



# BRP371/372/373 – simple, economical and reliable

## GreenVision BRP371/372/373

The call for innovative sustainable development is driving an increase in LED road installations in city environments. At the same time, customers are concerned that the total cost of the solution should remain within budget.

BRP371/372/373 is a simple, economical and reliable LED road-lighting solution that delivers substantial energy savings compared with conventional fixtures. Its neutral white light ensures visual comfort for all road users. Lifetime reliability is assured, with excellent thermal management helping to prevent early LED failure. Installation is easy, and maintenance of the driver box can be carried out without the use of tools on the pole. BRP371/372/373 also offers wireless point-to-point luminaire control.

### Benefits

- Optimized energy saving – 50% saving compared with SON
- Easy to install and maintain; driver box – tool-free maintenance on the pole
- Wireless point-to-point luminaire control

### Features

- Excellent thermal management
- Tool-free maintenance
- Neutral white light (4000 K)
- Dedicated lens for different road configurations
- Lightweight housing design



# PHILIPS

### Application

- Expressways, highways
- Major roads, secondary roads
- Industrial roads, residential roads

### Specifications

• Type	BRP371 (422 mm length version) BRP372 (522 mm length version) BRP373 (853 mm length version)	• Controls system input	1-10 V
• Light source	Integral LED-module	• Optic	Road-medium (DM2E), road-wide (DW2), road-narrow (DN)
• Power	55-305 W depending on product	• Optical cover	Glass, flat
• Beam angle	150°	• Material	Housing, gear cover, clip: high-pressure die-cast aluminum, non-corrosive Glass: thermally hardened, 5 mm thick Gear tray: steel
• Luminous flux	4800-28,200 lm depending on product	• Color	Canopy, cover, clip: gray (RAL7040)
• Luminaire efficacy	90 lm/W	• Connection	Push-in connector with 3 poles
• Correlated Color Temperature	4000 K	• Maintenance	Toolless for driver maintenance Opening by one clip No internal cleaning required
• Color Rendering Index	75	• Installation	Recommended mounting height: 8-12 m Side-entry mounting: lateral entry Ø 48-60 mm Standard tilt angle post top: 5-15° Max SCx: 0.13 m <sup>2</sup> (422 mm length version), 0.16 m <sup>2</sup> (522 mm length version), 0.26 m <sup>2</sup> (853 mm length version)
• Maintenance of lumen output - L70	50,000 hours at 35 °C	• Cable gland	M20
• Driver failure rate	0.05% per 5000 hours		
• Operating temperature range	-40 to +55 °C		
• Driver	Separate (non-self ballasted LED-module)		
• Mains voltage	220-240 V / 50-60 Hz		
• Inrush current	108 A		
• Dimming	Yes		

### Related products



BRP371 road-lighting LED luminaire

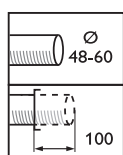


BRP372 road-lighting LED luminaire

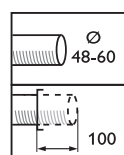
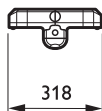
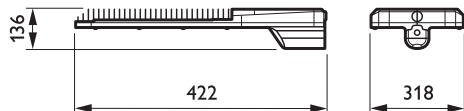


BRP373 road-lighting LED luminaire

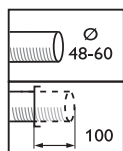
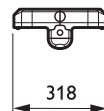
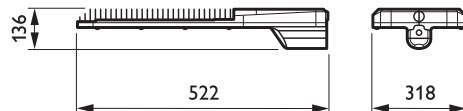
## Dimensional drawing



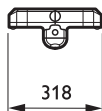
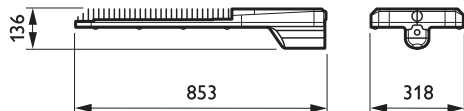
BRP371 LED48/NW 55W 220-240V DN



BRP372 LED141/NW 150W 220-240V DM2E



BRP373 LED175/NW 195W 220-240V DM2E



## Product details



Back view

## General information

Order code	Product family code	Lamp family code	Light source color	Mech. impact protection code	Optic type	Optical cover/lens type
911401668801	BRP371	LED48	NW	IK08	DN	FG
911401668901	BRP371	LED64	NW	IK08	DN	FG
911401669901	BRP371	LED79	NW	IK08	DM2E	FG
911401669001	BRP372	LED141	NW	IK08	DM2E	FG
911401670101	BRP372	LED111	NW	IK08	DM2E	FG
911401670201	BRP372	LED126	NW	IK08	DM2E	FG
911401669101	BRP373	LED175	NW	IK08	DM2E	FG
911401669201	BRP373	LED190	NW	IK08	DM2E	FG
911401669301	BRP373	LED206	NW	IK08	DW2	FG
911401669401	BRP373	LED221	NW	IK08	DM2E	FG
911401669501	BRP373	LED236	NW	IK08	DM2E	FG
911401669601	BRP373	LED251	NW	IK08	DM2E	FG
911401669701	BRP373	LED267	NW	IK08	DM2E	FG
911401669801	BRP373	LED282	NW	IK08	DM2E	FG



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