

Start Surface IP66 Ø350mm Sensor Dim

START SURFACE IP66 2400LM 830 MW SENS IK10 WHT
0049020



Product features

- Sensor Dim LED exterior surface mounted luminaire, 350mm diameter, 2400lm as max. lumen output, can be adjusted down to 1650lm by internal switch, 25W max. power consumption, 96lm/W efficacy, 3000K color temperature, CRI80, IP66, IK10, 50,000 hours (L70), white housing, vandal resistant. Integrated Microwave occupancy sensor with daylight harvest, dimming and corridor function



PRODUCT OVERVIEW

Product name	START SURFACE IP66 2400LM 830 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	4579495
Warranty	5 years
Fixture luminous flux (lm)	2400
Luminaire efficacy (lm/W)	96
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm 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
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP66
IK rating	IK10
Product EAN number	5410288490205
Dimming method	Other

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DATA TABLE

General data

Product name	START SURFACE IP66 2400LM 830 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	4579495
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2400
Luminaire efficacy (lm/W)	96
LOR (%)	100
Colour temperature (K)	3000
Colour Code	830
Light colour	Warm 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
Drive current (mA)	700
Inrush Current (A)	49
Inrush Duration (µs)	31
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)

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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

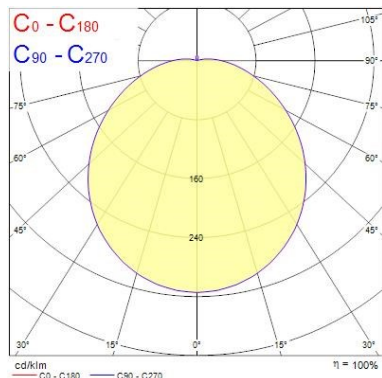
Single packaging type	Carton
Product EAN number	5410288490205
Packaging single length / height (cm)	40.0
Packaging single width (cm)	40.0
Packaging single depth (cm)	11.0
DUN14 (outer)	05410288490205
Units per outer package	1
Packaging outer length / height (cm)	40.0
Packaging outer width (cm)	40.0
Packaging outer depth (cm)	11.0

Safety data

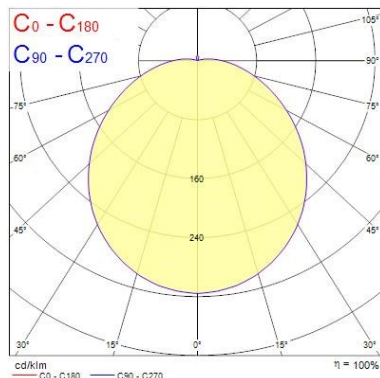
Optimal operating condition (°C)	0-25
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PHOTOMETRY

Start Surface IP66 Ø350mm Sensor Dim START SURFACE IP66 2400LM 830 MW SENS IK10 WHT 0049020

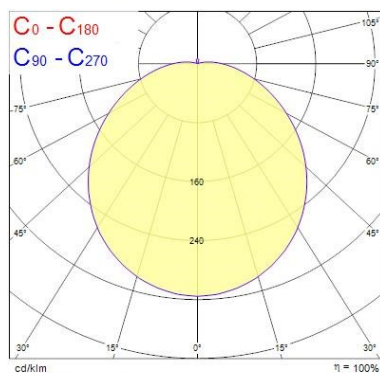


0.5	1.51	E(0°) E(C0)	2078 175
1.0	3.02	E(0°) E(C0)	519 44
1.5	4.53	E(0°) E(C0)	231 19
2.0	6.04	E(0°) E(C0)	130 11
2.5	7.55	E(0°) E(C0)	83 7
3.0	9.07	E(0°) E(C0)	56 5
Distance [m]		Cone diameter [m]	Illuminance [lx]
C0 - C180 (Half beam angle: 113.0°)			

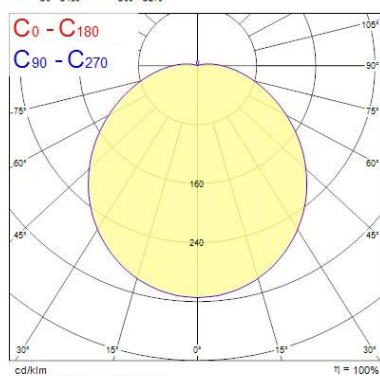


0.5	1.51	E(0°) E(C0)	2482 206
1.0	3.02	E(0°) E(C0)	613 52
1.5	4.53	E(0°) E(C0)	272 23
2.0	6.04	E(0°) E(C0)	163 13
2.5	7.55	E(0°) E(C0)	96 8
3.0	9.07	E(0°) E(C0)	68 6
Distance [m]		Cone diameter [m]	Illuminance [lx]
C0 - C180 (Half beam angle: 113.0°)			

0.5	1.50	E(0°) E(C0)	2590 222
1.0	3.00	E(0°) E(C0)	647 55
1.5	4.50	E(0°) E(C0)	288 25
2.0	6.00	E(0°) E(C0)	162 14
2.5	7.50	E(0°) E(C0)	104 9
3.0	9.00	E(0°) E(C0)	72 6
Distance [m]		Cone diameter [m]	Illuminance [lx]
C0 - C180 (Half beam angle: 112.6°)			



0.5	1.51	E(0°) E(C0)	2903 246
1.0	3.01	E(0°) E(C0)	728 62
1.5	4.52	E(0°) E(C0)	323 27
2.0	6.02	E(0°) E(C0)	181 15
2.5	7.53	E(0°) E(C0)	116 10
3.0	9.03	E(0°) E(C0)	81 7
Distance [m]		Cone diameter [m]	Illuminance [lx]
C0 - C180 (Half beam angle: 112.8°)			



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TECHNICAL DRAWINGS

