

## SylFlood PIR

*SylFlood IP54 PIR 950LM 830 Black*  
0047114



### 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, 950 lm, 10 W, 95 lm/W, 3000K, non dimmable, CRI>80, IP54, IK06 - fixture, IK05 - sensor, Class I, lifespan L70:B50: 90000 hrs, 190 x 123 x 52 mm (L x W x H). Weight: 0.475kg. PIR sensor included.



### NOTES

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### PRODUCT OVERVIEW

Product name	SylFlood IP54 PIR 950LM 830 Black
Technology	LED
General application	Retail
ETIM Class	EC001744
Warranty	3 years
Fixture luminous flux (lm)	950
Luminaire efficacy (lm/W)	95
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)	10.0
Electrical protection	Class I
Dimmable	No
LED Flickering Rate	Low (6% - 20%)
Housing colour	Black
IP rating	IP54
IK rating	IK06
Product EAN number	5410288471143
Light source included	SAX0000A_0000

### DATA TABLE

#### General data

Product name	SylFlood IP54 PIR 950LM 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)	950
Luminaire efficacy (lm/W)	95
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)	10.0
Mains voltage (V)	220-240V~
Lamp power factor	0.9
Electrical protection	Class I
Dimmable	No
Drive current (mA)	19
Inrush Current (A)	18.6
Inrush Duration (µs)	150
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	17
Max. Luminaires per 13A C Breaker	22
Max. Luminaires per 16A C Breaker	27
Max. Luminaires per 20A C Breaker	33
Max. Luminaires per 10A B Breaker	10
Max. Luminaires per 13A B Breaker	13
Max. Luminaires per 16A B Breaker	16
Max. Luminaires per 20A B Breaker	20

### Lifetime data

Lifespan L70 B50	90000
Lifespan L80 B50	85000
Lifespan L80 B20	54000

### Physical data

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

## SylFlood PIR

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Nominal Product Length (mm)	190
Nominal Product Width (mm)	123
Nominal Product Height (mm)	52
Weight (kg)	0.475

### Packaging

Single packaging type	Carton
Product EAN number	5410288471143
Packaging single length / height (cm)	13.0
Packaging single width (cm)	6.0
Packaging single depth (cm)	20.0
DUN14 (outer)	15410288471140
Units per outer package	6
Packaging outer length / height (cm)	39.0
Packaging outer width (cm)	14.5
Packaging outer depth (cm)	22.0

### Safety data

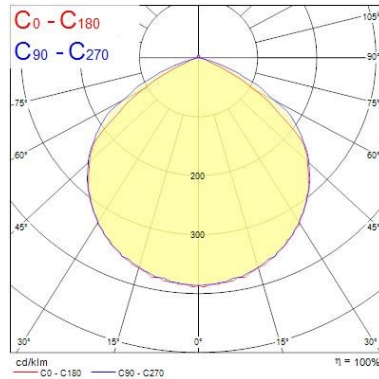
Optimal operating condition (°C)	-20-40
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## PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.51 1.34	1487	55.4° 124	53.2° 165	
1.0	3.01 2.67	367	55.4° 31	53.2° 40	
1.5	4.52 4.01	163	55.4° 14	53.2° 18	
2.0	6.02 5.35	92	55.4° 8	53.2° 10	
2.5	7.53 6.68	59	55.4° 6	53.2° 7	
3.0	9.03 8.02	41	55.4° 4	53.2° 5	

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

— C0 - C180 (Half beam angle: 105.4°)  
— C90 - C270 (Half beam angle: 112.8°)



## TECHNICAL DRAWINGS

