

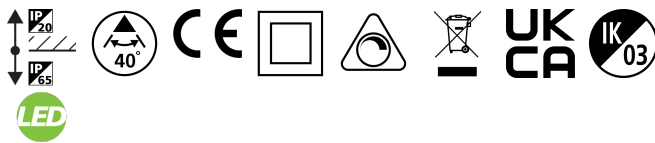
Start eco Spot Aluminium IP65

START ECO SPOT ALUMINIUM 660LM 830 IP65 BRA
0005176



Product features

- Integrated LED recessed spotlight, vertical tilt 30°, brushed aluminium bezel finish, black reflector, 660lm, 9.0W, dimmable trailing/leading edge, 3000K, 40° degree beam angle, polycarbonate and aluminium body, low profile 62mm recessed depth, IP65 from the front, IK03, loop-in/loop-out terminals for fast wiring, weight 0,165Kg, 85mm bezel diameter, 68-72mm cutout, clear lens. Lifetime: 30.000 hours at L70. Energy Class: A++, A+, A.



PRODUCT OVERVIEW

IPC Code	0005176
Product name	START ECO SPOT ALUMINIUM 660LM 830 IP65 BRA
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Residential & Consumer
ETIM Class	EC001744
Fixture luminous flux (lm)	660
Luminaire efficacy (lm/W)	73
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	40
Photobiological Risk Group	RG1
Total power consumption (W)	9
Electrical protection	Class II
Dimmable	Yes
Minimum dimming level (%)	10
LED Flickering Rate	Low (6% - 20%)
Average life (Nominal) (h)	30000
Housing colour	Aluminium
IP rating	IP65/20
IK rating	IK03
Product EAN number	5410288051765

DATA TABLE

General data

IPC Code	0005176
Product name	START ECO SPOT ALUMINIUM 660LM 830 IP65 BRA
Technology	LED
Housing	Aluminium

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Mount	Ceiling recessed mounting
General application	Residential & Consumer
Operating temperature range (°C)	-10°C - 35°C
ETIM Class	EC001744

Optical data

Fixture luminous flux (lm)	660
Luminaire efficacy (lm/W)	73
Colour temperature (K)	3000
Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	40
Distribution type	Symmetric
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	9
Mains voltage (V)	220-240V~
Electrical protection	Class II
Dimmable	Yes
Minimum dimming level (%)	10
Drive current (mA)	165
Inrush Current (A)	10
Inrush Duration (µs)	150
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	50
Max. Luminaires per 13A C Breaker	65
Max. Luminaires per 16A C Breaker	80
Max. Luminaires per 20A C Breaker	100

Lifetime data

Lumen maintenance - L70 B50	30000
Average life (Nominal) (h)	30000

Physical data

Housing colour	Aluminium
IP rating	IP65/20
IK rating	IK03
Nominal Product Length (mm)	86
Nominal Product Width (mm)	86
Nominal Product Height (mm)	64
Nominal Product Diameter (mm)	86
Weight (kg)	0.14
Recessed Depth (mm)	100

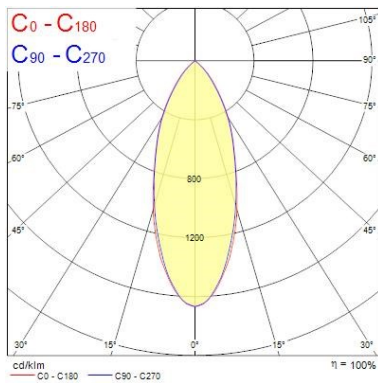
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Packaging

Single packaging type	Carton
Product EAN number	5410288051765
Packaging single length / height (cm)	10.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (outer)	15410288051762
Units per inner package	6
Packaging inner length / height (cm)	28.5
Packaging inner width (cm)	9.0
Packaging inner depth (cm)	19.0
DUN14 (inner)	25410288051769
Units per outer package	36
Packaging outer length / height (cm)	43.6
Packaging outer width (cm)	35.6
Packaging outer depth (cm)	29.3

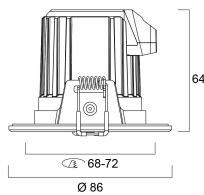
PHOTOMETRY



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.35	E(0°) 4401
	0.36	E(C90) 19.4° 1853
		E(C0) 19.8° 1840
1.0	0.70	E(0°) 1100
	0.71	E(C90) 19.4° 483
		E(C0) 19.8° 480
1.5	1.06	E(0°) 489
	1.07	E(C90) 19.4° 298
		E(C0) 19.8° 294
2.0	1.41	E(0°) 275
	1.42	E(C90) 19.4° 178
		E(C0) 19.8° 174
2.5	1.76	E(0°) 175
	1.78	E(C90) 19.4° 74
		E(C0) 19.8° 74
3.0	2.11	E(0°) 122
	2.14	E(C90) 19.4° 61
		E(C0) 19.8° 61

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 39.2°)
 C90 - C270 (Half beam angle: 38.6°)


TECHNICAL DRAWINGS




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SYLVANIA 0005176


 This luminaire contains built-in LED lamps

 } LED


The lamps cannot be changed in the luminaire.

874/2012 

 This luminaire contains built-in LED lamps

 } LED

The lamps cannot be changed in the luminaire.

SYLVANIA 0005176 

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