

START Downlight Flat Dimmable 226mm Round Surface

START eco Downlight Flat 226 1700lm 830 DIM Surface

0053946



Product features

- START eco Downlight Flat DIM Surface is an integrated LED surface mounted downlight with a separate, phase dimmable driver and loop in- out box, 17W; 1700Lm; 100Lm/W; 3000K; IP20.



PRODUCT OVERVIEW

Product name	START eco Downlight Flat 226 1700lm 830 DIM Surface
Technology	LED
Housing	Aluminium
Mount	Ceiling surface mounting
General application	Hospitality
ETIM Class	EC001744
E-number FI	4278201
Warranty	3 years
Fixture luminous flux (lm)	1700
Luminaire efficacy (lm/W)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	120
Glare control	< 28
Photobiological Risk Group	RG0
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	IP20
IK rating	IK06
Product EAN number	5410288539461

DATA TABLE

General data

Product name	START eco Downlight Flat 226 1700lm 830 DIM Surface
Technology	LED

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Housing	Aluminium
Mount	Ceiling surface mounting
General application	Hospitality
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4278201
Warranty	3 years

Optical data

Fixture luminous flux (lm)	1700
Luminaire efficacy (lm/W)	100
Colour temperature (K)	3000
Light colour	Warm White
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)	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
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

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Lifetime data

Lifespan L70 B50	60000
Lifespan L90 B10	23000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP20
IK rating	IK06
Diffuser finish	Opal
Diffuser material	PS Polystyrene
Nominal Product Height (mm)	38
Nominal Product Diameter (mm)	226
Cutout Dimensions (W x L in mm or Diameter in mm)	NA
Weight (kg)	0.664

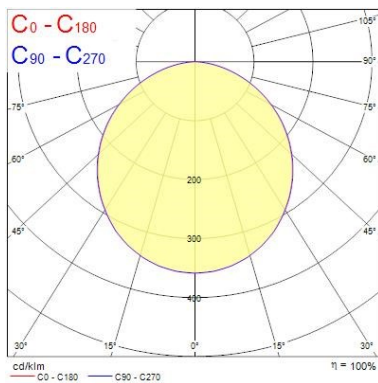
Packaging

Single packaging type	Carton
Product EAN number	5410288539461
Packaging single length / height (cm)	24.7
Packaging single width (cm)	4.2
Packaging single depth (cm)	23.0
DUN14 (outer)	15410288539468
Units per outer package	10
Packaging outer length / height (cm)	48.5
Packaging outer width (cm)	23.9
Packaging outer depth (cm)	29.5

Safety data

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



Distance [m]	Cone diameter [m]	E _{0°} [lx]	E _{10°} [lx]	E _{30°} [lx]	E _{45°} [lx]	E _{60°} [lx]	E _{75°} [lx]	E _{90°} [lx]
0.5	1.44 1.43	2380	55.3*	221	55.0*	220		
1.0	2.89 2.86	598	55.3*	55	55.0*	55		
1.5	4.33 4.28	266	55.3*	25	55.0*	25		
2.0	5.78 5.71	150	55.3*	14	55.0*	14		
2.5	7.22 7.14	96	55.3*	9	55.0*	9		
3.0	8.67 8.57	66	55.3*	6	55.0*	6		

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 110.0°)
 C90 - C270 (Half beam angle: 110.6°)

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TECHNICAL DRAWINGS

