

## START Downlight Eco 95mm Round Recessed

START Eco Downlight 95 640lm 830  
0053910



### PRODUCT OVERVIEW

Product name	START Eco Downlight 95 640lm 830
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
Warranty	3 years
Fixture luminous flux (lm)	640
Luminaire efficacy (lm/W)	80
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	8
Electrical protection	Class II
LED Flickering Rate	Medium (21% - 40%)
Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK02
Product EAN number	5410288539102

### DATA TABLE

#### General data

Product name	START Eco Downlight 95 640lm 830
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25

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Warranty 3 years

### Optical data

Fixture luminous flux (lm)	640
Luminaire efficacy (lm/W)	80
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Glare control	< 28
Photobiological Risk Group	RG0

### Electrical data

Total power consumption (W)	8
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.5
Electrical protection	Class II
Drive current (mA)	58
Inrush Current (A)	7
Inrush Duration (µs)	160
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Medium (21% - 40%)
Max. products per 10A C Breaker	140
Max. products per 20A B Breaker	169

### Lifetime data

Lifespan L70 B50	30000
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### Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK02
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Diameter (mm)	115
Weight (kg)	0.08

### Packaging

Single packaging type	Carton
Product EAN number	5410288539102
Packaging single width (cm)	4.0
Packaging single depth (cm)	13.0
DUN14 (outer)	15410288539109
Packaging outer length / height (cm)	60.0

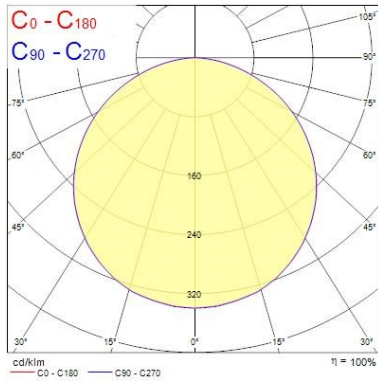
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### Safety data

Optimal operating condition (°C) -20-40

### PHOTOMETRY



Distance [m]	Cone diameter [m]	E <sub>0</sub> [lx]	E <sub>1</sub> [lx]	E <sub>2</sub> [lx]
0.5	1.96	890	71	71
	1.96	890	71	71
1.0	3.12	220	16	16
	3.13	220	16	16
1.5	4.67	99	8	8
	4.69	99	8	8
2.0	6.23	56	4	4
	6.25	56	4	4
2.5	7.79	36	3	3
	7.82	36	3	3
3.0	9.35	26	2	2
	9.38	26	2	2

Distance [m] Cone diameter [m]  
 — C0 - C180 (Half beam angle: 114.6°)  
 — C90 - C270 (Half beam angle: 114.6°)

— Illuminance [lx]

### TECHNICAL DRAWINGS

