

## Start Spot Aluminium IP44

START SPOT ALUMINIUM 720LM 827 IP44 BLK

0005180



### Product features

- Integrated LED recessed spotlight, vertical tilt 30°, black bezel finish with black reflector, white replaceable reflector included in the packaging, 720lm (black reflector), 9W, dimmable trailing/leading edge, 3000K, 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.



### NOTES

undefined

### PRODUCT OVERVIEW

Product name	START SPOT ALUMINIUM 720LM 827 IP44 BLK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality
ETIM Class	EC001744
E-number FI	4278420
Warranty	3 years
Fixture luminous flux (lm)	720
Luminaire efficacy (lm/W)	80
Colour temperature (K)	2700
Light colour	Candlelight
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	40
Glare control	< 25
Photobiological Risk Group	RG1
Total power consumption (W)	9
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Minimum dimming level (%)	10
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL 9005 - Jet black
IP rating	IP44/20
IK rating	IK03
Product EAN number	5410288051802

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### DATA TABLE

#### General data

Product name	START SPOT ALUMINIUM 720LM 827 IP44 BLK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality
Operating temperature range (°C)	-10°C - 35°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278420
Warranty	3 years

#### Optical data

Fixture luminous flux (lm)	720
Luminaire efficacy (lm/W)	80
Colour temperature (K)	2700
Light colour	Candlelight
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Rated Luminous Intensity (cd)	1400
Beam Angle (°)	40
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG1

#### Electrical data

Total power consumption (W)	9
Mains voltage (V)	220-240V~
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	40
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Transformer required	No
Dimmable	Yes
Minimum dimming level (%)	10
Drive current (mA)	165
Drive current - Range (mA)	100mA / 200mA
Inrush Current (A)	10
Inrush Duration (µs)	150
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E

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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
Max. Luminaires per 16A B Breaker	30

### Lifetime data

Lifespan L70 B50	47000
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### Physical data

Housing colour	RAL 9005 - Jet black
IP rating	IP44/20
IK rating	IK03
Diffuser finish	Other
Diffuser material	None
Reflector finish	Matt
Nominal Product Height (mm)	64
Nominal Product Diameter (mm)	86
Cutout Dimensions (W x L in mm or Diameter in mm)	68-72
Weight (kg)	0.14
Recessed Depth (mm)	100

### Packaging

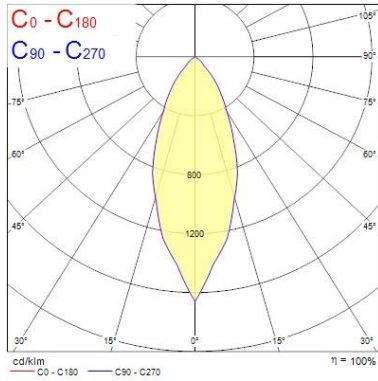
Single packaging type	Carton
Product EAN number	5410288051802
Packaging single length / height (cm)	10.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (inner)	25410288051806
Units per inner package	6
Packaging inner length / height (cm)	28.5
Packaging inner width (cm)	9.0
Packaging inner depth (cm)	19.0
DUN14 (outer)	15410288051809
Units per outer package	36
Packaging outer length / height (cm)	43.6
Packaging outer width (cm)	35.6
Packaging outer depth (cm)	29.3

### Safety data

Optimal operating condition (°C)	-10-35
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## PHOTOMETRY

## Start Spot Aluminium IP44 *START SPOT ALUMINIUM 720LM 827 IP44 BLK* 0005180



0.5	0.37	E(0°) E(C0)	20.2°	4785 1984
1.0	0.74	E(0°) E(C0)	20.2°	1196 496
1.5	1.10	E(0°) E(C0)	20.2°	832 332
2.0	1.47	E(0°) E(C0)	20.2°	299 124
2.5	1.84	E(0°) E(C0)	20.2°	191 79
3.0	2.21	E(0°) E(C0)	20.2°	133 56

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

### TECHNICAL DRAWINGS

