INDUSTRIAL LED · DATASHEET

Industrial LED Flood Lights

From 50 W yard floods to 2 000 W high-mast and sports lighting.



Overview

Two ranges, one job: put usable light on yards, stockpiles, loading bays, perimeters and fields. The local range covers 50–200 W. The heavy range goes to 400 W, 1 000 W and 2 000 W for high masts and sports.

Local flood range
Steel casing and bracket with aluminium heatsinks. 50, 100, 150 and 200 W.

Heavy & high-mast range
400 W, 1 000 W and 2 000 W with Bridgelux 140 lm/W light engine.

Four optics
30°, 60°, 90° or 120° to throw light where it's needed.

5-year warranty
Mean Well high-performance drivers across both ranges.

Models

Model	Power	Luminous flux	Range
UN-FL-L-050W120-5Y	50 W	7 000 lm	Local flood
UN-FL-L-100W120-5Y	100 W	14 000 lm	Local flood
UN-FL-L-150W120-5Y	150 W	21 000 lm	Local flood
UN-FL-L-200W120-5Y	200 W	28 000 lm	Local flood
UN-FL-400W-5Y	400 W	140 lm/W engine	Heavy / high-mast
UN-FL-1000W-5Y	1 000 W	140 lm/W engine	Heavy / high-mast
UN-FL-2000W-5Y	2 000 W	140 lm/W engine	Heavy / high-mast

Heavy-range lumen packages are confirmed per optic on your quote.

Specifications

Colour temperature	Local: 4000 K & 6000 K · Heavy: 3000 K / 4000 K / 6000 K
Input voltage	Local: 100–305 V AC · Heavy: 90–300 V AC
Driver	Mean Well high-performance LED driver
Ingress protection	IP65 (local range) · heavy range on request
Warranty	5 years
Beam angle	30° / 60° / 90° / 120°
Power factor	0.95 (local) · >0.95 (heavy)
Housing	Local: steel casing & bracket, aluminium heatsinks · Heavy: aluminium
Rated life	50 000 hours
Standard (per spec sheet)	SANS / IEC 60598-2-1

Specifications are subject to change without notice. The model, warranty and specification on your written ULTRANOVA quotation apply. IES files and test certificates are available on request.

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