LuxLuminaire
Lighting solutions

A MIR GROUP COMPANY

PRODUCT DATASHEETS

Road & Street Luminaires catalogue

Solar and LED outdoor lighting, designed and manufactured in Türkiye.

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PRODUCT DATASHEET
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ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 1M

Modular LED road and park luminaire, from one to five 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**	

Applications Roads & highways · Parks & pathways

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)
Console Entry (mm)	48 / 60 / 76
Dimensions (a × b × c)	365 × 120 × 152 mm

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

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium body
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)
BE1M.ST.00.030	30	3300	110
BE1M.ST.01.040	40	4400	110
BE1M.ST.02.050	50	5500	110
BE1M.ST.03.030	30	3600	120
BE1M.ST.04.040	40	4800	120
BE1M.ST.05.050	50	6000	120
BE1M.ST.06.030	30	3900	130
BE1M.ST.07.040	40	5200	130
BE1M.ST.08.050	50	6500	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · IP66 · IK09

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

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PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 1M.RS

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

POWER **40–50 W**	LUMINOUS FLUX **4400–6500 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 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)	250 × 112 × 95 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium body
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)
PARK.RS.01.040	40	4400	110
PARK.RS.02.040	50	5500	110
PARK.RS.03.040	40	4800	120
PARK.RS.04.040	50	6000	120
PARK.RS.05.040	40	5200	130
PARK.RS.06.040	50	6500	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-park-luminaire-bella-1m-rs/**

LuxLuminaire Lighting solutions
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PRODUCT DATASHEET
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ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 2M

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

POWER **80 W**	LUMINOUS FLUX **8000–10400 lm**	EFFICACY **100–130 lm/W**	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)	100–130 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)
Console Entry (mm)	48 / 60 / 76
Dimensions (a × b × c)	455 × 112 × 95 mm

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

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium body
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)
PARK.RD.00.080	80	8000	100
PARK.RD.01.080	80	8800	110
PARK.RD.02.080	80	9600	120
PARK.RD.03.080	80	10000	125
PARK.RD.04.080	80	10400	130

Standards & certifications

TSE · CE · EAC · ENEC · EMC · 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-park-luminaires-bella-2m/**

LuXLuminaire Lighting solutions
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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/**

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PRODUCT DATASHEET
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ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 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)
Console Entry (mm)	48 / 60 / 76

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)	455 × 120 × 152 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser	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)
BE2M.ST.00.080	80	8800	110
BE2M.ST.01.100	100	11000	110
BE2M.ST.02.080	80	9600	120
BE2M.ST.03.100	100	12000	120
BE2M.ST.04.080	80	10400	130
BE2M.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-luminaires-bella-2m/**

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ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 2M.RS

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

POWER **80–100 W**	LUMINOUS FLUX **8000–12000 lm**	EFFICACY **100–120 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)	100–120 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 body
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)
PARK.RS.01.080	80	8000	100
PARK.RS.02.080	80	8800	110
PARK.RS.03.080	80	9600	120
PARK.RS.04.100	100	10000	100
PARK.RS.05.100	100	11000	110
PARK.RS.06.100	100	12000	120

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-luminaires-bella-2m-rs/**

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PRODUCT DATASHEET
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ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 3M

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

POWER **120–150 W**	LUMINOUS FLUX **13200–19500 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)
Console Entry (mm)	48 / 60 / 76

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)	535 × 120 × 152 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium body
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)
BE3M.ST.00.120	120	13200	110
BE3M.ST.01.150	150	16500	110
BE3M.ST.02.120	120	14400	120
BE3M.ST.03.150	150	18000	120
BE3M.ST.04.120	120	15600	130
BE3M.ST.05.150	150	19500	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-luminaires-bella-3m/**

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PRODUCT DATASHEET
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ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 2×2M

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

POWER **160–200 W**	LUMINOUS FLUX **17600–26000 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 × 240 × 152 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser	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)
B2X2M.ST.00.160	160	17600	110
B2X2M.ST.01.160	160	19200	120
B2X2M.ST.02.160	160	20800	130
B2X2M.ST.03.200	200	22000	110
B2X2M.ST.04.200	200	24000	120
B2X2M.ST.05.200	200	26000	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-2×2m/**

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ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 4M

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

POWER **160–200 W**	LUMINOUS FLUX **17600–26000 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)
Console Entry (mm)	48 / 60 / 76

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)	620 × 120 × 152 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium body
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)
BE4M.ST.00.160	160	17600	110
BE4M.ST.01.200	200	22000	110
BE4M.ST.02.160	160	19200	120
BE4M.ST.03.200	200	24000	120
BE4M.ST.04.160	160	20800	130
BE4M.ST.05.200	200	26000	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-luminaires-bella-4m/**

LuXLuminaire Lighting solutions
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PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 3×2M

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

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 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)	485 × 240 × 152 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium body
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)
B3X2M.ST.00.200	200	22000	110
B3X2M.ST.01.200	200	24000	120
B3X2M.ST.02.200	200	26000	130
B3X2M.ST.03.250	250	27500	110
B3X2M.ST.04.250	250	30000	120
B3X2M.ST.05.250	250	32500	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-3×2m/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · BELLA ROAD & STREET LUMINAIRES

Bella Road & Street Luminaire 5M

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

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 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)
Console Entry (mm)	48 / 60 / 76

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)	700 × 120 × 152 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium body
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)
BE5M.ST.00.200	200	22000	110
BE5M.ST.01.250	250	27500	110
BE5M.ST.02.200	200	24000	120
BE5M.ST.03.250	250	30000	120
BE5M.ST.04.200	200	26000	130
BE5M.ST.05.250	250	32500	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-luminaires-bella-5m/**

LuXLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · RIO ROAD & STREET LUMINAIRES

Rio Road & Street Luminaires

Slim, compact side-entry LED luminaire for urban roads and residential streets.

POWER **70–150 W**	LUMINOUS FLUX **7700–19500 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

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)
Console Entry (mm)	48

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)	545 × 265 × 85 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser	4 mm Tempered Glass
Gasket	Silicone gasket
Console Entry	48 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
RIO.ST.00.070	70	7700	110
RIO.ST.01.100	100	11000	110
RIO.ST.02.120	120	13200	110
RIO.ST.03.150	150	16500	110
RIO.ST.04.070	70	8400	120
RIO.ST.05.100	100	12000	120
RIO.ST.06.120	120	14400	120
RIO.ST.07.150	150	18000	120
RIO.ST.08.070	70	9100	130
RIO.ST.09.100	100	13000	130
RIO.ST.10.120	120	15600	130
RIO.ST.11.150	150	19500	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/rio/road-and-street-luminaires-rio/**

LuxLuminaire Lighting solutions
A MIR GROUP COMPANY

PRODUCT DATASHEET
REV. 2026-11-12



ROAD & STREET LUMINAIRES · ARTA ROAD & STREET LUMINAIRES

Arta Road & Street Luminaires

LED road and street luminaire for urban roads, car parks and access roads.

POWER **70–150 W**	LUMINOUS FLUX **7700–19500 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

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)
Console Entry (mm)	48

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)	545 × 265 × 85 mm

MECHANICAL AND DIMENSION PROPERTIES

Housing	Aluminium
IK	IK09
IP	IP66
Diffuser - Front Cover	4 mm Tempered Glass
Gasket	Silicone gasket
Console Entry	48 mm
Paint RAL Code	9006 / Any RAL Code

Variants

Code	Power (W)	Luminous Flux (lm)	Efficacy (lm/W)
ARTA.ST.00.070	70	7700	110
ARTA.ST.01.100	100	11000	110
ARTA.ST.02.120	120	13200	110
ARTA.ST.03.150	150	16500	110
ARTA.ST.04.070	70	8400	120
ARTA.ST.05.100	100	12000	120
ARTA.ST.06.120	120	14400	120
ARTA.ST.07.150	150	18000	120
ARTA.ST.08.070	70	9100	130
ARTA.ST.09.100	100	13000	130
ARTA.ST.10.120	120	15600	130
ARTA.ST.11.150	150	19500	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/arta/road-and-street-luminaires-arta/**