

## Start Spot IP44

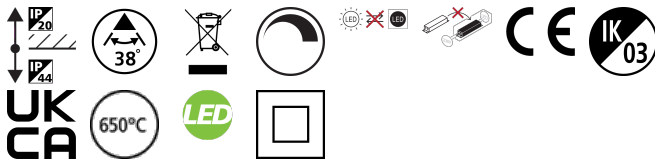
START ECO SPOT 480lm 840 IP44 DIM WHT

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### Product features

- Integrated LED recessed spotlight, vertical tilt 30°, 480lm, 5.5W, phase dimmable trailing/leading edge, 4000K, 38° degree beam angle, polycarbonate white body, low profile 47mm recessed depth, IP44 from the front, IK03, loop-in/loop-out terminals for fast wiring, 86mm bezel diameter, 68-74mm cutout, clear lens. Additional silver bezel included in the packaging.



## PRODUCT OVERVIEW

Product name	START ECO SPOT 480lm 840 IP44 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)	480
Luminaire efficacy (lm/W)	87
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	38
Photobiological Risk Group	RG0
Total power consumption (W)	5.5
Electrical protection	Class II
Dimmable	Yes
Minimum dimming level (%)	10
LED Flickering Rate	Medium (21% - 40%)
Housing colour	White
IP rating	IP44/20
IK rating	IK03
Product EAN number	5410288053776
Dimming method	Mains: leading / trailing edge

## DATA TABLE

### General data

Product name	START ECO SPOT 480lm 840 IP44 DIM WHT
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Technology	LED
Housing	PC Polycarbonate
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)	480
Luminaire efficacy (lm/W)	87
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	38
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	70

### Electrical data

Total power consumption (W)	5.5
Mains voltage (V)	220-240V
Lamp power factor	0.85
Electrical protection	Class II
Dimmable	Yes
Minimum dimming level (%)	10
Drive current (mA)	100
Inrush Current (A)	10
Inrush Duration (µs)	200
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
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	IP44/20

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<b>IK rating</b>	IK03
<b>Diffuser finish</b>	Prismatic
<b>Diffuser material</b>	PMMA Acrylic
<b>Nominal Product Length (mm)</b>	87
<b>Nominal Product Width (mm)</b>	87
<b>Nominal Product Height (mm)</b>	47
<b>Nominal Product Diameter (mm)</b>	87
<b>Cutout Dimensions (W x L in mm or Diameter in mm)</b>	68-74
<b>Weight (kg)</b>	0.087

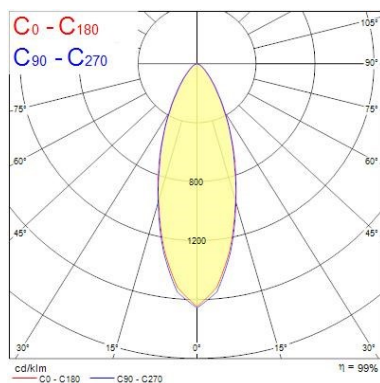
### Packaging

<b>Single packaging type</b>	Carton
<b>Product EAN number</b>	5410288053776
<b>Packaging single length / height (cm)</b>	9.0
<b>Packaging single width (cm)</b>	9.0
<b>Packaging single depth (cm)</b>	5.5
<b>DUN14 (inner)</b>	25410288053770
<b>Units per inner package</b>	6
<b>Packaging inner length / height (cm)</b>	28.5
<b>Packaging inner width (cm)</b>	9.0
<b>Packaging inner depth (cm)</b>	19.0
<b>DUN14 (outer)</b>	15410288053773
<b>Units per outer package</b>	48
<b>Packaging outer length / height (cm)</b>	38.0
<b>Packaging outer width (cm)</b>	24.0
<b>Packaging outer depth (cm)</b>	29.5

### Safety data

<b>Optimal operating condition (°C)</b>	-10-40
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## PHOTOMETRY



Distance [m]	Cone diameter [m]	E [0°]	E [C90]	E [C0]
0.5	0.33 0.34	2184	1361	1385
1.0	0.67 0.67	791	340	339
1.5	1.00 1.01	332	151	151
2.0	1.33 1.35	196	88	88
2.5	1.66 1.68	127	54	54
3.0	2.00 2.02	88	38	38

Distance [m] Cone diameter [m] Illuminance [lx]  
 C0 - C180 (Half beam angle: 37.2°)  
 C90 - C270 (Half beam angle: 36.8°)

## TECHNICAL DRAWINGS

## Start Spot IP44

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