



## PRODUCT NAME:

FLOOD LIGHT 100W WITH PIR 8000LM

## PRODUCT CODE/S:

EL27100W

## OVERVIEW:

The CruaLux EL27100W LED Flood Light delivers professional-grade lighting performance with intelligent energy control and robust construction.

With Selectable Colour Temperature (CCT) options — Cool White (6000K), Neutral White (4000K), and Warm White (3000K) — and Adjustable Power Output (100W / 75W / 50W), this floodlight provides versatile lighting for every environment.

Equipped with an integrated PIR motion sensor, it automatically activates upon detecting movement, offering both enhanced safety and significant energy savings.

Crafted from die-cast aluminium, the EL27100W ensures excellent heat dissipation, corrosion resistance, and long-term durability. Its IP65 weatherproof and IK06 impact-resistant design makes it ideal for outdoor use in all weather conditions.

With a 10,000-lumen output and 30,000-hour lifespan, this floodlight guarantees powerful illumination, reliability, and minimal maintenance — ideal for industrial, commercial, and residential applications.

## DETAILS:

### Key Features:

Adjustable Power Output – Choose 50W, 75W, or 100W to match brightness needs and save energy.  
 Selectable Colour Temperature – Easily switch between Cool White (6000K), Neutral White (4000K), and Warm White (3000K).  
 Integrated PIR Motion Sensor – Automatically activates when motion is detected for security and efficiency.  
 Quick Release Sensor Base – Enables fast installation and maintenance.  
 Heavy-Duty Aluminum Housing – IP65-rated for all-weather outdoor performance.  
 Swivel Adjustment Knob – For precise control of light direction and sensor settings.  
 High Brightness Output (10,000 LM) – Powerful illumination for large outdoor or industrial spaces.  
 Long Lifespan (30,000 Hours) – Built to perform reliably with minimal upkeep.  
 Energy Efficient (110 LM/W) – Delivers maximum brightness with low power draw.

### Technical Specifications

Model: EL27100W  
 Material: Aluminum  
 Light Technology: LED (2835 SMD Chip)  
 Power Output: Adjustable – 100W / 75W / 50W  
 Voltage: AC 220–240V, 50Hz  
 Luminous Flux: 8,000–10,000 LM  
 CCT Adjustable: 6000K / 4000K / 3000K  
 CRI (Ra): ≥80  
 Beam Angle: 110° ±10°  
 Efficacy: 110 LM/W ±10%  
 Power Factor (PF): ≥0.9  
 Flicker Metric: PSW <1  
 SDCM: <6  
 IP Rating: IP65 (Water and Dust Resistant)  
 IK Rating: IK06 (Impact Resistant)  
 Lifetime: 30,000 Hours  
 Operating Temperature: -25°C to +40°C  
 Cable: 30cm H05RN-F3G1.0mm²  
 Brand: CruaLux by ABC Abrasives Ltd  
 Warranty: 5 Years

## STANDARDS

