

BIRA PM

General data:

Luminaire body:	aluminum
Mounting type:	pole Ø60/100mm, Ø76/100mm
Ingress protection IP:	67
Operating temperature range:	from -40° to +45°
Lifetime L80B10:	100 000h
impact protection IK:	10

Optical data:

Optical system:	lens
Material:	PMMA
Light emission:	direct
Light distribution:	symmetrical, asymmetrical

Lighting data:

Type of source:	LED
Colour rendering index:	CRI>80 (options: CRI>90)
Tolerance of luminous flux:	+/-10%
Colour tolerance:	SDCM<3
Colour temperature:	2700K, 3000K, 4000K (options: 6500K, amber, red, blue, green)

Electrical data:

Nominal voltage:	220-240V AC; 24V DC
Nominal frequency:	50-60Hz; DC
Protection class:	I
Contains light source:	yes
Dimming:	ON-OFF, DALI
luminaire nominal power:	25W, 47W
connection:	wire 3x1mm ² (5x0,75mm ² for DALI)
wiring:	standard
connection wire:	0,25m
power supply:	inside the luminaire

BIRA PM is a luminaire head designed for direct mounting on poles with a Ø60/100mm, Ø76/100mm ending (the pole is not included in the set). It is equipped with an optical module offering a wide range of beam angles, allowing precise light distribution and uniform illumination of horizontal surfaces with minimal glare.

The luminaire body, made of durable materials, provides protection against corrosion and mechanical damage. Its IP67 rating ensures full resistance to water and dust, making it suitable for installation in demanding outdoor conditions.

BIRA PM is designed for lighting roads, pedestrian pathways, parking lots, and recreational areas. It combines high luminous efficiency with robust construction and easy installation.



E- electronics 230V

O- on-off

D-DALI

L – lens

10 – 10°

20 – 20°

30 – 30°

40 – 40°

60 – 60°

41 – 45°x10° oval

8- 8° wall-washing

45- 45° wall-washing

02- asymmetrical

03- street light



white
03

grey
06

anthracite
70

black
05

C- colour

Catalogue code	Luminaire light flux	Power	Color temperature	Dimensions
9523.02ELC	2802lm	25W	2700K	Ø76/100mm pole mount
9523.03ELC	3012lm	25W	3000K	Ø76/100mm pole mount
9523.04ELC	3205lm	25W	4000K	Ø76/100mm pole mount
9524.02ELC	5603lm	47W	2700K	Ø76/100mm pole mount
9524.03ELC	6025lm	47W	3000K	Ø76/100mm pole mount
9524.04ELC	6409lm	47W	4000K	Ø76/100mm pole mount
9527.02ELC	2802lm	25W	2700K	Ø60/100mm pole mount
9527.03ELC	3012lm	25W	3000K	Ø60/100mm pole mount
9527.04ELC	3205lm	25W	4000K	Ø60/100mm pole mount
9527.02ELC	5603lm	47W	2700K	Ø60/100mm pole mount
9527.03ELC	6025lm	47W	3000K	Ø60/100mm pole mount
9527.04ELC	6409lm	47W	4000K	Ø60/100mm pole mount