

AluRoad gen2

9260510



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

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.

Applications

- Road and Street
- Residential
- Walkways
- Industrial area

Features

- Easy to install in both post top and side entry application.
- Interesting total cost of ownership through future proof energy savings.

Versions

- 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.



AluRoad gen2 Pro mini side entry



AluRoad gen2 Pro Mini side entry



AluRoad gen2 Pro medium side entry



BGP020 AluRoad gen2 Mini post top



AluRoad gen2 Pro Medium side entry

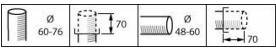


BGP025 AluRoad gen2 Medium post top

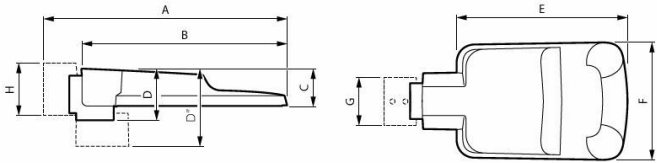


AluRoad gen2 Pro family with OLC

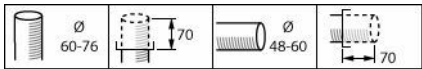
Dimensional drawing



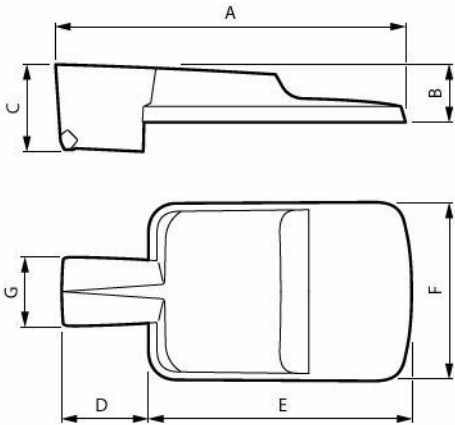
Dimensions (mm)								
Luminaire	A	B	C	D	D*	E	F	G
Mini BGP021 spigot Ø48-60	428	405	74	102		336	230	115
Mini BGP021 spigot Ø60-76	480	405	74		152	336	230	115
Medium BGP026 spigot Ø48-60	573	550	74	102		482	230	115
Medium BGP026 spigot Ø60-76	625	550	74		152	482	230	115



BGP021 LED70/740 DM10 GR 48/60A



Dimensions (mm)							
Luminaire	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



BGP025 LED113/730 II DM CLO-DDF2

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
view



AluRoad gen2 Pro family
bottom view



AluRoad gen2 Pro 76mm
spigot and tilt indicator



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

Number of gear units	1 unit
Driver included	Yes
Service tag	Yes

Light Technical

Upward light output ratio	0
Color rendering index (CRI)	70

Mechanical and Housing

Housing Color	Gray
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	Flat glass

Approval and Application

Flammability mark	-
CE mark	Yes

General Information

Order Code	Full Product Name	Lamp family code
49922500	BGP026 LED120/740 DM10 GR 48/60A	LED120
46997600	BGP021 LED69/740 DM GR SRG10 48/60A	LED69
49921800	BGP021 LED70/740 DM10 GR 48/60A	LED70
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

Order Code	Full Product Name	Luminous Flux	Correlated Color Temperature (Nom)	Light source color	Luminaire light beam spread	Optic type outdoor
49922500	BGP026 LED120/740 DM10 GR 48/60A	10,320 lm	4000 K	740 neutral white	5° x 55° x 150°	Distribution wide
46997600	BGP021 LED69/740 DM GR SRG10 48/60A	5,848 lm	4000 K	740 neutral white	5° x 55° x 150°	Distribution medium
49921800	BGP021 LED70/740 DM10 GR 48/60A	5,880 lm	4000 K	740 neutral white	5° x 55° x 150°	Distribution wide
76883300	BGP020 LED51/740 II DM CLO-DDF2	4,312 lm	4000 K	740 neutral white	5° x 55° x 150°	Distribution medium
76884000	BGP020 LED69/740 II DM CLO-DDF2	5,742 lm	4000 K	740 neutral white	5° x 55° x 150°	Distribution medium
76901400	BGP020 LED51/730 II DM CLO-DDF2	4,312 lm	3000 K	730 warm white	5° x 55° x 150°	Distribution medium
47000200	BGP026 LED147/740 II DM GR SDM10E 48/60A	12,325 lm	4000 K	740 neutral white	5° x 55° x 150°	Distribution medium
76885700	BGP025 LED91/740 II DM CLO-DDF2	7,482 lm	4000 K	740 neutral white	5° x 55° x 150°	Distribution medium
76886400	BGP025 LED113/740 II DM CLO-DDF2	9,030 lm	4000 K	740 neutral white	5° x 55° x 150°	Distribution medium
76887100	BGP025 LED147/740 II DM CLO-DDF2	11,475 lm	4000 K	740 neutral white	5° x 55° x 150°	Distribution medium
76893200	BGP025 LED147/740 II DW CLO-DDF2	11,475 lm	4000 K	740 neutral white	23° x 59° x 148°	Distribution wide
76904500	BGP025 LED113/730 II DM CLO-DDF2	9,030 lm	3000 K	730 warm white	5° x 55° x 150°	Distribution medium

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
49922500	BGP026 LED120/740 DM10 GR 48/60A	65 W	Surge protection level until 6 kV differential mode and 8 kV common mode
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
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
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
76893200	BGP025 LED147/740 II DW CLO-DDF2	81 W	Surge protection level until 6 kV differential mode and 8 kV common mode
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
49922500	BGP026 LED120/740 DM10 GR 48/60A	Yes
46997600	BGP021 LED69/740 DM GR SRG10 48/60A	No
49921800	BGP021 LED70/740 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
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

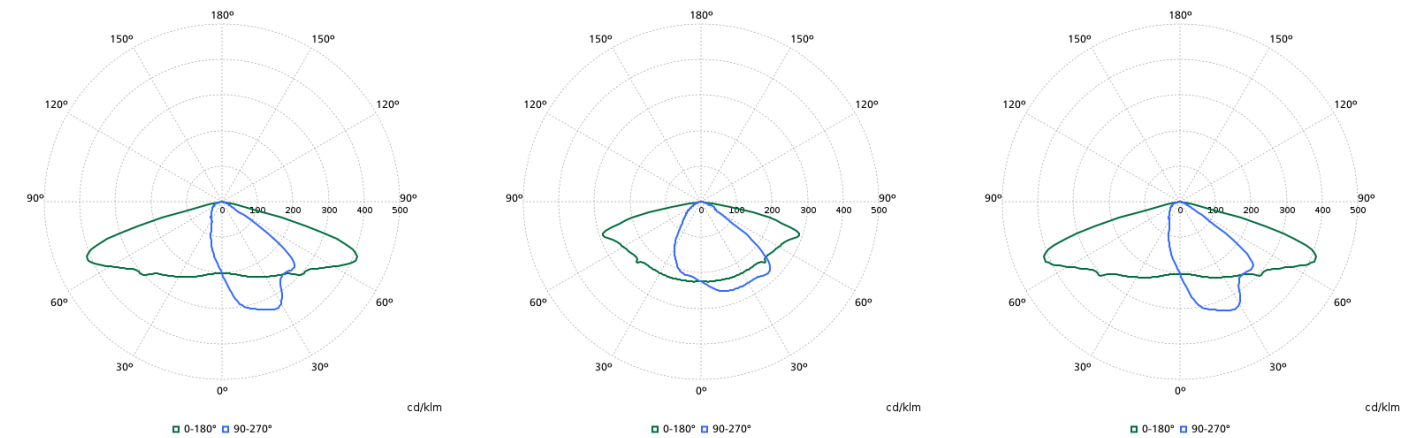
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49922500	BGP026 LED120/740 DM10 GR 48/60A	IK09
46997600	BGP021 LED69/740 DM GR SRG10 48/60A	IK09
49921800	BGP021 LED70/740 DM10 GR 48/60A	IK09
76883300	BGP020 LED51/740 II DM CLO-DDF2	IK08
76884000	BGP020 LED69/740 II DM CLO-DDF2	IK08
76901400	BGP020 LED51/730 II DM CLO-DDF2	IK08
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
49922500	BGP026 LED120/740 DM10 GR 48/60A	BGP026
46997600	BGP021 LED69/740 DM GR SRG10 48/60A	BGP021
49921800	BGP021 LED70/740 DM10 GR 48/60A	BGP021
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
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

Order Code	Full Product Name	Product family code
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

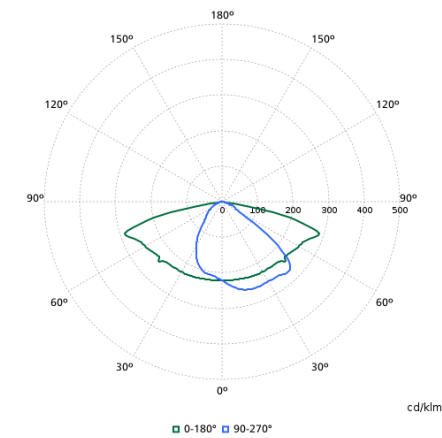
Polar normal diagrams



BGP026I - 910925870308

BGP026I - 910925870395

BGP021I - 910925870305



BGP021I - 910925870394

