

START Panel IP40 1200x300

START Panel 3YW 1200x300 3200Lm 830 LILO

0042810

Product features



- LED Panel with backlit technology, ideal for general indoor lighting applications such as breakout areas, offices and meeting rooms. Extruded aluminium frame, passive cooling. Low glaring UGR<22. RG0, 112 degree beam angle, optical system: PS diffuser with Opal finish. Light color temperature: 3000K Warm White, total system power: 36W, total fixture output: 3200lm, efficacy: 89 lm/W, Ra80 typical, LED chromacity: 6 step MacAdam ellipse (SDCM6), lifespan: 100,000 hours at 70% of the original output (L70B50), IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, low flicker, non dimmable driver, electrical protection: Class II. Degree of Protection: IP40/IP20, suitable for indoor environment only. Nominal size: 1200x300mm, Loop in / loop out wiring, safety cables included, 25mm nominal height, White color frame, weight: 1,9Kg.



PRODUCT OVERVIEW

| | |
|---------------------------------|--|
| Product name | START Panel 3YW 1200x300 3200Lm 830 LILO |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Aluminium, Steel |
| Mount | Ceiling recessed mounting |
| General application | Education, Office |
| ETIM Class | EC002892 |
| Warranty | 3 years |
| Fixture luminous flux (lm) | 3200 |
| Luminaire efficacy (lm/W) | 89 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Beam Angle (°) | 112 |
| Glare control | < 22 |
| Photobiological Risk Group | RG0 |
| Total power consumption (W) | 36 |
| Electrical protection | Class II |
| Control gear type | LED driver constant current |
| Dimmable | No |
| LED Flickering Rate | Ultra low (5% or less) |
| Housing colour | RAL 9003 - Signal white |
| IP rating | IP40/20 |
| IK rating | IK02 |
| Product EAN number | 5410288428109 |
| Dimming method | N/A |

DATA TABLE

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General data

| | |
|---|--|
| Product name | START Panel 3YW 1200x300 3200Lm 830 LILO |
| Technology | LED |
| Cap/Base | N/A |
| 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 |
| Warranty | 3 years |

Optical data

| | |
|---------------------------------|------------|
| Fixture luminous flux (lm) | 3200 |
| Luminaire efficacy (lm/W) | 89 |
| Colour temperature (K) | 3000 |
| Light colour | Warm White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Beam Angle (°) | 112 |
| Distribution type | Symmetric |
| Glare control | < 22 |
| 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 % | 20.0 |
| Electrical protection | Class II |
| Control gear type | LED driver constant current |
| No. Of switching cycles before premature failures | >15000 |
| Transformer required | No |
| Dimmable | No |
| Drive current (mA) | 680 |
| Inrush Current (A) | 17 |
| Inrush Duration (µs) | 150 |
| Glow Wire Test (°C) | 650 |
| Energy Efficiency Class (A->G) of contained light source | E |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. Luminaires per 10A C Breaker | 51 |
| Max. Luminaires per 13A C Breaker | 66 |
| Max. Luminaires per 16A C Breaker | 81 |
| Max. Luminaires per 20A C Breaker | 102 |
| Max. Luminaires per 10A B Breaker | 33 |

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| | |
|-----------------------------------|----|
| Max. Luminaires per 13A B Breaker | 43 |
| Max. Luminaires per 16A B Breaker | 54 |
| Max. Luminaires per 20A B Breaker | 68 |

Lifetime data

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

Physical data

| | |
|-----------------------------|-------------------------|
| Housing colour | RAL 9003 - Signal white |
| IP rating | IP40/20 |
| IK rating | IK02 |
| Diffuser finish | Diffuse |
| Diffuser material | Other |
| Nominal Product Length (mm) | 1200 |
| Nominal Product Width (mm) | 300 |
| Nominal Product Height (mm) | 25 |
| Weight (kg) | 1.9 |

Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288428109 |
| Packaging single length / height (cm) | 30.0 |
| Packaging single width (cm) | 124.5 |
| Packaging single depth (cm) | 3.8 |
| DUN14 (outer) | 15410288428106 |
| Units per outer package | 4 |
| Packaging outer length / height (cm) | 125.0 |
| Packaging outer width (cm) | 38.0 |
| Packaging outer depth (cm) | 17.0 |

Safety data

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

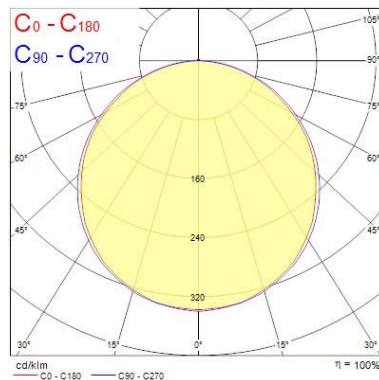
PHOTOMETRY

| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|-------------|----------------|-------|
| 0.5 | 1.56 1.51 | 4396 349 | 87.3° 56.4° | 372 |
| 1.0 | 3.12 3.01 | 1099 87 | 87.3° 56.4° | 93 |
| 1.5 | 4.67 4.52 | 489 39 | 87.3° 56.4° | 41 |
| 2.0 | 6.23 6.02 | 275 21 | 87.3° 56.4° | 23 |
| 2.5 | 7.79 7.53 | 175 14 | 87.3° 56.4° | 15 |
| 3.0 | 9.35 9.03 | 122 10 | 87.3° 56.4° | 10 |

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

— C0 - C180 (Half beam angle: 112.6°)

— C90 - C270 (Half beam angle: 114.6°)



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TECHNICAL DRAWINGS

