LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

**PRODUCT DATASHEET**
REV. 2026-11-12



LED FLOODLIGHTS · M-SERIES FLOODLIGHTS

# M-Series Floodlight 4M

M-series modular floodlights with one to four LED modules.

| | | | |
|---|---|---|---|
| POWER<br>**160–200 W** | LUMINOUS FLUX<br>**17600–26000 lm** | EFFICACY<br>**110–130 lm/W** | INGRESS<br>**IP66** |
| IMPACT<br>**IK09** | COLOUR TEMP.<br>**3000 K / 4000 K / 6500 K** | LED LIFE<br>**50,000 hours** | ELECTRICAL CLASS<br>**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)** | 375 × 260 × 15 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) |
|---|---|---|---|
| 4MFL.FL.00.160 | 160 | 17600 | 110 |
| 4MFL.FL.01.200 | 200 | 22000 | 110 |
| 4MFL.FL.02.160 | 160 | 19200 | 120 |
| 4MFL.FL.03.200 | 200 | 24000 | 120 |
| 4MFL.FL.04.160 | 160 | 20800 | 130 |
| 4MFL.FL.05.200 | 200 | 26000 | 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/fl-m/floodlights-4m/**