

START SURFACE IP66 1500LM 840 EM3 IK10 WHT
0049009



Features

- LED exterior surface mounted luminaire, 350mm diameter, 1500lm as max. lumen output, 14W max. power consumption, 107lm/W efficacy, 4000K color temperature, CRI80, IP66, IK10, 50,000 hours (L70), whitehousing, vandal resistant. Integrated emergency, 3 hours, supplied with anti-theft screws

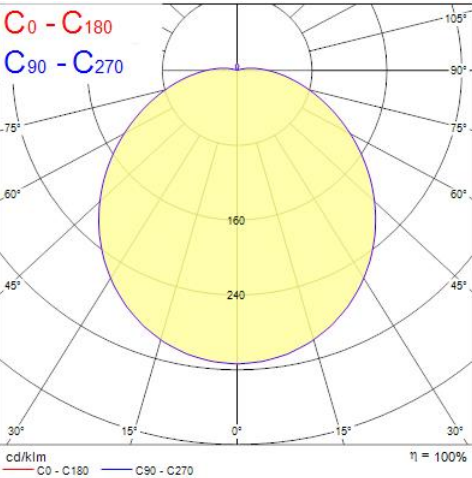
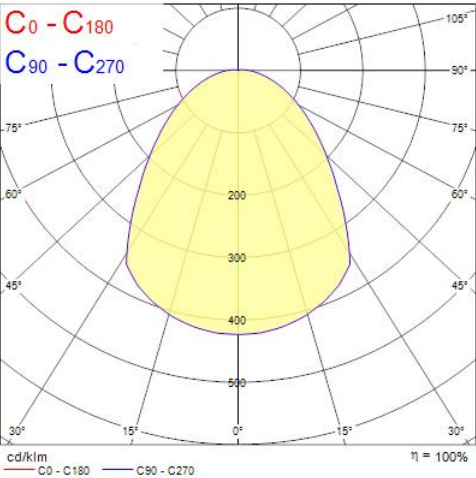
Product Overview

Product name	START SURFACE IP66 1500LM 840 EM3 IK10 WHT
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
Environment	Indoor, Outdoor
Fixture luminous flux (lm)	1500
Luminaire efficacy (lm/W)	88
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Glare control	< 25
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	124
Total power consumption (W)	17
Electrical protection	Class II
Control gear type	LED driver constant current
Control gear mounting	Integrated
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9003

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IP rating	IP66
IK rating	IK10
Product EAN number	5410288490090
Warranty	5 years
Colour Code	840

Photometry



0.5	0.97	E(0°) E(C0)	44.1°	210 39
1.0	1.94	E(0°) E(C0)	44.1°	53 10
1.5	2.91	E(0°) E(C0)	44.1°	23 4
2.0	3.88	E(0°) E(C0)	44.1°	13 2
2.5	4.85	E(0°) E(C0)	44.1°	8 2
3.0	5.81	E(0°) E(C0)	44.1°	6 1

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

C0 - C180 (Half beam angle: 88.2°)

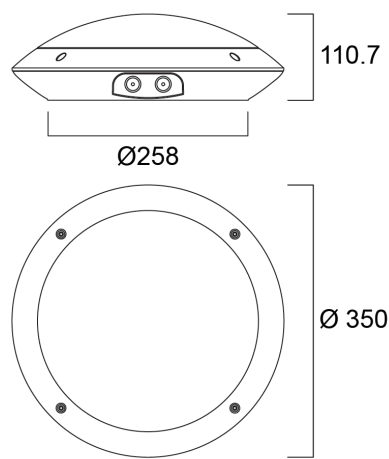
0.5	1.52	E(0°) E(C0)	56.7°	1945 151
1.0	3.04	E(0°) E(C0)	56.7°	486 40
1.5	4.57	E(0°) E(C0)	56.7°	216 18
2.0	6.09	E(0°) E(C0)	56.7°	122 10
2.5	7.61	E(0°) E(C0)	56.7°	78 6
3.0	9.13	E(0°) E(C0)	56.7°	54 4

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

C0 - C180 (Half beam angle: 113.4°)

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Technical drawings



Data table

GENERAL DATA

Product name	START SURFACE IP66 1500LM 840 EM3 IK10 WHT
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
Environment	Indoor, Outdoor
Operating temperature range (°C)	0°C...+25°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	1500
Luminaire efficacy (lm/W)	88
LOR (%)	100

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Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Adjustable chromaticity	N
Glare control	< 25
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	70
Luminous flux (emergency) (lm)	124
Emergency duration (h)	3

ELECTRICAL DATA

Total power consumption (W)	17
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.98
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Control gear mounting	Integrated
Drive current (mA)	350
Inrush Current (A)	5
Inrush Duration (µs)	100
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	90
Max. products per 20A B Breaker	144
Connectable conductor cross section - Min (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	2.5



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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 Diameter (mm)	350
Weight (kg)	1.4

PACKAGING

Single packaging type	Carton
Product EAN number	5410288490090
Packaging single width (cm)	40.0
Packaging single depth (cm)	11.0
DUN14 (outer)	05410288490090
Packaging outer length / height (cm)	40.0

SAFETY DATA

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