

# eLighting

## INDUSTRO-LED FLOOD LIGHT

Engineered with purpose and built to withstand the most challenging environments. The Industro-Flood delivers class leading capability with effortless efficiency. Progressive in its nature, the Industro-Flood challenges the status quo by delivering the highest quality of light.

The formidable flood light embodies South African ingenuity by way of locally designing, manufacturing and exporting World class flood lights for use in varying applications such as High-masts, sports fields, commercial and industrial areas.



**MADE IN**  **SOUTH AFRICA**

**5 YEAR WARRANTY**



### FEATURES

140 -165LM/W\*

IP65 IK08

4KV built in Surge protection

Corrosion Resistant

30° 60° 90° 120° Beam Angles

Replaces HPS & HID

50 000hrs

Energy Efficient

Low Maintenance

Made in South Africa

### Construction & Installation

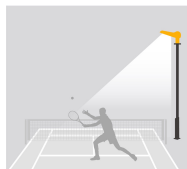
Designed for easy installation and to serve as a long term high light output energy saving flood light. The Industro-Flood lights are constructed primarily from combination of steel casing and brackets, aluminium heatsinks as well as high impact polycarbonate diffusers. Its durable and rugged design makes it the perfect area lighting solution for a wide array of South African Coastal or Inland applications. The Industro-Flood is easy to install with a Multi-angle secure lock steel stirrup.

### Electrical Specifications

Custom built to effectively operate in South African conditions on 230V line voltage with a tolerance from 100 ~ 305V AC. 50W, 100W, 150W, 200W, 300W, 400W, 600W & 800W options are available. Powered by the reassuringly resilient brand of Meanwell electronic drivers. The flood light and control set offering unmatched reliability with reduced harmonic distortion, no visible flicker or emi interference. Built in 4KV Surge Protection.

### Applications

Suitable for general area lighting, Sports fields, Car parks, Warehouses & High-mast



### Storage and Operation

Rated Power

Electrical Classification

Ingress Protection

Operating T°

Operating Humidity

Storage T°

50W - 800W

Class II

IP65

-25 ~ +45°C

0~95%

-25 ~ +65°C

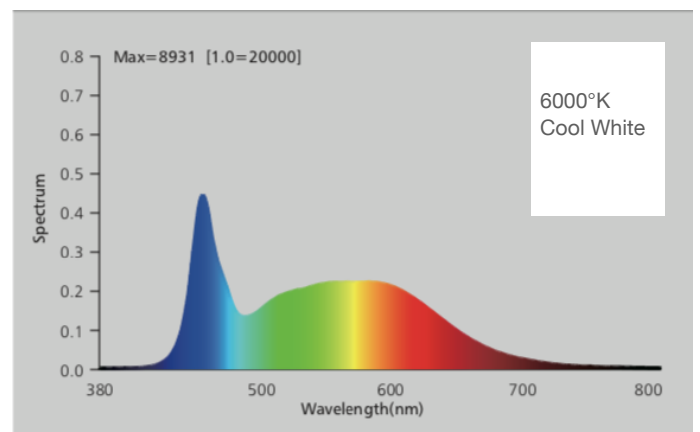
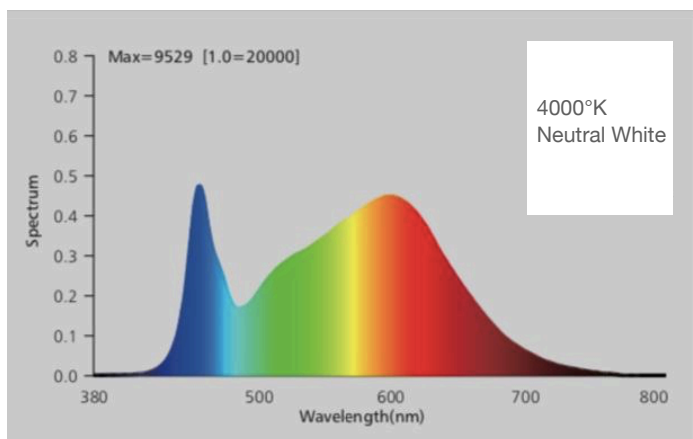
# Photometric Specifications

## Models

Model	Power	Luminous Flux	Colour	Beam Angle	CRI	LED
i50FL	50W	7000 - 8250lm*	4000K & 6000K	30° 60° 90° 120°	70 / 80	3030 SMD
i100FL	100W	14000 - 16500lm*	4000K & 6000K	30° 60° 90° 120°	70 / 80	3030 SMD
i150FL	150W	21000 - 24750lm*	4000K & 6000K	30° 60° 90° 120°	70 / 80	3030 SMD
i200FL	200W	28000 - 33000lm*	4000K & 6000K	30° 60° 90° 120°	70 / 80	3030 SMD
i300FL	300W	42000 - 49500lm	4000K & 6000K	30° 60° 90° 120°	70 / 80	3030 SMD
i400FL	400W	56000 - 66000lm*	4000K & 6000K	30° 60° 90° 120°	70 / 80	3030 SMD
i600FL	600W	84000 - 99000lm*	4000K & 6000K	30° 60° 90° 120°	70 / 80	3030 SMD
i800FL	800W	112000 - 132000lm*	4000K & 6000K	30° 60° 90° 120°	70 / 80	3030 SMD

\*Total Luminous flux may slightly vary >5% on correlated colour temperature and light distribution beam angle. IES files are available on specific models  
 \*LEDs are available in standard 70Ra & 80Ra

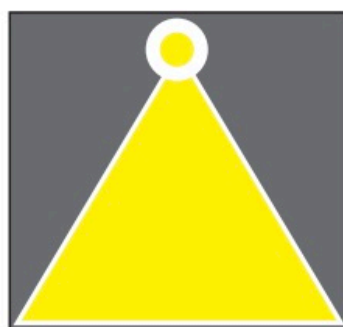
## Spectral Data



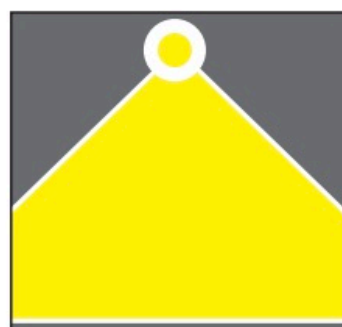
## Light Distribution options



30°



60°



90°



120°

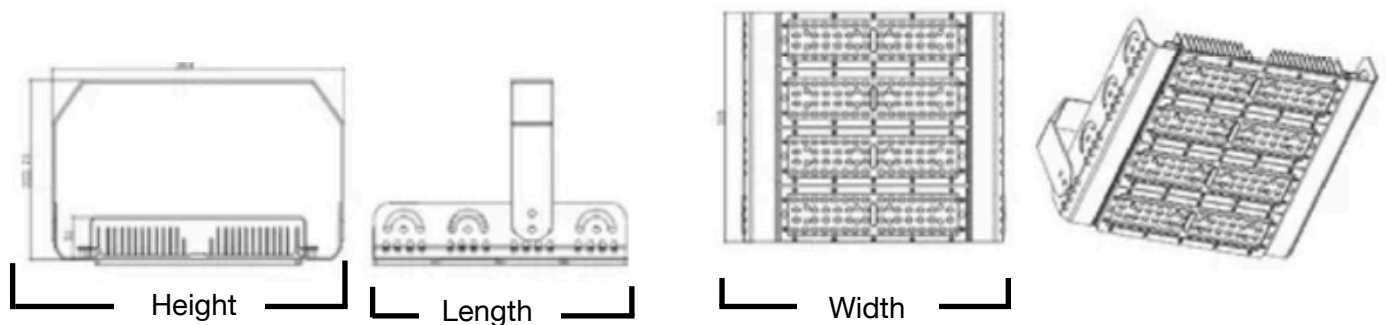
## Electro-Mechanical Data

Model	Power	Input Voltage	Line Frequency	Power Factor	IP Rating	IK Rating	Surge Protection
i50FL	50W	100 - 305V AC	50Hz	0.95	65	8	4KV built in
i100FL	100W	100 - 305V AC	50Hz	0.95	65	8	4KV built in
i150FL	150W	100 - 305V AC	50Hz	0.95	65	8	4KV built in
i200FL	200W	100 - 305V AC	50Hz	0.95	65	8	4KV built in
i300FL	300W	100 - 305V AC	50Hz	0.95	65	8	4KV built in
i400FL	400W	100 - 305 AC	50Hz	0.95	65	8	4KV built in
i600FL	600W	100 - 305V AC	50Hz	0.95	65	8	4KV built in
i800FL	800W	100 - 305V AC	50Hz	0.95	65	8	4KV built in

Protection: Over current - Constant current limiting, recovers automatically after fault condition is removed. Short circuit - Hiccup mode, recovers automatically after fault condition is removed. Over Voltage - Shut down and latch off o/p voltage, re-power on to recover. Meanwell HLG Driver.  
 Vibration: 10 ~ 500Hz, 5G 12min./1cycle, period for 72min. each along X, Y, Z axes

SAFETY STANDARDS UL1012, CAN/CSA-C22.2 No. 107.1-01, UL8750(type"HL"), CSA C22.2 No. 250.0-08; EN/AS/NZS 61347-1,EN/AS/NZS 61347-2-13 independent (except for HLG-240H C type); UL60950-1(except for AB type),UL8750,TUV EN60950-1;GB19510.1GB19510.14; IP65 or IP67;J61347-1,J61347-2-13(except for B,AB and D-type),BIS IS15885( for 48V only),EAC TP TC 004,KC61347-1,KC61347-2-13(except for AB,C,D-type) approved Meanwell HLG Driver range

## Dimensions



Model	Power	Length	Height	Width	Weight
i50FL	50W	70mm	190mm	320mm	2.0kg
i100FL	100W	150mm	220mm	320mm	3.2Kg
i150FL	150W	230mm	250mm	320mm	4.3Kg
i200FL	200W	310mm	280mm	320mm	5.9Kg
i300FL	300W	460mm	310mm	320mm	8.6Kg
i400FL	400W	620mm	310mm	320mm	10.3Kg
i600FL	600W	460mm	310mm	620mm	17.0Kg
i800FL	800W	620mm	310mm	600mm	21.6Kg

\*Net weight excluding packaging

