



# 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 BGPO20 Mini and BGPO25 Medium, AluRoad gen2 Pro as BGPO21 Mini and BGPO26 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.

# AluRoad gen2

## 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



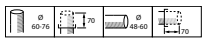
AluRoad gen2 Pro Mini side entry

AluRoad gen2 Pro family

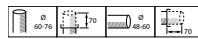
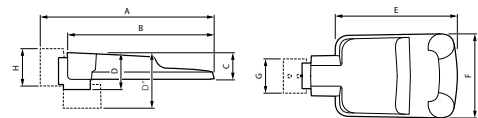
AluRoad gen2 Pro Medium side entry

BGP025 AluRoad gen2 Medium post top

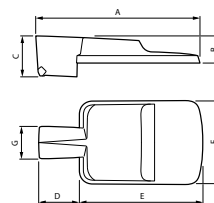
## Dimensional drawing



Luminaire	Dimensions (mm)								
	A	B	C	D	D'	E	F	G	H
Mini BGP021 spojgot Ø48-60	428	405	74	102		336	230	115	
Mini BGP021 spojgot Ø60-76	480	405	74		152	336	230	115	102
Medium BGP026 spojgot Ø48-60	573	550	74	102		482	230	115	
Medium BGP026 spojgot Ø60-76	625	550	74		152	482	230	115	102



Luminaire	Dimensions (mm)						
	A	B	C	D	E	F	G
Mini BGP020	447	70	112	111	334	230	88
Medium BGP025	592	70	112	111	481	230	88



# AluRoad gen2

## 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



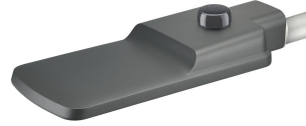
# AluRoad gen2

## 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)

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

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

## AluRoad gen2

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
49922500	DM GR SDM10E 48/60A				
76885700	BGP025	5° x 55° x 150°	740	4000 K	7,482 lm
	LED91/740 II DM CLO-DDF2				
76886400	BGP025	5° x 55° x 150°	740	4000 K	9,030 lm
	LED113/740 II DM CLO-DDF2				
76887100	BGP025	5° x 55° x 150°	740	4000 K	11,475 lm
	LED147/740 II DM CLO-DDF2				
76893200	BGP025	23° x 59° x 148°	740	4000 K	11,475 lm
	LED147/740 II DW CLO-DDF2				
76904500	BGP025	5° x 55° x 150°	730 warm	3000 K	9,030 lm
	LED113/730 II DM 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

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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

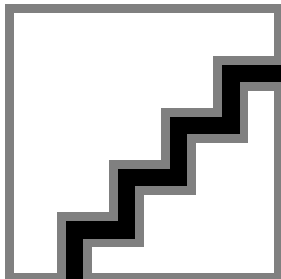
Order Code	Full Product Name	Mech. impact protection code
47000200	BGP026 LED147/740 II DM GR SDM10E 48/60A	IK09
76885700	BGP025 LED91/740 II DM CLO-DDF2	IK08
76886400	BGP025 LED113/740 II DM CLO-DDF2	IK08
76887100	BGP025 LED147/740 II DM CLO-DDF2	IK08
76893200	BGP025 LED147/740 II DW CLO-DDF2	IK08
76904500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

## Product Data

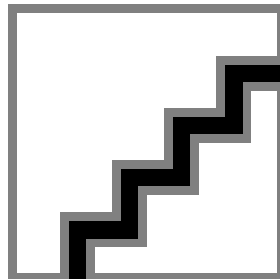
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49921800	BGP021 LED70/740 DM10 GR 48/60A	BGP021
49922500	BGP026 LED120/740 DM10 GR 48/60A	BGP026
76883300	BGP020 LED51/740 II DM CLO-DDF2	BGP020
76884000	BGP020 LED69/740 II DM CLO-DDF2	BGP020
76901400	BGP020 LED51/730 II DM CLO-DDF2	BGP020

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

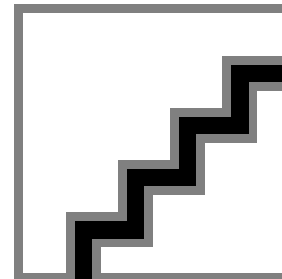
## Polar Wide Diagrams



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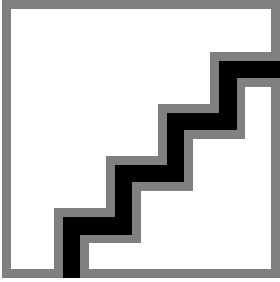
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Polar Normal (separate) - BGP0211 - 910925870305

## AluRoad gen2

### Polar Wide Diagrams



Polar Normal (separate) - BGP021I -  
910925870394

