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 these 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 and streets. The GreenVision Xceed Gen2 family from Signify provides your city with a flexible lighting system which can be deployed anywhere in urban spaces, roadways and rural areas – our luminaires provide optimal light for all application areas. Additionally, the GreenVision Xceed Gen2 is ready to be connected to, and work with, smart city ecosystems. 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 ±10%
· Long service lifetime 100Khrs L70@Ta 35°C
· With 10kV or 15kV Surge protection Device

GreenVision Xceed Gen2

Application

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

Specifications

Material	Housing: die-cast aluminiumOptic: polycarbonateOptic cover: glass		**Power**	up to 390W
Light Source	3030 LED5050 LEDHigh Power LED		**Mains Voltage**	220-240V / 50-60HzOptional 120-277V / 50-60Hz
Installation	Side entry 42-60mmOptional adjustable spigot		**Control system input**	DALI / 1-10V / D4i
Luminous flux	System flux up to 55000lm		**Dimming**	PSR: 1-10VPSD: DALIPSC: Coded mainsSPRD: 1-10V, Step dimming, AOCSR: D4i
Correlated color temperature – CCT	5700K4000K3000K2700K2200K		**Operating Temperature range**	-40 to +50C Ta
Luminaire efficacy	4000K: 140lm/WOptional 4000K 160lm/W		**Ingress protection**	IP66
Color Rendering index – CRI	70		**Certification**	IECEE CB, CE, CQC, RCM, D4i

Versions

BRP381

Dimensional drawing

499   138   310   449   138   310

GreenVision Xceed Gen2

Dimensional drawing

739 | 138 | 314
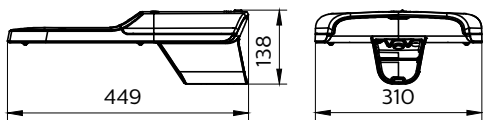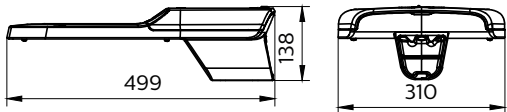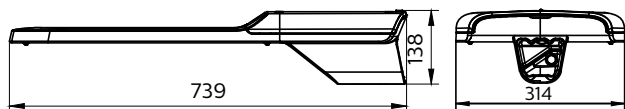
General Information

Driver included	Yes
Light source replaceable	No
Service tag	Yes

Light Technical

Color rendering index (CRI)	>70

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 Temperature (Nom)	Luminous Flux
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
911401875698	BRP381 LED145/NW 105W 220-240V DM PSR	740 neutral white	4000 K	14,500 lm
911401875798	BRP381 LED133/NW 95W 220-240V DM PSR	740 neutral white	4000 K	13,300 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
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
911401875398	BRP382 LED193/NW 140W 220-240V DM PSR	740 neutral white	4000 K	19,300 lm
911401875598	BRP382 LED170/NW 120W 220-240V DM PSR	740 neutral white	4000 K	17,000 lm

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401874898	BRP383 LED280/NW 200W 220-240V DM PSR	200 W
911401874998	BRP383 LED268/NW 190W 220-240V DM PSR	190 W
911401875098	BRP383 LED243/NW 175W 220-240V DM PSR	175 W
911401875298	BRP383 LED220/NW 160W 220-240V DM PSR	160 W
911401875698	BRP381 LED145/NW 105W 220-240V DM PSR	105 W
911401875798	BRP381 LED133/NW 95W 220-240V DM PSR	95 W

Order Code	Full Product Name	Power Consumption
911401875998	BRP381 LED99/NW 70W 220-240V DM PSR	70 W
911401876098	BRP381 LED87/NW 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
911401875398	BRP382 LED193/NW 140W 220-240V DM PSR	140 W
911401875598	BRP382 LED170/NW 120W 220-240V DM PSR	120 W

GreenVision Xceed Gen2

www.lighting.philips.com

2023, October 11 – data subject to change