



Enhance the city with a new way of light

RoadGrace

We now light up roads differently. It's no longer just about functionality as it is also about how road lighting can effortlessly complement new areas, and seamlessly retrofit into existing areas. With the RoadGrace LED luminaire, you can upgrade to an energy efficiency solution, and amazing flexibility with its five optic options, optimized for multiple road and street applications, such as freeways, intersections, and crosswalks.

Benefits

- Easy to install, it has tool-less access and an adjustable mounting spigot design that enables customization of the lighting set-up to achieve the desired effect.
- Comes with five optic options, optimized for various road and street applications.

Features

- Designed to withstand extreme temperatures with superior thermal management (-40 to 50C Ta)
- Top-class LED that ensures reliability and a long 50,000-hour lifetime. Cities save on maintenance costs and safeguard the community's safety, sustainably.
- Adjustable spigot +/- 15 degrees

Application

- Road
- Street
- Motorway
- Freeways

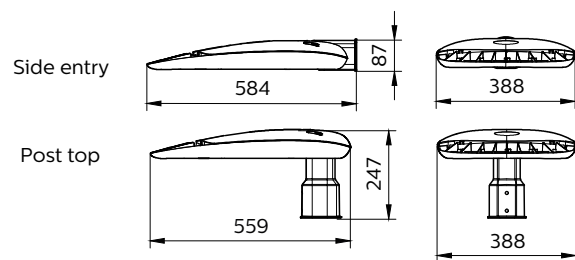
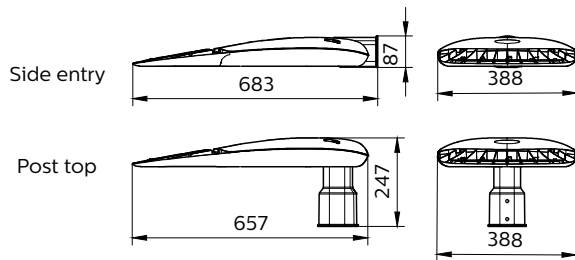
Specifications

Material	Housing: die-cast aluminium Optic cover: polycarbonate	Installation	Side entry 25-34mm, 42-60mm Post top 60-77mm
Light Source	3030 LED		Tilting angel +15D to -15D for Side entry, 0D to -5D for Post top

Luminous flux	System flux up to 20400lm
Correlated color temperature - CCT	5700K 4000K 3000K
Luminaire efficacy	4000K: 140lm/W
Color Rendering index - 70 CRI	
Power	up to 145W
Mains Voltage	220-240V / 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

Dimensional drawing



Product details



BRP71 top



BRP71 side



BRP71 back

General Information	
CE mark	CE mark
Driver included	Yes
Flammability mark	-
Light Technical	
Optical cover/lens type	Polycarbonate Diffuser
Color rendering index (CRI)	70
Mechanical and Housing	
Housing Color	RAL7040
Approval and Application	
Mech. impact protection code	IK08
Ingress protection code	IP66

Light Technical

Order Code	Full Product Name	Light source color	Correlated Color		Luminous Flux
			Temperature (Nom)		
911401505702	BRP711 LED49/NW 37W 220-240V DM PSRD	Neutral white	4000 K		4,900 lumen
911401505802	BRP711 LED76/NW 55W 220-240V DM PSR	Neutral white	4000 K		7,600 lumen
911401505902	BRP711 LED102/NW 70W 220-240V DM PSR	Neutral white	4000 K		10,200 lumen
911401506002	BRP712 LED128/NW 90W 220-240V DM PSR	Neutral white	4000 K		12,800 lumen
911401506102	BRP712 LED153/NW 110W 220-240V DM PSR	Neutral white	4000 K		15,300 lumen
911401506202	BRP712 LED180/NW 125W 220-240V DM PSR	Neutral white	4000 K		18,000 lumen
911401506302	BRP712 LED207/NW 140W 220-240V DM PSR	Neutral white	4000 K		20,700 lumen
911401506802	BRP711 LED103/NW 70W DM 76P ANZ	Neutral white	4000 K		10,300 lumen
911401506902	BRP712 LED204/NW 145W DM 76P ANZ	Neutral white	4000 K		20,400 lumen
911401507002	BRP711 LED30/WW 20W PSD DWPI P7 ANZ	Warm white	3000 K		3,000 lumen
911401507102	BRP711 LED70/CW 51W 100-242V DM JP	Cool white	5700 K		7,000 lumen
911401507202	BRP711 LED88/CW 68W 100-242V DM JP	Cool white	5700 K		8,800 lumen
911401507302	BRP712 LED110/CW 82W 100-242V DM JP	Cool white	5700 K		11,000 lumen
911401507402	BRP712 LED154/CW 115W 100-242V DM JP	Cool white	5700 K		15,400 lumen
911401507502	BRP712 LED174/CW 144W 100-242V DM JP	Cool white	5700 K		17,400 lumen
911401507602	BRP711 LED103/NW 70W DM P7T SRB	Neutral white	4000 K		10,300 lumen
911401507702	BRP712 LED204/NW 145W DM P7T SRB	Neutral white	4000 K		20,400 lumen
911401507802	BRP711 LED103/NW 70W DM SR CT ANZ	Neutral white	4000 K		10,300 lumen
911401507902	BRP711 LED103/NW 70W DM II SR CT ANZ	Neutral white	4000 K		10,300 lumen
911401508002	BRP711 LED103/NW 70W DM P7 CT ANZ	Neutral white	4000 K		10,300 lumen
911401508102	BRP711 LED103/NW 70W DM II P7 CT ANZ	Neutral white	4000 K		10,300 lumen
911401508202	BRP711 LED103/NW 70W DM II P7T SRB ANZ	Neutral white	4000 K		10,300 lumen
911401508302	BRP712 LED204/NW 145W DM SR CT ANZ	Neutral white	4000 K		20,400 lumen
911401508402	BRP712 LED204/NW 145W DM II SR CT ANZ	Neutral white	4000 K		20,400 lumen
911401508502	BRP712 LED204/NW 145W DM P7 CT ANZ	Neutral white	4000 K		20,400 lumen
911401508602	BRP712 LED204/NW 145W DM II P7 CT ANZ	Neutral white	4000 K		20,400 lumen
911401508702	BRP712 LED204/NW 145W DM II P7T SRB ANZ	Neutral white	4000 K		20,400 lumen

Operating and Electrical

Order Code	Full Product Name	Power Consumption
911401505702	BRP711 LED49/NW 37W 220-240V DM PSRD	37 W
911401505802	BRP711 LED76/NW 55W 220-240V DM PSR	55 W
911401505902	BRP711 LED102/NW 70W 220-240V DM PSR	70 W
911401506002	BRP712 LED128/NW 90W 220-240V DM PSR	90 W
911401506102	BRP712 LED153/NW 110W 220-240V DM PSR	110 W
911401506202	BRP712 LED180/NW 125W 220-240V DM PSR	125 W
911401506302	BRP712 LED207/NW 140W 220-240V DM PSR	140 W
911401506802	BRP711 LED103/NW 70W DM 76P ANZ	70 W
911401506902	BRP712 LED204/NW 145W DM 76P ANZ	145 W
911401507002	BRP711 LED30/WW 20W PSD DWPI P7 ANZ	20 W
911401507102	BRP711 LED70/CW 51W 100-242V DM JP	51 W
911401507202	BRP711 LED88/CW 68W 100-242V DM JP	68 W
911401507302	BRP712 LED110/CW 82W 100-242V DM JP	82 W
911401507402	BRP712 LED154/CW 115W 100-242V DM JP	115 W

Order Code	Full Product Name	Power Consumption
911401507502	BRP712 LED174/CW 144W 100-242V DM JP	144 W
911401507602	BRP711 LED103/NW 70W DM P7T SRB	70 W
911401507702	BRP712 LED204/NW 145W DM P7T SRB	145 W
911401507802	BRP711 LED103/NW 70W DM SR CT ANZ	70 W
911401507902	BRP711 LED103/NW 70W DM II SR CT ANZ	70 W
911401508002	BRP711 LED103/NW 70W DM P7 CT ANZ	70 W
911401508102	BRP711 LED103/NW 70W DM II P7 CT ANZ	70 W
911401508202	BRP711 LED103/NW 70W DM II P7T SRB ANZ	70 W
911401508302	BRP712 LED204/NW 145W DM SR CT ANZ	145 W
911401508402	BRP712 LED204/NW 145W DM II SR CT ANZ	145 W
911401508502	BRP712 LED204/NW 145W DM P7 CT ANZ	145 W
911401508602	BRP712 LED204/NW 145W DM II P7 CT ANZ	145 W
911401508702	BRP712 LED204/NW 145W DM II P7T SRB ANZ	145 W

Controls and Dimming

Order Code	Full Product Name	Dimmable
911401505702	BRP711 LED49/NW 37W 220-240V DM PSRD	Yes
911401505802	BRP711 LED76/NW 55W 220-240V DM PSR	Yes
911401505902	BRP711 LED102/NW 70W 220-240V DM PSR	Yes
911401506002	BRP712 LED128/NW 90W 220-240V DM PSR	Yes
911401506102	BRP712 LED153/NW 110W 220-240V DM PSR	Yes
911401506202	BRP712 LED180/NW 125W 220-240V DM PSR	Yes
911401506302	BRP712 LED207/NW 140W 220-240V DM PSR	Yes
911401506802	BRP711 LED103/NW 70W DM 76P ANZ	No
911401506902	BRP712 LED204/NW 145W DM 76P ANZ	No
911401507002	BRP711 LED30/WW 20W PSD DWPI P7 ANZ	Yes
911401507102	BRP711 LED70/CW 51W 100-242V DM JP	No
911401507202	BRP711 LED88/CW 68W 100-242V DM JP	No
911401507302	BRP712 LED110/CW 82W 100-242V DM JP	No
911401507402	BRP712 LED154/CW 115W 100-242V DM JP	No

Order Code	Full Product Name	Dimmable
911401507502	BRP712 LED174/CW 144W 100-242V DM JP	No
911401507602	BRP711 LED103/NW 70W DM P7T SRB	Yes
911401507702	BRP712 LED204/NW 145W DM P7T SRB	Yes
911401507802	BRP711 LED103/NW 70W DM SR CT ANZ	Yes
911401507902	BRP711 LED103/NW 70W DM II SR CT ANZ	Yes
911401508002	BRP711 LED103/NW 70W DM P7 CT ANZ	Yes
911401508102	BRP711 LED103/NW 70W DM II P7 CT ANZ	Yes
911401508202	BRP711 LED103/NW 70W DM II P7T SRB ANZ	Yes
911401508302	BRP712 LED204/NW 145W DM SR CT ANZ	Yes
911401508402	BRP712 LED204/NW 145W DM II SR CT ANZ	Yes
911401508502	BRP712 LED204/NW 145W DM P7 CT ANZ	Yes
911401508602	BRP712 LED204/NW 145W DM II P7 CT ANZ	Yes
911401508702	BRP712 LED204/NW 145W DM II P7T SRB ANZ	Yes

