

Start eco Spot IP65

START ECO SPOT 540lm 830 IP65 DIM WHT

0005379



Product features

- Integrated LED recessed spotlight, fixed, RAL9016 colour, 540lm, 7.0W, phase dimmable trailing/leading edge, 3000K, 100° degree beam angle, polycarbonate white body, low profile 47mm recessed depth, IP65 from the front, IK03, loop-in/loop-out terminals for fast wiring, 86mm bezel diameter, 68-74mm cutout, frosted lens. Additional silver bezel included in the packaging.



PRODUCT OVERVIEW

Product name	START ECO SPOT 540lm 830 IP65 DIM WHT
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
Environment	Indoor
General application	Residential & Consumer
ETIM Class	EC001744
Warranty	3 years
Fixture luminous flux (lm)	540
Luminaire efficacy (lm/W)	77
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	100
Photobiological Risk Group	RG0
Total power consumption (W)	7
Electrical protection	Class II
Dimmable	Yes
Minimum dimming level (%)	10
LED Flickering Rate	Medium (21% - 40%)
Housing colour	White
IP rating	IP65/20
IK rating	IK03
Product EAN number	5410288053790

DATA TABLE

General data

Product name	START ECO SPOT 540lm 830 IP65 DIM WHT
Technology	LED
Housing	PC Polycarbonate

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Mount	Ceiling recessed mounting
Environment	Indoor
General application	Residential & Consumer
Operating temperature range (°C)	-10°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	3 years

Optical data

Fixture luminous flux (lm)	540
Luminaire efficacy (lm/W)	77
Colour temperature (K)	3000
Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	100
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	70

Electrical data

Total power consumption (W)	7
Mains voltage (V)	220-240V~
Lamp power factor	0.85
Electrical protection	Class II
Dimmable	Yes
Minimum dimming level (%)	10
Drive current (mA)	70
Inrush Current (A)	10
Inrush Duration (µs)	200
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Medium (21% - 40%)
Max. Luminaires per 10A C Breaker	60
Max. Luminaires per 13A C Breaker	80
Max. Luminaires per 16A C Breaker	100
Max. Luminaires per 20A C Breaker	120

Lifetime data

Lifespan L70 B50	30000
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Physical data

Housing colour	White
IP rating	IP65/20
IK rating	IK03
Diffuser finish	Opal

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Diffuser material	PMMA Acrylic
Nominal Product Length (mm)	87
Nominal Product Width (mm)	87
Nominal Product Height (mm)	47
Nominal Product Diameter (mm)	87
Cutout Dimensions (W x L in mm or Diameter in mm)	68-74
Weight (kg)	0.087

Packaging

Single packaging type	Carton
Product EAN number	5410288053790
Packaging single length / height (cm)	9.0
Packaging single width (cm)	9.0
Packaging single depth (cm)	5.5
DUN14 (inner)	25410288053794
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 (outer)	15410288053797
Units per outer package	48
Packaging outer length / height (cm)	38.0
Packaging outer width (cm)	24.0
Packaging outer depth (cm)	29.5

Safety data

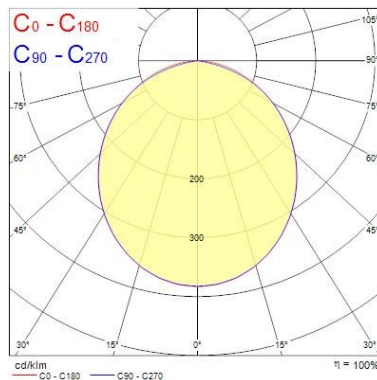
Optimal operating condition (°C)	-10-40
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PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°) E(C90) E(C0)	820 920 920
0.5	1.32 1.31	E(0°) E(C90) E(C0)	207 213 213
1.0	2.63 2.62	E(0°) E(C90) E(C0)	103 107 107
1.5	3.95 3.92	E(0°) E(C90) E(C0)	69 71 71
2.0	5.27 5.23	E(0°) E(C90) E(C0)	51 53 53
2.5	6.59 6.54	E(0°) E(C90) E(C0)	41 43 43
3.0	7.90 7.85	E(0°) E(C90) E(C0)	33 34 34

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

— C0 - C180 (Half beam angle: 105.2°)
— C90 - C270 (Half beam angle: 105.6°)



TECHNICAL DRAWINGS

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