



# LED road lighting all-round player

## RoadFlair Gen2

RoadFlair Gen2 is brand new design road lighting product family, set to meet customers' all-round requirements, including high lumen efficacy for energy saving and sustainability, aesthetic design for nice shape and appearance, quality material and components for product reliability and long lifetime, professional optics for various applications fulfillment, dimming and system control interface for improving municipal operations and offering future-proof features. RoadFlair Gen2 competitive price would help on the acceleration of road lighting LED transformation, to a more sustainable society and smarter city.

### Benefits

- High lumen efficacy for energy saving.
- Robust quality and reliability.
- Professional optics for various road applications.
- Control interface for system compatibility.
- Economical LED alternative to conventional street lights.

### Features

- Four housing types covering up to 43Klm
- Typical 140lm/W
- 1-10V dimming interface
- 100Khrs lifetime
- 10kV or 15kV Surge protection Device

### Application

- Pedestrian Road
- Highway Road
- Residential Road
- Interchange

### Specifications

# RoadFlair Gen2

<b>Material</b>	Housing: die-cast aluminium
	Optic cover: polycarbonate
<b>Light Source</b>	3030 LED
<b>Installation</b>	Side entry 42-60mm
	Optional adjustable spigot
<b>Luminous flux</b>	System flux up to 43500lm
<b>Correlated color temperature - CCT</b>	5700K
	4000K
	3000K
	2700K
<b>Luminaire efficacy</b>	2200K
	4000K: 140lm/W

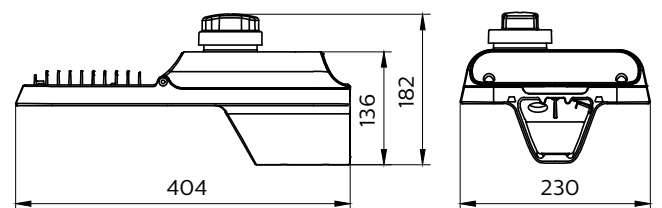
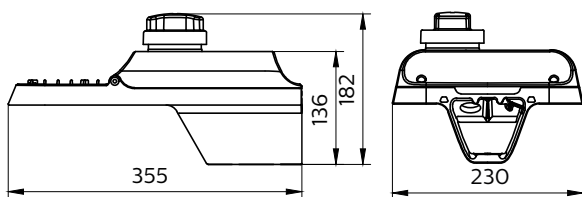
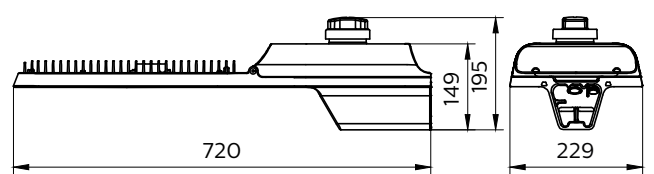
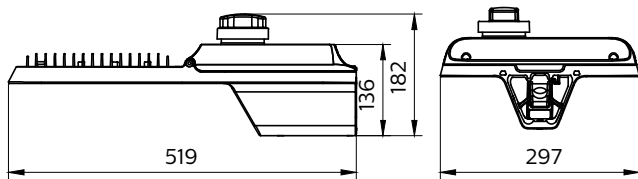
<b>Color Rendering index - CRI</b>	70
<b>Power</b>	up to 300W
<b>Mains Voltage</b>	220-240V / 50-60Hz
<b>Control system input</b>	1-10V
<b>Dimming</b>	PSR: 1-10V
	PSRD: 1-10V, Step dimming, AOC
<b>Operating Temperature range</b>	-40 to +50C Ta
<b>Ingress protection</b>	IP66
<b>Certification</b>	IECEE CB, CE, CQC, RCM

## Versions



RoadFlair Gen2 BRP49X

## Dimensional drawing



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## Product details

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General Information	
Driver included	Yes
Service tag	Yes
Light Technical	
Color rendering index (CRI)	>70
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Optical cover type	Polycarbonate micro lens optic
Housing Color	Aluminum and gray
Mech. impact protection code	IK08
Ingress protection code	IP66
Approval and Application	
CE mark	Yes

## Light Technical

Order Code	Full Product Name	Light source color	Correlated Color	
			Temperature (Nom)	Luminous Flux
911401673406	BRP492 LED215/NW 150W 220-240V DM GM	740 neutral white	4000 K	21,500 lm
911401673906	BRP492 LED215/NW 150W 220-240V DM P7 GM	740 neutral white	4000 K	21,500 lm
911401674706	BRP492 LED201/WW 150W 220-240V DM GM	730 warm white	3000 K	20,100 lm
911401673506	BRP493 LED285/NW 200W 220-240V DM GM	740 neutral white	4000 K	28,500 lm
911401673606	BRP493 LED362/NW 250W 220-240V DM GM	740 neutral white	4000 K	36,200 lm
911401674006	BRP493 LED285/NW 200W 220-240V DM P7 GM	740 neutral white	4000 K	28,500 lm
911401674106	BRP493 LED362/NW 250W 220-240V DM P7 GM	740 neutral white	4000 K	36,200 lm
911401674806	BRP493 LED268/WW 200W 220-240V DM GM	730 warm white	3000 K	26,800 lm
911401674906	BRP493 LED335/WW 250W 220-240V DM GM	730 warm white	3000 K	33,500 lm
911401673006	BRP491 LED102/NW 70W 220-240V DM GM	740 neutral white	4000 K	10,200 lm
911401673106	BRP491 LED115/NW 80W 220-240V DM GM	740 neutral white	4000 K	11,500 lm
911401673206	BRP491 LED130/NW 90W 220-240V DM GM	740 neutral white	4000 K	13,000 lm
911401673306	BRP491 LED142/NW 100W 220-240V DM GM	740 neutral white	4000 K	14,200 lm
911401673806	BRP491 LED142/NW 100W 220-240V DM P7 GM	740 neutral white	4000 K	14,200 lm
911401674306	BRP491 LED94/WW 70W 220-240V DM GM	730 warm white	3000 K	9,400 lm
911401674406	BRP491 LED107/WW 80W 220-240V DM GM	730 warm white	3000 K	10,700 lm
911401674606	BRP491 LED134/WW 100W 220-240V DM GM	730 warm white	3000 K	13,400 lm
911401673706	BRP494 LED435/NW 300W 220-240V DM GM	740 neutral white	4000 K	43,500 lm

## Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401673406	BRP492 LED215/NW 150W 220-240V DM GM	150 W	911401673006	BRP491 LED102/NW 70W 220-240V DM GM	70 W
911401673906	BRP492 LED215/NW 150W 220-240V DM P7 GM	150 W	911401673106	BRP491 LED115/NW 80W 220-240V DM GM	80 W
911401674706	BRP492 LED201/WW 150W 220-240V DM GM	150 W	911401673206	BRP491 LED130/NW 90W 220-240V DM GM	90 W
911401673506	BRP493 LED285/NW 200W 220-240V DM GM	200 W	911401673306	BRP491 LED142/NW 100W 220-240V DM GM	100 W
911401673606	BRP493 LED362/NW 250W 220-240V DM GM	250 W	911401673806	BRP491 LED142/NW 100W 220-240V DM P7 GM	100 W
911401674006	BRP493 LED285/NW 200W 220-240V DM P7 GM	200 W	911401674306	BRP491 LED94/WW 70W 220-240V DM GM	70 W
911401674106	BRP493 LED362/NW 250W 220-240V DM P7 GM	250 W	911401674406	BRP491 LED107/WW 80W 220-240V DM GM	80 W
911401674806	BRP493 LED268/WW 200W 220-240V DM GM	200 W	911401674606	BRP491 LED134/WW 100W 220-240V DM GM	100 W
911401674906	BRP493 LED335/WW 250W 220-240V DM GM	250 W	911401673706	BRP494 LED435/NW 300W 220-240V DM GM	300 W

