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

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Material	Housing: die-cast aluminium		**Color Rendering index – CRI**	70
	Optic cover: polycarbonate			
Light Source	3030 LED		**Power**	up to 300W
Installation	Side entry 42-60mm		**Mains Voltage**	220-240V / 50-60Hz
	Optional adjustable spigot		**Control system input**	1-10V
Luminous flux	System flux up to 43500lm		**Dimming**	PSR: 1-10V
Correlated color temperature – CCT	5700K			PSRD: 1-10V, Step dimming, AOC
	4000K		**Operating Temperature range**	-40 to +50C Ta
	3000K			
	2700K		**Ingress protection**	IP66
	2200K		**Certification**	IECEE CB, CE, CQC, RCM
Luminaire efficacy	4000K: 140lm/W			

Versions

RoadFlair Gen2 BRP49X

Dimensional drawing
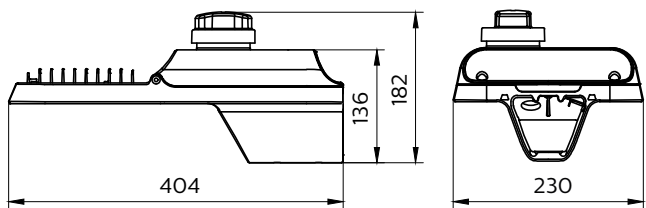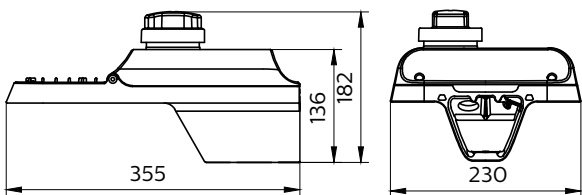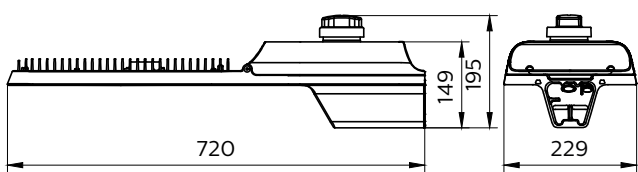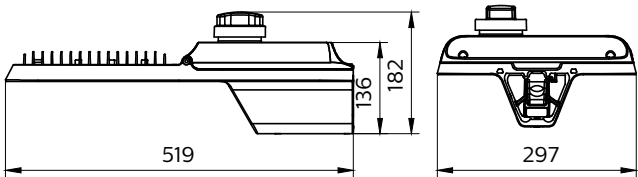
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Product details

RoadFlair Gen2 BRP49X

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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
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
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
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
911401673406	BRP492 LED215/NW 150W 220-240V DM GM	150 W
911401674706	BRP492 LED201/WW 150W 220-240V DM GM	150 W
911401673506	BRP493 LED285/NW 200W 220-240V DM GM	200 W
911401673606	BRP493 LED362/NW 250W 220-240V DM GM	250 W
911401674806	BRP493 LED268/WW 200W 220-240V DM GM	200 W
911401674906	BRP493 LED335/WW 250W 220-240V DM GM	250 W
911401673006	BRP491 LED102/NW 70W 220-240V DM GM	70 W

Order Code	Full Product Name	Power Consumption
911401673106	BRP491 LED115/NW 80W 220-240V DM GM	80 W
911401673206	BRP491 LED130/NW 90W 220-240V DM GM	90 W
911401673306	BRP491 LED142/NW 100W 220-240V DM GM	100 W
911401674306	BRP491 LED94/WW 70W 220-240V DM GM	70 W
911401674406	BRP491 LED107/WW 80W 220-240V DM GM	80 W
911401674606	BRP491 LED134/WW 100W 220-240V DM GM	100 W
911401673706	BRP494 LED435/NW 300W 220-240V DM GM	300 W

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www.lighting.philips.com

2024, August 29 – data subject to change