



Make roads safer and sustainable.

GreenVision Xceed Gen2

Sustainability, citizen well being and connectivity are key players in the game of differentiation among cities all over the world. And a way of achieving this goals is lighting. Lighting up streets and roads enhance the comfort, security and overall safety of our rapidly growing urban environments. Our GreenVision Xceed Gen2 makes an affordable LED road lighting solution that ensures sufficient light on your roads & streets. The GreenVision Xceed Gen2 family from Signify provides your city with a flexible lighting system which can be deployed anywhere in urban spaces, highways and rural areas – our luminaires provide the optimal light for all application areas. And, GreenVision Xceed Gen2 is ready to be connected and work with smart city ecosystem. Our new GreenVision Xceed Gen2 range is enhanced to give city lighting departments even more control – to choose the right light

Benefits

- Robust & Reliable with a long service lifetime
- Elegant finless design
- Equipped with a Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation, and spare part information

Features

- System efficacy 140lm/W $\pm 10\%$
- Long service lifetime 100Khrs L70@Ta 35°C
- With 10kV or 15kV Surge protection Device

Application

- Pedestrian category roads (P1-P6)
- Vehicle category roads (M1-M6)
- Traffic routes and main access road
- Urban and residential area

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Specifications

Material	Housing: die-cast aluminium Optic: polycarbonate Optic cover: glass
Light Source	3030 LED 5050 LED High Power LED
Installation	Side entry 42-60mm Optional adjustable spigot
Luminous flux	System flux up to 55000lm
Correlated color temperature - CCT	5700K 4000K 3000K 2700K 2200K
Luminaire efficacy	4000K: 140lm/W Optional 4000K 160lm/W
Color Rendering index - CRI	70

Power	up to 390W
Mains Voltage	220-240V / 50-60Hz Optional 120-277V / 50-60Hz
Control system input	DALI / 1-10V / D4i
Dimming	PSR: 1-10V PSD: DALI PSC: Coded mains SPRD: 1-10V, Step dimming, AOC SR: D4i
Operating Temperature range	-40 to +50C Ta
Ingress protection	IP66
Certification	IECEE CB, CE, CQC, RCM, D4i

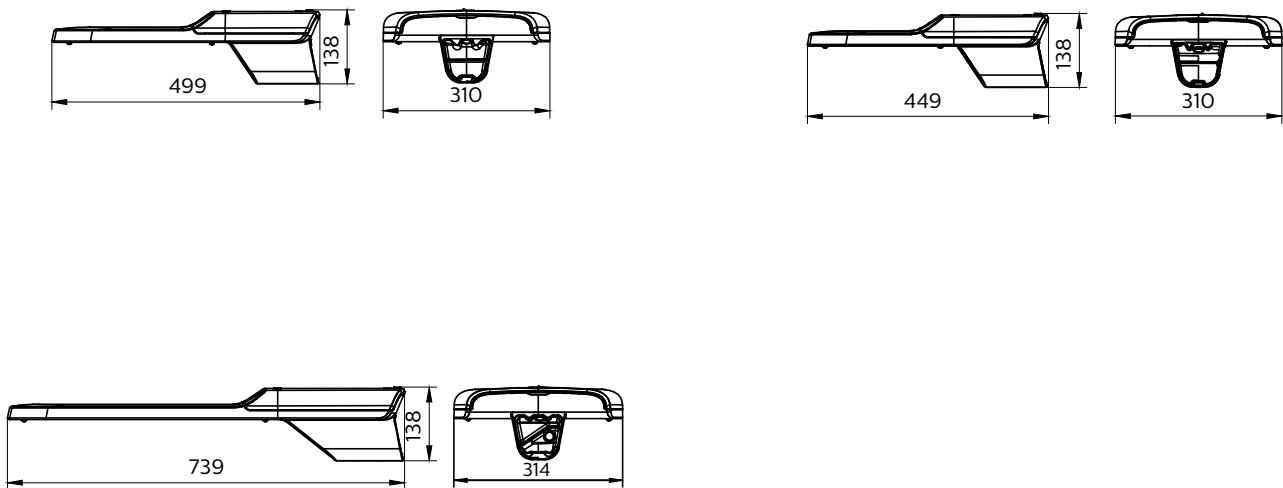
Versions



BRP381

BRP382

Dimensional drawing



GreenVision Xceed Gen2

General Information

Driver included	Yes
Light source replaceable	No
Service tag	Yes

Light Technical

Color rendering index (CRI)	>70
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Controls and Dimming

Dimmable	Yes
Maximum dim level	10%

Mechanical and Housing

Optical cover type	Polycarbonate micro lens optic
Housing Color	Gray
Mech. impact protection code	IK08
Ingress protection code	IP66

Approval and Application

CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces

Light Technical

Order Code	Full Product Name	Light source color	Correlated Color		Luminous Flux
			Temperature (Nom)		
911401874198	BRP383 LED386/NW 280W 220-240V DM PSR	740 neutral white	4000 K		38,600 lm
911401874698	BRP383 LED315/NW 225W 220-240V DM PSR	740 neutral white	4000 K		31,500 lm
911401874898	BRP383 LED280/NW 200W 220-240V DM PSR	740 neutral white	4000 K		28,000 lm
911401874998	BRP383 LED268/NW 190W 220-240V DM PSR	740 neutral white	4000 K		26,800 lm
911401875098	BRP383 LED243/NW 175W 220-240V DM PSR	740 neutral white	4000 K		24,300 lm
911401875298	BRP383 LED220/NW 160W 220-240V DM PSR	740 neutral white	4000 K		22,000 lm
911401877098	BRP383 LED232/WW 175W 220-240V DM PSR	730 warm white	3000 K		23,200 lm
911401877298	BRP383 LED210/WW 160W 220-240V DM PSR	730 warm white	3000 K		21,000 lm
911401875798	BRP381 LED133/NW 95W 220-240V DM PSR	740 neutral white	4000 K		13,300 lm
911401875898	BRP381 LED122/NW 85W 220-240V DM PSR	740 neutral white	4000 K		12,200 lm
911401875998	BRP381 LED99/NW 70W 220-240V DM PSR	740 neutral white	4000 K		9,900 lm
911401876098	BRP381 LED87/NW 60W 220-240V DM PSR	740 neutral white	4000 K		8,700 lm
911401877698	BRP381 LED138/WW 105W 220-240V DM PSR	730 warm white	3000 K		13,800 lm
911401877798	BRP381 LED127/WW 95W 220-240V DM PSR	730 warm white	3000 K		12,700 lm
911401878098	BRP381 LED83/WW 60W 220-240V DM PSR	730 warm white	3000 K		8,300 lm
911401878198	BRP381 LED75/NW 55W 220-240V DM PSR	740 neutral white	4000 K		7,500 lm
911401878298	BRP381 LED71/WW 55W 220-240V DM PSR	730 warm white	3000 K		7,100 lm
911401875598	BRP382 LED170/NW 120W 220-240V DM PSR	740 neutral white	4000 K		17,000 lm
911401877398	BRP382 LED184/WW 140W 220-240V DM PSR	730 warm white	3000 K		18,400 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Order Code	Full Product Name	Power Consumption
911401874198	BRP383 LED386/NW 280W 220-240V DM PSR	280 W	911401877298	BRP383 LED210/WW 160W 220-240V DM PSR	160 W
911401874698	BRP383 LED315/NW 225W 220-240V DM PSR	225 W	911401875798	BRP381 LED133/NW 95W 220-240V DM PSR	95 W
911401874898	BRP383 LED280/NW 200W 220-240V DM PSR	200 W	911401875898	BRP381 LED122/NW 85W 220-240V DM PSR	85 W
911401874998	BRP383 LED268/NW 190W 220-240V DM PSR	190 W	911401875998	BRP381 LED99/NW 70W 220-240V DM PSR	70 W
911401875098	BRP383 LED243/NW 175W 220-240V DM PSR	175 W	911401876098	BRP381 LED87/NW 60W 220-240V DM PSR	60 W
911401875298	BRP383 LED220/NW 160W 220-240V DM PSR	160 W	911401877698	BRP381 LED138/WW 105W 220-240V DM PSR	105 W
911401877098	BRP383 LED232/WW 175W 220-240V DM PSR	175 W	911401877798	BRP381 LED127/WW 95W 220-240V DM PSR	95 W

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Order Code	Full Product Name	Power Consumption
911401878098	BRP381 LED83/WW 60W 220-240V DM PSR	60 W
911401878198	BRP381 LED75/NW 55W 220-240V DM PSR	55 W
911401878298	BRP381 LED71/WW 55W 220-240V DM PSR	55 W

Order Code	Full Product Name	Power Consumption
911401875598	BRP382 LED170/NW 120W 220-240V DM PSR	120 W
911401877398	BRP382 LED184/WW 140W 220-240V DM PSR	140 W

