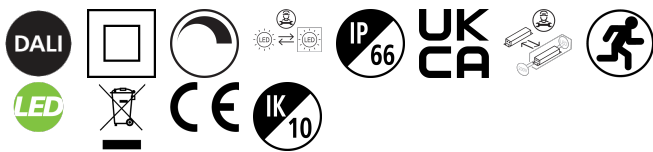


Start Surface IP66 Ø350mm DALI
START SURFACE IP66 1450LM 830 IK10 DALI EM3 WHT
0049249



Product features

- LED exterior surface mounted luminaire, 350mm diameter, 1450lm as max. lumen output, 15W max. power consumption, 97lm/W efficacy, 3000K color temperature, CRI80, IP66, IK10, 60,000 hours (L70), white housing, vandal resistant. DALI and DALI 2 dimming compatibility. Integrated emergency, 3 hours, supplied with anti-theft screws



PRODUCT OVERVIEW

Product name	START SURFACE IP66 1450LM 830 IK10 DALI EM3 WHT
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
Environment	Indoor, Outdoor
General application	Hospitality
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	1450
Luminaire efficacy (lm/W)	107
LOR (%)	100
Colour temperature (K)	3000
Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	120
Glare control	< 25
Photobiological Risk Group	RG0
Total power consumption (W)	14
Electrical protection	Class II
Control gear type	LED driver constant current
Control gear mounting	Integrated
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP66
IK rating	IK10
Product EAN number	5410288492490

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0049249

DATA TABLE

General data

Product name	START SURFACE IP66 1450LM 830 IK10 DALI EM3 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
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1450
Luminaire efficacy (lm/W)	107
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	< 25
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	70
Emergency duration (h)	3

Electrical data

Total power consumption (W)	14
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
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	350
Inrush Current (A)	5
Inrush Duration (µs)	50
Energy Efficiency Class (A->G) of contained light source	D

Start Surface IP66 Ø350mm DALI

START SURFACE IP66 1450LM 830 IK10 DALI EM3 WHT

0049249

Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	52
Max. Luminaires per 13A C Breaker	68
Max. Luminaires per 16A C Breaker	85
Max. Luminaires per 20A C Breaker	104
Max. Luminaires per 10A B Breaker	31
Max. Luminaires per 13A B Breaker	40
Max. Luminaires per 16A B Breaker	50
Max. Luminaires per 20A B Breaker	62

Lifetime data

Lifespan L70 B50	60000
Lifespan L70 B10	60000
Lifespan L80 B50	60000
Lifespan L80 B10	60000
Lifespan L90 B50	42000
Lifespan L90 B10	35000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP66
IK rating	IK10
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Height (mm)	111
Nominal Product Diameter (mm)	350
Weight (kg)	1.1

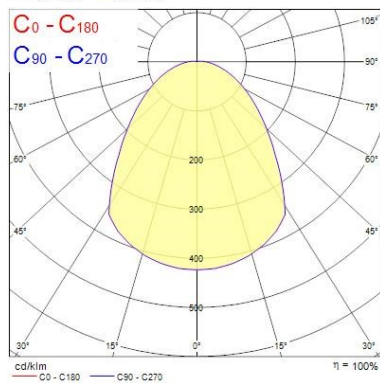
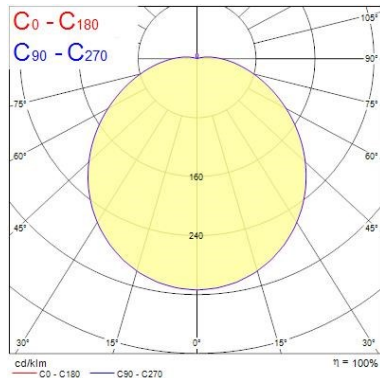
Packaging

Single packaging type	Carton
Product EAN number	5410288492490
Packaging single length / height (cm)	40.0
Packaging single width (cm)	40.0
Packaging single depth (cm)	11.0
DUN14 (outer)	05410288492490
Units per outer package	1
Packaging outer length / height (cm)	40.0
Packaging outer width (cm)	40.0
Packaging outer depth (cm)	11.0

PHOTOMETRY

Start Surface IP66 Ø350mm DALI

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0049249



Distance [m]	Cone diameter [m]	$S(0^\circ)$ E(CO)	$S(45^\circ)$ E(CO)	$S(90^\circ)$ E(CO)	illumination [lx]
0.5	0.97		64.1*	210	3
1.0	1.94		64.1*	8	1
1.5	2.91		64.1*	2	0.3
2.0	3.88		64.1*	1	0.1
2.5	4.85		64.1*	0.5	0.05
3.0	5.81		64.1*	0.3	0.03

Distance [m]	Cone diameter [m]	$S(D)$ S(CO)	$S(D)$ S(CO)	Illuminance [lx]
0.5	1.52	56.7°	150°	156
1.0	3.04	56.7°	47°	39
1.5	4.57	56.7°	20°	17
2.0	6.09	56.7°	11°	11
2.5	7.61	56.7°	7°	7
3.0	9.13	56.7°	5°	5

TECHNICAL DRAWINGS

