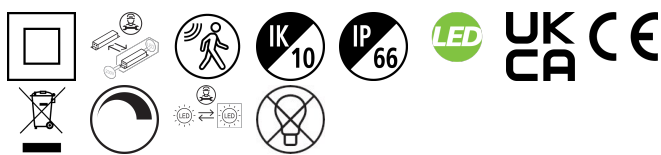


Start Surface IP66 Ø350mm Sensor Dim
START SURFACE IP66 2500LM 840 MW SENS IK10 WHT
0049021



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
Environment	Indoor, Outdoor
General application	Hospitality
ETIM Class	EC002892
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
CRI (Ra)	80
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

Start Surface IP66 Ø350mm Sensor Dim

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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

Fixture luminous flux (lm)	2500
Luminaire efficacy (lm/W)	100
LOR (%)	100
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
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
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

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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 16A C Breaker	66
Max. Luminaires per 20A C Breaker	82
Max. Luminaires per 10A B Breaker	20
Max. Luminaires per 13A B Breaker	31
Max. Luminaires per 16A B Breaker	39
Max. Luminaires per 20A B Breaker	48

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 Length (mm)	350
Nominal Product Width (mm)	350
Nominal Product Height (mm)	111
Nominal Product Diameter (mm)	350
Weight (kg)	1.2

Packaging

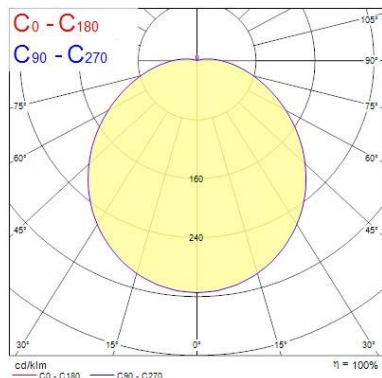
Single packaging type	Carton
Product EAN number	5410288490212
Packaging single length / height (cm)	40.0
Packaging single width (cm)	40.0
Packaging single depth (cm)	11.0
DUN14 (outer)	05410288490212
Units per outer package	1
Packaging outer length / height (cm)	40.0
Packaging outer width (cm)	40.0
Packaging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

Safety data

Optimal operating condition (°C)	0-25
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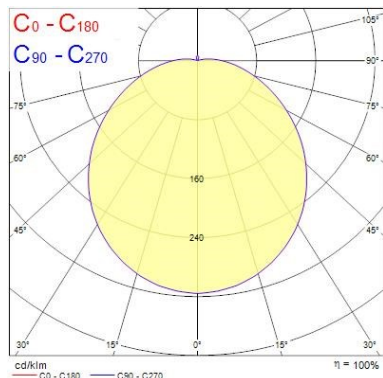
PHOTOMETRY

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



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C90)
0.5	1.51	2578 217	56.5°
1.0	3.02	646 54	56.5°
1.5	4.53	288 24	56.5°
2.0	6.04	161 14	56.5°
2.5	7.55	103 9	56.5°
3.0	9.07	72 6	56.5°

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



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C90)
0.5	1.51	3029 257	56.4°
1.0	3.01	767 54	56.4°
1.5	4.52	337 29	56.4°
2.0	6.02	189 16	56.4°
2.5	7.53	121 10	56.4°
3.0	9.03	64 7	56.4°

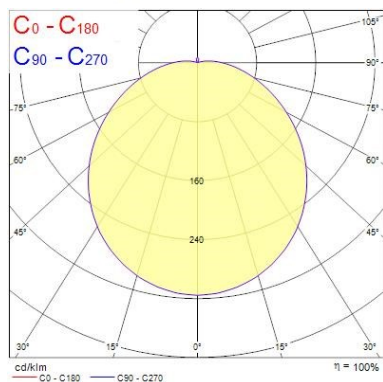
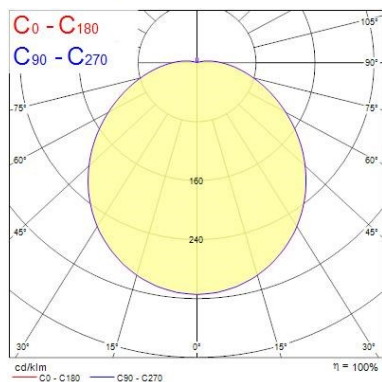
Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 112.8°)

Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C90)
0.5	1.51	2202 185	56.5°
1.0	3.02	551 46	56.5°
1.5	4.53	248 21	56.5°
2.0	6.04	136 12	56.5°
2.5	7.55	88 7	56.5°
3.0	9.07	61 5	56.5°

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

Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C90)
0.5	1.50	2716 232	56.3°
1.0	3.00	679 50	56.3°
1.5	4.50	302 25	56.3°
2.0	6.00	170 16	56.3°
2.5	7.50	109 9	56.3°
3.0	9.00	73 8	56.3°

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 112.6°)



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TECHNICAL DRAWINGS

