

START Surface IP44 DualTone
START 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 lifespan 90,000 hours L70:B50.



PRODUCT OVERVIEW

Product name	START Surface IP44 1025lm 830/840 DualTone
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
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
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
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 Surface IP44 1025lm 830/840 DualTone
Technology	LED

START Surface IP44 DualTone

START Surface IP44 1025lm 830/840 DualTone

0043426

Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
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
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	65
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Minimum dimming level (%)	100
Drive current (mA)	38
Inrush Current (A)	0.5
Inrush Duration (µs)	30
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	F
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

START Surface IP44 DualTone

START Surface IP44 1025lm 830/840 DualTone
0043426

Lifetime data

Lifespan L70 B50	90000
Lifespan L80 B50	90000
Lifespan L90 B50	48000

Physical data

Housing colour	White
IP rating	IP44
IK rating	IK03
Diffuser finish	Opal
Diffuser material	Polypropylene
Nominal Product Height (mm)	80
Nominal Product Diameter (mm)	250
Weight (kg)	0.25

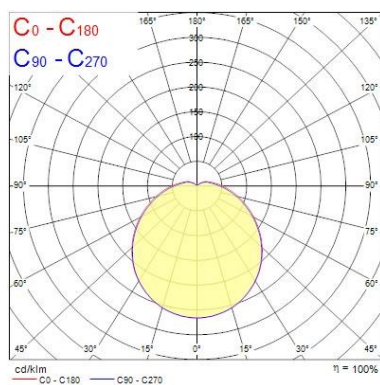
Packaging

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

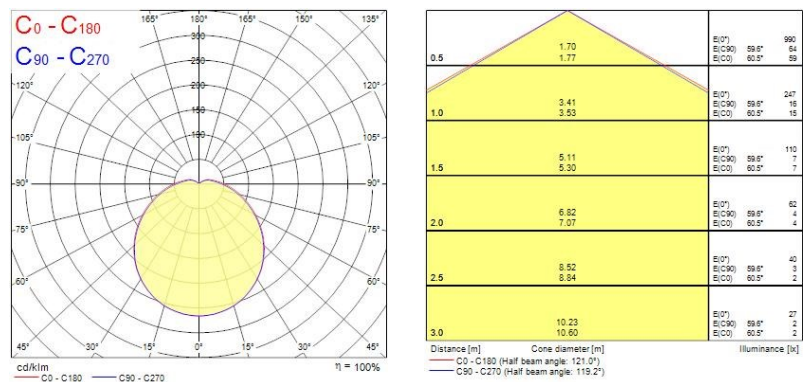
Optimal operating condition (°C)	-20-40
----------------------------------	--------

PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam volume [m³]	Beam length [m]	Beam width [m]	Beam height [m]	Beam depth [m]
0.5	1.70	121.0°	1.70	2.27	0.35	0.5	1.70	1.70	1.70
1.0	3.41	121.0°	3.41	9.08	1.41	1.0	3.41	3.41	3.41
1.5	5.11	121.0°	5.11	20.26	2.12	1.5	5.11	5.11	5.11
2.0	6.82	121.0°	6.82	36.44	2.83	2.0	6.82	6.82	6.82
2.5	8.52	121.0°	8.52	57.62	3.54	2.5	8.52	8.52	8.52
3.0	10.23	121.0°	10.23	83.80	4.25	3.0	10.23	10.23	10.23

START Surface IP44 DualTone
START Surface IP44 1025lm 830/840 DualTone
0043426



TECHNICAL DRAWINGS

