

Start eco Spot Aluminium IP44

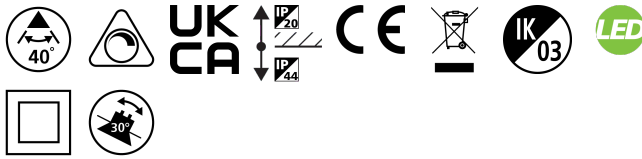
START ECO SPOT ALUMINIUM 800LM 840 IP44 BRA

0005173



Product features

- Integrated LED recessed spotlight, vertical tilt 30°, brushed aluminium bezel finish, black replaceable reflector, 800lm (white reflector), 760lm (black reflector), 9.0W, dimmable trailing/leading edge, 4000K, 40° degree beam angle, polycarbonate and aluminium body, low profile 62mm recessed depth, IP44 from the front, IK03, loop-in/loop-out terminals for fast wiring, weight 0,165Kg, 85mm bezel diameter, 68-72mm cutout, clear lens. Additional white reflector included in the packaging. Lifetime: 30.000 hours at L70. Energy Class: A++, A+, A.



PRODUCT OVERVIEW

IPC Code	0005173
Product name	START ECO SPOT ALUMINIUM 800LM 840 IP44 BRA
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4278141
Fixture luminous flux (lm)	800
Luminaire efficacy (lm/W)	89
Colour temperature (K)	4000
Light colour	Neutral 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	IP44/20
IK rating	IK03
Product EAN number	5410288051734

DATA TABLE

General data

IPC Code	0005173
Product name	START ECO SPOT ALUMINIUM 800LM 840 IP44 BRA

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Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Residential & Consumer
Operating temperature range (°C)	-10°C - 35°C
ETIM Class	EC001744
E-number FI	4278141

Optical data

Fixture luminous flux (lm)	800
Luminaire efficacy (lm/W)	89
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral 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

Vertical Tilt (°)	30
Housing colour	Aluminium
IP rating	IP44/20
IK rating	IK03
Nominal Product Length (mm)	86
Nominal Product Width (mm)	86
Nominal Product Height (mm)	64
Nominal Product Diameter (mm)	86

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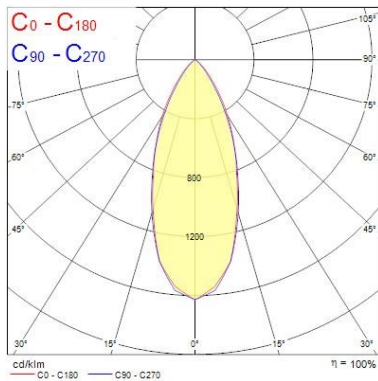
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Weight (kg)	0.14
Recessed Depth (mm)	100

Packaging

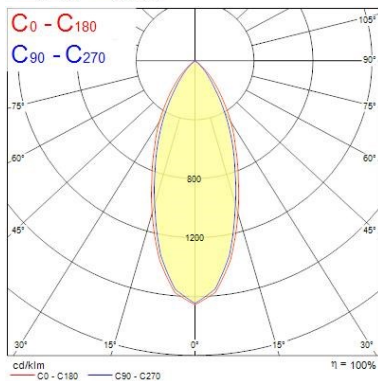
Single packaging type	Carton
Product EAN number	5410288051734
Packaging single length / height (cm)	10.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (outer)	15410288051731
Units per inner package	6
Packaging inner length / height (cm)	28.5
Packaging inner width (cm)	9.0
Packaging inner depth (cm)	19.0
DUN14 (inner)	25410288051738
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]	E(0°)	E(C90)	E(C0)
0.5	0.35 0.38	5031	2115	2080
1.0	0.70 0.76	1258	529	515
1.5	1.05 1.13	539	231	229
2.0	1.40 1.51	314	132	130
2.5	1.75 1.89	201	85	82
3.0	2.10 2.27	140	59	57

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 41.4°)
 C90 - C270 (Half beam angle: 38.6°)

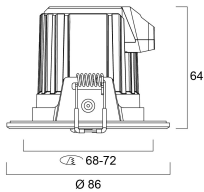


Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.38 0.37	5245	2148	2178
1.0	0.76 0.74	1311	537	544
1.5	1.13 1.10	533	239	242
2.0	1.51 1.47	328	134	136
2.5	1.89 1.84	210	88	87
3.0	2.27 2.21	148	63	60


Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 40.4°)
 C90 - C270 (Half beam angle: 41.4°)

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TECHNICAL DRAWINGS




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 This luminaire contains built-in LED lamps

A⁺⁺
A⁺
A
B
C
D
E


} LED

The lamps cannot be changed in the luminaire.

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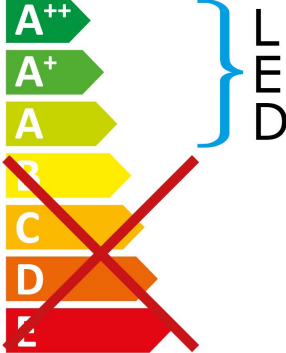
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