

START Downlight Flat IP44 Dimmable 205mm Round Recessed

Start Downlight Flat 205 IP44 1550LM 830 DIM
0054122



Product features

- START Downlight Flat IP44 DIM is an integrated LED recessed downlight with a separate, phase dimmable driver and loop in- out box, 17W; 1550Lm; 91Lm/W; 3000K; IP44 rated from the front.



PRODUCT OVERVIEW

Product name	Start Downlight Flat 205 IP44 1550LM 830 DIM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality
ETIM Class	EC001744
E-number FI	4278497
Warranty	5 years
Fixture luminous flux (lm)	1550
Luminaire efficacy (lm/W)	91
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	120
Glare control	< 28
Photobiological Risk Group	RG0
Max load (A)	112
Total power consumption (W)	17
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK06
Product EAN number	5410288541228

DATA TABLE

START Downlight Flat IP44 Dimmable 205mm Round Recessed

Start Downlight Flat 205 IP44 1550LM 830 DIM
0054122

General data

Product name	Start Downlight Flat 205 IP44 1550LM 830 DIM
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
General application	Hospitality
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature T _a (°C)	25
ETIM Class	EC001744
E-number FI	4278497
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1550
Luminaire efficacy (lm/W)	91
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	120
Distribution type	Symmetric
Glare control	< 28
Photobiological Risk Group	RG0

Electrical data

Max load (A)	112
Total power consumption (W)	17
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
Dimming method	Mains: leading / trailing edge
Drive current (mA)	450
Inrush Current (A)	4.16
Inrush Duration (µs)	112
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	67
Max. Luminaires per 13A C Breaker	87
Max. Luminaires per 16A C Breaker	107
Max. Luminaires per 20A C Breaker	133

START Downlight Flat IP44 Dimmable 205mm Round Recessed

Start Downlight Flat 205 IP44 1550LM 830 DIM
0054122

Max. Luminaires per 10A B Breaker	67
Max. Luminaires per 13A B Breaker	87
Max. Luminaires per 16A B Breaker	107
Max. Luminaires per 20A B Breaker	133

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
Reflector finish	None
Nominal Product Length (mm)	226
Nominal Product Width (mm)	226
Nominal Product Height (mm)	21
Nominal Product Diameter (mm)	226
Cutout Dimensions (W x L in mm or Diameter in mm)	205
Weight (kg)	0.457

Packaging

Single packaging type	Carton
Product EAN number	5410288541228
Packaging single length / height (cm)	27.5
Packaging single width (cm)	23.0
Packaging single depth (cm)	4.2
DUN14 (outer)	15410288541225
Units per outer package	10
Packaging outer length / height (cm)	47.5
Packaging outer width (cm)	23.0
Packaging outer depth (cm)	29.0

Safety data

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

PHOTOMETRY

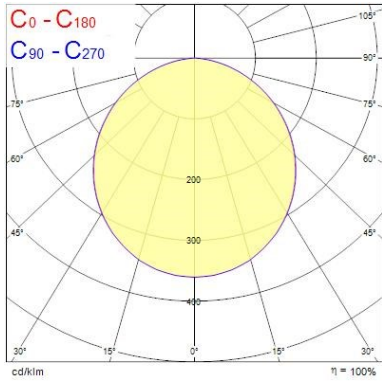
START Downlight Flat IP44 Dimmable 205mm Round Recessed

Start Downlight Flat 205 IP44 1550LM 830 DIM
0054122

0.5	1.43 1.41	E(0°) E(C90) E(C0)	2237 212 215
1.0	2.86 2.82	E(0°) E(C90) E(C0)	559 83 84
1.5	4.28 4.24	E(0°) E(C90) E(C0)	249 24 24
2.0	5.71 5.65	E(0°) E(C90) E(C0)	140 13 14
2.5	7.14 7.06	E(0°) E(C90) E(C0)	89 8 9
3.0	8.57 8.47	E(0°) E(C90) E(C0)	62 6 6

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

— C0 - C180 (Half beam angle: 109.4°)
— C90 - C270 (Half beam angle: 110.0°)



TECHNICAL DRAWINGS

