



Easily upgrade your city's lighting for future-proof energy savings

AluRoad gen2

The AluRoad gen2 family is available in 2 versions, standard AluRoad gen2 and AluRoad gen2 Pro. These are available in 2 sizes, Mini and Medium. Standard AluRoad gen2 as BGP020 Mini and BGP025 Medium, AluRoad gen2 Pro as BGP021 Mini and BGP026 Medium. Standard AluRoad gen2 features a fixed spigot for both post top 0 degrees tilt and side entry with limited negative tilt. AluRoad gen2 Pro is equipped with an adjustable spigot allowing tilt settings in both post top and side entry, positive and negative. AluRoad gen2 enables you to easily upgrade your city's lighting and enjoy the benefits of LED technology, designated to further minimize Total Cost of Investment and Ownership. The family is ideally suited for both new build areas and streets as well as renovation of existing installations. This affordable family not only offers a clean and timeless design to blend in with the environment, but also brings high quality lighting and future proof solutions with significant energy and maintenance savings over a long operational life.

Benefits

- Easy to install in both post top and side entry application.
- Interesting total cost of ownership.
- Limited initial investment.
- Considerable reduction in energy usage and carbon footprint
- further energy savings achievable when using CLO or stand alone dimming such as Dynadim.
- Signify Service tag (unique QR identification) for maintenance, installation, and spare part information.

Features

- Easy to install in both post top and side entry application.
- Interesting total cost of ownership through future proof energy savings.
- Limited initial investment.
- Considerable reduction in energy usage and carbon footprint
- further energy savings achievable when using CLO or standalone dimming such as Dynadim. Certainly, when using the Ultra Efficient versions available within the family.
- Signify Service tag (unique QR identification) for maintenance, installation, and spare part information.

Application

- Road and Street
- Residential
- Walkways
- Industrial area

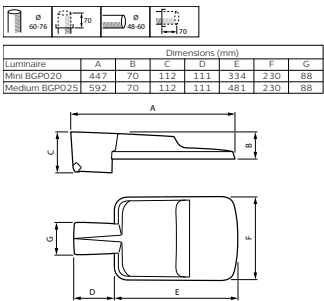
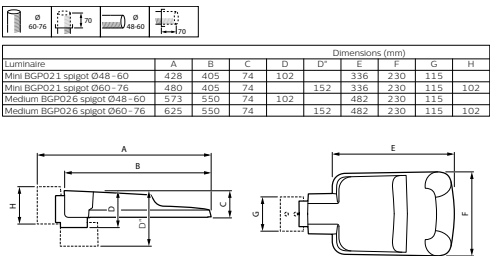
Versions



AluRoad gen2 Pro Mini side entry

AluRoad gen2 Pro Medium side entry

Dimensional drawing



Product details

AluRoad gen2 Pro Mini top view



AluRoad gen2 Pro Medium bottom view



AluRoad gen2 Pro Mini with Zhaga socket



AluRoad gen2 Pro Mini with OLC



AluRoad gen2 Pro Mini bottom view



AluRoad gen2 Pro tilt indicator



AluRoad gen2 Pro family top view



AluRoad gen2 Pro interior



AluRoad gen2 Pro family bottom view



AluRoad gen2 Pro 76mm spigot and tilt indicator



Product details

AluRoad gen2 Pro Medium with Zhaga socket



AluRoad gen2 Pro Medium with OLC



AluRoad gen2 Pro toolless opening option



AluRoad gen2 Pro Medium top view



General Information	
Driver included	Yes
Number of gear units	1 unit
Service tag	Yes
Light Technical	
Color rendering index (CRI)	70
Upward light output ratio	0
Mechanical and Housing	
Optical cover type	Flat glass
Housing Color	Gray
Ingress protection code	IP66
Standard tilt angle side entry	0°
Standard tilt angle posttop	0°
Approval and Application	
CE mark	Yes
Flammability mark	-

General Information

Order Code	Full Product Name	Lamp family code
46997600	BGP021 LED69/740 DM GR SRG10 48/60A	LED69
49921800	BGP021 LED70/740 DM10 GR 48/60A	LED70
49922500	BGP026 LED120/740 DM10 GR 48/60A	LED120
76883300	BGP020 LED51/740 II DM CLO-DDF2	LED51
76884000	BGP020 LED69/740 II DM CLO-DDF2	LED69
76901400	BGP020 LED51/730 II DM CLO-DDF2	LED51
47000200	BGP026 LED147/740 II DM GR SDM10E 48/60A	LED147
76885700	BGP025 LED91/740 II DM CLO-DDF2	LED91
76886400	BGP025 LED113/740 II DM CLO-DDF2	LED113
76887100	BGP025 LED147/740 II DM CLO-DDF2	LED147
76893200	BGP025 LED147/740 II DW CLO-DDF2	LED147
76904500	BGP025 LED113/730 II DM CLO-DDF2	LED113

Light Technical (1/2)

		Luminaire	Light	Correlated	
		light beam	source	Color	
Order Code	Full Product Name	spread	color	Temperature (Nom)	Luminous Flux
46997600	BGP021	5° x 55° x 150°	740	4000 K	5,848 lm
	LED69/740 DM		neutral		
	GR SRG10		white		
	48/60A				

		Luminaire	Light	Correlated	
		light beam	source	Color	
Order Code	Full Product Name	spread	color	Temperature (Nom)	Luminous Flux
49921800	BGP021	5° x 55° x 150°	740	4000 K	5,880 lm
	LED70/740 DM10		neutral		
	GR 48/60A		white		

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color	
				Temperature (Nom)	Luminous Flux
49922500	BGP026	5° x 55° x 150°	740	4000 K	10,320 lm
	LED120/740		neutral		
	DM10 GR 48/60A		white		
76883300	BGP020	5° x 55° x 150°	740	4000 K	4,312 lm
	LED51/740 II DM		neutral		
	CLO-DDF2		white		
76884000	BGP020	5° x 55° x 150°	740	4000 K	5,742 lm
	LED69/740 II DM		neutral		
	CLO-DDF2		white		
76901400	BGP020	5° x 55° x 150°	730 warm	3000 K	4,312 lm
	LED51/730 II DM		white		
	CLO-DDF2				
47000200	BGP026	5° x 55° x 150°	740	4000 K	12,325 lm
	LED147/740 II		neutral		
			white		

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color	
				Temperature (Nom)	Luminous Flux
76885700	DM GR SDM10E 48/60A	5° x 55° x 150°	740	4000 K	7,482 lm
	LED91/740 II DM		neutral		
	CLO-DDF2		white		
76886400	BGP025	5° x 55° x 150°	740	4000 K	9,030 lm
	LED113/740 II DM		neutral		
	CLO-DDF2		white		
76887100	BGP025	5° x 55° x 150°	740	4000 K	11,475 lm
	LED147/740 II		neutral		
	DM CLO-DDF2		white		
76893200	BGP025	23° x 59° x 148°	740	4000 K	11,475 lm
	LED147/740 II		neutral		
	DW CLO-DDF2		white		
76904500	BGP025	5° x 55° x 150°	730 warm	3000 K	9,030 lm
	LED113/730 II DM		white		
	CLO-DDF2				

Light Technical (2/2)

Order Code	Full Product Name	Optic type outdoor
46997600	BGP021 LED69/740 DM GR SRG10 48/60A	Distribution medium
49921800	BGP021 LED70/740 DM10 GR 48/60A	Distribution wide
49922500	BGP026 LED120/740 DM10 GR 48/60A	Distribution wide
76883300	BGP020 LED51/740 II DM CLO-DDF2	Distribution medium
76884000	BGP020 LED69/740 II DM CLO-DDF2	Distribution medium
76901400	BGP020 LED51/730 II DM CLO-DDF2	Distribution medium

Order Code	Full Product Name	Optic type outdoor
47000200	BGP026 LED147/740 II DM GR SDM10E 48/60A	Distribution medium
76885700	BGP025 LED91/740 II DM CLO-DDF2	Distribution medium
76886400	BGP025 LED113/740 II DM CLO-DDF2	Distribution medium
76887100	BGP025 LED147/740 II DM CLO-DDF2	Distribution medium
76893200	BGP025 LED147/740 II DW CLO-DDF2	Distribution wide
76904500	BGP025 LED113/730 II DM CLO-DDF2	Distribution medium

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
46997600	BGP021 LED69/740 DM GR SRG10 48/60A	39 W	Surge protection level until 10 kV differential mode and 10 kV common mode
49921800	BGP021 LED70/740 DM10 GR 48/60A	39.5 W	Surge protection level until 6 kV differential mode and 8 kV common mode
49922500	BGP026 LED120/740 DM10 GR 48/60A	65 W	Surge protection level until 6 kV differential mode and 8 kV common mode
76883300	BGP020 LED51/740 II DM CLO-DDF2	28.5 W	Surge protection level until 6 kV differential mode and 8 kV common mode
76884000	BGP020 LED69/740 II DM CLO-DDF2	39 W	Surge protection level until 6 kV differential mode and 8 kV common mode

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
76901400	BGP020 LED51/730 II DM CLO-DDF2	30 W	Surge protection level until 6 kV differential mode and 8 kV common mode
47000200	BGP026 LED147/740 II DM GR SDM10E 48/60A	81 W	Surge protection level until 6 kV differential mode and 10 kV common mode
76885700	BGP025 LED91/740 II DM CLO-DDF2	49.5 W	Surge protection level until 6 kV differential mode and 8 kV common mode
76886400	BGP025 LED113/740 II DM CLO-DDF2	61 W	Surge protection level until 6 kV differential mode and 8 kV common mode
76887100	BGP025 LED147/740 II DM CLO-DDF2	81 W	Surge protection level until 6 kV differential mode and 8 kV common mode

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
76893200	BGP025 LED147/740 II DW CLO-DDF2	81 W	Surge protection level until 6 kV differential mode and 8 kV common mode

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
76904500	BGP025 LED113/730 II DM CLO-DDF2	64 W	Surge protection level until 6 kV differential mode and 8 kV common mode

Controls and Dimming

Order Code	Full Product Name	Dimmable
46997600	BGP021 LED69/740 DM GR SRG10 48/60A	No
49921800	BGP021 LED70/740 DM10 GR 48/60A	Yes
49922500	BGP026 LED120/740 DM10 GR 48/60A	Yes
76883300	BGP020 LED51/740 II DM CLO-DDF2	Yes
76884000	BGP020 LED69/740 II DM CLO-DDF2	Yes
76901400	BGP020 LED51/730 II DM CLO-DDF2	Yes

Order Code	Full Product Name	Dimmable
47000200	BGP026 LED147/740 II DM GR SDM10E 48/60A	No
76885700	BGP025 LED91/740 II DM CLO-DDF2	Yes
76886400	BGP025 LED113/740 II DM CLO-DDF2	Yes
76887100	BGP025 LED147/740 II DM CLO-DDF2	Yes
76893200	BGP025 LED147/740 II DW CLO-DDF2	Yes
76904500	BGP025 LED113/730 II DM CLO-DDF2	Yes

Mechanical and Housing

Order Code	Full Product Name	Mech. impact protection code
46997600	BGP021 LED69/740 DM GR SRG10 48/60A	IK09
49921800	BGP021 LED70/740 DM10 GR 48/60A	IK09
49922500	BGP026 LED120/740 DM10 GR 48/60A	IK09
76883300	BGP020 LED51/740 II DM CLO-DDF2	IK08
76884000	BGP020 LED69/740 II DM CLO-DDF2	IK08
76901400	BGP020 LED51/730 II DM CLO-DDF2	IK08

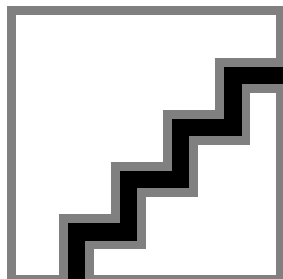
Order Code	Full Product Name	Mech. impact protection code
47000200	BGP026 LED147/740 II DM GR SDM10E 48/60A	IK09
76885700	BGP025 LED91/740 II DM CLO-DDF2	IK08
76886400	BGP025 LED113/740 II DM CLO-DDF2	IK08
76887100	BGP025 LED147/740 II DM CLO-DDF2	IK08
76893200	BGP025 LED147/740 II DW CLO-DDF2	IK08
76904500	BGP025 LED113/730 II DM CLO-DDF2	IK08

Product Data

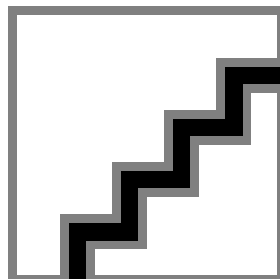
Order Code	Full Product Name	Product family code
46997600	BGP021 LED69/740 DM GR SRG10 48/60A	BGP021
49921800	BGP021 LED70/740 DM10 GR 48/60A	BGP021
49922500	BGP026 LED120/740 DM10 GR 48/60A	BGP026
76883300	BGP020 LED51/740 II DM CLO-DDF2	BGP020
76884000	BGP020 LED69/740 II DM CLO-DDF2	BGP020
76901400	BGP020 LED51/730 II DM CLO-DDF2	BGP020

Order Code	Full Product Name	Product family code
47000200	BGP026 LED147/740 II DM GR SDM10E 48/60A	BGP026
76885700	BGP025 LED91/740 II DM CLO-DDF2	BGP025
76886400	BGP025 LED113/740 II DM CLO-DDF2	BGP025
76887100	BGP025 LED147/740 II DM CLO-DDF2	BGP025
76893200	BGP025 LED147/740 II DW CLO-DDF2	BGP025
76904500	BGP025 LED113/730 II DM CLO-DDF2	BGP025

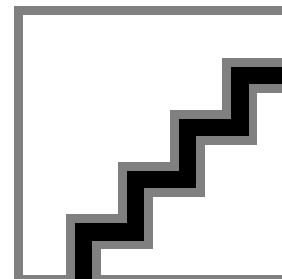
Polar Wide Diagrams



Polar Normal (separate) - BGP0261 - 910925870308

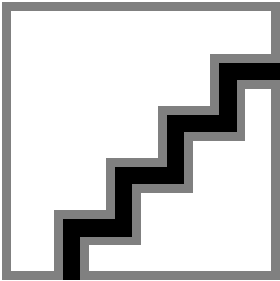


Polar Normal (separate) - BGP0261 - 910925870395



Polar Normal (separate) - BGP0211 - 910925870305

Polar Wide Diagrams



Polar Normal (separate) - BGP021I - 910925870394

