



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.

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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



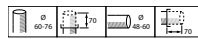
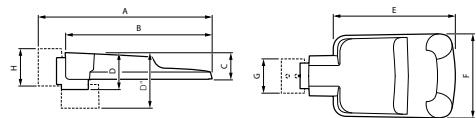
AluRoad gen2 Pro Mini side entry

AluRoad gen2 Pro Medium side entry

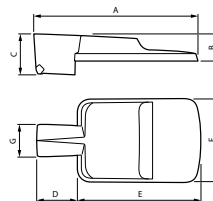
Dimensional drawing



Luminaire	Dimensions (mm)								
	A	B	C	D	D'	E	F	G	H
Mini BGPO21 spojgot Ø48-60	428	405	74	102		336	230	115	
Mini BGPO21 spojgot Ø60-76	480	405	74		152	336	230	115	102
Medium BGPO26 spojgot Ø48-60	573	550	74	102		482	230	115	
Medium BGPO26 spojgot Ø60-76	625	550	74		152	482	230	115	102



Luminaire	Dimensions (mm)						
	A	B	C	D	E	F	G
Mini BGPO20	447	70	112	111	334	230	88
Medium BGPO25	592	70	112	111	481	230	88



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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



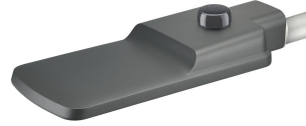
AluRoad gen2

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
910925870305	BGP021 LED69/740 DM GR SRG10 48/60A	LED69
910925870392	BGP021 LED35/740 DM10 GR 48/60A	LED35
910925870393	BGP021 LED56/740 DM10 GR 48/60A	LED56
910925870394	BGP021 LED70/740 DM10 GR 48/60A	LED70
910925870395	BGP026 LED120/740 DM10 GR 48/60A	LED120
910925870396	BGP021 LED35/730 DM10 GR 48/60A	LED35
910925869085	BGP020 LED51/740 II DM CLO-DDF2	LED51
910925869086	BGP020 LED69/740 II DM CLO-DDF2	LED69
910925869104	BGP020 LED51/730 II DM CLO-DDF2	LED51
910925870308	BGP026 LED147/740 II DM GR SDM10E 48/60A	LED147
910925869087	BGP025 LED91/740 II DM CLO-DDF2	LED91
910925869088	BGP025 LED113/740 II DM CLO-DDF2	LED113
910925869089	BGP025 LED147/740 II DM CLO-DDF2	LED147
910925869095	BGP025 LED147/740 II DW CLO-DDF2	LED147
910925869107	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
910925870305	BGP021	5° x 55° x 150°	740	4000 K	5,848 lm
	LED69/740 DM		neutral		
	GR SRG10		white		
	48/60A				

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated	
				Color Temperature (Nom)	Luminous Flux
910925870392	BGP021	5° x 55° x 150°	740	4000 K	3,010 lm
	LED35/740		neutral		
	DM10 GR		white		
	48/60A				

AluRoad gen2

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color	
				Temperature (Nom)	Luminous Flux
910925870393	BGP021	5° x 55° x 150°	740	4000 K	4,760 lm
	LED56/740		neutral		
	DM10 GR		white		
	48/60A				
910925870394	BGP021	5° x 55° x 150°	740	4000 K	5,880 lm
	LED70/740		neutral		
	DM10 GR		white		
	48/60A				
910925870395	BGP026	5° x 55° x 150°	740	4000 K	10,320 lm
	LED120/740		neutral		
	DM10 GR		white		
	48/60A				
910925870396	BGP021	5° x 55° x 150°	730	3000 K	3,010 lm
	LED35/730		warm		
	DM10 GR		white		
	48/60A				
910925869085	BGP020	5° x 55° x 150°	740	4000 K	4,312 lm
	LED51/740 II		neutral		
	DM CLO-DDF2		white		
910925869086	BGP020	5° x 55° x 150°	740	4000 K	5,742 lm
	LED69/740 II		neutral		
	DM CLO-DDF2		white		

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Correlated Color	
				Temperature (Nom)	Luminous Flux
910925869104	BGP020	5° x 55° x 150°	730	3000 K	4,312 lm
	LED51/730 II		warm		
	DM CLO-DDF2		white		
910925870308	BGP026	5° x 55° x 150°	740	4000 K	12,325 lm
	LED147/740 II		neutral		
	DM GR SDM10E		white		
910925869087	BGP025	5° x 55° x 150°	740	4000 K	7,482 lm
	LED91/740 II		neutral		
	DM CLO-DDF2		white		
910925869088	BGP025	5° x 55° x 150°	740	4000 K	9,030 lm
	LED113/740 II		neutral		
	DM CLO-DDF2		white		
910925869089	BGP025	5° x 55° x 150°	740	4000 K	11,475 lm
	LED147/740 II		neutral		
	DM CLO-DDF2		white		
910925869095	BGP025	23° x 59° x 148°	740	4000 K	11,475 lm
	LED147/740 II		neutral		
	DW CLO-DDF2		white		
910925869107	BGP025	5° x 55° x 150°	730	3000 K	9,030 lm
	LED113/730 II		warm		
	DM CLO-DDF2		white		

Light Technical (2/2)

Order Code	Full Product Name	Optic type outdoor
910925870305	BGP021 LED69/740 DM GR SRG10 48/60A	Distribution medium
910925870392	BGP021 LED35/740 DM10 GR 48/60A	Distribution wide
910925870393	BGP021 LED56/740 DM10 GR 48/60A	Distribution wide
910925870394	BGP021 LED70/740 DM10 GR 48/60A	Distribution wide
910925870395	BGP026 LED120/740 DM10 GR 48/60A	Distribution wide
910925870396	BGP021 LED35/730 DM10 GR 48/60A	Distribution wide
910925869085	BGP020 LED51/740 II DM CLO-DDF2	Distribution medium
910925869086	BGP020 LED69/740 II DM CLO-DDF2	Distribution medium

Order Code	Full Product Name	Optic type outdoor
910925869104	BGP020 LED51/730 II DM CLO-DDF2	Distribution medium
910925870308	BGP026 LED147/740 II DM GR SDM10E 48/60A	Distribution medium
910925869087	BGP025 LED91/740 II DM CLO-DDF2	Distribution medium
910925869088	BGP025 LED113/740 II DM CLO-DDF2	Distribution medium
910925869089	BGP025 LED147/740 II DM CLO-DDF2	Distribution medium
910925869095	BGP025 LED147/740 II DW CLO-DDF2	Distribution wide
910925869107	BGP025 LED113/730 II DM CLO-DDF2	Distribution medium

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
910925870305	BGP021 LED69/740 DM GR SRG10 48/60A	39 W	Surge protection level until 10 kV differential mode and 10 kV common mode
910925870392	BGP021 LED35/740 DM10 GR 48/60A	19.6 W	Surge protection level until 6 kV differential mode and 8 kV common mode
910925870393	BGP021 LED56/740 DM10 GR 48/60A	31 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)
910925870394	BGP021 LED70/740 DM10 GR 48/60A	39.5 W	Surge protection level until 6 kV differential mode and 8 kV common mode
910925870395	BGP026 LED120/740 DM10 GR 48/60A	65 W	Surge protection level until 6 kV differential mode and 8 kV common mode
910925870396	BGP021 LED35/730 DM10 GR 48/60A	20.5 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)
910925869085	BGP020 LED51/740 II DM CLO-DDF2	28.5 W	Surge protection level until 6 kV differential mode and 8 kV common mode
910925869086	BGP020 LED69/740 II DM CLO-DDF2	39 W	Surge protection level until 6 kV differential mode and 8 kV common mode
910925869104	BGP020 LED51/730 II DM CLO-DDF2	30 W	Surge protection level until 6 kV differential mode and 8 kV common mode
910925870308	BGP026 LED147/740 II DM GR SDM10E 48/60A	81 W	Surge protection level until 6 kV differential mode and 10 kV common mode
910925869087	BGP025 LED91/740 II DM CLO-DDF2	49.5 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)
910925869088	BGP025 LED113/740 II DM CLO-DDF2	61 W	Surge protection level until 6 kV differential mode and 8 kV common mode
910925869089	BGP025 LED147/740 II DM CLO-DDF2	81 W	Surge protection level until 6 kV differential mode and 8 kV common mode
910925869095	BGP025 LED147/740 II DW CLO-DDF2	81 W	Surge protection level until 6 kV differential mode and 8 kV common mode
910925869107	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
910925870305	BGP021 LED69/740 DM GR SRG10 48/60A	No
910925870392	BGP021 LED35/740 DM10 GR 48/60A	Yes
910925870393	BGP021 LED56/740 DM10 GR 48/60A	Yes
910925870394	BGP021 LED70/740 DM10 GR 48/60A	Yes
910925870395	BGP026 LED120/740 DM10 GR 48/60A	Yes
910925870396	BGP021 LED35/730 DM10 GR 48/60A	Yes
910925869085	BGP020 LED51/740 II DM CLO-DDF2	Yes
910925869086	BGP020 LED69/740 II DM CLO-DDF2	Yes

Order Code	Full Product Name	Dimmable
910925869104	BGP020 LED51/730 II DM CLO-DDF2	Yes
910925870308	BGP026 LED147/740 II DM GR SDM10E 48/60A	No
910925869087	BGP025 LED91/740 II DM CLO-DDF2	Yes
910925869088	BGP025 LED113/740 II DM CLO-DDF2	Yes
910925869089	BGP025 LED147/740 II DM CLO-DDF2	Yes
910925869095	BGP025 LED147/740 II DW CLO-DDF2	Yes
910925869107	BGP025 LED113/730 II DM CLO-DDF2	Yes

Mechanical and Housing

Order Code	Full Product Name	Mech. impact protection code
910925870305	BGP021 LED69/740 DM GR SRG10 48/60A	IK09
910925870392	BGP021 LED35/740 DM10 GR 48/60A	IK09
910925870393	BGP021 LED56/740 DM10 GR 48/60A	IK09
910925870394	BGP021 LED70/740 DM10 GR 48/60A	IK09
910925870395	BGP026 LED120/740 DM10 GR 48/60A	IK09
910925870396	BGP021 LED35/730 DM10 GR 48/60A	IK09
910925869085	BGP020 LED51/740 II DM CLO-DDF2	IK08
910925869086	BGP020 LED69/740 II DM CLO-DDF2	IK08

Order Code	Full Product Name	Mech. impact protection code
910925869104	BGP020 LED51/730 II DM CLO-DDF2	IK08
910925870308	BGP026 LED147/740 II DM GR SDM10E 48/60A	IK09
910925869087	BGP025 LED91/740 II DM CLO-DDF2	IK08
910925869088	BGP025 LED113/740 II DM CLO-DDF2	IK08
910925869089	BGP025 LED147/740 II DM CLO-DDF2	IK08
910925869095	BGP025 LED147/740 II DW CLO-DDF2	IK08
910925869107	BGP025 LED113/730 II DM CLO-DDF2	IK08

Product Data

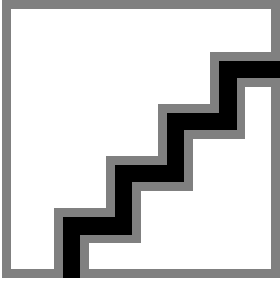
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910925870393	BGP021 LED56/740 DM10 GR 48/60A	BGP021
910925870394	BGP021 LED70/740 DM10 GR 48/60A	BGP021
910925870395	BGP026 LED120/740 DM10 GR 48/60A	BGP026
910925870396	BGP021 LED35/730 DM10 GR 48/60A	BGP021

Order Code	Full Product Name	Product family code
910925869085	BGP020 LED51/740 II DM CLO-DDF2	BGP020
910925869086	BGP020 LED69/740 II DM CLO-DDF2	BGP020
910925869104	BGP020 LED51/730 II DM CLO-DDF2	BGP020
910925870308	BGP026 LED147/740 II DM GR SDM10E 48/60A	BGP026
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910925869088	BGP025 LED113/740 II DM CLO-DDF2	BGP025

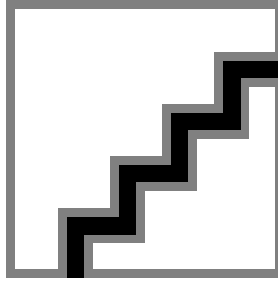
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910925869095	BGP025 LED147/740 II DW CLO-DDF2	BGP025

Order Code	Full Product Name	Product family code
910925869107	BGP025 LED113/730 II DM CLO-DDF2	BGP025

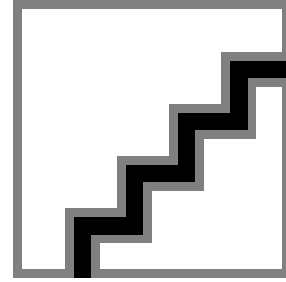
Polar Wide Diagrams



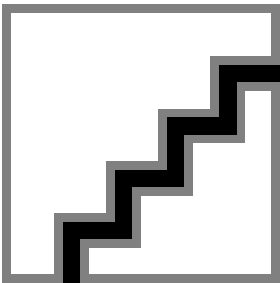
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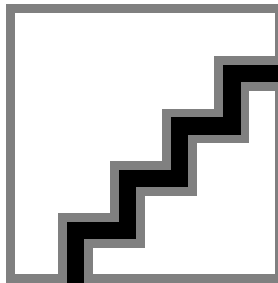
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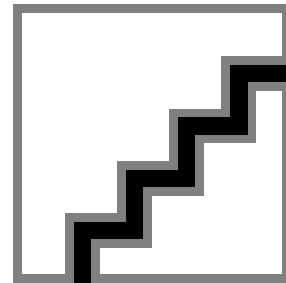
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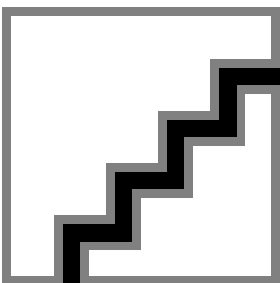
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Polar Normal (separate) - BGP021I - 910925870396



Polar Normal (separate) - BGP021I - 910925870393



Polar Normal (separate) - BGP021I - 910925870392

