

START Downlight Eco 95mm Round Recessed

START Eco Downlight 95 640lm 840
0053914



PRODUCT OVERVIEW

Product name	START Eco Downlight 95 640lm 840
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)	4000
Light colour	Neutral 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	5410288539140

DATA TABLE

General data

Product name	START Eco Downlight 95 640lm 840
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)	4000
Light colour	Neutral 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	5410288539140
Packaging single width (cm)	4.0
Packaging single depth (cm)	13.0
DUN14 (outer)	15410288539147
Packaging outer length / height (cm)	60.0

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Safety data

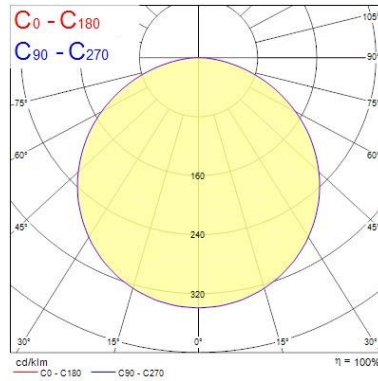
Optimal operating condition (°C)	-20-40
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PHOTOMETRY

0.5	1.56	E(0°) E(C0)	842 87
1.0	3.12	E(0°) E(C0)	211 17
1.5	4.67	E(0°) E(C0)	94 7
2.0	6.23	E(0°) E(C0)	53 4
2.5	7.79	E(0°) E(C0)	34 3
3.0	9.35	E(0°) E(C0)	23 2

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

— C0 - C180 (Half beam angle: 114.6°)



TECHNICAL DRAWINGS

