LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



LED FLOODLIGHTS · ELECTRON FLOODLIGHTS WITH HAT

Electron Floodlights with Hat 5×1

Electron floodlight with a visor for glare and spill control.

POWER **1200–1500 W**	LUMINOUS FLUX **120000–195000 lm**	EFFICACY **100–130 lm/W**	INGRESS **IP66**
IMPACT **IK09**	COLOUR TEMP. **3000 K / 4000 K / 6500 K**	LED LIFE **50,000 hours**	ELECTRICAL CLASS **Class I / Class II**

Applications Industry & logistics · Sports facilities

Product summary

LED Brands	CREE / Samsung / Osram / Philips	**Driver**	Philips ENEC-certified LED driver
Efficacy (lm/W)	100–130 lm/W	**Coating Colour**	RAL Code 9006 (Optional)
Electrical Protection Class	Class I / Class II	**Standards Compliance**	EN 60598-2-5; EN 60598-1

Production can be tailored to special demands.

Technical specifications

LED MODULE

CRI	>70 / >80 (Optional)
Colour Temperature CCT	3000 K / 4000 K / 6500 K (Optional)
Light Source	High Power LED
LED Life	50,000 hours
Optical Light Distribution	Symmetric / Asymmetric (Optional)
Mounting Console	Included

ELECTRICAL AND DRIVER PROPERTIES

Input Voltage	220–240 V AC, 50–60 Hz
Power Factor	>0.95
Dimming / Control Interfaces	Step Dim; 1–10 V; DALI; Zhaga Socket
Driver	Philips ENEC-certified LED driver

Dimensions (a × b × c)	550 × 740 × 200 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Mounting Console	Included
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
5X1R.FL.0.1200	1200	120000	100
5X1R.FL.1.1500	1500	150000	100
5X1R.FL.2.1200	1200	132000	110
5X1R.FL.3.1500	1500	165000	110
5X1R.FL.4.1200	1200	144000	120
5X1R.FL.5.1500	1500	180000	120
5X1R.FL.6.1200	1200	156000	130
5X1R.FL.7.1500	1500	195000	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09 · Class I / Class II

Standards compliance: EN 60598-2-5; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/floodlights/electron-hat/floodlights-with-hat-electron-5×1/**