LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 1×2M

Modular LED road and park luminaire, from one to five LED modules.

POWER **80–100 W**	LUMINOUS FLUX **8800–13000 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 Roads & highways · Parks & pathways

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 60598-2-3; 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	Asymmetric / Symmetric (Optional)

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

Console Entry (mm)	48 / 60 / 76
Dimensions (a × b × c)	455 × 120 × 152 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	PMMA Lens
Gasket	Silicone gasket
Console Entry	48 / 60 / 76 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
B1X2M.ST.00.080	80	8800	110
B1X2M.ST.01.080	80	9600	120
B1X2M.ST.02.080	80	10400	130
B1X2M.ST.03.100	100	11000	110
B1X2M.ST.04.100	100	12000	120
B1X2M.ST.05.100	100	13000	130

Standards & certifications

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

Standards compliance: EN 60598-2-3; EN 60598-1

Full product page and quotation request: **https://solarstreetlighting.net/en/products/road-street/bella/road-and-street-luminaire-bella-1×2m/**