

SylFlood PIR

SylFlood IP54 PIR 2850LM 830 Black

0047122



Product features

- The streamlined, durable, lightweight die-cast aluminium body makes SylFlood a perfect choice for building facades, car parks, garages and construction areas. The product includes 1 m pre-wired stripped cable and fitting bracket for quick and easy installation and the universal mounting bracket allows wall or surface mounting with the possibility of vertical tilting. Black (RAL9017) housing, white reflector, 2850 lm, 28 W, 102 lm/W, 3000K, non dimmable, CRI>80, IP54, IK06 - fixture, IK05 - sensor, Class I, lifespan L70:B50: 90000 hrs, 201 x 156 x 57 mm (L x W x H). Weight: 0.575kg. PIR sensor included.



NOTES

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PRODUCT OVERVIEW

Product name	SylFlood IP54 PIR 2850LM 830 Black
Technology	LED
General application	Retail
ETIM Class	EC001744
Warranty	3 years
Fixture luminous flux (lm)	2850
Luminaire efficacy (lm/W)	102
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	110
Photobiological Risk Group	RG1
Total power consumption (W)	28.0
Electrical protection	Class I
Dimmable	No
LED Flickering Rate	Low (6% - 20%)
Housing colour	Black
IP rating	IP54
IK rating	IK06
Product EAN number	5410288471228
Light source included	SAX0000A_0000

DATA TABLE

General data

Product name	SylFlood IP54 PIR 2850LM 830 Black
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Technology	LED
General application	Retail
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)	2850
Luminaire efficacy (lm/W)	102
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	110
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	28.0
Mains voltage (V)	220-240V~
Lamp power factor	0.9
Electrical protection	Class I
Dimmable	No
Drive current (mA)	60
Inrush Current (A)	20.4
Inrush Duration (µs)	390
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	15
Max. Luminaires per 13A C Breaker	20
Max. Luminaires per 16A C Breaker	25
Max. Luminaires per 20A C Breaker	30
Max. Luminaires per 10A B Breaker	9
Max. Luminaires per 13A B Breaker	12
Max. Luminaires per 16A B Breaker	15
Max. Luminaires per 20A B Breaker	18

Lifetime data

Lifespan L70 B50	90000
Lifespan L80 B50	73000
Lifespan L80 B20	47000

Physical data

Housing colour	Black
IP rating	IP54
IK rating	IK06
IK rating of sensor	IK05

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Nominal Product Length (mm)	201
Nominal Product Width (mm)	156
Nominal Product Height (mm)	57
Weight (kg)	0.575

Packaging

Single packaging type	Carton
Product EAN number	5410288471228
Packaging single length / height (cm)	16.1
Packaging single width (cm)	5.9
Packaging single depth (cm)	21.0
DUN14 (outer)	15410288471225
Units per outer package	6
Packaging outer length / height (cm)	38.2
Packaging outer width (cm)	17.4
Packaging outer depth (cm)	22.8

Safety data

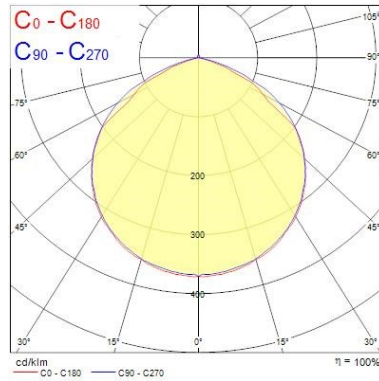
Optimal operating condition (°C)	-20-40
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PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.52 1.43	4225	55.6° 354	55.1° 397	
1.0	3.03 2.87	1056	55.6° 88	55.1° 89	
1.5	4.55 4.30	459	55.6° 39	55.1° 44	
2.0	6.07 5.73	264	55.6° 23	55.1° 23	
2.5	7.59 7.17	169	55.6° 14	55.1° 15	
3.0	9.10 8.60	117	55.6° 10	55.1° 11	

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

— C0 - C180 (Half beam angle: 110.2°)
— C90 - C270 (Half beam angle: 113.2°)



TECHNICAL DRAWINGS

