

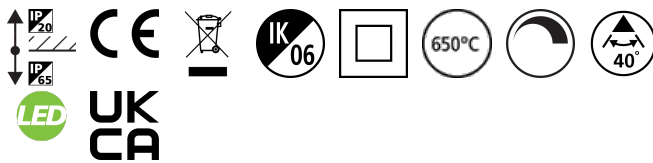
SylFire IP65

SYLFIRE LED FIXED 840 DIM WHITE DC
0059822



Product features

- IP65 from the front LED downlight, fire rated for 30, 60 and 90 minutes. 8W up to 620 lumen output.



PRODUCT OVERVIEW

Product name	SYLFIRE LED FIXED 840 DIM WHITE DC
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Indoor
General application	Residential & Consumer
ETIM Class	EC001744
Warranty	5 years
Fixture luminous flux (lm)	700
Luminaire efficacy (lm/W)	88
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	40
Photobiological Risk Group	RG1
Total power consumption (W)	8
Product Voltage (V)	42
Electrical protection	Class II
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Minimum dimming level (%)	10
Housing colour	White
IP rating	IP65/20
IK rating	IK06
Product EAN number	5410288598222

DATA TABLE

General data

Product name	SYLFIRE LED FIXED 840 DIM WHITE DC
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Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting
Environment	Indoor
General application	Residential & Consumer
Operating temperature range (°C)	-10°C...+45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
Warranty	5 years

Optical data

Fixture luminous flux (lm)	700
Luminaire efficacy (lm/W)	88
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	40
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

Electrical data

Total power consumption (W)	8
Mains voltage (V)	220-240V
Product Voltage (V)	42
Lamp power factor	0.85
Electrical protection	Class II
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Minimum dimming level (%)	10
Drive current (mA)	150
Inrush Current (A)	10
Inrush Duration (µs)	150
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	60
Max. Luminaires per 13A C Breaker	80
Max. Luminaires per 16A C Breaker	100
Max. Luminaires per 20A C Breaker	120

Lifetime data

Lifespan L70 B50	50000
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Physical data

Housing colour	White
IP rating	IP65/20
IK rating	IK06

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Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	90
Nominal Product Width (mm)	90
Nominal Product Height (mm)	111
Nominal Product Diameter (mm)	90
Cutout Dimensions (W x L in mm or Diameter in mm)	68
Weight (kg)	0.441

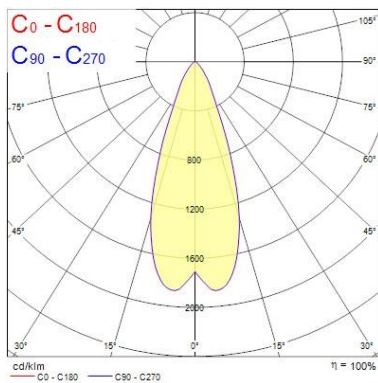
Packaging

Single packaging type	Carton
Product EAN number	5410288598222
Packaging single length / height (cm)	13.5
Packaging single width (cm)	13.0
Packaging single depth (cm)	13.5
DUN14 (outer)	05410288598222
Units per outer package	20
Packaging outer length / height (cm)	68.1
Packaging outer width (cm)	29.6
Packaging outer depth (cm)	29.6

Safety data

Optimal operating condition (°C)	-10-45
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁₀ [lx]	Beam angle [°]
0.5	0.35	4942	2247	19.4°
1.0	0.70	1211	562	19.4°
1.5	1.06	518	250	19.4°
2.0	1.41	303	140	19.4°
2.5	1.76	194	90	19.4°
3.0	2.11	138	62	19.4°

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 38.8°)

TECHNICAL DRAWINGS

SylFire IP65

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