

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.



NOTES

undefined

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
Useful luminous flux (Fuse)	580
Fixture luminous flux (lm)	620
Luminous flux (lm)	620
Luminaire efficacy (lm/W)	95
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

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DATA TABLE

General data

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
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	3 years

Optical data

Useful luminous flux (Fuse)	580
Fixture luminous flux (lm)	620
Luminous flux (lm)	620
Luminaire efficacy (lm/W)	95
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
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
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
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. products per 10A C Breaker	114
Max. products per 13A C Breaker	150

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Max. products per 16A C Breaker	192
Max. products per 20A C Breaker	234
Max. products per 10A B Breaker	66
Max. products per 16A B Breaker	114
Connectable conductor cross section - Min (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	1.5

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
Weight (kg)	0.07

Packaging

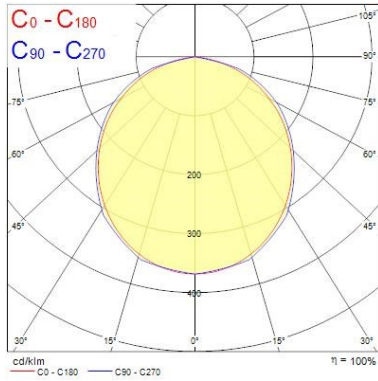
Product EAN number	5410288055107
Packaging single length / height (cm)	9.0
Packaging single width (cm)	6.0
Packaging single depth (cm)	9.0
DUN14 (inner)	25410288055101
Units per inner package	6
Packaging inner length / height (cm)	28.5
Packaging inner width (cm)	7.5
Packaging inner depth (cm)	19.0
DUN14 (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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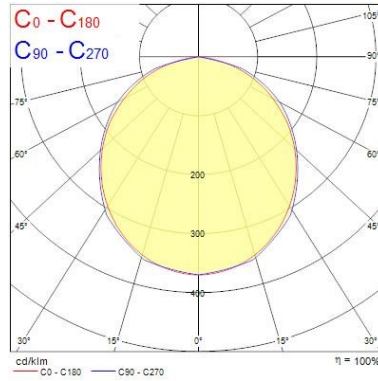
PHOTOMETRY

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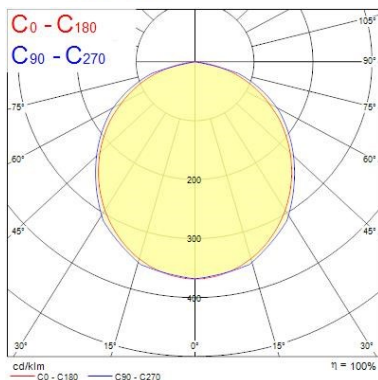
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.44 1.36	333	271	87	
1.0	2.88 2.71	208	199	22	
1.5	4.32 4.07	93	99	12	
2.0	5.76 5.43	52	54	8	
2.5	7.19 6.78	33	33	5	
3.0	8.63 8.14	23	22	3	

Distance [m] Cone diameter [m] Illuminance [lx]
 --- C0 - C180 (Half beam angle: 107.2°)
 --- C90 - C270 (Half beam angle: 110.4°)



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.46 1.36	307	82	98	
1.0	2.92 2.71	227	30	24	
1.5	4.38 4.07	101	9	11	
2.0	5.84 5.43	67	6	8	
2.5	7.30 6.78	36	3	4	
3.0	8.76 8.14	23	2	3	

Distance [m] Cone diameter [m] Illuminance [lx]
 --- C0 - C180 (Half beam angle: 107.2°)
 --- C90 - C270 (Half beam angle: 111.2°)



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.47 1.35	338	80	96	
1.0	2.94 2.70	225	30	24	
1.5	4.41 4.05	100	9	11	
2.0	5.89 5.41	66	6	8	
2.5	7.36 6.76	36	3	4	
3.0	8.83 8.11	25	2	3	

Distance [m] Cone diameter [m] Illuminance [lx]
 --- C0 - C180 (Half beam angle: 107.0°)
 --- C90 - C270 (Half beam angle: 111.2°)

TECHNICAL DRAWINGS

