

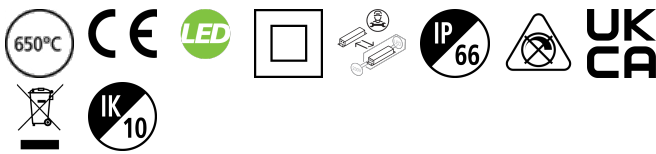
Start Surface IP66 Ø350mm New

START Surface IP66 860-2800LM 830 IK10 BLK
0049294



Product features

- LED exterior surface mounted luminaire, 350mm diameter, 2800lm as max. lumen output, can be adjusted down to 860lm by internal switch, max 24W power consumption, max 128lm/W efficacy, 3000K 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 860-2800LM 830 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	4579595
Warranty	5 years
Fixture luminous flux (lm)	2800
Luminaire efficacy (lm/W)	118
Colour temperature (K)	3000
Light colour	Warm 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	5410288492940

DATA TABLE

General data

Product name	START Surface IP66 860-2800LM 830 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	4579595
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2800
Luminaire efficacy (lm/W)	118
Colour temperature (K)	3000
Light colour	Warm 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

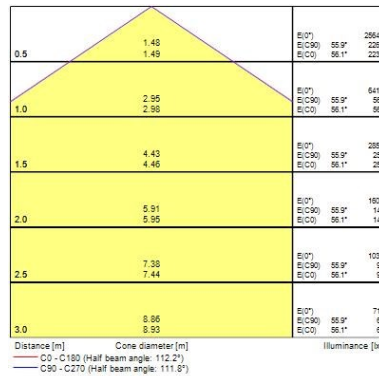
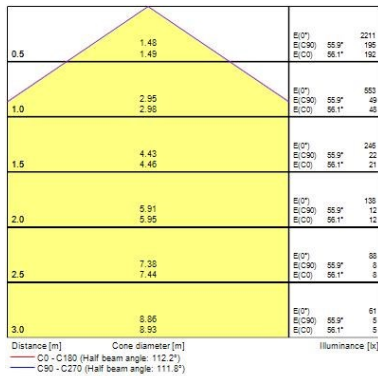
Packaging

Single packaging type	Carton
Product EAN number	5410288492940
Packaging single length / height (cm)	35.0
Packaging single width (cm)	35.0
Packaging single depth (cm)	11.1
DUN14 (outer)	15410288492947
Units per outer package	8
Packaging outer length / height (cm)	72.0
Packaging outer width (cm)	37.0
Packaging outer depth (cm)	49.0

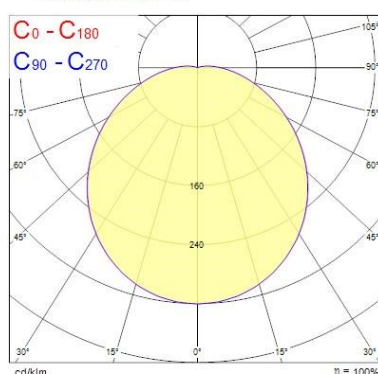
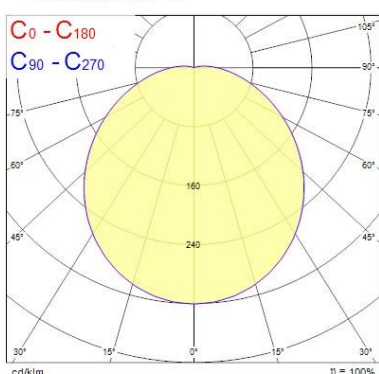
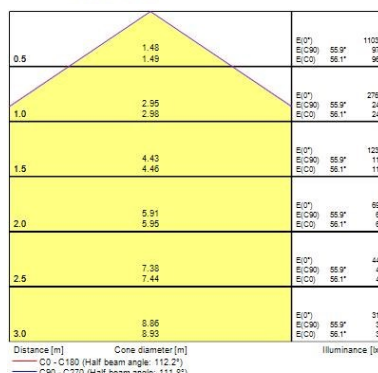
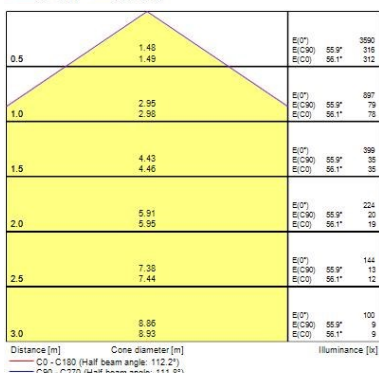
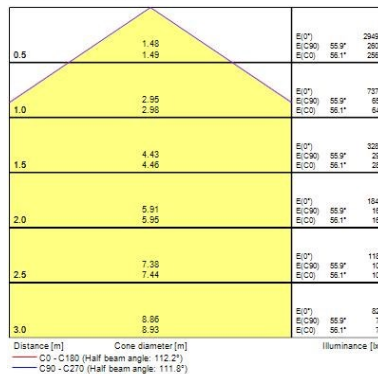
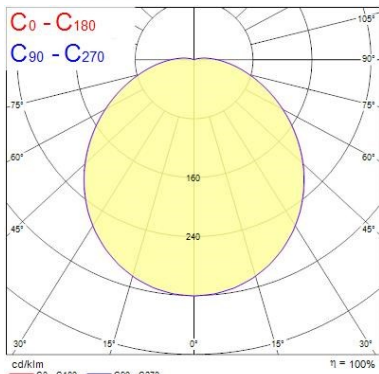
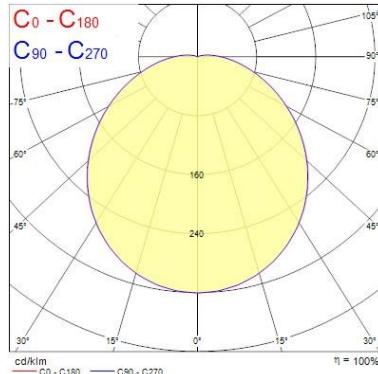
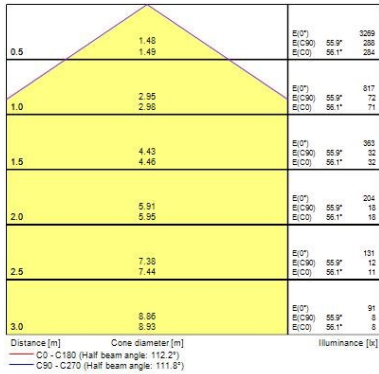
Safety data

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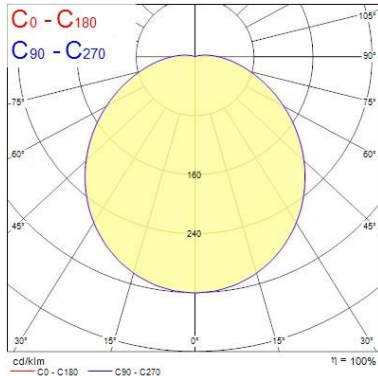
PHOTOMETRY



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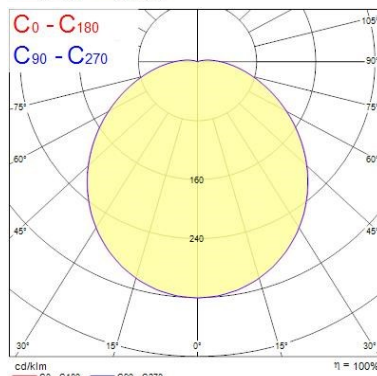
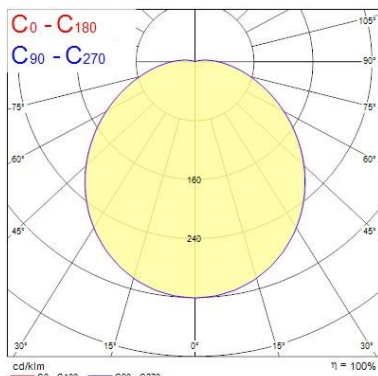
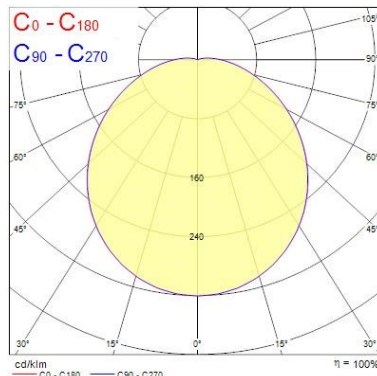


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Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.48	1859	55.9°	154	151
	1.49		56.1°		
1.0	2.95	465	55.9°	41	42
	2.98		56.1°		
1.5	4.43	207	55.9°	13	13
	4.46		56.1°		
2.0	5.91	116	55.9°	10	10
	5.95		56.1°		
2.5	7.38	74	55.9°	7	7
	7.44		56.1°		
3.0	8.85	52	55.9°	4	4
	8.93		56.1°		

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.48	1474	55.9°	130	128
	1.49		56.1°		
1.0	2.95	369	55.9°	32	32
	2.98		56.1°		
1.5	4.43	164	55.9°	14	14
	4.46		56.1°		
2.0	5.91	92	55.9°	8	8
	5.95		56.1°		
2.5	7.38	59	55.9°	5	5
	7.44		56.1°		
3.0	8.85	41	55.9°	4	4
	8.93		56.1°		



TECHNICAL DRAWINGS

