

START Surface IP44 PIR 1800lm 830/840 DualTone
0043438



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 1800 lumens (4000K). Supplied with integrated PIR (infra-red) sensor for automatic on-off presence control. IK03, IP44. Low maintenance with lifespan 90,000 hours L70:B50.

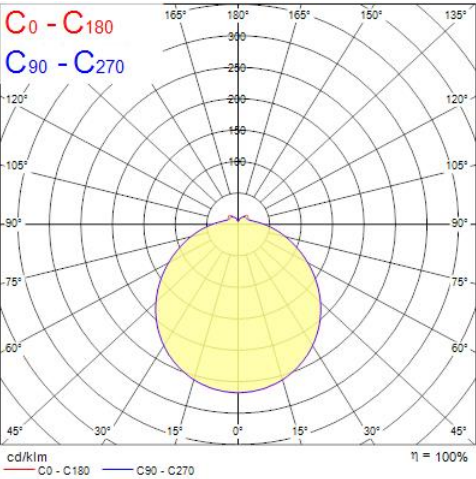
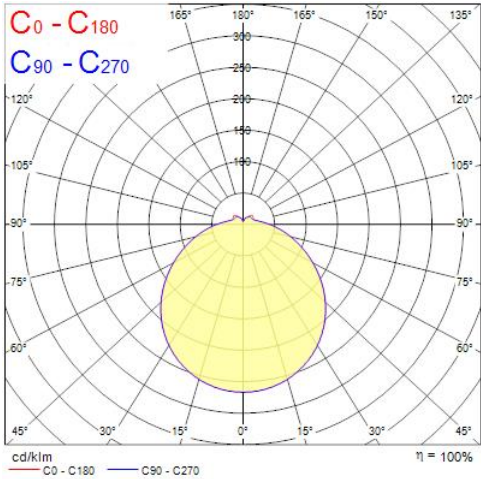
Product Overview

Product name	START Surface IP44 PIR 1800lm 830/840 DualTone
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
E-number FI	4170573
Fixture luminous flux (lm)	1800
Luminaire efficacy (lm/W)	75
Light colour	Warm White or Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Photobiological Risk Group	RG0
Total power consumption (W)	24
Electrical protection	Class I
Control gear type	LED driver constant current
LED Flickering Rate	High (>40%)
Housing colour	White
IP rating	IP44
IK rating	IK03
Product EAN number	5410288434384

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Warranty 3 years

Photometry



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.68 1.67	1928	59.2°	59.1°	129
1.0	3.36 3.34	482	59.2°	59.1°	32
1.5	5.03 5.01	214	59.2°	59.1°	14
2.0	6.71 6.68	120	59.2°	59.1°	8
2.5	8.39 8.35	77	59.2°	59.1°	5
3.0	10.07 10.03	54	59.2°	59.1°	4

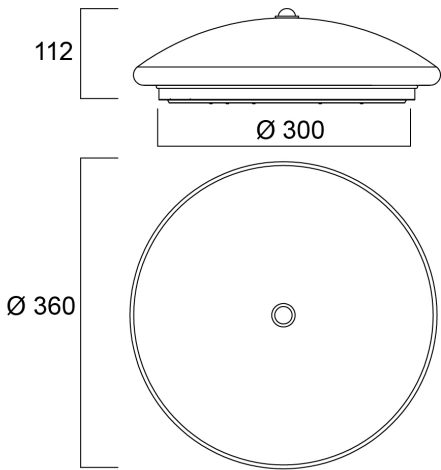
Distance [m] Cone diameter [m]
— C0 - C180 (Half beam angle: 118.2°)
— C90 - C270 (Half beam angle: 118.6°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.68 1.67	1516	59.3°	59.1°	121
1.0	3.37 3.34	454	59.3°	59.1°	30
1.5	5.05 5.01	202	59.3°	59.1°	13
2.0	6.74 6.68	114	59.3°	59.1°	8
2.5	8.42 8.35	73	59.3°	59.1°	5
3.0	10.11 10.03	50	59.3°	59.1°	3

Distance [m] Cone diameter [m]
— C0 - C180 (Half beam angle: 118.2°)
— C90 - C270 (Half beam angle: 118.6°)

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Technical drawings



Data table

GENERAL DATA

Product name	START Surface IP44 PIR 1800lm 830/840 DualTone
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
E-number FI	4170573
Warranty	3 years

OPTICAL DATA

Fixture luminous flux (lm)	1800
Luminaire efficacy (lm/W)	75
Correlated colour temperature range (K)	3000 - 4000
Light colour	Warm White or Neutral White

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CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	24
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.7
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	75
Inrush Current (A)	2
Inrush Duration (µs)	30
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50Hz
LED Flickering Rate	High (>40%)
Max. products per 10A C Breaker	15
Max. products per 20A B Breaker	18
Connectable conductor cross section - Max (mm²)	2.5

LIFETIME DATA

Lifespan L70 B50	90000
Lifespan L80 B50	90000
Lifespan L90 B50	43000

PHYSICAL DATA

Housing colour	White
IP rating	IP44
IK rating	IK03
Diffuser finish	Opal



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Diffuser material	Polypropylene
Nominal Product Diameter (mm)	360
Weight (kg)	0.61

PACKAGING

Single packaging type	Carton
Product EAN number	5410288434384
Packaging single width (cm)	11.8
Packaging single depth (cm)	39.0
DUN14 (outer)	15410288434381
Packaging outer length / height (cm)	74.5

SAFETY DATA

Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No