

## Start Surface IP66 Ø350mm START SURFACE IP66 2400LM 830 IK10 WHT 0049016



### Product features

- LED exterior surface mounted luminaire, 350mm diameter, 2400lm as max. lumen output, can be adjusted down to 1700lm by internal switch, 24W power consumption, 100lm/W efficacy, 3000K color temperature, CRI80, non-dimmable, IP66, IK10, 50,000 hours (L70), white housing, vandal resistant



### PRODUCT OVERVIEW

Product name	START SURFACE IP66 2400LM 830 IK10 WHT
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
Environment	Indoor, Outdoor
General application	Hospitality
ETIM Class	EC002892
E-number FI	4579482
Warranty	5 years
Fixture luminous flux (lm)	2400
Luminaire efficacy (lm/W)	100
Colour temperature (K)	3000
Light colour	Warm 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 9003 - Signal white
IP rating	IP66
IK rating	IK10
Product EAN number	5410288490168

### DATA TABLE

#### General data

Product name	START SURFACE IP66 2400LM 830 IK10 WHT
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling surface mounting

## Start Surface IP66 Ø350mm START SURFACE IP66 2400LM 830 IK10 WHT 0049016

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	4579482
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	2400
Luminaire efficacy (lm/W)	100
Colour temperature (K)	3000
Colour Code	830
Light colour	Warm 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	E
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
------------------	-------

### 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

## Start Surface IP66 Ø350mm START SURFACE IP66 2400LM 830 IK10 WHT 0049016

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

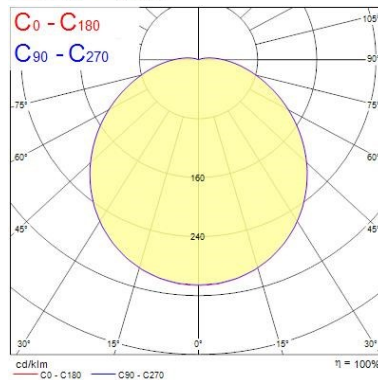
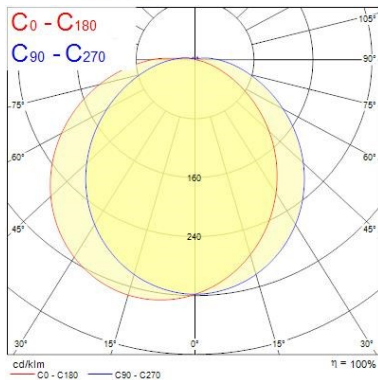
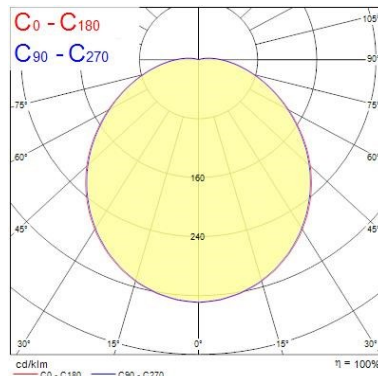
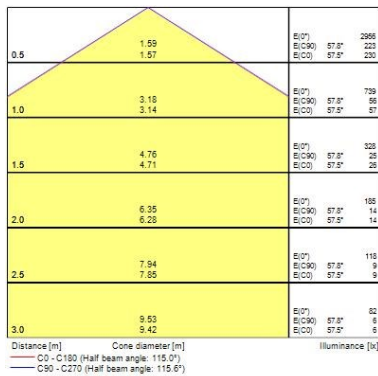
### Packaging

Single packaging type	Carton
Product EAN number	5410288490168
Packaging single length / height (cm)	35.0
Packaging single width (cm)	35.0
Packaging single depth (cm)	11.1
DUN14 (outer)	15410288490165
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
----------------------------------	--------

## PHOTOMETRY



## Start Surface IP66 Ø350mm *START SURFACE IP66 2400LM 830 IK10 WHT* 0049016

0.5	1.44 1.46	E(0°) E(C90) E(C2)	2334 208 202
1.0	2.88 2.92	E(0°) E(C90) E(C2)	558 52 52
1.5	4.32 4.38	E(0°) E(C90) E(C2)	248 23 22
2.0	5.76 5.84	E(0°) E(C90) E(C2)	140 13 13
2.5	7.19 7.30	E(0°) E(C90) E(C2)	89 8 8
3.0	8.63 8.76	E(0°) E(C90) E(C2)	62 6 6

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

— C0 - C180 (Half beam angle: 111.2°)  
 — C90 - C270 (Half beam angle: 110.4°)

## TECHNICAL DRAWINGS

