



Sleek, reliable and cost-efficient LED lighting

SmartBright Road

The SmartBright road is ideal for new streets and for renovating existing installations, this affordable range of lighting solutions combines clean, high-quality light with significant energy savings and reduced maintenance.

Benefits

- Perfect for one to one replacement of conventional SON or HPL luminaires.
- Offer initial investment with good-quality and energy-efficient lighting.
- Fit wide application areas and suitable to use for residential street, main road and parking area

Features

- One to one replacement for 100W, 150W and 250W conventional SON or HPL luminaires
- Reliable design with diecast aluminum housing
- Fully IP66 Ingress and IK08 mechanical impacts protection
- 10kV/Ka replaceable surge protection device
- 30,000 hours L70 at 35°C Ta rated lifetime
- 130lm/w luminous efficacy
- Operating temperature range - 40°C < Ta < 50°C
- Optimized optic for road and street lighting

Application

- Road and Residential street
- Parking area
- Walking/cycling path

Versions



BRP131 BRP132 100W 140W

Approval and application	
Mech. impact protection code	IK08
General information	
CE mark	CE mark
Driver included	Yes
Flammability mark	For mounting on normally flammable surfaces

Approval and application

Order Code	Full Product Name	Surge Protection (Common/Differential)
911401635004	BRP132 LED140/NW 140W 220-240V DM	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
911401654806	BRP131 LED100/CW 100W 220-240V DM GM MS	-
911401655306	BRP132 LED140/CW 140W 220-240V DM GM MS	-
911401697104	BRP131 LED100/WW 100W 220-240V DM GM	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
911401675007	BRP130 LED88/WW 70W 220-240V DM GC	-
911401675107	BRP130 LED88/NW 70W 220-240V DM GC	-
911401675907	BRP130 LED88/WW 70W 220-240V DM GM	-
911401676007	BRP130 LED88/NW 70W 220-240V DM GM	-
911401676107	BRP130 LED88/CW 70W 220-240V DM GM	-
911401691807	BRP130 LED88/WW 70W 220-240V DM ANZ	-
911401691907	BRP130 LED88/NW 70W 220-240V DM ANZ	-
911401692007	BRP130 LED88/CW 70W 220-240V DM ANZ	-
911401675307	BRP131 LED125/WW 100W 220-240V DM GC	-
911401675407	BRP131 LED125/NW 100W 220-240V DM GC	-

Order Code	Full Product Name	Surge Protection (Common/Differential)
911401676207	BRP131 LED125/WW 100W 220-240V DM GM	-
911401676307	BRP131 LED125/NW 100W 220-240V DM GM	-
911401676407	BRP131 LED125/CW 100W 220-240V DM GM	-
911401692107	BRP131 LED125/WW 100W 220-240V DM ANZ	-
911401692207	BRP131 LED125/NW 100W 220-240V DM ANZ	-
911401692307	BRP131 LED125/CW 100W 220-240V DM ANZ	-
911401675607	BRP132 LED175/WW 140W 220-240V DM GC	-
911401675707	BRP132 LED175/NW 140W 220-240V DM GC	-
911401676507	BRP132 LED175/WW 140W 220-240V DM GM	-
911401676607	BRP132 LED175/NW 140W 220-240V DM GM	-
911401676707	BRP132 LED175/CW 140W 220-240V DM GM	-
911401684707	BRP132 LED140/WW 140W 220-240V DM GC MS	-
911401684807	BRP132 LED140/NW 140W 220-240V DM GC MS	-
911401685307	BRP132 LED140/WW 140W 220-240V DM GM MS	-
911401685407	BRP132 LED140/NW 140W 220-240V DM GM MS	-
911401685507	BRP132 LED140/CW 140W 220-240V DM GM MS	-
911401692407	BRP132 LED175/WW 140W 220-240V DM ANZ	-
911401692507	BRP132 LED175/NW 140W 220-240V DM ANZ	-

Order Code	Full Product Name	Surge Protection (Common/ Differential)
911401692607	BRP132 LED175/CW 140W 220-240V DM ANZ	-

Controls and dimming

Order Code	Full Product Name	Dimmable
911401635004	BRP132 LED140/NW 140W 220-240V DM	No
911401654806	BRP131 LED100/CW 100W 220-240V DM GM MS	Yes
911401655306	BRP132 LED140/CW 140W 220-240V DM GM MS	Yes
911401697104	BRP131 LED100/WW 100W 220-240V DM GM	No
911401675007	BRP130 LED88/WW 70W 220-240V DM GC	No
911401675107	BRP130 LED88/NW 70W 220-240V DM GC	No
911401675907	BRP130 LED88/WW 70W 220-240V DM GM	No
911401676007	BRP130 LED88/NW 70W 220-240V DM GM	No
911401676107	BRP130 LED88/CW 70W 220-240V DM GM	No
911401691807	BRP130 LED88/WW 70W 220-240V DM ANZ	No
911401691907	BRP130 LED88/NW 70W 220-240V DM ANZ	No
911401692007	BRP130 LED88/CW 70W 220-240V DM ANZ	No
911401675307	BRP131 LED125/WW 100W 220-240V DM GC	No
911401675407	BRP131 LED125/NW 100W 220-240V DM GC	No
911401676207	BRP131 LED125/WW 100W 220-240V DM GM	No
911401676307	BRP131 LED125/NW 100W 220-240V DM GM	No
911401676407	BRP131 LED125/CW 100W 220-240V DM GM	No

Order Code	Full Product Name	Dimmable
911401692107	BRP131 LED125/WW 100W 220-240V DM ANZ	No
911401692207	BRP131 LED125/NW 100W 220-240V DM ANZ	No
911401692307	BRP131 LED125/CW 100W 220-240V DM ANZ	No
911401675607	BRP132 LED175/WW 140W 220-240V DM GC	No
911401675707	BRP132 LED175/NW 140W 220-240V DM GC	No
911401676507	BRP132 LED175/WW 140W 220-240V DM GM	No
911401676607	BRP132 LED175/NW 140W 220-240V DM GM	No
911401676707	BRP132 LED175/CW 140W 220-240V DM GM	No
911401684707	BRP132 LED140/WW 140W 220-240V DM GC MS	No
911401684807	BRP132 LED140/NW 140W 220-240V DM GC MS	No
911401685307	BRP132 LED140/WW 140W 220-240V DM GM MS	No
911401685407	BRP132 LED140/NW 140W 220-240V DM GM MS	No
911401685507	BRP132 LED140/CW 140W 220-240V DM GM MS	No
911401692407	BRP132 LED175/WW 140W 220-240V DM ANZ	No
911401692507	BRP132 LED175/NW 140W 220-240V DM ANZ	No
911401692607	BRP132 LED175/CW 140W 220-240V DM ANZ	No

General information

Order Code	Full Product Name	Light source color	Optical cover/lens type	Light source replaceable	Number of gear units
911401635004	BRP132 LED140/NW 140W 220-240V DM	740 neutral white	Polycarbonate micro lens optic	No	1 unit
911401654806	BRP131 LED100/CW 100W 220-240V DM GM MS	757 cool white	Polycarbonate micro lens optic	-	-
911401655306	BRP132 LED140/CW 140W 220-240V DM GM MS	757 cool white	Polycarbonate micro lens optic	-	-
911401697104	BRP131 LED100/WW 100W 220-240V DM GM	730 warm white	Polycarbonate micro lens optic	No	1 unit
911401675007	BRP130 LED88/WW 70W 220-240V DM GC	Warm white	Transparent bowl with transparent cover	-	-

Order Code	Full Product Name	Light source color	Optical cover/lens type	Light source replaceable	Number of gear units
911401675107	BRP130 LED88/NW 70W 220-240V DM GC	Neutral white	Transparent bowl with transparent cover	-	-
911401675907	BRP130 LED88/WW 70W 220-240V DM GM	Warm white	Transparent bowl with transparent cover	-	-
911401676007	BRP130 LED88/NW 70W 220-240V DM GM	Neutral white	Transparent bowl with transparent cover	-	-
911401676107	BRP130 LED88/CW 70W 220-240V DM GM	Cool white	Transparent bowl with transparent cover	-	-
911401691807	BRP130 LED88/WW 70W 220-240V DM ANZ	Warm white	Transparent bowl with transparent cover	-	-

Order Code	Full Product Name	Light source color	Optical cover/lens type	Light source replaceable	Number of gear units
911401691907	BRP130 LED88/NW 70W 220-240V DM ANZ	Neutral white	Transparent bowl with transparent cover	-	-
911401692007	BRP130 LED88/CW 70W 220-240V DM ANZ	Cool white	Transparent bowl with transparent cover	-	-
911401675307	BRP131 LED125/WW 100W 220-240V DM GC	Warm white	Transparent bowl with transparent cover	-	-
911401675407	BRP131 LED125/NW 100W 220-240V DM GC	Neutral white	Transparent bowl with transparent cover	-	-
911401676207	BRP131 LED125/WW 100W 220-240V DM GM	Warm white	Transparent bowl with transparent cover	-	-
911401676307	BRP131 LED125/NW 100W 220-240V DM GM	Neutral white	Transparent bowl with transparent cover	-	-
911401676407	BRP131 LED125/CW 100W 220-240V DM GM	Cool white	Transparent bowl with transparent cover	-	-
911401692107	BRP131 LED125/WW 100W 220-240V DM ANZ	Warm white	Transparent bowl with transparent cover	-	-
911401692207	BRP131 LED125/NW 100W 220-240V DM ANZ	Neutral white	Transparent bowl with transparent cover	-	-
911401692307	BRP131 LED125/CW 100W 220-240V DM ANZ	Cool white	Transparent bowl with transparent cover	-	-
911401675607	BRP132 LED175/WW 140W 220-240V DM GC	Warm white	Transparent bowl with transparent cover	-	-
911401675707	BRP132 LED175/NW 140W 220-240V DM GC	Neutral white	Transparent bowl with transparent cover	-	-

Order Code	Full Product Name	Light source color	Optical cover/lens type	Light source replaceable	Number of gear units
911401676507	BRP132 LED175/WW 140W 220-240V DM GM	Warm white	Transparent bowl with transparent cover	-	-
911401676607	BRP132 LED175/NW 140W 220-240V DM GM	Neutral white	Transparent bowl with transparent cover	-	-
911401676707	BRP132 LED175/CW 140W 220-240V DM GM	Cool white	Transparent bowl with transparent cover	-	-
911401684707	BRP132 LED140/WW 140W 220-240V DM GC MS	Warm white	Transparent bowl with transparent cover	-	-
911401684807	BRP132 LED140/NW 140W 220-240V DM GC MS	Neutral white	Transparent bowl with transparent cover	-	-
911401685307	BRP132 LED140/WW 140W 220-240V DM GM MS	Warm white	Transparent bowl with transparent cover	-	-
911401685407	BRP132 LED140/NW 140W 220-240V DM GM MS	Neutral white	Transparent bowl with transparent cover	-	-
911401685507	BRP132 LED140/CW 140W 220-240V DM GM MS	Cool white	Transparent bowl with transparent cover	-	-
911401692407	BRP132 LED175/WW 140W 220-240V DM ANZ	Warm white	Transparent bowl with transparent cover	-	-
911401692507	BRP132 LED175/NW 140W 220-240V DM ANZ	Neutral white	Transparent bowl with transparent cover	-	-
911401692607	BRP132 LED175/CW 140W 220-240V DM ANZ	Cool white	Transparent bowl with transparent cover	-	-

Initial performance (IEC compliant)

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
911401635004	BRP132 LED140/NW 140W 220-240V DM	4000 K	70	14000 lm
911401654806	BRP131 LED100/CW 100W 220-240V DM GM MS	5700 K	>70	10000 lm
911401655306	BRP132 LED140/CW 140W 220-240V DM GM MS	5700 K	>70	14000 lm
911401697104	BRP131 LED100/WW 100W 220-240V DM GM	3000 K	70	10000 lm
911401675007	BRP130 LED88/WW 70W 220-240V DM GC	3000 K	>70	8800 lm
911401675107	BRP130 LED88/NW 70W 220-240V DM GC	4000 K	>70	8800 lm
911401675907	BRP130 LED88/WW 70W 220-240V DM GM	3000 K	>70	8800 lm
911401676007	BRP130 LED88/NW 70W 220-240V DM GM	4000 K	>70	8800 lm
911401676107	BRP130 LED88/CW 70W 220-240V DM GM	5700 K	>70	8800 lm
911401691807	BRP130 LED88/WW 70W 220-240V DM ANZ	3000 K	>70	8800 lm
911401691907	BRP130 LED88/NW 70W 220-240V DM ANZ	4000 K	>70	8800 lm
911401692007	BRP130 LED88/CW 70W 220-240V DM ANZ	5700 K	>70	8800 lm
911401675307	BRP131 LED125/WW 100W 220-240V DM GC	3000 K	>70	12500 lm
911401675407	BRP131 LED125/NW 100W 220-240V DM GC	4000 K	>70	12500 lm
911401676207	BRP131 LED125/WW 100W 220-240V DM GM	3000 K	>70	12500 lm
911401676307	BRP131 LED125/NW 100W 220-240V DM GM	4000 K	>70	12500 lm
911401676407	BRP131 LED125/CW 100W 220-240V DM GM	5700 K	>70	12500 lm
911401692107	BRP131 LED125/WW 100W 220-240V DM ANZ	3000 K	>70	12500 lm
911401692207	BRP131 LED125/NW 100W 220-240V DM ANZ	4000 K	>70	12500 lm

Order Code	Full Product Name	Init. Corr. Color Temperature	Init. Color Rendering Index	Initial luminous flux
911401692307	BRP131 LED125/CW 100W 220-240V DM ANZ	5700 K	>70	12500 lm
911401675607	BRP132 LED175/WW 140W 220-240V DM GC	3000 K	>70	17500 lm
911401675707	BRP132 LED175/NW 140W 220-240V DM GC	4000 K	>70	17500 lm
911401676507	BRP132 LED175/WW 140W 220-240V DM GM	3000 K	>70	17500 lm
911401676607	BRP132 LED175/NW 140W 220-240V DM GM	4000 K	>70	17500 lm
911401676707	BRP132 LED175/CW 140W 220-240V DM GM	5700 K	>70	17500 lm
911401684707	BRP132 LED140/WW 140W 220-240V DM GC MS	3000 K	>70	17500 lm
911401684807	BRP132 LED140/NW 140W 220-240V DM GC MS	4000 K	>70	17500 lm
911401685307	BRP132 LED140/WW 140W 220-240V DM GM MS	3000 K	>70	17500 lm
911401685407	BRP132 LED140/NW 140W 220-240V DM GM MS	4000 K	>70	17500 lm
911401685507	BRP132 LED140/CW 140W 220-240V DM GM MS	5700 K	>70	17500 lm
911401692407	BRP132 LED175/WW 140W 220-240V DM ANZ	3000 K	>70	17500 lm
911401692507	BRP132 LED175/NW 140W 220-240V DM ANZ	4000 K	>70	17500 lm
911401692607	BRP132 LED175/CW 140W 220-240V DM ANZ	5700 K	>70	17500 lm

Mechanical and housing

Order Code	Full Product Name	Color
911401635004	BRP132 LED140/NW 140W 220-240V DM	Dark gray
911401654806	BRP131 LED100/CW 100W 220-240V DM GM MS	Dark gray
911401655306	BRP132 LED140/CW 140W 220-240V DM GM MS	Dark gray
911401697104	BRP131 LED100/WW 100W 220-240V DM GM	Dark gray

Order Code	Full Product Name	Color
911401675007	BRP130 LED88/WW 70W 220-240V DM GC	Gray
911401675107	BRP130 LED88/NW 70W 220-240V DM GC	Gray
911401675907	BRP130 LED88/WW 70W 220-240V DM GM	Gray
911401676007	BRP130 LED88/NW 70W 220-240V DM GM	Gray

Order Code	Full Product Name	Color
911401676107	BRP130 LED88/CW 70W 220-240V DM GM	Gray
911401691807	BRP130 LED88/WW 70W 220-240V DM ANZ	Gray
911401691907	BRP130 LED88/NW 70W 220-240V DM ANZ	Gray
911401692007	BRP130 LED88/CW 70W 220-240V DM ANZ	Gray
911401675307	BRP131 LED125/WW 100W 220-240V DM GC	Gray
911401675407	BRP131 LED125/NW 100W 220-240V DM GC	Gray
911401676207	BRP131 LED125/WW 100W 220-240V DM GM	Gray
911401676307	BRP131 LED125/NW 100W 220-240V DM GM	Gray
911401676407	BRP131 LED125/CW 100W 220-240V DM GM	Gray
911401692107	BRP131 LED125/WW 100W 220-240V DM ANZ	Gray
911401692207	BRP131 LED125/NW 100W 220-240V DM ANZ	Gray
911401692307	BRP131 LED125/CW 100W 220-240V DM ANZ	Gray
911401675607	BRP132 LED175/WW 140W 220-240V DM GC	Gray

Order Code	Full Product Name	Color
911401675707	BRP132 LED175/NW 140W 220-240V DM GC	Gray
911401676507	BRP132 LED175/WW 140W 220-240V DM GM	Gray
911401676607	BRP132 LED175/NW 140W 220-240V DM GM	Gray
911401676707	BRP132 LED175/CW 140W 220-240V DM GM	Gray
911401684707	BRP132 LED140/WW 140W 220-240V DM GC MS	Gray
911401684807	BRP132 LED140/NW 140W 220-240V DM GC MS	Gray
911401685307	BRP132 LED140/WW 140W 220-240V DM GM MS	Gray
911401685407	BRP132 LED140/NW 140W 220-240V DM GM MS	Gray
911401685507	BRP132 LED140/CW 140W 220-240V DM GM MS	Gray
911401692407	BRP132 LED175/WW 140W 220-240V DM ANZ	Gray
911401692507	BRP132 LED175/NW 140W 220-240V DM ANZ	Gray
911401692607	BRP132 LED175/CW 140W 220-240V DM ANZ	Gray

