

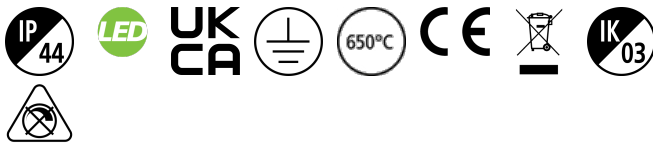
START eco Surface IP44

START ECO SURFACE IP44 520LM 840
0043110



Product features

- Ceiling / wall luminaire with integrated LED. Perfect solution for hallways, circulation spaces or foyer. Even and uniform light distribution with a halo lighting effect on the wall surface. Body Size diameter 180mm. Power 6W, output 520 lumens. Supplied with LED driver (non-dimmable). IK03 PMMA diffuser. Low maintenance with 30,000 hours LED life expectancy



PRODUCT OVERVIEW

| | |
|---------------------------------|----------------------------------|
| Product name | START ECO SURFACE IP44 520LM 840 |
| Technology | LED |
| Housing | Aluminium |
| Mount | Ceiling surface mounting |
| Environment | Indoor |
| General application | Residential & Consumer |
| ETIM Class | EC002892 |
| E-number FI | 4170558 |
| Warranty | 3 years |
| Fixture luminous flux (lm) | 515 |
| Luminaire efficacy (lm/W) | 86 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Beam Angle (°) | 120 |
| Glare control | < 28 |
| Photobiological Risk Group | RG0 |
| Total power consumption (W) | 6 |
| Electrical protection | Class I |
| Dimmable | No |
| Housing colour | White |
| IP rating | IP44 |
| IK rating | IK03 |
| Product EAN number | 5410288431109 |

DATA TABLE

General data

| | |
|--------------|----------------------------------|
| Product name | START ECO SURFACE IP44 520LM 840 |
| Technology | LED |
| Housing | Aluminium |

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| | |
|---|--------------------------|
| Mount | Ceiling surface mounting |
| Environment | Indoor |
| General application | Residential & Consumer |
| Operating temperature range (°C) | -10°C - 40°C |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC002892 |
| E-number FI | 4170558 |
| Warranty | 3 years |

Optical data

| | |
|---------------------------------|---------------|
| Fixture luminous flux (lm) | 515 |
| Luminaire efficacy (lm/W) | 86 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Beam Angle (°) | 120 |
| Glare control | < 28 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|-----------------------------------|-----------|
| Total power consumption (W) | 6 |
| Mains voltage (V) | 220-240V~ |
| Lamp power factor | 0.8 |
| Electrical protection | Class I |
| Dimmable | No |
| Drive current (mA) | 110 |
| Inrush Duration (µs) | 50 |
| Glow Wire Test (°C) | 650 |
| Nominal Frequency (Hz) | 50Hz |
| Max. Luminaires per 10A C Breaker | 21 |
| Max. Luminaires per 16A C Breaker | 34 |

Lifetime data

| | |
|------------------|-------|
| Lifespan L70 B50 | 30000 |
| Lifespan L80 B50 | 18700 |

Physical data

| | |
|-----------------------------|------------------|
| Housing colour | White |
| IP rating | IP44 |
| IK rating | IK03 |
| Diffuser finish | Opal |
| Diffuser material | PC Polycarbonate |
| Nominal Product Length (mm) | 180 |
| Nominal Product Width (mm) | 180 |
| Nominal Product Height (mm) | 75 |
| Weight (kg) | 0.235 |

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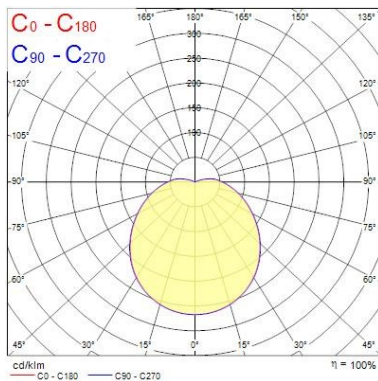
Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288431109 |
| Packaging single length / height (cm) | 22.67 |
| Packaging single width (cm) | 22.87 |
| Packaging single depth (cm) | 8.0 |
| DUN14 (outer) | 15410288431106 |
| Units per outer package | 6 |
| Packaging outer length / height (cm) | 27.2 |
| Packaging outer width (cm) | 21.6 |
| Packaging outer depth (cm) | 44.2 |

Safety data

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

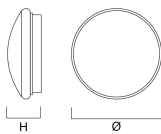
PHOTOMETRY



| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam diameter [ft] | Beam diameter [in] | Illuminance [lx] |
|--------------|-------------------|-------------------|--------------------|--------------------|------------------|
| 0.5 | 1.80 1.75 | 0.50 | 1.64 | 6.49 | 551 |
| 1.0 | 3.59 3.51 | 1.00 | 3.28 | 13.0 | 138 |
| 1.5 | 5.39 5.26 | 1.50 | 4.92 | 19.5 | 61 |
| 2.0 | 7.19 7.01 | 2.00 | 6.56 | 26.0 | 34 |
| 2.5 | 8.98 8.77 | 2.50 | 8.20 | 32.5 | 22 |
| 3.0 | 10.78 10.52 | 3.00 | 9.84 | 39.0 | 15 |

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 120.8°) — C90 - C270 (Half beam angle: 121.8°)

TECHNICAL DRAWINGS



| Version | Ø | H |
|---------|-----|-----|
| 6W | 180 | 75 |
| 12W | 250 | 80 |
| 17/18W | 330 | 96 |
| 24W | 360 | 100 |