

Features

- START Downlight 5in1 is an integrated LED recessed / surface mounted downlight with built in non dimmable driver and PIR sensor. PIR sensor with time settings (3 min max) and adjustable daylight lux level. 2 options for lumen output 900lm or 1800lm. Colour temperature (3000K, 4000K and 6500K) can be chosen by a 3-way switch located on the back of the fixture. Adaptability to various cut-outs from 65mm to 185mm

Product Overview

Product name	START Downlight 5in1 65-185 1800LM PIR
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting, Ceiling surface mounting
General application	Retail
ETIM Class	EC001744
Fixture luminous flux (lm)	1800
Luminaire efficacy (lm/W)	100
Colour temperature (K)	4000
Light colour	N/A
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	110
Photobiological Risk Group	RG0
Total power consumption (W)	18
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Housing colour	RAL 9003 - Signal white

START Downlight 5in1 65-185 1800LM PIR 0053152

IP rating

IP20

IK rating

IK05

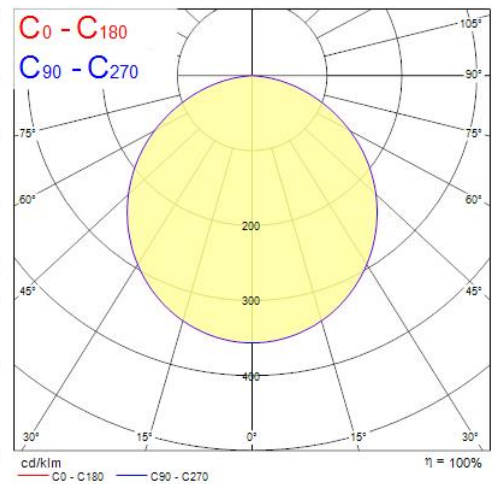
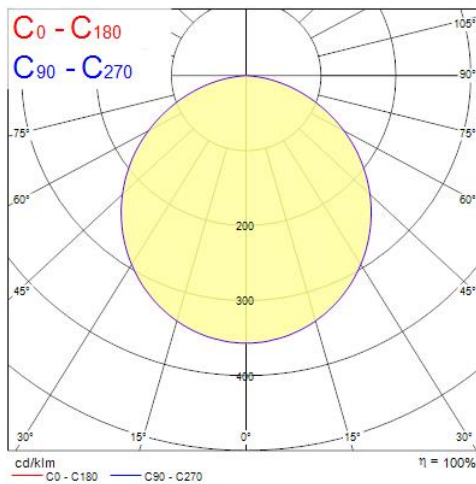
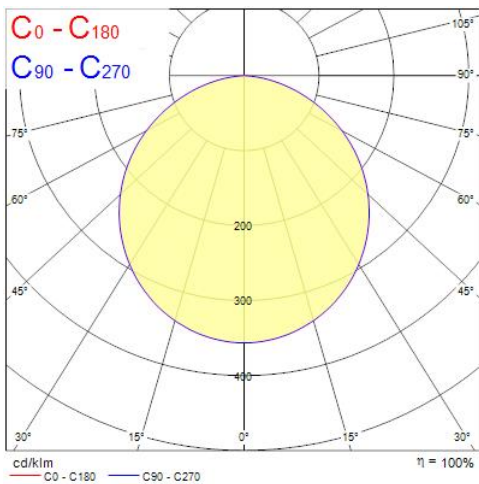
Product EAN number

5410288531526

Warranty

3 years

Photometry



Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C270)	Illuminance [lx]
0.5	1.47	2840 227	55.7° 227	2840
1.0	2.93	660 59	55.7° 59	660
1.5	4.40	293 25	55.7° 25	293
2.0	5.86	165 15	55.7° 15	165
2.5	7.33	106 9	55.7° 9	106
3.0	8.80	73 7	55.7° 7	73

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 111.4°)

Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C270)	Illuminance [lx]
0.5	1.47	2852 227	55.7° 227	2852
1.0	2.93	663 59	55.7° 59	663
1.5	4.40	296 25	55.7° 25	296
2.0	5.86	166 15	55.7° 15	166
2.5	7.33	106 9	55.7° 9	106
3.0	8.80	74 7	55.7° 7	74

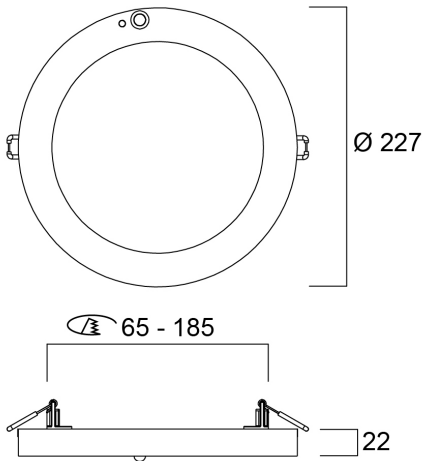
Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 111.4°)

Distance [m]	Cone diameter [m]	E(0°) E(C0)	E(0°) E(C270)	Illuminance [lx]
0.5	1.47	2823 225	55.7° 225	2823
1.0	2.93	651 58	55.7° 58	651
1.5	4.40	289 25	55.7° 25	289
2.0	5.86	163 15	55.7° 15	163
2.5	7.33	104 9	55.7° 9	104
3.0	8.80	72 6	55.7° 6	72

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 111.4°)

START Downlight 5in1 65-185 1800LM PIR 0053152

Technical drawings



Data table

GENERAL DATA

Product name	START Downlight 5in1 65-185 1800LM PIR
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting, Ceiling surface mounting
General application	Retail
Operating temperature range (°C)	-20°C - 40°C
ETIM Class	EC001744
Warranty	3 years

OPTICAL DATA

Fixture luminous flux (lm)	1800
Luminaire efficacy (lm/W)	100
Colour temperature (K)	4000
Correlated colour temperature range (K)	3000 - 6500

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Light colour	N/A
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	110
Distribution type	Symmetric
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	18
Mains voltage (V)	220-240V~
Lamp power factor	0.7
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	85.0
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Drive current (mA)	170
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 16A C Breaker	42
Max. Luminaires per 16A B Breaker	25

PHYSICAL DATA

Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK05
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Reflector finish	White
Nominal Product Height (mm)	22
Nominal Product Diameter (mm)	227

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Weight (kg)	0.473
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PACKAGING

Single packaging type	Carton
Product EAN number	5410288531526
Packaging single length / height (cm)	24.7
Packaging single width (cm)	4.3
Packaging single depth (cm)	23.7
DUN14 (outer)	15410288531523
Units per outer package	14
Packaging outer length / height (cm)	50.9
Packaging outer width (cm)	32.1
Packaging outer depth (cm)	26.2

SAFETY DATA

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