36                          |
| Primary Supply/Product voltage - min (V)                       | 220                         |
| Primary Supply/Product voltage - max (V)                       | 240                         |
| Lamp power factor                                              | 0.96                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 16.0                        |
| Electrical protection                                          | Class I                     |
| Control gear required                                          | No                          |
| Control gear type                                              | LED driver constant current |
| No. Of switching cycles before premature failures              | >100000                     |
| Dimmable                                                       | Yes                         |
| Dimming method                                                 | DALI                        |
| Minimum dimming level (%)                                      | 1                           |
| Drive current (mA)                                             | 150                         |
| Inrush Current (A)                                             | 25                          |
| Inrush Duration (µs)                                           | 177                         |
| 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. products per 10A C Breaker                                | 38                          |
| Max. products per 13A C Breaker                                | 48                          |
| Max. products per 16A C Breaker                                | 60                          |
| Max. products per 20A C Breaker                                | 75                          |
| Max. products per 16A B Breaker                                | 21                          |

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|                                                              |     |
|--------------------------------------------------------------|-----|
| Connectable conductor cross section - Max (mm <sup>2</sup> ) | 1.5 |
|--------------------------------------------------------------|-----|

### Lifetime data

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

### Physical data

|                             |                                  |
|-----------------------------|----------------------------------|
| Housing colour              | RAL 9016 - Traffic white / Bezel |
| IP rating                   | IP54/20                          |
| IK rating                   | IK03                             |
| Diffuser finish             | Prismatic                        |
| Diffuser material           | PC Polycarbonate                 |
| Nominal Product Length (mm) | 595                              |
| Nominal Product Width (mm)  | 595                              |
| Nominal Product Height (mm) | 65                               |
| Weight (kg)                 | 3.168                            |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288477879  |
| Packaging single length / height (cm) | 61.0           |
| Packaging single width (cm)           | 7.0            |
| Packaging single depth (cm)           | 61.0           |
| DUN14 (outer)                         | 05410288477879 |
| Units per outer package               | 4              |
| Packaging outer length / height (cm)  | 63.0           |
| Packaging outer width (cm)            | 32.6           |
| Packaging outer depth (cm)            | 64.5           |

### Safety data

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

## PHOTOMETRY

## TECHNICAL DRAWINGS