

Start Surface IP66 Ø350mm New

START Surface IP66 900-2950LM 840 IK10 BLK
0049295



Product features

- LED exterior surface mounted luminaire, 350mm diameter, 2950lm as max. lumen output, can be adjusted down to 900lm by internal switch, max 24W power consumption, max 133lm/W efficacy, 4000K color temperature, CRI80, non-dimmable, IP66, IK10, 100,000 hours (L70B50) Lifespan, black housing, vandal resistant, supplied with anti-theft screws



PRODUCT OVERVIEW

Product name	START Surface IP66 900-2950LM 840 IK10 BLK
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Wall surface mounted
Environment	Indoor, Outdoor
General application	Hospitality
ETIM Class	EC002892
E-number FI	4579596
Warranty	5 years
Fixture luminous flux (lm)	2950
Luminaire efficacy (lm/W)	123
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Photobiological Risk Group	RG0
Total power consumption (W)	24
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Housing colour	RAL 9011 - Graphite black
IP rating	IP66
IK rating	IK10
Product EAN number	5410288492957

DATA TABLE

General data

Product name	START Surface IP66 900-2950LM 840 IK10 BLK
Technology	LED
Cap/Base	N/A

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Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Wall surface mounted
Environment	Indoor, Outdoor
General application	Hospitality
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4579596
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2950
Luminaire efficacy (lm/W)	123
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Distribution type	Diffuse, Symmetric
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	24
Mains voltage (V)	220-240V
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	15
Electrical protection	Class II
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>50000
Dimmable	No
Dimming method	N/A
Inrush Current (A)	10
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	38
Max. Luminaires per 13A C Breaker	47
Max. Luminaires per 16A C Breaker	57
Max. Luminaires per 20A C Breaker	66
Max. Luminaires per 10A B Breaker	30
Max. Luminaires per 13A B Breaker	38
Max. Luminaires per 16A B Breaker	45

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B50	100000
Lifespan L90 B50	71000

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Physical data

Housing colour	RAL 9011 - Graphite black
IP rating	IP66
IK rating	IK10
Diffuser finish	Diffuse
Diffuser material	PC Polycarbonate
Nominal Product Height (mm)	111
Nominal Product Diameter (mm)	350
Weight (kg)	1.25

Packaging

Single packaging type	Carton
Product EAN number	5410288492957
Packaging single length / height (cm)	35.0
Packaging single width (cm)	35.0
Packaging single depth (cm)	11.1
DUN14 (outer)	15410288492954
Units per outer package	8
Packaging outer length / height (cm)	72.0
Packaging outer width (cm)	37.0
Packaging outer depth (cm)	49.0

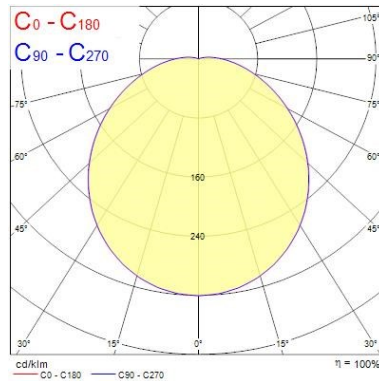
Safety data

Optimal operating condition (°C)	-20-40
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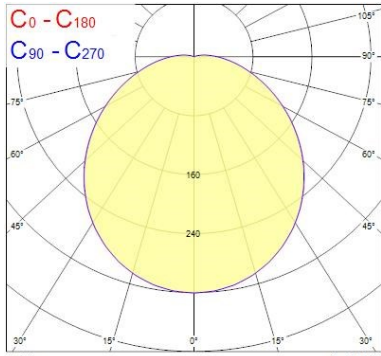
PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.48 1.49	1968	55.9° 172	56.1° 170	
1.0	2.95 2.98	489	55.9° 43	56.1° 42	
1.5	4.43 4.46	217	55.9° 19	56.1° 18	
2.0	5.91 5.95	122	55.9° 11	56.1° 11	
2.5	7.38 7.44	78	55.9° 7	56.1° 7	
3.0	8.86 8.93	54	55.9° 5	56.1° 5	

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 112.2°)
 — C90 - C270 (Half beam angle: 111.8°)



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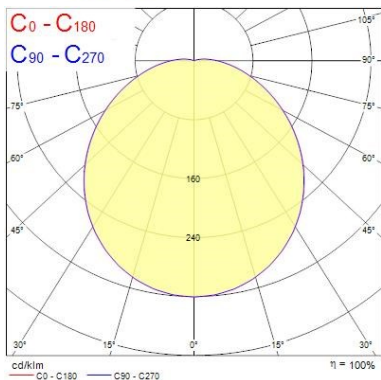


Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C270)	Illuminance [lx]
0.5	1.48 1.49	2340 209	55.9° 56.1°	209 203	
1.0	2.95 2.98	585 51	55.9° 56.1°	51 51	
1.5	4.43 4.46	260 23	55.9° 56.1°	23 23	
2.0	5.91 5.95	146 13	55.9° 56.1°	13 13	
2.5	7.38 7.44	94 8	55.9° 56.1°	8 8	
3.0	8.86 8.93	66 6	55.9° 56.1°	6 6	

Distance [m] Cone diameter [m] Illuminance [lx]
 --- C0 - C180 (Half beam angle: 112.2°)
 --- C90 - C270 (Half beam angle: 111.8°)

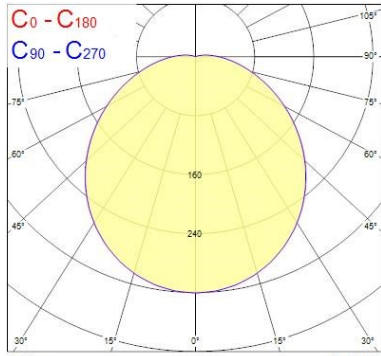
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C270)	Illuminance [lx]
0.5	1.48 1.49	3782 328	55.9° 56.1°	328 328	
1.0	2.95 2.98	945 82	55.9° 56.1°	82 82	
1.5	4.43 4.46	420 31	55.9° 56.1°	31 31	
2.0	5.91 5.95	236 21	55.9° 56.1°	21 21	
2.5	7.38 7.44	151 13	55.9° 56.1°	13 13	
3.0	8.86 8.93	102 9	55.9° 56.1°	9 9	

Distance [m] Cone diameter [m] Illuminance [lx]
 --- C0 - C180 (Half beam angle: 112.2°)
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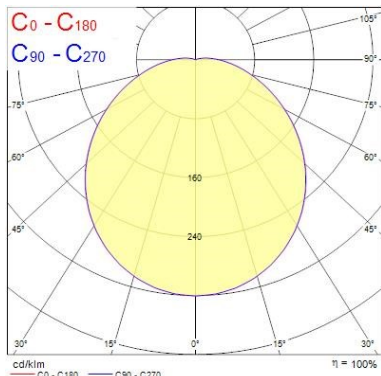
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C270)	Illuminance [lx]
0.5	1.48 1.49	2690 237	55.9° 56.1°	237 234	
1.0	2.95 2.98	673 58	55.9° 56.1°	58 58	
1.5	4.43 4.46	299 26	55.9° 56.1°	26 26	
2.0	5.91 5.95	186 16	55.9° 56.1°	16 15	
2.5	7.38 7.44	108 9	55.9° 56.1°	9 9	
3.0	8.86 8.93	75 7	55.9° 56.1°	7 6	

Distance [m] Cone diameter [m] Illuminance [lx]
 --- C0 - C180 (Half beam angle: 112.2°)
 --- C90 - C270 (Half beam angle: 111.8°)



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C270)	Illuminance [lx]
0.5	1.48 1.49	3077 271	55.9° 56.1°	271 267	
1.0	2.95 2.98	769 66	55.9° 56.1°	66 67	
1.5	4.43 4.46	342 30	55.9° 56.1°	30 30	
2.0	5.91 5.95	192 17	55.9° 56.1°	17 17	
2.5	7.38 7.44	133 11	55.9° 56.1°	11 11	
3.0	8.86 8.93	95 8	55.9° 56.1°	8 7	

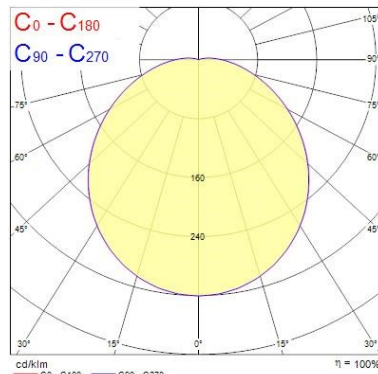
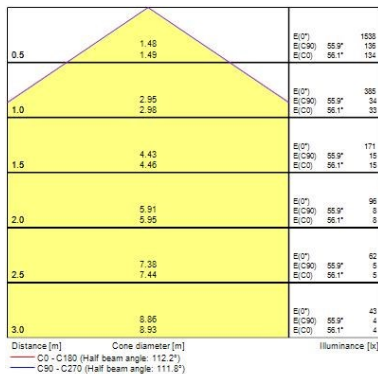
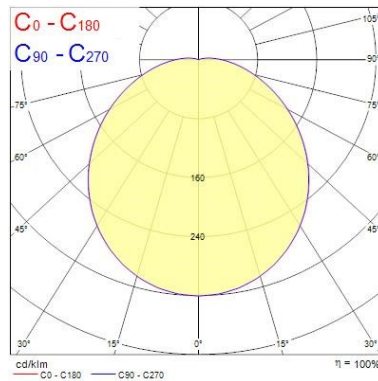
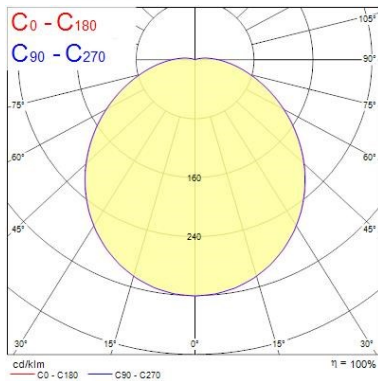
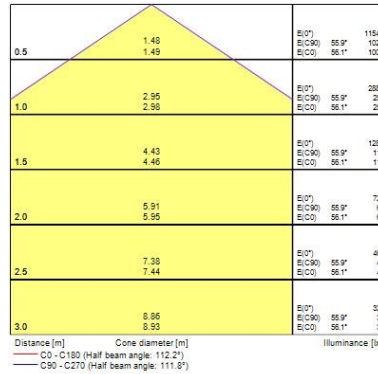
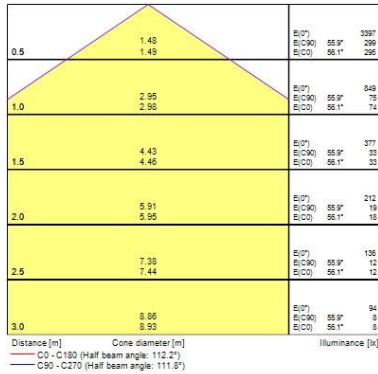
Distance [m] Cone diameter [m] Illuminance [lx]
 --- C0 - C180 (Half beam angle: 112.2°)
 --- C90 - C270 (Half beam angle: 111.8°)



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C270)	Illuminance [lx]
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1.0	2.95 2.98	673 58	55.9° 56.1°	58 58	
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3.0	8.86 8.93	75 7	55.9° 56.1°	7 6	

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

