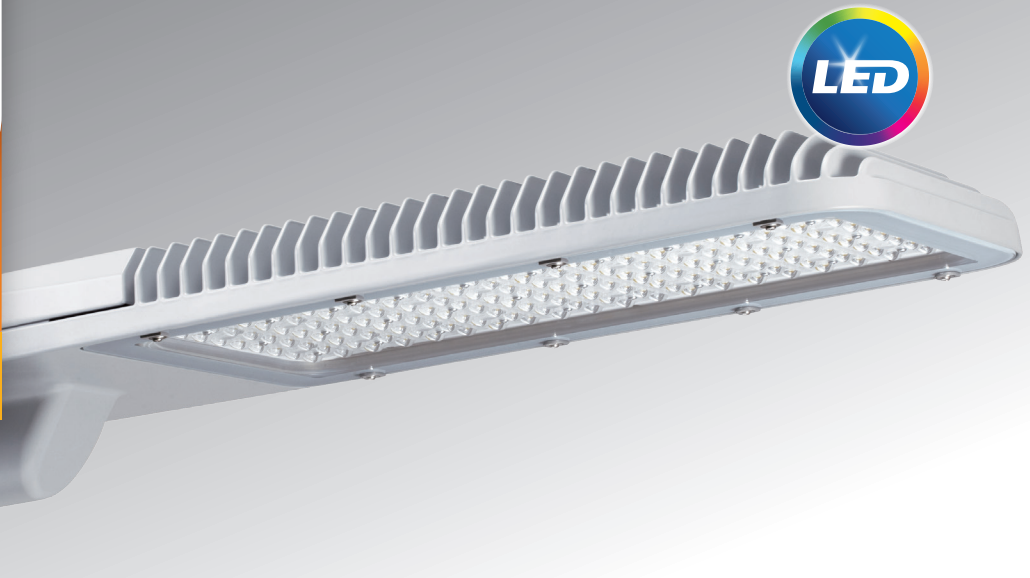


A modern, rectangular LED road lighting fixture with a white die-cast aluminum housing and a grid of LED chips. A circular LED logo with a rainbow border is positioned above the fixture.

PHILIPS

Road Lighting

GreenVision Xceed

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% 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.

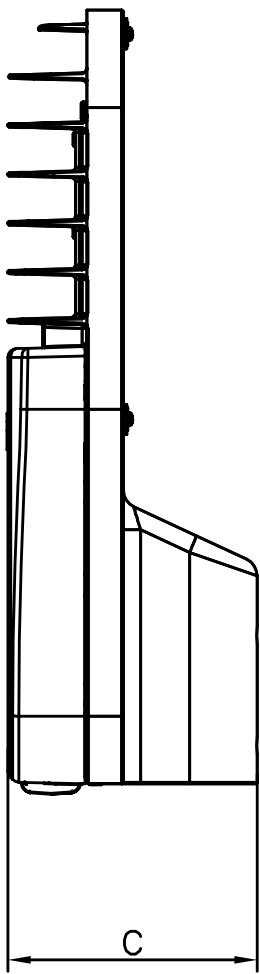
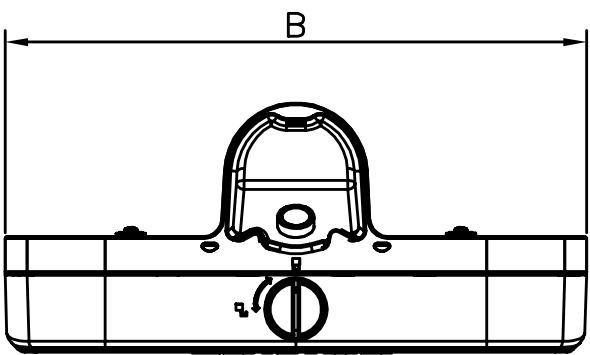
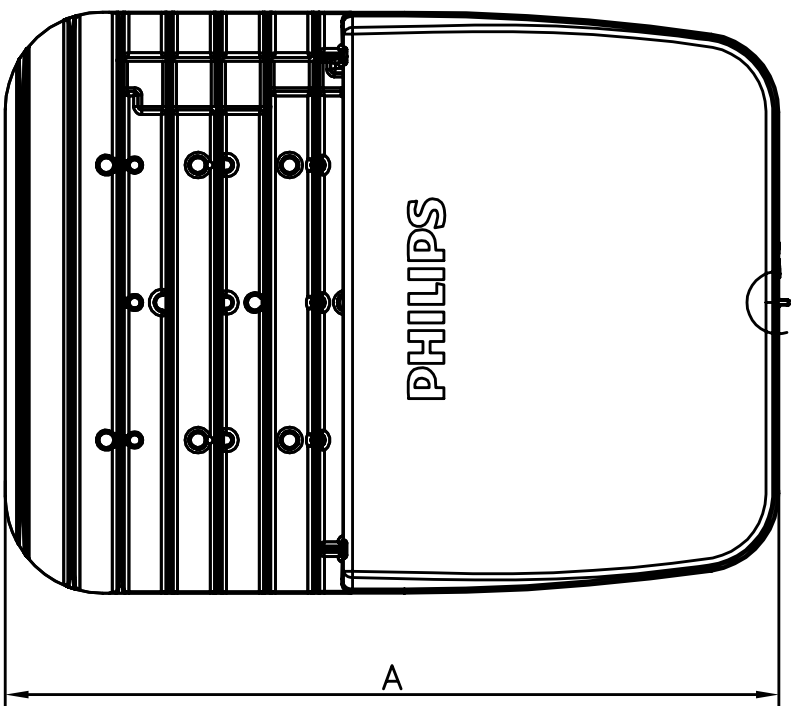
Features

- 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, neutral & warm white light with high color consistency

Applications

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

Dimensions



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	100,000 hours (L70 35C Ta)
Optics	DNE, DME, DWE, DWV, DWP, DWDM, DW1, DW2, DW2m, DW2s, DWS

Luminous Efficacy	127 lm/w (Typical) up to 145 lm/w
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Light Technical Characteristics

Light source	LED
LED driver	Constant current or programmable driver options
System lumen output	Up to 39,400 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 < 5°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 1158.6
Classifications	IP66; IK08; Class I; CE, RoHS
Surge protection	15kV/kA (10kV option on request)
Control options	Standalone dimming, CityTouch and and AmLight compatible 7-Pin NEMA and D2 Type PE Cell
Maintenance	Tool-less opening of gear compartment Tool-less gear tray replacement
Ordering information	BRP371 LED48/NW 37W 220-240V DM MP1 BRP371 LED71/NW 55W 220-240V DM MP1 BRP371 LED91/NW 70W 220-240V DM MP1 BRP371 LED117/NW 90W 220-240V DM MP1 BRP371 LED143/NW 110W 220-240V DM MP1 BRP372 LED163/NW 125W 220-240V DM MP1 BRP372 LED182/NW 140W 220-240V DM MP1 BRP372 LED197/NW 150W 220-240V DM MP1 BRP373 LED234/NW 180W 220-240V DM MP1 BRP373 LED260/NW 200W 220-240V DM MP1 BRP373 LED280/NW 215W 220-240V DM MP1 BRP373 LED300/NW 230W 220-240V DM MP1 BRP373 LED326/NW 250W 220-240V DM MP1 BRP373 LED345/NW 265W 220-240V DM MP1 BRP373 LED365/NW 280W 220-240V DM MP1 BRP373 LED394/NW 300W 220-240V DM MP1

More options listed in annex



Annex

BRP371 LED70/WW 55W 220-240V DM MP1
BRP371 LED93/WW 73W 220-240V DM MP1
BRP371 LED116/WW 90W 220-240V DM MP1
BRP371 LED140/WW 110W 220-240V DM MP1
BRP372 LED160/WW 125W 220-240V DM MP1
BRP372 LED186/WW 145W 220-240V DM MP1
BRP372 LED197/WW 150W 220-240V DM MP1
BRP373 LED232/WW 180W 220-240V DM MP1
BRP373 LED255/WW 200W 220-240V DM MP1
BRP373 LED279/WW 215W 220-240V DM MP1
BRP373 LED302/WW 235W 220-240V DM MP1
BRP373 LED325/WW 250W 220-240V DM MP1
BRP373 LED338/WW 265W 220-240V DM MP1
BRP373 LED372/WW 285W 220-240V DM MP1
BRP373 LED394/WW 300W 220-240V DM MP1

BRP371 LED60/WW 55W 220-240V DM MP1
BRP371 LED82/WW 75W 220-240V DM MP1
BRP371 LED99/WW 90W 220-240V DM MP1
BRP371 LED121/WW 110W 220-240V DM MP1
BRP372 LED143/WW 125W 220-240V DM MP1
BRP372 LED166/WW 145W 220-240V DM MP1
BRP372 LED172/WW 150W 220-240V DM MP1
BRP373 LED203/WW 185W 220-240V DM MP1
BRP373 LED220/WW 200W 220-240V DM MP1
BRP373 LED242/WW 220W 220-240V DM MP1
BRP373 LED264/WW 240W 220-240V DM MP1
BRP373 LED280/WW 255W 220-240V DM MP1
BRP373 LED310/WW 270W 220-240V DM MP1
BRP373 LED333/WW 290W 220-240V DM MP1
BRP373 LED350/WW 305W 220-240V DM MP1

BRP371 LED63/NW 55W 220-240V DM MP1
BRP371 LED86/NW 75W 220-240V DM MP1
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 LED180/NW 150W 220-240V DM MP1
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 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 LED366/NW 305W 220-240V DM MP1

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 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 LED180/NW 150W 220-240V DM MP1
BRP372 LED192/NW 160W 220-240V DM MP1
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 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 LED366/NW 305W 220-240V DM MP1
BRP373 LED384/NW 320W 220-240V DM MP1

BRP371 LED33/NW 28W 220-240V DM MP1
BRP371 LED50/NW 42W 220-240V DM MP1
BRP371 LED68/NW 55W 220-240V DM MP1
BRP371 LED81/NW 65W 220-240V DM MP1
BRP371 LED100/NW 80W 220-240V DM MP1
BRP372 LED118/NW 95W 220-240V DM MP1
BRP372 LED131/NW 105W 220-240V DM MP1
BRP372 LED156/NW 120W 220-240V DM MP1
BRP372 LED169/NW 130W 220-240V DM MP1
BRP373 LED188/NW 145W 220-240V DM MP1
BRP373 LED200/NW 160W 220-240V DM MP1
BRP373 LED218/NW 175W 220-240V DM MP1
BRP373 LED231/NW 185W 220-240V DM MP1
BRP373 LED250/NW 200W 220-240V DM MP1
BRP373 LED268/NW 215W 220-240V DM MP1
BRP373 LED281/NW 225W 220-240V DM MP1
BRP373 LED312/NW 240W 220-240V DM MP1
BRP373 LED325/NW 250W 220-240V DM MP1
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BRP371 LED25/NW 20W 220-240V DM MP1
BRP371 LED35/NW 28W 220-240V DM MP1
BRP371 LED48/NW 37W 220-240V DM MP1
BRP371 LED58/NW 45W 220-240V DM MP1
BRP371 LED71/NW 55W 220-240V DM MP1
BRP372 LED81/NW 60W 220-240V DM MP1
BRP372 LED94/NW 70W 220-240V DM MP1
BRP372 LED101/NW 75W 220-240V DM MP1
BRP372 LED114/NW 85W 220-240V DM MP1
BRP373 LED128/NW 95W 220-240V DM MP1
BRP373 LED136/NW 105W 220-240V DM MP1
BRP373 LED149/NW 115W 220-240V DM MP1
BRP373 LED162/NW 125W 220-240V DM MP1
BRP373 LED175/NW 130W 220-240V DM MP1
BRP373 LED189/NW 140W 220-240V DM MP1
BRP373 LED202/NW 150W 220-240V DM MP1
BRP373 LED209/NW 155W 220-240V DM MP1
BRP373 LED222/NW 165W 220-240V DM MP1
BRP373 LED236/NW 175W 220-240V DM MP1

