

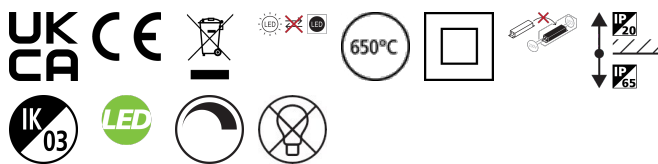
Start Spot IP65 3-CCT

Start Spot 620lm 3CCT DIM IP65 WH
0005510



Product features

- Integrated LED recessed spotlight, fixed, phase dimmable, 3 CCT 2700K-3000K-4000K, 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, 87mm bezel diameter, 68-74mm cutout, frosted lens. Additional silver or black bezel can be ordered as accessory.



PRODUCT OVERVIEW

Product name	Start Spot 620lm 3CCT DIM IP65 WH
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
General application	Hospitality, Residential & Consumer, Retail
ETIM Class	EC001744
Warranty	3 years
Fixture luminous flux (lm)	620
Luminous flux (lm)	620
Luminaire efficacy (lm/W)	95
Colour temperature (K)	3000
Light colour	Neutral 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
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL 9003 - Signal white
IP rating	IP65/20
IK rating	IK03
Product EAN number	5410288055107

DATA TABLE

General data

Product name	Start Spot 620lm 3CCT DIM IP65 WH
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Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
General application	Hospitality, Residential & Consumer, Retail
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)	620
Luminous flux (lm)	620
Luminaire efficacy (lm/W)	95
Colour temperature (K)	3000
Correlated colour temperature range (K)	2700 - 4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	100
Distribution type	Symmetric
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	6.5
Mains voltage (V)	220-240V
Lamp power factor	0.6
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	96
Electrical protection	Class II
Control gear type	LED driver constant current
Transformer required	No
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Drive current (mA)	21
Inrush Current (A)	6
Inrush Duration (µs)	100
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	114
Max. Luminaires per 13A C Breaker	150
Max. Luminaires per 16A C Breaker	192
Max. Luminaires per 20A C Breaker	234
Max. Luminaires per 10A B Breaker	66
Max. Luminaires per 16A B Breaker	114

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Lifetime data

Lifespan L70 B50	68000
Lifespan L80 B20	39000
Lifespan L80 B10	36000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP65/20
IK rating	IK03
Diffuser finish	Diffuse
Diffuser material	PC Polycarbonate
Reflector finish	None
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)	0.07

Packaging

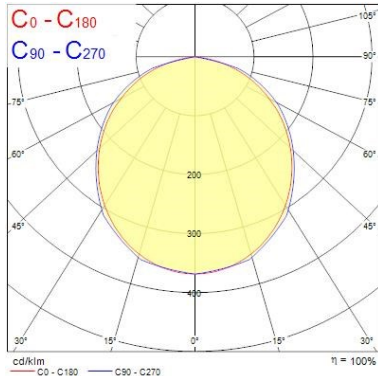
Single packaging type	Carton
Product EAN number	5410288055107
Packaging single length / height (cm)	9.0
Packaging single width (cm)	6.0
Packaging single depth (cm)	9.0
DUN14 (inner)	25410288055101
Units per inner package	6
Packaging inner length / height (cm)	28.5
Packaging inner width (cm)	7.5
Packaging inner depth (cm)	19.0
DUN14 (outer)	15410288055104
Units per outer package	48
Packaging outer length / height (cm)	32.0
Packaging outer width (cm)	30.0
Packaging outer depth (cm)	40.5

Safety data

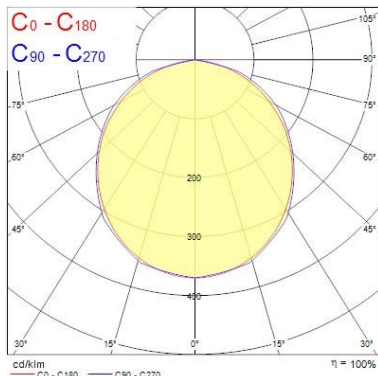
Optimal operating condition (°C)	-10-40
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PHOTOMETRY

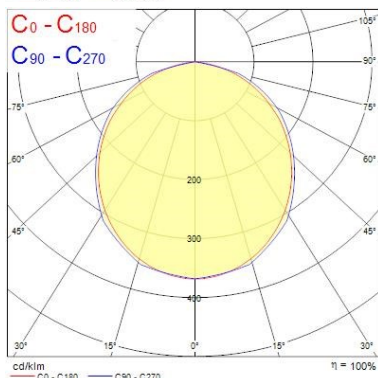
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Distance [m]	Cone diameter [m]		Illuminance [lx]		
	C0 - C180 (Half beam angle: 107.0°)	C90 - C270 (Half beam angle: 111.6°)	E(0°)	E(C90)	E(C0)
0.5	1.47 1.35		896 80	55.8° 53.8°	96
1.0	2.94 2.70		225 23	55.8° 53.8°	24
1.5	4.41 4.05		100 9	55.8° 53.8°	11
2.0	5.89 5.41		56 5	55.8° 53.8°	6
2.5	7.36 6.76		36 3	55.8° 53.8°	4
3.0	8.83 8.11		26 2	55.8° 53.8°	3



Distance [m]	Cone diameter [m]		Illuminance [lx]		
	C0 - C180 (Half beam angle: 107.0°)	C90 - C270 (Half beam angle: 111.6°)	E(0°)	E(C90)	E(C0)
0.5	1.44 1.36		933 77	55.2° 53.8°	81
1.0	2.88 2.71		238 23	55.2° 53.8°	22
1.5	4.32 4.07		98 9	55.2° 53.8°	10
2.0	5.76 5.43		62 6	55.2° 53.8°	6
2.5	7.19 6.78		33 3	55.2° 53.8°	4
3.0	8.63 8.14		23 2	55.2° 53.8°	3



Distance [m]	Cone diameter [m]		Illuminance [lx]		
	C0 - C180 (Half beam angle: 107.2°)	C90 - C270 (Half beam angle: 111.4°)	E(0°)	E(C90)	E(C0)
0.5	1.46 1.36		907 82	55.8° 53.8°	96
1.0	2.92 2.71		227 23	55.8° 53.8°	24
1.5	4.38 4.07		101 9	55.8° 53.8°	11
2.0	5.84 5.43		67 6	55.8° 53.8°	6
2.5	7.30 6.78		36 3	55.8° 53.8°	4
3.0	8.76 8.14		26 2	55.8° 53.8°	3

TECHNICAL DRAWINGS

