

START SURFACE IP66 2500LM 840 MW SENS IK10 WHT
0049021



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

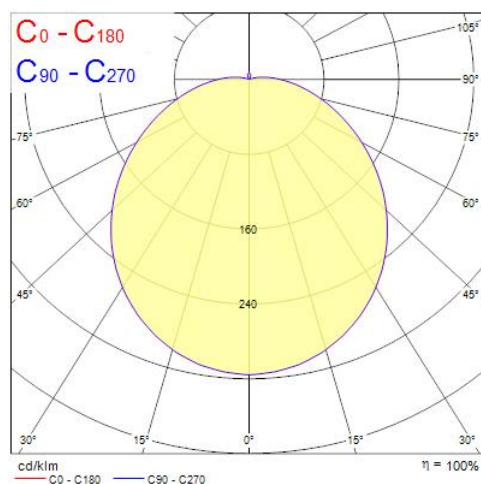
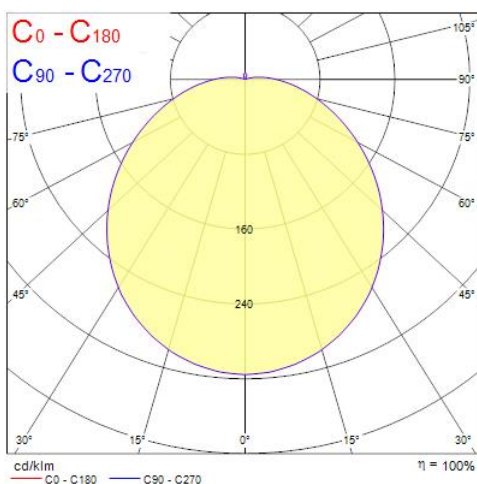
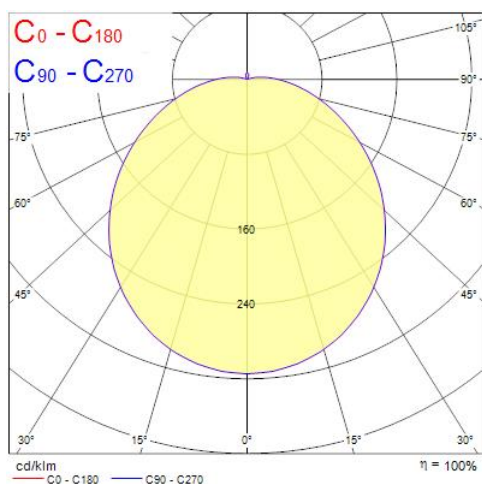
Product Overview

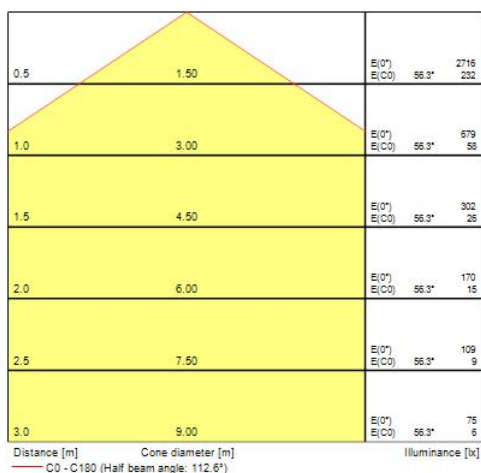
Product name	START SURFACE IP66 2500LM 840 MW SENS IK10 WHT
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
Environment	Indoor, Outdoor
General application	Hospitality
ETIM Class	EC002892
E-number FI	4579496
Fixture luminous flux (lm)	2500
Luminaire efficacy (lm/W)	100
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	120
Glare control	< 26
Photobiological Risk Group	RG0
Total power consumption (W)	25

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Electrical protection	Class II
Control gear type	LED driver constant current
Control gear mounting	Integrated
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9003
IP rating	IP66
IK rating	IK10
Product EAN number	5410288490212
Warranty	5 years
Dimming method	Other
Colour Code	840

Photometry





0.5	1.51	E(0°) E(C0)	55.5°	2578 217
1.0	3.02	E(0°) E(C0)	55.5°	645 54
1.5	4.53	E(0°) E(C0)	55.5°	286 24
2.0	6.04	E(0°) E(C0)	55.5°	161 14
2.5	7.55	E(0°) E(C0)	55.5°	103 9
3.0	9.07	E(0°) E(C0)	55.5°	72 6

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

— C0 - C180 (Half beam angle: 113.0°)

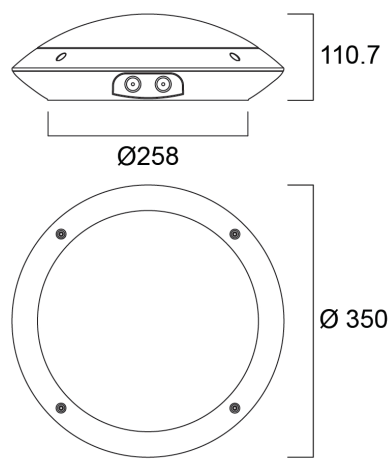
Distance [m]	Cone diameter [m]	E(0°) E(C0)	3029 257
0.5	1.51	56.4°	757 64
1.0	3.01	56.4°	337 29
1.5	4.52	56.4°	189 16
2.0	6.02	56.4°	121 10
2.5	7.53	56.4°	84 7
3.0	9.03	56.4°	

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

— C0 - C180 (Half beam angle: 112.8°)

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Technical drawings



Data table

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
Environment	Indoor, Outdoor
General application	Hospitality
Operating temperature range (°C)	0°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4579496
Warranty	5 years

OPTICAL DATA

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Fixture luminous flux (lm)	2500
Luminaire efficacy (lm/W)	100
LOR (%)	100
Correlated colour temperature (k)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
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
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
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
Drive current (mA)	700
Inrush Current (A)	49
Inrush Duration (µs)	31
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	41
Max. products per 13A C Breaker	53

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Max. products per 16A C Breaker	66
Max. products per 20A C Breaker	82
Max. products per 10A B Breaker	20
Max. products per 13A B Breaker	31
Max. products per 16A B Breaker	39
Max. products per 20A B Breaker	48
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	2.5

LIFETIME DATA

Lifespan L70 B50	50000
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PHYSICAL DATA

Housing colour	RAL9003
IP rating	IP66
IK rating	IK10
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Height (mm)	111
Nominal Product Diameter (mm)	350
Weight (kg)	1.2

PACKAGING

Product EAN number	5410288490212
Packaging single length / height (cm)	40.0
Packaging single width (cm)	40.0
Packaging single depth (cm)	11.0
DUN14 (inner)	05410288490212
Units per outer package	1
Packaging outer length / height (cm)	40.0
Packaging outer width (cm)	40.0
Packaging outer depth (cm)	11.0



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SAFETY DATA

Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No