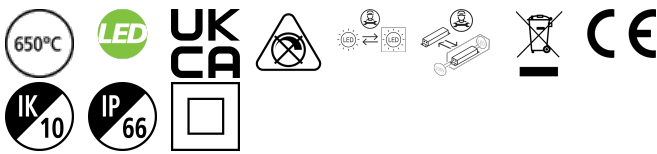


Start Surface IP66 Ø350mm START SURFACE IP66 2500LM 840 IK10 BLK 0049019



Product features

- LED exterior surface mounted luminaire, 350mm diameter, 2500lm as max. lumen output, can be adjusted down to 1800lm by internal switch, 24W power consumption, 104lm/W efficacy, 4000K color temperature, CRI80, non-dimmable, IP66, IK10, 50,000 hours (L70), black housing, vandal resistant



PRODUCT OVERVIEW

Product name	START SURFACE IP66 2500LM 840 IK10 BLK
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
Environment	Indoor, Outdoor
General application	Hospitality
ETIM Class	EC002892
E-number FI	4579485
Warranty	5 years
Fixture luminous flux (lm)	2500
Luminaire efficacy (lm/W)	104
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	120
Photobiological Risk Group	RG0
Total power consumption (W)	24
Electrical protection	Class II
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9011 - Graphite black
IP rating	IP66
IK rating	IK10
Product EAN number	5410288490199

DATA TABLE

General data

Product name	START SURFACE IP66 2500LM 840 IK10 BLK
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling surface mounting

Start Surface IP66 Ø350mm

START SURFACE IP66 2500LM 840 IK10 BLK

0049019

Environment	Indoor, Outdoor
General application	Hospitality
Operating temperature range (°C)	-20°C - 45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4579485
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2500
Luminaire efficacy (lm/W)	104
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	120
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	24
Mains voltage (V)	220-240V~
Lamp power factor	0.9
Electrical protection	Class II
Dimmable	No
Drive current (mA)	750
Inrush Current (A)	15
Inrush Duration (µs)	200
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	20
Max. Luminaires per 13A C Breaker	26
Max. Luminaires per 16A C Breaker	32
Max. Luminaires per 20A C Breaker	40

Lifetime data

Lifespan L70 B50	50000
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Physical data

Housing colour	RAL 9011 - Graphite black
IP rating	IP66
IK rating	IK10
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	350
Nominal Product Width (mm)	350

Start Surface IP66 Ø350mm START SURFACE IP66 2500LM 840 IK10 BLK 0049019

Nominal Product Height (mm)	111
Nominal Product Diameter (mm)	350
Weight (kg)	1.25

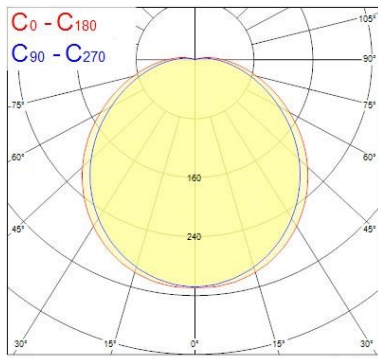
Packaging

Single packaging type	Carton
Product EAN number	5410288490199
Packaging single length / height (cm)	35.0
Packaging single width (cm)	35.0
Packaging single depth (cm)	11.1
DUN14 (outer)	15410288490196
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

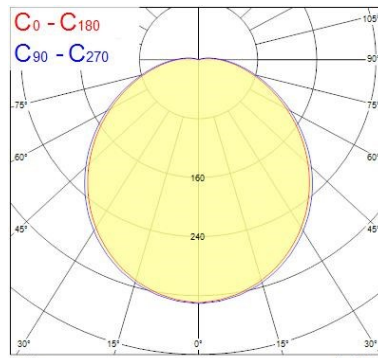
Optimal operating condition (°C)	-20-45
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C180)	E(C0)	E(C90)	E(C180)	E(C270)
0.5	1.45 1.67	2205	65.5°	200	65.5°	200	65.5°	150
1.0	2.91 3.34	551	65.5°	50	65.5°	50	65.5°	37
1.5	4.37 5.01	245	65.5°	22	65.5°	22	65.5°	17
2.0	5.82 6.68	133	65.5°	13	65.5°	13	65.5°	9
2.5	7.28 8.35	86	65.5°	8	65.5°	8	65.5°	6
3.0	8.73 10.03	61	65.5°	6	65.5°	6	65.5°	4

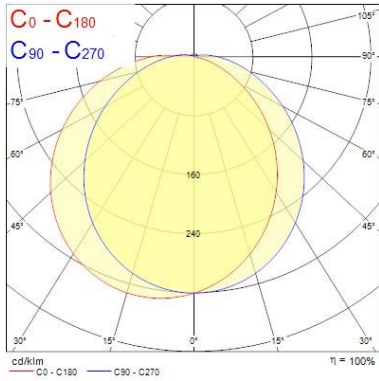
Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 115.2°)
 C90 - C270 (Half beam angle: 111.0°)



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C180)	E(C0)	E(C90)	E(C180)	E(C270)
0.5	1.48 1.42	3335	66.0°	290	66.0°	290	66.0°	200
1.0	2.97 2.84	834	66.0°	73	66.0°	73	66.0°	50
1.5	4.45 4.25	371	66.0°	33	66.0°	33	66.0°	20
2.0	5.93 5.67	208	66.0°	18	66.0°	18	66.0°	12
2.5	7.41 7.09	133	66.0°	12	66.0°	12	66.0°	8
3.0	8.90 8.51	98	66.0°	8	66.0°	8	66.0°	5

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 108.6°)
 C90 - C270 (Half beam angle: 112.0°)

Start Surface IP66 Ø350mm START SURFACE IP66 2500LM 840 IK10 BLK 0049019



TECHNICAL DRAWINGS

