

Exterior Lighting

Stafford LED Flood Light

 **UK Manufacture**
5 YEAR WARRANTY



Description

These LED floodlights use the latest LED technology to provide the ultimate in brightness, service life and reliability. They start instantly at full brightness, even in cold conditions, so they are suitable for use in cold areas and for PIR switching, making them even more cost effective. Reflectors are used for their efficiency and precise beam control. This also provides flexibility in design. A service life of >50,000 hours ensures reduced maintenance and costs - often important due to their inaccessible location high above the ground. High efficiency ensures these luminaires are extremely environmentally friendly helping significantly with carbon reduction programmes.

Features

Low power consumption
Instant start
Long life
Minimal maintenance
>80lm/W

Benefits

Reduced energy usage, reduced CO2
Full brightness at turn on - improved safety
Reduced maintenance costs
Reduced costs
High efficiency

Specifications

| | |
|------------------------|-------------------------------|
| Colour Temperature | 5-6000K |
| Colour Rendering Index | >75Ra depending on CCT |
| Sealing | IP65 |
| Voltage | 100-260Vac |
| Beam angle | 120° x 70° approx |
| Markings | CE |
| Efficacy | >80lm/W (typ) |
| Mounting | Stirrup |
| Weight | up to 20kg depending on model |
| Dimensions | 530 x 320 x 100 mm |
| Finish | Black Powder Coat |
| LED | CREE array |
| LED life | >50000hrs L70 B10 |
| LED modules voltage | 40Vdc |
| LED T _j | <135° C |
| Power factor | >0.9 |
| Driver | >85% efficiency |

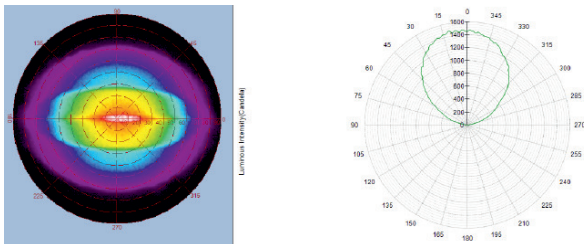
Options

| | |
|--------------------------------------|------------------------|
| Beam angle | 70° x 70°, 120° x 120° |
| Colour | RALxxx |
| Sensor operation, emergency, dimming | |
| Emergency | 400/1200lm |

Output

| Power (W) | Output (Lm) CW |
|-----------|----------------|
| 100 | 7280 |
| 120 | 9360 |
| 150 | 10920 |
| 180 | 14040 |

Luminous Intensity (example)



Ordering

STA-XXX-AA-B-CC

Where
XXX = Wattage
100, 120, 150, 180

AA = LED Colour CW, NW, WW

B = Emergency. E1 = 400lm E3 = 1200lm

CC = Dimming options D1 = 1-10, D2 = DALI

DD = Sensor options S0 = on/off, S2 = on/off with daylight sensing

Example
STA-100-CW-X-S2
100Watt in cool white with daylight sensing

Please call our sales office to discuss your requirements.

Applications

Warehouse & aisles
Cold store/ freezer rooms
Sports hall/arena/swimming pool
Recreation area
Industrial area
Loading bay
Car park
Pathways

