

The Philips logo is displayed in blue capital letters on a white background.The text "Road Lighting" is written in white on an orange background.The text "GreenVision Xceed" is written in white on a yellow background.

Make roads safer sustainably with **GreenVision Xceed**

Lighting up streets and roads enhance the comfort, security and overall safety of our rapidly growing urban environments. Our GreenVision Xceed makes an affordable LED road lighting solution that ensures sufficient light on your roads.

It is designed to achieve better light uniformity and maximum spacing between poles for both pedestrian and vehicle road applications. With its die-cast aluminum housing and Philips LED platform, it is easy to maintain, has a long lifetime and a consistency you can count on. It also offers 3 housing sizes and a range of beam optics to fully cater to different road configurations and conditions.

GreenVision Xceed offers 50% of energy savings compared to conventional lamp systems, making it the perfect sustainable lighting solution for any emerging metropolis.



Benefits

- **Up to 50% energy savings.** Uses significantly less energy than conventional street lighting solutions
- **Ease of maintenance.** Tool-less opening of gear compartment & gear tray replacement.
- **Long fixture lifetime.** Solid die-cast housing design with ingress (IP) and Surge protection.
- **Long system lifetime.** Excellent thermal management that reduces early failures.

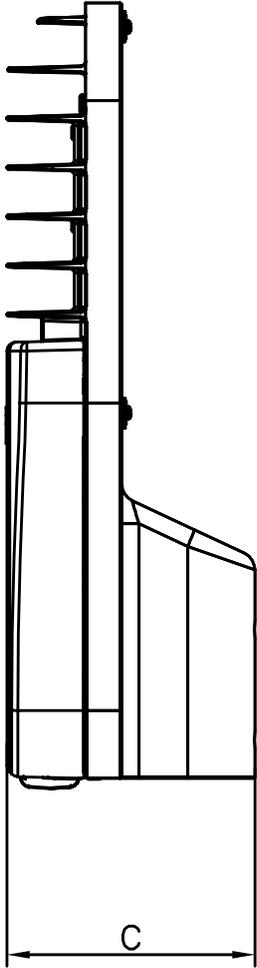
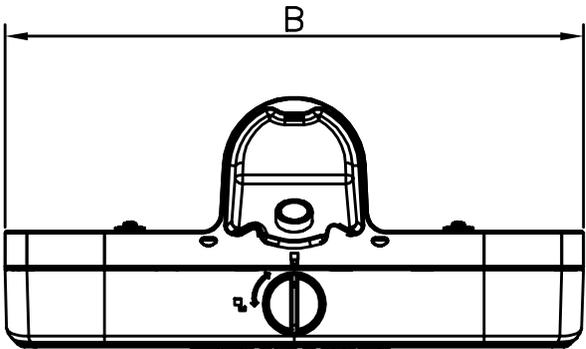
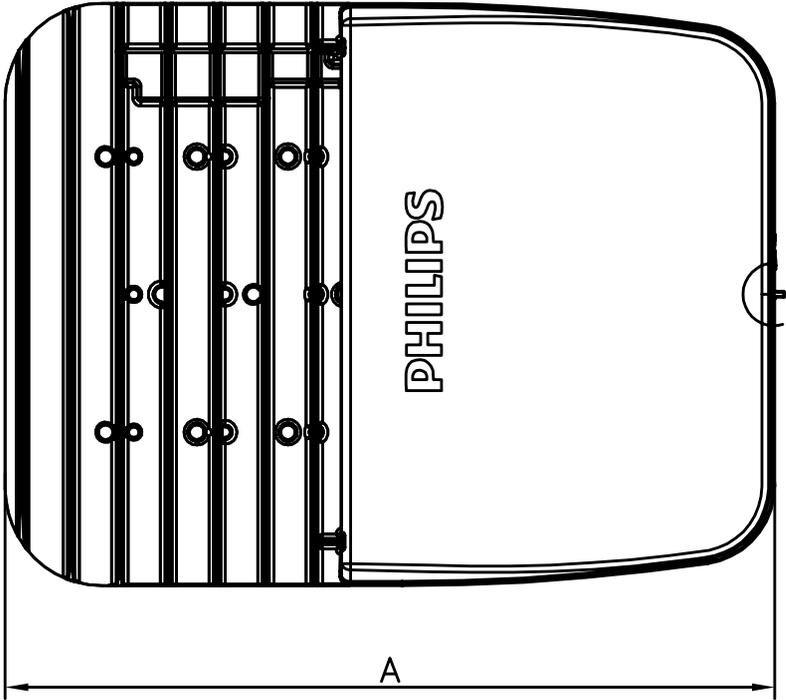
Features

- World class, approbated quality components (LEDs / Driver / etc.)
- Superior W/m² performance delivered through different optics for greater flexibility to fit different road applications
- Control options for standalone or Tele-managed controls
- High quality cool and neutral white light with high color consistency

Applications

- Pedestrian category roads (P1-P6)
- Vehicle category roads (M1-M6)

Dimensional drawing



No.	Type	LWH= A X B X C(mm)
1	Small version	422 X 318 X 136
2	Middle version	522 X 318 X 136
3	Big version	853 X 318 X 136

Product data

General Characteristics

Type	BRP371/372/373
Lifetime	50,000 hours (70% lumen maintenance @ Ta = 35°C)
Optics	DM, DW1, DW2, DW2s, DW2m
Luminous Efficacy	115 lm/w (Typical) upto 130 lm/w

Light Technical Characteristics

Light source	LED
LED driver	Constant current or programmable driver options
System lumen output	Up to 36,600 lumen
Color rendering index	Minimum 70
Color Temperature	CW-5700K / NW-4000K / WW-3000K ± 500K

Electrical Characteristics

Power requirement	220-240V 50/60Hz
Power factor	> 0.95 (nominal power)
Drive current	100mA - 700mA

Environmental Characteristics

Installation	Φ48-60mm pole, side entry
Windage area	BRP371:0.134m ² ; BRP372:0.166m ² ; BRP373:0.271m ²
Mounting height	< 12 m
Working temperature	- 40°C < Ta < 55°C
Wind force	Up to 60m/s
Relative humidity	Up to 95%RH

Mechanical

Housing material	High pressure die-cast aluminum
Gasket material	Heat resistant silicone rubber
Glass	Tempered glass
Finishing	Gray Paint RAL7040

Product Data

Dimensions (LxWxH)	BRP371 : 422 x 318 x 136mm BRP372 : 522 x 318 x 136mm BRP373 : 853 x 318 x 136mm
Weight	BRP371 : 6.5kg; BRP372 : 8kg; BRP373 : 14kg
Certifications	CB IEC 60598, CQC, AS/NZS 1158
Classifications	IP66; IK08; Class I; RoHS
Surge protection	10KV
Control options	Standalone dimming program Tele-managed CityTouch, StarSense and AmPLight compatible NEMA and D2 Type PE Cell
Maintenance	Tool-less opening of gear compartment Tool-less gear tray replacement
Ordering information	BRP371 LED42/NW 37W 220-240V DM MP1 BRP371 LED63/NW 55W 220-240V DM MP1 BRP371 LED86/NW 75W 220-240V DM MP1 BRP371 LED87/CW 75W 220-240V DW2s PSR BRP371 LED103/NW 90W 220-240V DM MP1 BRP371 LED126/NW 110W 220-240V DM MP1 BRP372 LED150/NW 125W 220-240V DM MP1 BRP372 LED174/NW 145W 220-240V DM MP1 BRP372 LED178/NW 145W 220-240V DW2 PSR BRP372 LED180/NW 150W 220-240V DM MP1 BRP373 LED226/CW 175W 220-240V DW2s PSR BRP373 LED212/NW 185W 220-240V DM MP1 BRP373 LED230/NW 200W 220-240V DM MP1 BRP373 LED253/NW 220W 220-240V DM MP1 BRP373 LED263/CW 220W 220-240V DW2s PSR BRP373 LED276/NW 240W 220-240V DM MP1 BRP373 LED293/NW 255W 220-240V DM MP1 BRP373 LED324/NW 270W 220-240V DM MP1 BRP373 LED348/NW 290W 220-240V DM MP1 BRP373 LED350/CW 290W 220-240V DW2m PSR BRP373 LED366/NW 305W 220-240V DM MP1
	More Options available as per requirements

