LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



LED FLOODLIGHTS · ELECTRON FLOODLIGHTS WITH HAT

Electron Floodlights with Hat 1×1

Electron floodlight with a visor for glare and spill control.

POWER **200–250 W**	LUMINOUS FLUX **22000–32500 lm**	EFFICACY **110–130 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)	110–130 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)	600 × 220 × 150 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)
1X1R.FL.00.200	200	22000	110
1X1R.FL.01.250	250	27500	110
1X1R.FL.02.200	200	24000	120
1X1R.FL.03.250	250	30000	120
1X1R.FL.04.200	200	26000	130
1X1R.FL.05.250	250	32500	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-1×1/**