

Start Surface IP66 Ø350mm Sensor Dim
START SURFACE IP66 2500LM 840 MW SENS IK10 WHT
0049021



Product features

- Sensor Dim LED exterior surface mounted luminaire, 350mm diameter, 2500lm as max. lumen output, can be adjusted down to 1750lm by internal switch, 25W max. power consumption, 100lm/W efficacy, 4000K color temperature, CRI80, IP66, IK10, 50,000 hours (L70), whitehousing, vandal resistant. Integrated Microwave occupancy sensor with daylight harvest, dimming and corridor function, supplied with anti-theft screws



PRODUCT OVERVIEW

Product name	START SURFACE IP66 2500LM 840 MW SENS IK10 WHT
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
General application	Hospitality
E-number FI	4579496
Warranty	5 years
Fixture luminous flux (lm)	2500
Luminaire efficacy (lm/W)	100
LOR (%)	100
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral White
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	120
Glare control	< 26
Photobiological Risk Group	RG0
Total power consumption (W)	25
Electrical protection	Class II
Control gear type	LED driver constant current
Control gear mounting	Integrated
Dimmable	Yes
Dimming method	Other
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP66
IK rating	IK10
Product EAN number	5410288490212

DATA TABLE

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General data

Product name	START SURFACE IP66 2500LM 840 MW SENS IK10 WHT
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
General application	Hospitality
Operating temperature range (°C)	0°C...+25°C
Performance ambient temperature T _q (°C)	25
E-number FI	4579496
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2500
Luminaire efficacy (lm/W)	100
LOR (%)	100
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral White
Colour Variation Initial (SDCM)	SDCM6
Adjustable chromaticity	N
Beam Angle (°)	120
Glare control	< 26
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	70

Electrical data

Total power consumption (W)	25
Mains voltage (V)	220-240V
Lamp power factor	1
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Control gear mounting	Integrated
Dimmable	Yes
Dimming method	Other
Inrush Current (A)	49
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	41
Max. Luminaires per 13A C Breaker	53
Max. Luminaires per 10A B Breaker	20
Max. Luminaires per 16A B Breaker	39
Max. Luminaires per 20A B Breaker	48

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Lifetime data

Lifespan L70 B50	50000
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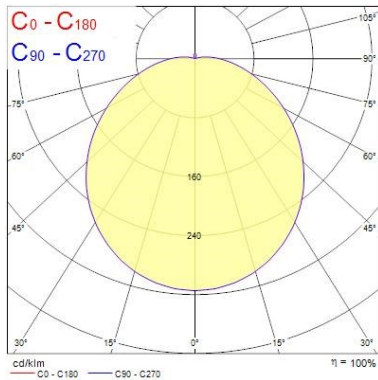
Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP66
IK rating	IK10
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Diameter (mm)	350
Weight (kg)	1.2

Packaging

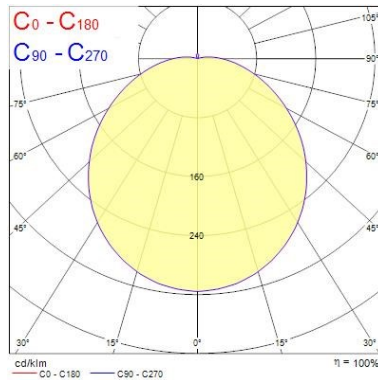
Single packaging type	Carton
Product EAN number	5410288490212
Packaging single length / height (cm)	40.0
Packaging single width (cm)	40.0
Packaging single depth (cm)	11.0
Units per outer package	1
Packaging outer width (cm)	40.0
Packaging outer depth (cm)	11.0

PHOTOMETRY



0.5	1.51	E(0°) E(C0)	2579 217
1.0	3.02	E(0°) E(C0)	646 54
1.5	4.53	E(0°) E(C0)	286 24
2.0	6.04	E(0°) E(C0)	161 14
2.5	7.55	E(0°) E(C0)	103 9
3.0	9.07	E(0°) E(C0)	72 6

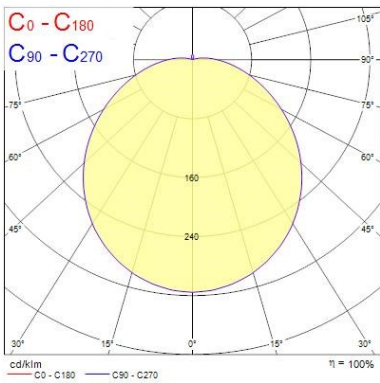
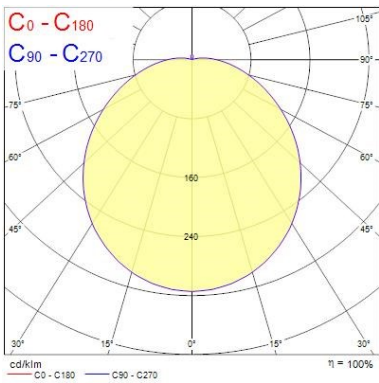
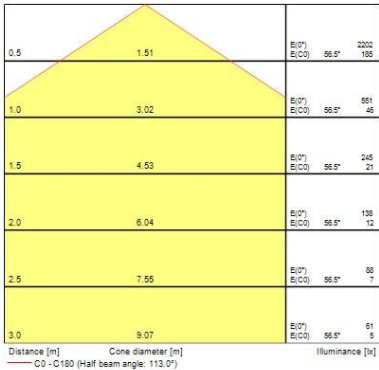
Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 113.0°)



0.5	1.51	E(0°) E(C0)	3029 257
1.0	3.01	E(0°) E(C0)	787 64
1.5	4.52	E(0°) E(C0)	337 29
2.0	6.02	E(0°) E(C0)	189 16
2.5	7.53	E(0°) E(C0)	121 10
3.0	9.03	E(0°) E(C0)	84 7

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 112.8°)

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TECHNICAL DRAWINGS

