

## Start eco Spot IP65

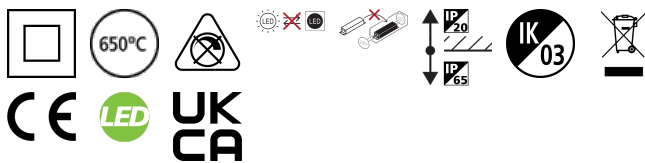
START ECO SPOT 540lm 830 IP65 WHT

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### Product features

- Integrated LED recessed spotlight, fixed, RAL9016 colour, 540lm, 6.5W, non-dimmable, 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 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)	83
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)	6.5
Electrical protection	Class II
Dimmable	No
Minimum dimming level (%)	10
LED Flickering Rate	Medium (21% - 40%)
Housing colour	White
IP rating	IP65/20
IK rating	IK03
Product EAN number	5410288053738

## DATA TABLE

### General data

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

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0005373

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)	83
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)	6.5
Mains voltage (V)	220-240V~
Lamp power factor	0.55
Electrical protection	Class II
Dimmable	No
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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0005373

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

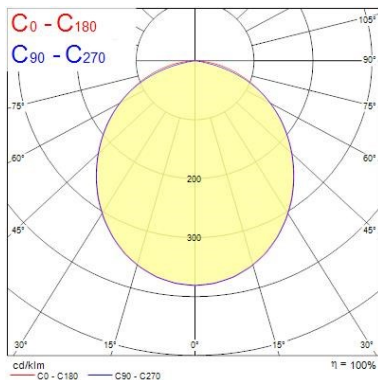
### Packaging

Single packaging type	Carton
Product EAN number	5410288053738
Packaging single length / height (cm)	9.0
Packaging single width (cm)	9.0
Packaging single depth (cm)	5.5
DUN14 (inner)	25410288053732
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)	15410288053735
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]	Beam diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	1.32	1.31	1.31	824
1.0	2.64	2.63	2.63	206
1.5	3.97	3.94	3.94	89
2.0	5.29	5.25	5.25	51
2.5	6.61	6.56	6.56	33
3.0	7.93	7.88	7.88	23

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 105.4°)  
C90 - C270 (Half beam angle: 109.0°)

## TECHNICAL DRAWINGS

## Start eco Spot IP65

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0005373

