



# RoadFlex: road lighting with efficiency, reliability and robustness.

## RoadFlex

Ideal for applications requiring high lumen packages, RoadFlex was designed to comply with the highest road lighting standards.

### Benefits

- Over 50% energy savings versus conventional road lighting solutions.
- Injected aluminium housing, protection glass cover and gasket sealing ensuring higher product robustness.
- Easy installation: integrated adjustable spigot allowing tilt from  $-20^{\circ}$  to  $+20^{\circ}$ .

### Features

- Simple connection to tele management systems such as Interact City, allowing the remote lighting management.
- Toolless access to the electrical gear compartment.
- Salt spray resistance: 1.000 hours.

### Application

- Roads and streets.
- Parking lots, roundabouts, industrial patios.

# RoadFlex

## Versions



RoadFlex 1 module

## Product details



imagem - vista tilt



imagem - vista inferior



imagem - lum aberta



imagem - vista frontal

Approval and Application	
Surge Protection (Common/Differential)	Surge protection level until 10 kV differential mode
General Information	
Driver included	Yes
Lamp family code	LED-MP
Light source replaceable	Yes
Light Technical	
Luminaire light beam spread	140° x 70°
Color rendering index (CRI)	70
Standard tilt angle side entry	15°
Standard tilt angle posttop	-
Temperature	
Ambient temperature range	-5 to +50 °C
Controls and Dimming	
Dimmable	Yes
Mechanical and Housing	
Housing Color	Gray
Overall height	200 mm
Overall width	340 mm

Approval and Application

Order Code	Full Product Name	Mech. impact protection code	Ingress protection code
919306031271	BRP492 A LED195-4S/NW 150W DW1 P7 0-10	IK09	IP66
919306031272	BRP492 A LED221-4S/NW 170W DW1 P7 0-10	IK09	IP66
919306031273	BRP492 A LED247-4S/NW 190W DW1 P7 0-10	IK09	IP66
919306031274	BRP492 A LED273-4S/NW 210W DW1 P7 0-10	IK09	IP66
919306031278	BRP492 A LED195-4S/CW 150W DW1 P7 0-10	IK09	IP66
919306031279	BRP492 A LED221-4S/CW 170W DW1 P7 0-10	IK09	IP66
919306031281	BRP492 A LED247-4S/CW 190W DW1 P7 0-10	IK09	IP66
919306031282	BRP492 A LED273-4S/CW 210W DW1 P7 0-10	IK09	IP66
919306031275	BRP493 A LED299-4S/NW 230W DW1 P7 0-10	IK09	IP66
919306031276	BRP493 A LED325-4S/NW 250W DW1 P7 0-10	IK09	IP66
919306031277	BRP493 A LED351-4S/NW 270W DW1 P7 0-10	IK09	IP66
919306031283	BRP493 A LED299-4S/CW 230W DW1 P7 0-10	IK09	IP66
919306031284	BRP493 A LED325-4S/CW 250W DW1 P7 0-10	IK09	IP66
919306031285	BRP493 A LED351-4S/CW 270W DW1 P7 0-10	IK09	IP66
919306031891	BRP492 LED238-6S/NW 154W DW1 P7 0-10	IK08	IP65
919306031911	BRP492 LED281-6S/NW 187W DW1 P7 0-10	IK08	IP65
919306031931	BRP493 LED301-6S/NW 194W DW1 P7 0-10	IK08	IP65
919306031951	BRP493 LED335-6S/NW 220W DW1 P7 0-10	IK08	IP65

General Information

Order Code	Full Product Name	Service tag
919306031271	BRP492 A LED195-4S/NW 150W DW1 P7 0-10	Yes
919306031272	BRP492 A LED221-4S/NW 170W DW1 P7 0-10	Yes
919306031273	BRP492 A LED247-4S/NW 190W DW1 P7 0-10	Yes
919306031274	BRP492 A LED273-4S/NW 210W DW1 P7 0-10	Yes
919306031278	BRP492 A LED195-4S/CW 150W DW1 P7 0-10	Yes
919306031279	BRP492 A LED221-4S/CW 170W DW1 P7 0-10	Yes
919306031281	BRP492 A LED247-4S/CW 190W DW1 P7 0-10	Yes
919306031282	BRP492 A LED273-4S/CW 210W DW1 P7 0-10	Yes
919306031275	BRP493 A LED299-4S/NW 230W DW1 P7 0-10	Yes

Order Code	Full Product Name	Service tag
919306031276	BRP493 A LED325-4S/NW 250W DW1 P7 0-10	Yes
919306031277	BRP493 A LED351-4S/NW 270W DW1 P7 0-10	Yes
919306031283	BRP493 A LED299-4S/CW 230W DW1 P7 0-10	Yes
919306031284	BRP493 A LED325-4S/CW 250W DW1 P7 0-10	Yes
919306031285	BRP493 A LED351-4S/CW 270W DW1 P7 0-10	Yes
919306031891	BRP492 LED238-6S/NW 154W DW1 P7 0-10	-
919306031911	BRP492 LED281-6S/NW 187W DW1 P7 0-10	-
919306031931	BRP493 LED301-6S/NW 194W DW1 P7 0-10	-
919306031951	BRP493 LED335-6S/NW 220W DW1 P7 0-10	-

Light Technical

Order Code	Full Product Name	Correlated		
		Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
919306031271	BRP492 A LED195-4S/NW 150W DW1 P7 0-10	4000 K	129.3 lm/W	19,400 lumen
919306031272	BRP492 A LED221-4S/NW 170W DW1 P7 0-10	4000 K	127.1 lm/W	21,600 lumen

Order Code	Full Product Name	Correlated		
		Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
919306031273	BRP492 A LED247-4S/NW 190W DW1 P7 0-10	4000 K	125.3 lm/W	23,800 lumen
919306031274	BRP492 A LED273-4S/NW 210W DW1 P7 0-10	4000 K	122.4 lm/W	25,700 lumen

Order Code	Full Product Name	Correlated		
		Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
919306031278	BRP492 A LED195-4S/CW 150W DW1 P7 0-10	5000 K	129.3 lm/W	19,400 lumen
919306031279	BRP492 A LED221-4S/CW 170W DW1 P7 0-10	5000 K	127.1 lm/W	21,600 lumen
919306031281	BRP492 A LED247-4S/CW 190W DW1 P7 0-10	5000 K	125.3 lm/W	23,800 lumen
919306031282	BRP492 A LED273-4S/CW 210W DW1 P7 0-10	5000 K	122.4 lm/W	25,700 lumen
919306031275	BRP493 A LED299-4S/NW 230W DW1 P7 0-10	4000 K	126.5 lm/W	29,100 lumen
919306031276	BRP493 A LED325-4S/NW 250W DW1 P7 0-10	4000 K	125.6 lm/W	31,400 lumen
919306031277	BRP493 A LED351-4S/NW 270W DW1 P7 0-10	4000 K	124.1 lm/W	33,500 lumen

Order Code	Full Product Name	Correlated		
		Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Luminous Flux
919306031283	BRP493 A LED299-4S/CW 230W DW1 P7 0-10	5000 K	126.5 lm/W	29,100 lumen
919306031284	BRP493 A LED325-4S/CW 250W DW1 P7 0-10	5000 K	125.6 lm/W	31,400 lumen
919306031285	BRP493 A LED351-4S/CW 270W DW1 P7 0-10	5000 K	124.1 lm/W	33,500 lumen
919306031891	BRP492 LED238-6S/NW 154W DW1 P7 0-10	4000 K	155 lm/W	23,800 lumen
919306031911	BRP492 LED281-6S/NW 187W DW1 P7 0-10	4000 K	150 lm/W	28,100 lumen
919306031931	BRP493 LED301-6S/NW 194W DW1 P7 0-10	4000 K	155 lm/W	30,100 lumen
919306031951	BRP493 LED335-6S/NW 220W DW1 P7 0-10	4000 K	153 lm/W	33,500 lumen

Operating and Electrical

Order Code	Full Product Name	Power Consumption
919306031271	BRP492 A LED195-4S/NW 150W DW1 P7 0-10	150 W
919306031272	BRP492 A LED221-4S/NW 170W DW1 P7 0-10	170 W
919306031273	BRP492 A LED247-4S/NW 190W DW1 P7 0-10	190 W
919306031274	BRP492 A LED273-4S/NW 210W DW1 P7 0-10	210 W
919306031278	BRP492 A LED195-4S/CW 150W DW1 P7 0-10	150 W
919306031279	BRP492 A LED221-4S/CW 170W DW1 P7 0-10	170 W
919306031281	BRP492 A LED247-4S/CW 190W DW1 P7 0-10	190 W
919306031282	BRP492 A LED273-4S/CW 210W DW1 P7 0-10	210 W
919306031275	BRP493 A LED299-4S/NW 230W DW1 P7 0-10	230 W

Order Code	Full Product Name	Power Consumption
919306031276	BRP493 A LED325-4S/NW 250W DW1 P7 0-10	250 W
919306031277	BRP493 A LED351-4S/NW 270W DW1 P7 0-10	270 W
919306031283	BRP493 A LED299-4S/CW 230W DW1 P7 0-10	230 W
919306031284	BRP493 A LED325-4S/CW 250W DW1 P7 0-10	250 W
919306031285	BRP493 A LED351-4S/CW 270W DW1 P7 0-10	270 W
919306031891	BRP492 LED238-6S/NW 154W DW1 P7 0-10	154 W
919306031911	BRP492 LED281-6S/NW 187W DW1 P7 0-10	187 W
919306031931	BRP493 LED301-6S/NW 194W DW1 P7 0-10	194 W
919306031951	BRP493 LED335-6S/NW 220W DW1 P7 0-10	220 W

Mechanical and Housing

Order Code	Full Product Name	Overall length
919306031271	BRP492 A LED195-4S/NW 150W DW1 P7 0-10	670 mm
919306031272	BRP492 A LED221-4S/NW 170W DW1 P7 0-10	670 mm
919306031273	BRP492 A LED247-4S/NW 190W DW1 P7 0-10	670 mm
919306031274	BRP492 A LED273-4S/NW 210W DW1 P7 0-10	670 mm
919306031278	BRP492 A LED195-4S/CW 150W DW1 P7 0-10	851 mm
919306031279	BRP492 A LED221-4S/CW 170W DW1 P7 0-10	851 mm
919306031281	BRP492 A LED247-4S/CW 190W DW1 P7 0-10	851 mm
919306031282	BRP492 A LED273-4S/CW 210W DW1 P7 0-10	851 mm
919306031275	BRP493 A LED299-4S/NW 230W DW1 P7 0-10	670 mm

Order Code	Full Product Name	Overall length
919306031276	BRP493 A LED325-4S/NW 250W DW1 P7 0-10	670 mm
919306031277	BRP493 A LED351-4S/NW 270W DW1 P7 0-10	670 mm
919306031283	BRP493 A LED299-4S/CW 230W DW1 P7 0-10	851 mm
919306031284	BRP493 A LED325-4S/CW 250W DW1 P7 0-10	851 mm
919306031285	BRP493 A LED351-4S/CW 270W DW1 P7 0-10	851 mm
919306031891	BRP492 LED238-6S/NW 154W DW1 P7 0-10	655 mm
919306031911	BRP492 LED281-6S/NW 187W DW1 P7 0-10	655 mm
919306031931	BRP493 LED301-6S/NW 194W DW1 P7 0-10	825 mm
919306031951	BRP493 LED335-6S/NW 220W DW1 P7 0-10	825 mm

