

430100-PIR

Technical Specification

Exterior

Frankly PIR Floodlight 20W 4000K Black

IP65

5 YR
Warranty

4000K

80
CRI

50,000
Hours

110°

UK
CA

CE

Diecast Aluminium body, Dual voltage 100-140V / 200-240V, Angled bracket for ease of installation, Supplied with 1m prewired H05RN-F cable, Solid state PIR sensor



General Data

Technology	LED
Mounting options	Wall
Install Options	Bracket
Electrical Connector Type	Flying Lead
Input Cable	1M H05RN-F 3-Core
Input Electrical Connection	Live Neutral Earth
General Application	Residential Commercial Industrial
Operating Temperature Range °C	-20 - +30
Warranty (Years)	5

Optical Data

Fixture Luminous Flux (Lm)	2216
Luminaire Efficacy @4000K (lm/W)	110
LOR %	100
Colour Selectable	No
Beam Angle°	110
Photobiological Risk Group	RG0

Light Source Data

Energy Class	E
Lm/W	110
Colour Temperature (K)	4000
Light Colour	Cool White
CRI Ra	80

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Electrical Data

Wattage (W)	20
Total Power Consumption (W)	20.2
Mains voltage (V)	100-140 220 - 240
Lamp power factor	0.96
Electrical protection	Class I
Driver Output (V)	DOB
Control Gear Type CC or CV	Constant Current
Dimmable	No
Driver Brand	Lumineux
Inrush Current (A)	20
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	2
Max. Luminaire per 10A C Breaker	56
Max. Luminaire per 13A C Breaker	72
Max. Luminaire per 16A C Breaker	89
Max. Luminaire per 20A C Breaker	111
Max. Luminaire per 10A B Breaker	33
Max. Luminaire per 13A B Breaker	43
Max. Luminaire per 16A B Breaker	53
Max. Luminaire per 20A B Breaker	67

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	50000
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Sensor Data

Sensor Technology	PIR
Sensor Type	ON/OFF
Hold Time	10s - 5min
Detection area (m)	2-12 (mounted 2.5m height)
Daylight Threshold	3 - 2000Lux
Detection radius (°)	180

Physical Data

Housing colour	Black RAL 9017
Body material	Diecast Aluminium
IP Rating	65
IK Rating	8
Diffuser Material	Tempered Glass
Diffuser finish	Clear
Nominal Product Length (mm)	200
Nominal Product Width (mm)	228
Nominal Product Height (mm)	38
Weight (kg)	0.8

Standards and Approvals

Manufactured In Accordance To	EN 60598-1
CE Mark	Yes
UKCA Mark	Yes
WEEE Symbol	Yes
Certificate Of Conformity	Available on Request
Accredited Members	LIA, ISO9001

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