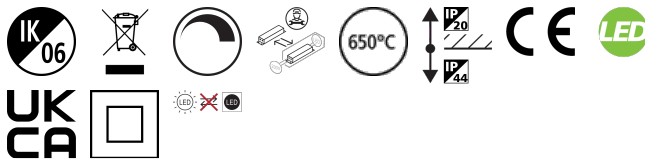


START Downlight Flat IP44 Dimmable 155mm Round Recessed

Start Downlight Flat 157 IP44 1100LM 840 DIM
0054121



PRODUCT OVERVIEW

Product name	Start Downlight Flat 157 IP44 1100LM 840 DIM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
E-number FI	4278495
Warranty	5 years
Fixture luminous flux (lm)	1100
Luminaire efficacy (lm/W)	92
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	12
Electrical protection	Class II
Control gear type	LED driver constant current
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06
Product EAN number	5410288541211

DATA TABLE

General data

Product name	Start Downlight Flat 157 IP44 1100LM 840 DIM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting

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Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
E-number FI	4278495
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1100
Luminaire efficacy (lm/W)	92
Colour temperature (K)	4000
Light colour	Cool White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 28
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	12
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.9
Electrical protection	Class II
Control gear type	LED driver constant current
Drive current (mA)	300
Inrush Current (A)	2.35
Inrush Duration (µs)	120
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	95
Max. products per 20A B Breaker	190
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	1.5

Lifetime data

Lifespan L70 B50	78000
Lifespan L80 B20	43000
Lifespan L80 B10	42000
Lifespan L90 B10	23000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06
Diffuser finish	Opal
Diffuser material	PS Polystyrene
Nominal Product Diameter (mm)	172

START Downlight Flat IP44 Dimmable 155mm Round Recessed

Start Downlight Flat 157 IP44 1100LM 840 DIM
0054121

Weight (kg)	0.354
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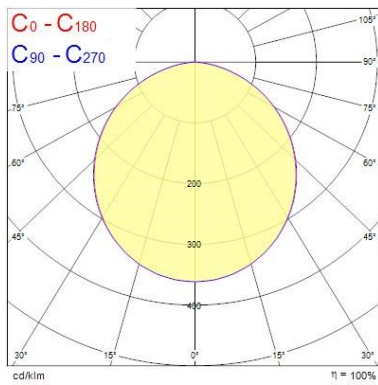
Packaging

Single packaging type	Carton
Product EAN number	5410288541211
Packaging single width (cm)	5.0
Packaging single depth (cm)	17.6
DUN14 (outer)	15410288541218
Packaging outer length / height (cm)	53.3

Safety data

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



Distance [m]	Cone diameter [m]	E(0°) [lx]	E(C90) [lx]	E(C0) [lx]
0.5	1.43 1.42	1531	55.1*	149
1.0	2.87 2.84	398	55.1*	38
1.5	4.30 4.25	177	55.1*	17
2.0	5.73 5.67	99	55.1*	12
2.5	7.17 7.09	64	55.1*	8
3.0	8.60 8.51	44	55.1*	6

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

— C0 - C180 (Half beam angle: 108.6°)
— C90 - C270 (Half beam angle: 110.2°)

TECHNICAL DRAWINGS

