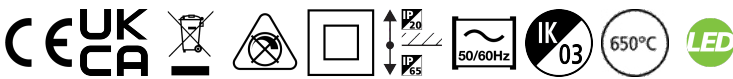


Start Spot 610lm 3CCT IP65 WH
0005565



Features

- Integrated LED recessed spotlight, fixed, non 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.

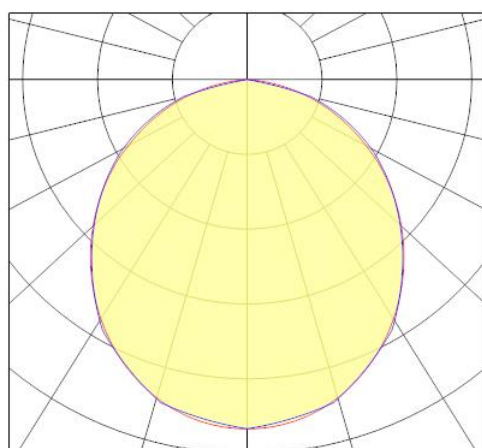
Product Overview

Product name	Start Spot 610lm 3CCT IP65 WH
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
General application	Hospitality, Residential & Consumer, Retail
ETIM Class	EC001744
Fixture luminous flux (lm)	610
Luminous flux (lm)	610
Luminaire efficacy (lm/W)	104
Colour temperature (K)	3000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	100
Photobiological Risk Group	RG0
Total power consumption (W)	6
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Low (6% - 20%)
Housing colour	RAL 9003 - Signal white

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IP rating	IP65/20
IK rating	IK03
Product EAN number	5410288055657
Warranty	3 years
Dimming method	N/A

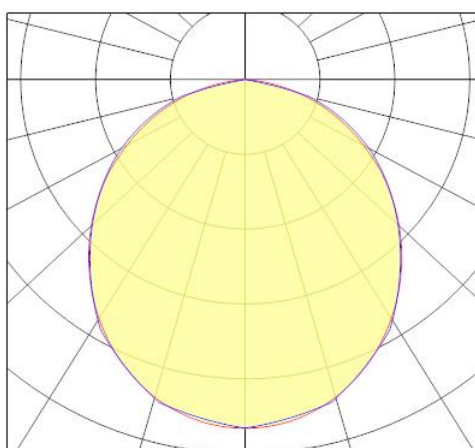
Photometry



cd/klm
C0 - C180 C90 - C270

0.5	1.38 1.37	E(0°) E(C90) E(C0)	54.1° 53.9° 53.9°	866 86 86
1.0	2.76 2.74	E(0°) E(C90) E(C0)	54.1° 53.9° 53.9°	214 22 22
1.5	4.14 4.11	E(0°) E(C90) E(C0)	54.1° 53.9° 53.9°	96 10 10
2.0	5.53 5.49	E(0°) E(C90) E(C0)	54.1° 53.9° 53.9°	53 5 5
2.5	6.91 6.86	E(0°) E(C90) E(C0)	54.1° 53.9° 53.9°	34 3 4
3.0	8.29 8.23	E(0°) E(C90) E(C0)	54.1° 53.9° 53.9°	24 2 2

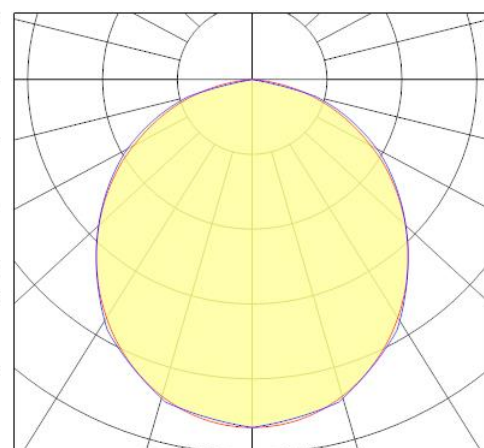
Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 107.8°)
C90 - C270 (Half beam angle: 108.2°)



cd/klm
C0 - C180 C90 - C270

0.5	1.38 1.37	E(0°) E(C90) E(C0)	54.1° 53.9° 53.9°	916 92 92
1.0	2.76 2.73	E(0°) E(C90) E(C0)	54.1° 53.9° 53.9°	229 23 24
1.5	4.14 4.10	E(0°) E(C90) E(C0)	54.1° 53.9° 53.9°	102 10 11
2.0	5.53 5.47	E(0°) E(C90) E(C0)	54.1° 53.9° 53.9°	57 6 6
2.5	6.91 6.83	E(0°) E(C90) E(C0)	54.1° 53.9° 53.9°	37 4 4
3.0	8.29 8.20	E(0°) E(C90) E(C0)	54.1° 53.9° 53.9°	25 3 3

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 107.8°)
C90 - C270 (Half beam angle: 108.2°)

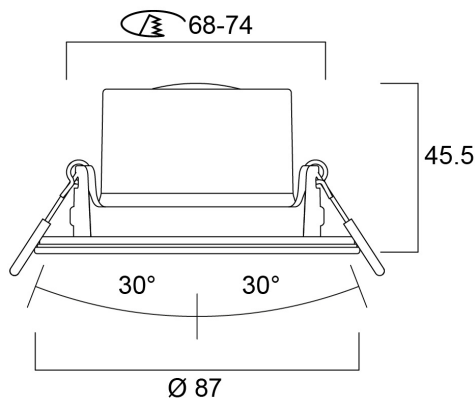


cd/klm
C0 - C180 C90 - C270

0.5	1.40 1.37	E(0°) E(C90) E(C0)	54.4° 54.4° 53.8°	908 90 94
1.0	2.79 2.73	E(0°) E(C90) E(C0)	54.4° 54.4° 53.8°	227 22 23
1.5	4.19 4.10	E(0°) E(C90) E(C0)	54.4° 54.4° 53.8°	101 10 10
2.0	5.59 5.47	E(0°) E(C90) E(C0)	54.4° 54.4° 53.8°	57 6 6
2.5	6.98 6.83	E(0°) E(C90) E(C0)	54.4° 54.4° 53.8°	36 4 4
3.0	8.38 8.20	E(0°) E(C90) E(C0)	54.4° 54.4° 53.8°	25 2 3

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 107.8°)
C90 - C270 (Half beam angle: 108.8°)

Technical drawings



Data table

GENERAL DATA

Product name	Start Spot 610lm 3CCT IP65 WH
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)	610
Luminous flux (lm)	610
Luminaire efficacy (lm/W)	104

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Colour temperature (K)	3000
Correlated colour temperature range (K)	2700 - 4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	100
Distribution type	Symmetric
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	6
Mains voltage (V)	220-240V
Lamp power factor	0.65
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	100
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Transformer required	No
Dimmable	No
Dimming method	N/A
Drive current (mA)	20
Inrush Current (A)	2
Inrush Duration (μ s)	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	256
Max. Luminaires per 13A C Breaker	332
Max. Luminaires per 16A C Breaker	418
Max. Luminaires per 20A C Breaker	511
Max. Luminaires per 10A B Breaker	155
Max. Luminaires per 16A B Breaker	246

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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	5410288055657
Packaging single length / height (cm)	9.0
Packaging single width (cm)	6.0
Packaging single depth (cm)	9.0
DUN14 (inner)	25410288055651
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)	15410288055654
Units per outer package	48
Packaging outer length / height (cm)	32.0
Packaging outer width (cm)	30.0



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Packaging outer depth (cm)	40.5
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SAFETY DATA

Optimal operating condition (°C)	-10-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No