

Start eco Surface IP44 DualTone

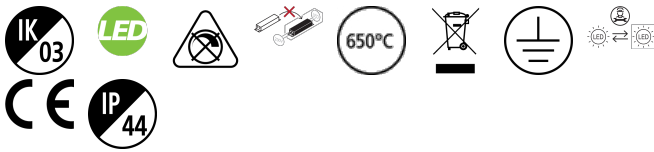
START ECO SURFACE IP44 2050LM 830/840 DUAL TONE

0043428



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 360mm. Besa mounting box compatible, hole distance 51mm. DualTone functionality enables switch between 3000K and 4000K colour temperatures. Power 24W, output 2050 lumens (4000k). Non-dimmable. IK03, IP44. Low maintenance with 30,000 hours LED life expectancy. Energy Class: A++, A+, A

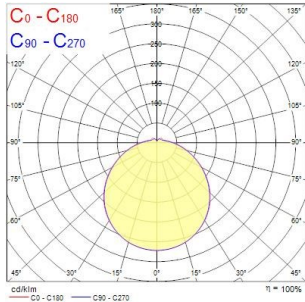


PRODUCT OVERVIEW

Product name	START ECO SURFACE IP44 2050LM 830/840 DUALTONE
Technology	LED
Housing	Steel
General application	Hospitality
ETIM Class	EC002892
E-number FI	4170571
Warranty	3 years
Fixture luminous flux (lm)	2050
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)	24
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	5410288434285

PHOTOMETRY

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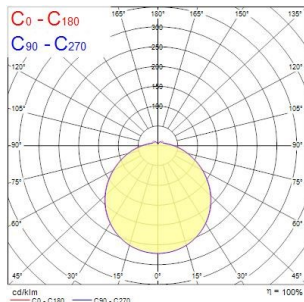
Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.65 1.70	E ₀₇ : 2227 E _{1C90} : 154 E _{1C270} : 144
1.0	3.32 3.41	E ₀₇ : 557 E _{1C90} : 38 E _{1C270} : 35
1.5	4.97 5.11	E ₀₇ : 247 E _{1C90} : 17 E _{1C270} : 15
2.0	6.63 6.82	E ₀₇ : 138 E _{1C90} : 10 E _{1C270} : 9
2.5	8.29 8.52	E ₀₇ : 89 E _{1C90} : 6 E _{1C270} : 6
3.0	9.95 10.23	E ₀₇ : 62 E _{1C90} : 4 E _{1C270} : 4

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 119.2°)
 C90 - C270 (Half beam angle: 117.8°)

cd/klm
 C0 - C180 C90 - C270
 T_l = 100%

Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.65 1.70	E ₀₇ : 2091 E _{1C90} : 145 E _{1C270} : 135
1.0	3.32 3.41	E ₀₇ : 812 E _{1C90} : 56 E _{1C270} : 54
1.5	4.97 5.11	E ₀₇ : 332 E _{1C90} : 19 E _{1C270} : 18
2.0	6.63 6.82	E ₀₇ : 175 E _{1C90} : 9 E _{1C270} : 9
2.5	8.29 8.52	E ₀₇ : 94 E _{1C90} : 6 E _{1C270} : 6
3.0	9.95 10.23	E ₀₇ : 68 E _{1C90} : 4 E _{1C270} : 4

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 119.2°)
 C90 - C270 (Half beam angle: 117.8°)



TECHNICAL DRAWINGS

