LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
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LED FLOODLIGHTS · DYNAMICS FLOODLIGHTS

Dynamics Floodlight 1×1

Modular high-power floodlight in 16 sizes, from 1×1 to 3×16 LED modules.

POWER **30–50 W**	LUMINOUS FLUX **3300–6500 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 Sports facilities · Industry & logistics

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)	220 × 245 × 115 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)
1×1M.FL.00.030	30	3300	110
1×1M.FL.01.040	40	4400	110
1×1M.FL.02.050	50	5500	110
1×1M.FL.03.030	30	3600	120
1×1M.FL.04.040	40	4800	120
1×1M.FL.05.050	50	6000	120
1×1M.FL.06.030	30	3900	130
1×1M.FL.07.040	40	5200	130
1×1M.FL.08.050	50	6500	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/dynamics/floodlights-dynamics-1×1/**