

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
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
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
Technology	LED
Cap/Base	N/A

Start Spot IP65 3-CCT

Start Spot 620lm 3CCT DIM IP65 WH

0005510

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
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
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
Inrush Current (A)	6
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 10A B Breaker	66
Max. Luminaires per 16A B Breaker	114

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

Start Spot IP65 3-CCT

Start Spot 620lm 3CCT DIM IP65 WH

0005510

IK rating	IK03
Diffuser finish	Diffuse
Diffuser material	PC Polycarbonate
Reflector finish	None
Nominal Product Diameter (mm)	87
Cutout Dimensions (W x L in mm or Diameter in mm)	68-74
Weight (kg)	0.07

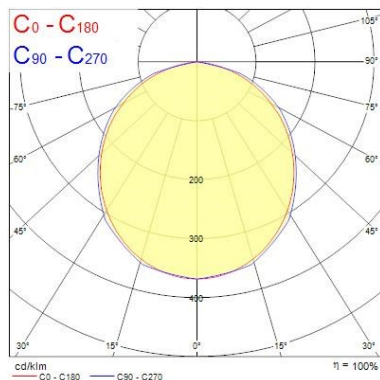
Packaging

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
Units per outer package	48
Packaging outer width (cm)	30.0
Packaging outer depth (cm)	40.5

Safety data

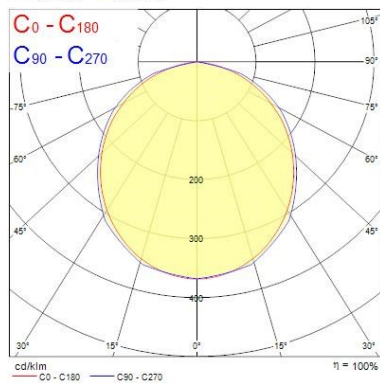
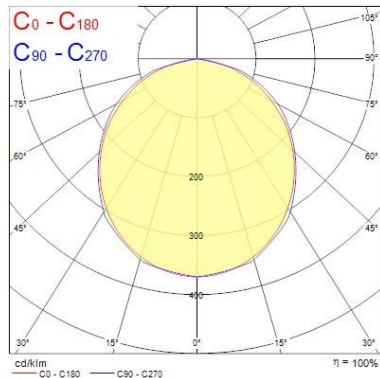
Optimal operating condition (°C)	-10-40
----------------------------------	--------

PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	1.47	107.0°	896
	1.35	111.6°	80
1.0	2.94	107.0°	225
	2.70	111.6°	20
1.5	4.41	107.0°	99
	4.05	111.6°	11
2.0	5.89	107.0°	56
	5.41	111.6°	6
2.5	7.35	107.0°	36
	6.76	111.6°	4
3.0	8.83	107.0°	25
	8.11	111.6°	3

Start Spot IP65 3-CCT
Start Spot 620lm 3CCT DIM IP65 WH
0005510



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.44 1.36	507 55.2 53.8
1.0	2.88 2.71	254 55.2 53.8
1.5	4.32 4.07	169 55.2 53.8
2.0	5.76 5.43	127 55.2 53.8
2.5	7.19 6.78	101 55.2 53.8
3.0	8.63 8.14	81 55.2 53.8

Distance [m]	Cone diameter [m]	E_{C90} [W/m ²]	E_{C270} [W/m ²]	E_{C180} [W/m ²]	E_{C0} [W/m ²]	Illuminance [lx]
0.5	1.46 1.36	510 ^a 510 ^a	55.8 ^b 55.8 ^b	55.8 ^b 55.8 ^b	55.8 ^b 55.8 ^b	900 ^a 900 ^a
1.0	2.92 2.71	510 ^a 510 ^a	55.8 ^b 55.8 ^b	55.8 ^b 55.8 ^b	55.8 ^b 55.8 ^b	225 ^a 225 ^a
1.5	4.38 4.07	510 ^a 510 ^a	55.8 ^b 55.8 ^b	55.8 ^b 55.8 ^b	55.8 ^b 55.8 ^b	100 ^a 100 ^a
2.0	5.84 5.43	510 ^a 510 ^a	55.8 ^b 55.8 ^b	55.8 ^b 55.8 ^b	55.8 ^b 55.8 ^b	56 ^a 56 ^a
2.5	7.30 6.78	510 ^a 510 ^a	55.8 ^b 55.8 ^b	55.8 ^b 55.8 ^b	55.8 ^b 55.8 ^b	39 ^a 39 ^a
3.0	8.76 8.14	510 ^a 510 ^a	55.8 ^b 55.8 ^b	55.8 ^b 55.8 ^b	55.8 ^b 55.8 ^b	29 ^a 29 ^a

TECHNICAL DRAWINGS

