

## START eco Downlight 5in1 55-250

START eco Downlight 5in1 55-250 2500LM  
0053416



### Product features

- START eco Downlight 5in1 is an integrated LED recessed / surface mounted downlight with built in non dimmable driver. Colour temperature (3000K, 4000K and 6500K) can be adjusted by a 3-way switch located on the back of the fixture. Adaptability to various cut-outs from 55mm to 250mm. 23W, 2500lm, 109lm/W.



## PRODUCT OVERVIEW

Product name	START eco Downlight 5in1 55-250 2500LM
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
General application	Residential & Consumer
ETIM Class	EC001744
E-number FI	4278103
Warranty	3 years
Fixture luminous flux (lm)	2500
Luminaire efficacy (lm/W)	109
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	110
Glare control	< 26
Photobiological Risk Group	RG0
Total power consumption (W)	23
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK03
Product EAN number	5410288534169

## DATA TABLE

### General data

Product name	START eco Downlight 5in1 55-250 2500LM
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
General application	Residential & Consumer

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Operating temperature range (°C)	-20°C - 40°C
Performance ambient temperature Tq (°C)	40
ETIM Class	EC001744
E-number FI	4278103
Warranty	3 years

### Optical data

Fixture luminous flux (lm)	2500
Luminaire efficacy (lm/W)	109
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	110
Distribution type	Symmetric
Glare control	< 26
Photobiological Risk Group	RG0

### Electrical data

Total power consumption (W)	23
Mains voltage (V)	220-240V~
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	22
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Drive current (mA)	260
Inrush Current (A)	25
Inrush Duration (µs)	100
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	63
Max. Luminaires per 13A C Breaker	81
Max. Luminaires per 16A C Breaker	100
Max. Luminaires per 20A C Breaker	125

### Lifetime data

Lifespan L70 B50	30000
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### Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK03
Nominal Product Length (mm)	292
Nominal Product Width (mm)	292
Nominal Product Height (mm)	15
Nominal Product Diameter (mm)	290



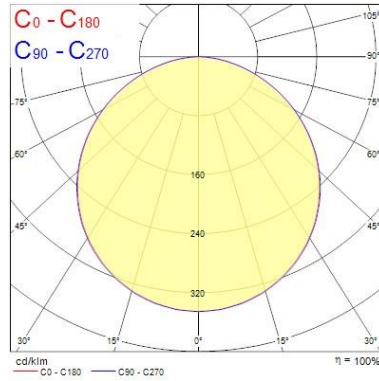
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0.5	1.51 1.50	E(0°) E(C90) E(C0)	3457 281 296
1.0	3.02 3.00	E(0°) E(C90) E(C0)	864 73 74
1.5	4.53 4.50	E(0°) E(C90) E(C0)	354 32 33
2.0	6.04 6.00	E(0°) E(C90) E(C0)	216 19 18
2.5	7.55 7.50	E(0°) E(C90) E(C0)	138 12 12
3.0	9.07 9.00	E(0°) E(C90) E(C0)	96 8 8

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 112.6°)  
— C90 - C270 (Half beam angle: 113.0°)



## TECHNICAL DRAWINGS

