

**PRECISION PRO II FLOODLIGHT 600W 102000LM 4000K 90 BEAM 170LM/W  
IP66 IK10 INTEGRAL LED BLACK**

ILFLD407



The Integral LED Precision Pro II Floodlight is a high-performance lighting solution, designed to provide exceptional illumination for sports facilities and large outdoor areas including car parks and roundabouts. With its robust construction and advanced technology, this floodlight delivers both efficiency and durability, making it an excellent choice for a variety of applications. Achieving an impressive 170lm/w efficacy, this floodlight offers a powerful output of 102,000 lumens while consuming just 600 watts. The 4000K colour temperature provides a neutral white light ideal for general outdoor lighting. For those requiring daylight white, a 5000K version is available on request. Built to withstand harsh outdoor conditions, the Precision Pro II Floodlight is rated IP66 and IK10, ensuring reliable performance in demanding environments. This product is particularly well-suited for grassroots, amateur, and regional sports clubs, offering high-quality lighting that enhances visibility. Whilst capable of lighting stadiums and arenas, this solution is not designed to meet the specific standards required for live broadcasting or televised events. Please note that lighting control and programming for this floodlight must be carried out by a third-party provider. For more information on the 5000K variant, please contact our sales team.

**Details**

<b>Barcode:</b>	5055788301868
<b>Quick Order Code:</b>	785665
<b>Category:</b>	Luminaires
<b>Range Name:</b>	Precision Pro II
<b>Product Body Finish:</b>	Matt Black
<b>Market Segment:</b>	Commercial & Industrial Outdoor
<b>Finish:</b>	Matt Black
<b>Warranty (Years):</b>	5

**Physical Data**

<b>Product Length (mm):</b>	647
<b>Product Depth (mm):</b>	64
<b>Product Width (mm):</b>	357
<b>Product Weight (g):</b>	9050
<b>Optic:</b>	Polycarbonate diffuser
<b>Material:</b>	Aluminium, Polycarbonate, Glass
<b>Construction:</b>	Aluminium, Iron and 304 Stainless Steel
<b>Bulb or Luminaire Shape:</b>	Rectangle

<b>Luminaire Fixing:</b>	Bracket for Wall & Pole Mounting
<b>Mounting Type:</b>	Pre Wired 1M flex
<b>Placement / Application:</b>	Outdoor, General Lighting

## Electrical Data

<b>Power Consumption (W) :</b>	600
<b>Power Factor:</b>	0.9
<b>Voltage Range (v):</b>	220-240
<b>Input Voltage (V):</b>	220-240
<b>Dimming:</b>	Non-Dimmable
<b>Driver Included:</b>	Yes
<b>Electric Current:</b>	AC
<b>EN:</b>	EN-60598
<b>LVD Certified:</b>	Yes

## Light Data

<b>Beam Type:</b>	Symmetrical
<b>Luminous Flux in Lumens (lm):</b>	102000
<b>Luminous efficacy (lm/W):</b>	170
<b>Correlated Colour Temperature (CCT) (K):</b>	4000
<b>Colour Temperature Name:</b>	Cool White
<b>Beam Angle:</b>	90
<b>Colour Rendering Index (CRI):</b>	70
<b>Frequency Range (Hz):</b>	50/60
<b>Instant on (Less than 1 second):</b>	Yes
<b>LED Type:</b>	Surface mounted device (SMD)
<b>Lifetime (hours):</b>	50000
<b>Sensor / Override:</b>	No
<b>Switching Cycles:</b>	25000
<b>Useful Lumens (lm):</b>	102000

## Environment

<b>EN:</b>	EN-60598
<b>LVD Certified:</b>	Yes
<b>CE RoHS:</b>	Yes
<b>Hg 0% (Mercury Free):</b>	Yes
<b>IK Rating (Impact Protection):</b>	IK10
<b>IP Rating (Ingress Protection):</b>	IP66
<b>Lowest Operating Temperature (°C):</b>	-30
<b>Maximum Operating Temperature (°C):</b>	50

## Packaging

<b>Barcode:</b>	5055788301868
<b>Package Weight (g):</b>	9050
<b>Package Length (mm):</b>	600
<b>Package Width (mm):</b>	400
<b>Package Depth (mm):</b>	150

