

430099-PIR

Technical Specification

Exterior

Frankly PIR Floodlight 10W 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)       | 1114 |
| Luminaire Efficacy @4000K (lm/W) | 106  |
| LOR %                            | 100  |
| Colour Selectable                | No   |
| Beam Angle°                      | 110  |
| Photobiological Risk Group       | RG0  |

**Light Source Data**

|                        |            |
|------------------------|------------|
| Energy Class           | E          |
| Lm/W                   | 106        |
| Colour Temperature (K) | 4000       |
| Light Colour           | Cool White |
| CRI Ra                 | 80         |

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### Electrical Data

|                                         |                     |
|-----------------------------------------|---------------------|
| <b>Wattage (W)</b>                      | 10                  |
| <b>Total Power Consumption (W)</b>      | 10.5                |
| <b>Mains voltage (V)</b>                | 100-140   220 - 240 |
| <b>Lamp power factor</b>                | 0.96                |
| <b>Electrical protection</b>            | Class I             |
| <b>Driver Output (V)</b>                | DOB                 |
| <b>Control Gear Type CC or CV</b>       | Constant Current    |
| <b>Dimmable</b>                         | No                  |
| <b>Driver Brand</b>                     | Lumineux            |
| <b>Inrush Current (A)</b>               | 20                  |
| <b>Nominal Frequency (Hz)</b>           | 50/60               |
| <b>Surge Protection (kV)</b>            | 2                   |
| <b>Max. Luminaire per 10A C Breaker</b> | 56                  |
| <b>Max. Luminaire per 13A C Breaker</b> | 72                  |
| <b>Max. Luminaire per 16A C Breaker</b> | 89                  |
| <b>Max. Luminaire per 20A C Breaker</b> | 111                 |
| <b>Max. Luminaire per 10A B Breaker</b> | 33                  |
| <b>Max. Luminaire per 13A B Breaker</b> | 43                  |
| <b>Max. Luminaire per 16A B Breaker</b> | 53                  |
| <b>Max. Luminaire per 20A B Breaker</b> | 67                  |

### Lifetime Data

|                                     |       |
|-------------------------------------|-------|
| <b>Lifespan L70 B50 @25°C (Hrs)</b> | 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) | 145               |
| Nominal Product Width (mm)  | 152               |
| Nominal Product Height (mm) | 28                |
| Weight (kg)                 | 0.72              |

### 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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