

### Features

- Ceiling / wall round luminaire with integrated LED. Perfect solution for corridors, circulation areas or bathrooms. Even and uniform light in a slim but robust design. Power 18 W, lumen output 1900 lumens, lumen efficacy 105 lm/W, dual color temperature (3000K/4000K). Supplied with non dimmable driver. Mains Voltage 220-240V~. Body Size: 280mm square x 53mm height. IK07, IP54 Protection rating. PC Polycarbonate Opal diffuser. Low maintenance with 65000 hours LED lifespan expectancy. Warranty: 3 years.

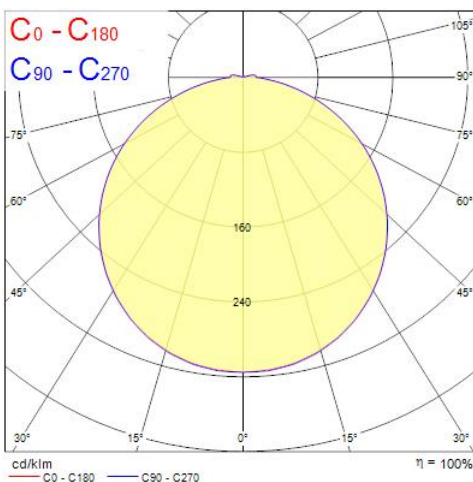
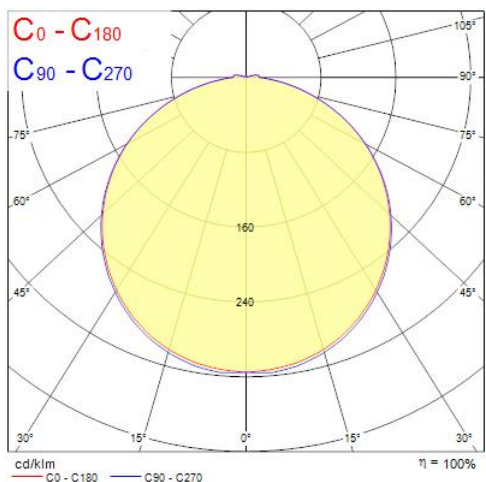
### Product Overview

<b>Product name</b>	START SURFACE SLIM IP54 SQUARE 1900LM 2CCT MW WH
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<b>Housing</b>	PC Polycarbonate
<b>Mount</b>	Ceiling surface mounting, Wall surface mounted
<b>General application</b>	Hospitality
<b>ETIM Class</b>	EC002892
<b>Fixture luminous flux (lm)</b>	1900
<b>Luminaire efficacy (lm/W)</b>	105
<b>Colour temperature (K)</b>	4000
<b>Light colour</b>	Neutral White
<b>CRI (Ra)</b>	80
<b>Colour Variation Initial (SDCM)</b>	3
<b>Beam Angle (°)</b>	120
<b>Photobiological Risk Group</b>	RG0
<b>Total power consumption (W)</b>	18
<b>Electrical protection</b>	Class II

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<b>Control gear type</b>	LED driver constant current
<b>Dimmable</b>	No
<b>LED Flickering Rate</b>	Ultra low (5% or less)
<b>Housing colour</b>	White
<b>IP rating</b>	IP54
<b>IK rating</b>	IK07
<b>Product EAN number</b>	5410288435206
<b>Warranty</b>	3 years

### Photometry



Distance [m]	Cone diameter [m]	E(0°) [lx]	E(C90) [lx]	E(C0) [lx]
0.5	1.63	2400	190	181
	1.62		58.4°	58.3°
1.0	3.25	622	45	45
	3.24		58.4°	58.3°
1.5	4.88	277	20	20
	4.86		58.4°	58.3°
2.0	6.50	158	11	11
	6.48		58.4°	58.3°
2.5	8.13	100	7	7
	8.10		58.4°	58.3°
3.0	9.75	69	5	5
	9.71		58.4°	58.3°

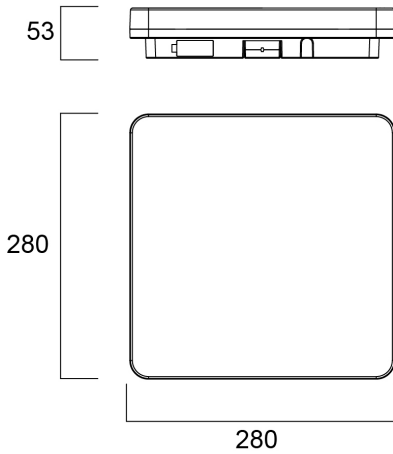
Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 116.6°)  
 — C90 - C270 (Half beam angle: 116.8°)

Distance [m]	Cone diameter [m]	E(0°) [lx]	E(C90) [lx]	E(C0) [lx]
0.5	1.62	2307	168	168
	1.63		58.3°	58.4°
1.0	3.24	577	42	41
	3.25		58.3°	58.4°
1.5	4.86	256	19	18
	4.88		58.3°	58.4°
2.0	6.48	144	10	10
	6.50		58.3°	58.4°
2.5	8.10	92	7	7
	8.13		58.3°	58.4°
3.0	9.71	64	5	5
	9.75		58.3°	58.4°

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 116.6°)  
 — C90 - C270 (Half beam angle: 116.8°)

## START SURFACE SLIM IP54 SQUARE 1900LM 2CCT MW WH 0043520

### Technical drawings



### Data table

#### GENERAL DATA

<b>Product name</b>	START SURFACE SLIM IP54 SQUARE 1900LM 2CCT MW WH
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<b>Housing</b>	PC Polycarbonate
<b>Mount</b>	Ceiling surface mounting, Wall surface mounted
<b>General application</b>	Hospitality
<b>Operating temperature range (°C)</b>	-20°C - 40°C
<b>Performance ambient temperature Tq (°C)</b>	25
<b>ETIM Class</b>	EC002892
<b>Warranty</b>	3 years

#### OPTICAL DATA

<b>Fixture luminous flux (lm)</b>	1900
<b>Luminaire efficacy (lm/W)</b>	105

## START SURFACE SLIM IP54 SQUARE 1900LM 2CCT MW WH 0043520

Colour temperature (K)	4000
Correlated colour temperature range (K)	3000 - 4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	120
Distribution type	Diffuse
Photobiological Risk Group	RG0

### ELECTRICAL DATA

Total power consumption (W)	18
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	18
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Transformer required	No
Dimmable	No
Drive current (mA)	480
Inrush Current (A)	4.5
Inrush Duration ( $\mu$ 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	Ultra low (5% or less)
Max. Luminaires per 16A C Breaker	50
Max. Luminaires per 16A B Breaker	32

### LIFETIME DATA

Lifespan L70 B50	65000
Lifespan L80 B50	42000

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Lifespan L90 B50	21000
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### PHYSICAL DATA

Housing colour	White
IP rating	IP54
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Height (mm)	53
Nominal Product Diameter (mm)	280
Weight (kg)	1.157

### PACKAGING

Single packaging type	Carton
Product EAN number	5410288435206
Packaging single length / height (cm)	28.5
Packaging single width (cm)	5.8
Packaging single depth (cm)	28.7
DUN14 (outer)	15410288435203
Units per outer package	6
Packaging outer length / height (cm)	37.5
Packaging outer width (cm)	30.0
Packaging outer depth (cm)	30.5

### SAFETY DATA

Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No