

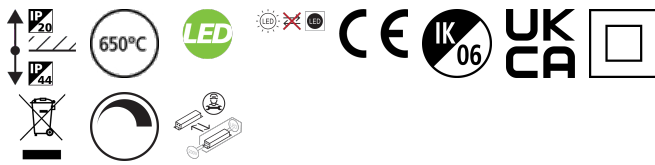
START eco Downlight Flat IP44 Dimmable 155mm Round Recessed

START eco Downlight Flat 155 IP44 1100lm 840 DIM
0053941



Product features

- START eco Downlight Flat IP44 DIM is an integrated LED recessed downlight with a separate, phase dimmable driver and loop in- out box, 12W; 1100Lm; 92Lm/W; 4000K; IP44 rated from the front.



PRODUCT OVERVIEW

Product name	START eco Downlight Flat 155 IP44 1100lm 840 DIM
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality
ETIM Class	EC001744
Warranty	3 years
Fixture luminous flux (lm)	1100
Luminaire efficacy (lm/W)	92
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	120
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	12
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06
Product EAN number	5410288539416
Max load (A)	120

DATA TABLE

General data

Product name	START eco Downlight Flat 155 IP44 1100lm 840 DIM
Technology	LED
Housing	Aluminium

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Mount	Ceiling recessed mounting
General application	Hospitality
Operating temperature range (°C)	-20°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	3 years

Optical data

Fixture luminous flux (lm)	1100
Luminaire efficacy (lm/W)	92
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	120
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	12
Mains voltage (V)	220-240V~
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20.0
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
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. Luminaires per 10A C Breaker	95
Max. Luminaires per 13A C Breaker	124
Max. Luminaires per 16A C Breaker	152
Max. Luminaires per 20A C Breaker	190
Max. Luminaires per 10A B Breaker	95
Max. Luminaires per 13A B Breaker	124
Max. Luminaires per 16A B Breaker	152
Max. Luminaires per 20A B Breaker	190

Lifetime data

Lifespan L70 B50	30000
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Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06
Diffuser finish	Opal
Diffuser material	Other
Nominal Product Length (mm)	172
Nominal Product Width (mm)	172
Nominal Product Height (mm)	21
Nominal Product Diameter (mm)	172
Cutout Dimensions (W x L in mm or Diameter in mm)	155
Weight (kg)	0.348

Packaging

Single packaging type	Mix blister(20% carton, 80% pl)
Product EAN number	5410288539416
Packaging single length / height (cm)	22.0
Packaging single width (cm)	4.2
Packaging single depth (cm)	17.5
DUN14 (outer)	15410288539413
Units per outer package	10
Packaging outer length / height (cm)	37.2
Packaging outer width (cm)	24.1
Packaging outer depth (cm)	24.1

Safety data

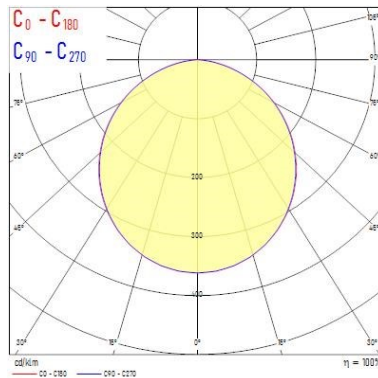
Optimal operating condition (°C)	-20-40
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PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.43 1.42	1554	55.1° 149	54.8° 152
1.0	2.87 2.84	396	55.1° 37	54.8° 38
1.5	4.30 4.25	175	55.1° 17	54.8° 17
2.0	5.73 5.67	99	55.1° 9	54.8° 9
2.5	7.17 7.09	60	55.1° 6	54.8° 6
3.0	8.60 8.51	44	55.1° 4	54.8° 4

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

— C0 - C180 (Half beam angle: 109.6°)
— C90 - C270 (Half beam angle: 110.2°)



TECHNICAL DRAWINGS

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