

Start eco Surface IP44 DualTone

START ECO SURFACE IP44 1025LM 830/840 DUALTONE

0043426



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 250mm. Besa mounting box compatible, hole distance 51mm. DualTone functionality enables switch between 3000K and 4000K colour temperatures. Power 12W, output 1025 lumens (4000k). Non-dimmable. IK03, IP44. Low maintenance with 30,000 hours LED life expectancy. Energy Class: A++, A+, A



NOTES

undefined

PRODUCT OVERVIEW

| | |
|---------------------------------|--|
| Product name | START ECO SURFACE IP44 1025LM 830/840 DUALTONE |
| Technology | LED |
| Housing | Steel |
| General application | Hospitality |
| ETIM Class | EC002892 |
| E-number FI | 4170569 |
| Warranty | 3 years |
| Fixture luminous flux (lm) | 1025 |
| Luminaire efficacy (lm/W) | 85 |
| Colour temperature (K) | 4000 |
| Light colour | Amber White or Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Beam Angle (°) | 120 |
| Photobiological Risk Group | RG0 |
| Total power consumption (W) | 12 |
| Electrical protection | Class I |
| Dimmable | No |
| Minimum dimming level (%) | 100 |
| LED Flickering Rate | High (>40%) |
| Housing colour | White |
| IP rating | IP44 |
| IK rating | IK03 |
| Product EAN number | 5410288434261 |

DATA TABLE

General data

| | |
|--------------|--|
| Product name | START ECO SURFACE IP44 1025LM 830/840 DUALTONE |
|--------------|--|

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| | |
|---|--------------|
| Technology | LED |
| Housing | Steel |
| General application | Hospitality |
| Operating temperature range (°C) | -20°C - 40°C |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC002892 |
| E-number FI | 4170569 |
| Warranty | 3 years |

Optical data

| | |
|---|------------------------------|
| Fixture luminous flux (lm) | 1025 |
| Luminaire efficacy (lm/W) | 85 |
| Colour temperature (K) | 4000 |
| Correlated colour temperature range (K) | 3000 - 4000 |
| Light colour | Amber White or Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM6 |
| Beam Angle (°) | 120 |
| Distribution type | Diffuse |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|-----------------------------------|-------------|
| Total power consumption (W) | 12 |
| Mains voltage (V) | 220-240V~ |
| Lamp power factor | 0.8 |
| Electrical protection | Class I |
| Dimmable | No |
| Minimum dimming level (%) | 100 |
| Drive current (mA) | 38 |
| Inrush Current (A) | 0.5 |
| Inrush Duration (µs) | 30 |
| Glow Wire Test (°C) | 650 |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | High (>40%) |
| Max. Luminaires per 10A C Breaker | 60 |
| Max. Luminaires per 13A C Breaker | 78 |
| Max. Luminaires per 16A C Breaker | 96 |
| Max. Luminaires per 20A C Breaker | 120 |
| Max. Luminaires per 10A B Breaker | 36 |
| Max. Luminaires per 13A B Breaker | 47 |
| Max. Luminaires per 16A B Breaker | 58 |
| Max. Luminaires per 20A B Breaker | 72 |

Lifetime data

| | |
|------------------|-------|
| Lifespan L70 B50 | 30000 |
|------------------|-------|

Physical data

| | |
|----------------|-------|
| Housing colour | White |
|----------------|-------|

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| | |
|-------------------------------|---------------|
| IP rating | IP44 |
| IK rating | IK03 |
| Diffuser finish | Opal |
| Diffuser material | Polypropylene |
| Nominal Product Length (mm) | 250 |
| Nominal Product Width (mm) | 250 |
| Nominal Product Height (mm) | 80 |
| Nominal Product Diameter (mm) | 250 |
| Weight (kg) | 0.25 |

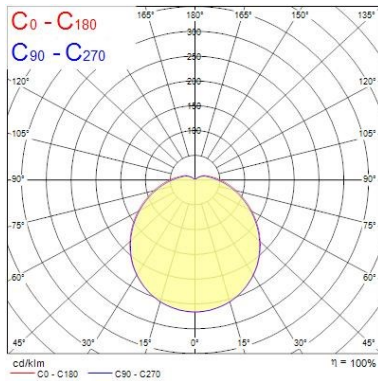
Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288434261 |
| Packaging single length / height (cm) | 25.2 |
| Packaging single width (cm) | 8.3 |
| Packaging single depth (cm) | 25.2 |
| DUN14 (outer) | 15410288434268 |
| Units per outer package | 6 |
| Packaging outer length / height (cm) | 54.6 |
| Packaging outer width (cm) | 28.5 |
| Packaging outer depth (cm) | 29.0 |

Safety data

| | |
|----------------------------------|--------|
| Optimal operating condition (°C) | -20-40 |
|----------------------------------|--------|

PHOTOMETRY

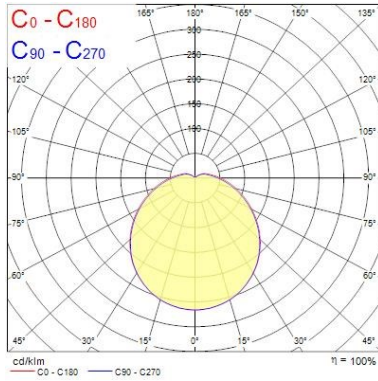


| Distance [m] | Cone diameter [m] | E [lx] | E (C90) [lx] | E (C0) [lx] |
|--------------|-------------------|--------|--------------|-------------|
| 0.5 | 1.70 1.77 | 1091 | 59.8 | 66 |
| 1.0 | 3.41 3.53 | 273 | 59.8 | 16 |
| 1.5 | 5.11 5.30 | 121 | 59.8 | 7 |
| 2.0 | 6.82 7.07 | 66 | 59.8 | 4 |
| 2.5 | 8.52 8.84 | 44 | 59.8 | 3 |
| 3.0 | 10.23 10.60 | 30 | 59.8 | 2 |

Distance [m] Cone diameter [m]
 C0 - C180 (Half beam angle: 121.0°)
 C90 - C270 (Half beam angle: 119.2°)

illuminance [lx]

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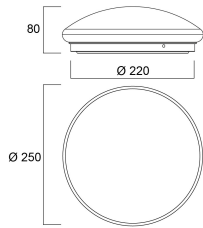


| Distance [m] | Cone diameter [m] | E(0°) [lx] | E(C90) [lx] | E(C0) [lx] |
|--------------|-------------------|------------|-------------|------------|
| 0.5 | 1.70 1.77 | 990 | 59.8* | 59 |
| 1.0 | 3.41 3.53 | 247 | 16 | 15 |
| 1.5 | 5.11 5.30 | 110 | 7 | 7 |
| 2.0 | 6.82 7.07 | 62 | 4 | 4 |
| 2.5 | 8.52 8.84 | 40 | 3 | 2 |
| 3.0 | 10.23 10.60 | 27 | 2 | 2 |

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

— C0 - C180 (Half beam angle: 121.0°)
 — C90 - C270 (Half beam angle: 119.2°)

TECHNICAL DRAWINGS





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SYLVANIA 0043426


 This luminaire contains built-in LED lamps

 } LED


The lamps cannot be changed in the luminaire.

874/2012 

 This luminaire contains built-in LED lamps

 } LED

The lamps cannot be changed in the luminaire.

SYLVANIA 0043426 

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