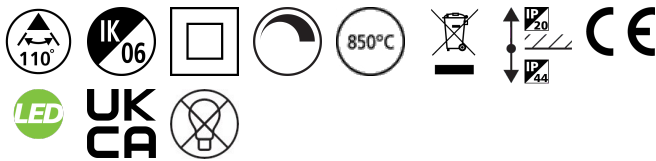# SYLVANIA

START eco Downlight Flat IP44 Dimmable 155mm Round Recessed

START eco Downlight Flat 155 IP44 1050lm 830 DIM

0053891

Product features

- START eco Downlight Flat IP44 DIM is an integrated LED recessed downlight. Providing 1050 fixture lumens at a wattage of 13W giving a high efficacy of 81lm/W. CRI80, 3000K, Driver current 300 mA. Fitting includes non integrated dimmable driver and has a round ceiling cut out of 155mm. With IP44 from the front and IK06 rating providing uniform distribution with an opal diffuser and 110° beam angle. Including a Loop in Loop out box and built-in white aluminium housing. 30,000 hrs lifetime (L70B50). Electrical Class II.

PRODUCT OVERVIEW

Product name	START eco Downlight Flat 155 IP44 1050lm 830 DIM
Technology	LED
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Residential & Consumer
ETIM Class	EC001744
Warranty	3 years
Fixture luminous flux (lm)	1050
Luminaire efficacy (lm/W)	81
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Beam Angle (°)	110
Glare control	< 28
Photobiological Risk Group	RG0
Total power consumption (W)	13
Electrical protection	Class II
Control gear type	Electronic ballast
Control gear mounting	Integrated
Dimmable	Yes
Minimum dimming level (%)	10
Housing colour	White
IP rating	IP44/20
IK rating	IK06
Product EAN number	5410288538914

DATA TABLE

General data

Product name	START eco Downlight Flat 155 IP44 1050lm 830 DIM

START eco Downlight Flat IP44 Dimmable 155mm Round Recessed

START eco Downlight Flat 155 IP44 1050lm 830 DIM

0053891

Technology	LED
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Residential & Consumer
Operating temperature range (°C)	-10°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	3 years

Optical data

Fixture luminous flux (lm)	1050
Luminaire efficacy (lm/W)	81
LOR (%)	100
Colour temperature (K)	3000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Colour Consistency (SDCM)	6
Adjustable chromaticity	N
Beam Angle (°)	110
Distribution type	Direct
Glare control	< 28
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	13
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 type	Electronic ballast
Control gear mounting	Integrated
Dimmable	Yes
Minimum dimming level (%)	10
Drive current (mA)	300
Inrush Current (A)	2
Inrush Duration (µs)	120
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	100
Max. Luminaires per 13A C Breaker	140
Max. Luminaires per 16A C Breaker	170
Max. Luminaires per 20A C Breaker	220

Lifetime data

Lifespan L70 B50	30000

Physical data

Housing colour	White

START eco Downlight Flat IP44 Dimmable 155mm Round Recessed

START eco Downlight Flat 155 IP44 1050lm 830 DIM

0053891

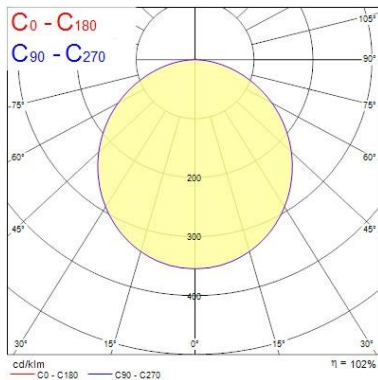|	
IP rating	IP44/20
IK rating	IK06
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	174
Nominal Product Width (mm)	174
Nominal Product Height (mm)	21
Cutout Dimensions (W x L in mm or Diameter in mm)	155
Weight (kg)	0.32

Packaging

Single packaging type	Carton
Product EAN number	5410288538914
Packaging single length / height (cm)	19.0
Packaging single width (cm)	18.5
Packaging single depth (cm)	5.5
DUN14 (outer)	15410288538911
Units per outer package	20
Packaging outer length / height (cm)	40.0
Packaging outer width (cm)	39.0
Packaging outer depth (cm)	30.0

Safety data

Optimal operating condition (°C)	-10-40

PHOTOMETRY

TECHNICAL DRAWINGS

START eco Downlight Flat IP44 Dimmable 155mm Round Recessed

START eco Downlight Flat 155 IP44 1050lm 830 DIM
0053891

21

155

Ø 174