

START Panel IP54 600x600

START PANEL IP54 600 4750LM 840 DALI
0047783



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: 146Lm/W; Fixture lumen up to: 5100lm; IK03; IP54 (from the front); Class II; DALI dimmable.



PRODUCT OVERVIEW

| | |
|---------------------------------|--------------------------------------|
| Product name | START PANEL IP54 600 4750LM 840 DALI |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Steel |
| Mount | Ceiling recessed mounting |
| General application | Education, Office |
| ETIM Class | EC002892 |
| E-number FI | 4274193 |
| Warranty | 5 years |
| Fixture luminous flux (lm) | 4750 |
| Luminaire efficacy (lm/W) | 130 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Beam Angle (°) | 107 |
| Glare control | < 25 |
| 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 | 5410288477831 |
| Dimming method | DALI |

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DATA TABLE

General data

| | |
|---|--------------------------------------|
| Product name | START PANEL IP54 600 4750LM 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 | 4274193 |
| Warranty | 5 years |

Optical data

| | |
|---------------------------------|---------------|
| Fixture luminous flux (lm) | 4750 |
| Luminaire efficacy (lm/W) | 130 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Beam Angle (°) | 107 |
| Distribution type | Symmetric |
| Glare control | < 25 |
| 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 |
| Energy Efficiency Class (A->G) of contained light source | D |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |

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| | |
|-----------------------------------|----|
| 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 |
| 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 | Opal |
| Diffuser material | PC Polycarbonate |
| Nominal Product Length (mm) | 596 |
| Nominal Product Width (mm) | 596 |
| Nominal Product Height (mm) | 63 |
| Weight (kg) | 2.89 |

Packaging

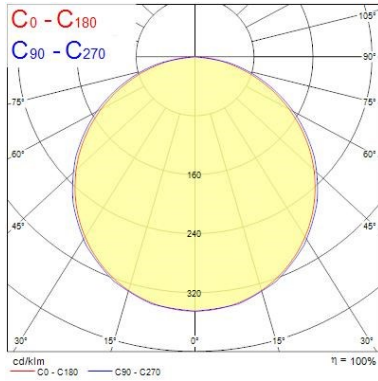
| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288477831 |
| Packaging single length / height (cm) | 61.5 |
| Packaging single width (cm) | 61.0 |
| Packaging single depth (cm) | 7.5 |
| DUN14 (outer) | 05410288477831 |
| 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

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| Distance [m] | Cone diameter [m] | E _{0°} [lx] | E _{30°} [lx] | E _{60°} [lx] | E _{90°} [lx] |
|--------------|-------------------|----------------------|-----------------------|-----------------------|-----------------------|
| 0.5 | 1.44 1.51 | 6711 | 55.2* | 55 | 589 |
| 1.0 | 2.88 3.01 | 1678 | 55.2* | 198 | 142 |
| 1.5 | 4.32 4.52 | 746 | 55.2* | 89 | 63 |
| 2.0 | 5.76 6.02 | 419 | 55.2* | 59 | 38 |
| 2.5 | 7.19 7.53 | 288 | 55.2* | 25 | 23 |
| 3.0 | 8.63 9.03 | 198 | 55.2* | 17 | 16 |

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

— C0 - C180 (Half beam angle: 112.8°)
— C90 - C270 (Half beam angle: 110.4°)

TECHNICAL DRAWINGS

