

START eco Surface IP44

START ECO SURFACE IP44 2000LM 830

0043117



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. Power 24W, output 2000 lumens. Supplied with LED driver (non-dimmable). IK03 PC diffuser. Low maintenance with 30,000 hours LED life expectancy



PRODUCT OVERVIEW

Product name	START ECO SURFACE IP44 2000LM 830
Technology	LED
Housing	Aluminium
Mount	Ceiling surface mounting
Environment	Indoor
General application	Residential & Consumer
ETIM Class	EC002892
E-number FI	4170565
Warranty	3 years
Fixture luminous flux (lm)	2000
Luminaire efficacy (lm/W)	83
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	120
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	24
Electrical protection	Class I
Dimmable	No
Housing colour	White
IP rating	IP44
IK rating	IK03
Product EAN number	5410288431178

DATA TABLE

General data

Product name	START ECO SURFACE IP44 2000LM 830
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	4170565
Warranty	3 years

Optical data

Fixture luminous flux (lm)	2000
Luminaire efficacy (lm/W)	83
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	120
Distribution type	Direct
Glare control	< 28
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	24
Mains voltage (V)	220-240V~
Lamp power factor	0.8
Electrical protection	Class I
Dimmable	No
Drive current (mA)	216
Inrush Duration (µs)	50
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50Hz
Max. Luminaires per 10A C Breaker	9
Max. Luminaires per 16A C Breaker	15

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)	360
Nominal Product Width (mm)	360
Nominal Product Height (mm)	100
Weight (kg)	0.887

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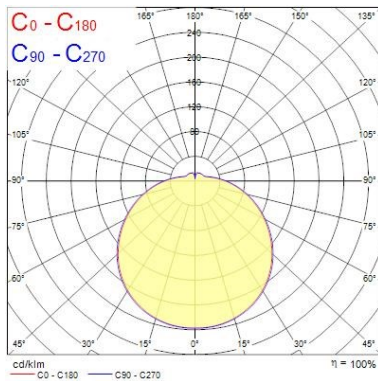
Packaging

Single packaging type	Carton
Product EAN number	5410288431178
Packaging single length / height (cm)	42.97
Packaging single width (cm)	42.97
Packaging single depth (cm)	10.97
DUN14 (outer)	15410288431175
Units per outer package	6
Packaging outer length / height (cm)	67.2
Packaging outer width (cm)	40.6
Packaging outer depth (cm)	42.2

Safety data

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

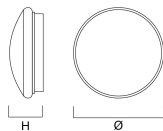


Distance [m]	Cone diameter [m]	Beam angle [°]	Beam angle [°]	Beam angle [°]	Illuminance [lx]
0.5	2.13 2.06	128.2°	64.9°	64.1°	1598 173 16
1.0	4.27 4.12	128.2°	64.9°	64.1°	470 16 20
1.5	6.40 6.18	128.2°	64.9°	64.1°	211 6 9
2.0	8.54 8.24	128.2°	64.9°	64.1°	119 5 6
2.5	10.67 10.30	128.2°	64.9°	64.1°	76 4 5
3.0	12.81 12.36	128.2°	64.9°	64.1°	53 3 4

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

— C0 - C180 (Half beam angle: 128.2°) — C90 - C270 (Half beam angle: 128.2°)

TECHNICAL DRAWINGS



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