

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; IP44 (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 |
| 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

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General data

| | |
|---|--|
| 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 |
| 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 |
| Mains voltage (V) | 220-240V~ |
| 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 |
| Transformer required | No |
| Dimmable | Yes |
| Minimum dimming level (%) | 1 |
| Drive current (mA) | 150 |
| Inrush Current (A) | 25 |
| Inrush Duration (µs) | 177 |
| Glow Wire Test (°C) | 650 |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. Luminaires per 10A C Breaker | 38 |
| Max. Luminaires per 13A C Breaker | 48 |
| Max. Luminaires per 16A C Breaker | 60 |
| Max. Luminaires per 20A C Breaker | 75 |

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Max. Luminaires per 16A B Breaker 21

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) | 596 |
| Nominal Product Width (mm) | 596 |
| Nominal Product Height (mm) | 63 |
| Weight (kg) | 3.2 |

Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288477879 |
| Packaging single length / height (cm) | 61.5 |
| Packaging single width (cm) | 61.0 |
| Packaging single depth (cm) | 7.5 |
| DUN14 (outer) | 05410288477879 |
| Units per outer package | 20 |
| Packaging outer length / height (cm) | 125.0 |
| Packaging outer width (cm) | 81.0 |
| Packaging outer depth (cm) | 63.0 |

Safety data

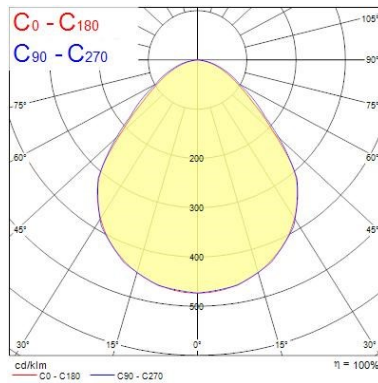
| | |
|----------------------------------|--------|
| Optimal operating condition (°C) | -10-40 |
|----------------------------------|--------|

PHOTOMETRY

| | | |
|-----|--------------|---|
| 0.5 | 1.02 1.00 | E(0°) 8142 E(C90) 1400 E(C0) 1453 |
| 1.0 | 2.04 1.99 | E(0°) 2035 E(C90) 350 E(C0) 363 |
| 1.5 | 3.06 2.99 | E(0°) 909 E(C90) 159 E(C0) 161 |
| 2.0 | 4.08 3.99 | E(0°) 509 E(C90) 86 E(C0) 81 |
| 2.5 | 5.11 4.98 | E(0°) 328 E(C90) 56 E(C0) 58 |
| 3.0 | 6.13 5.98 | E(0°) 226 E(C90) 39 E(C0) 40 |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 89.8°)
— C90 - C270 (Half beam angle: 91.2°)



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TECHNICAL DRAWINGS

