



AluRoad gen2

BGP021 LED51/730 II DN GR 48/60A

BGP021 | BGP021 AluRoad gen2 Pro Mini, LED51 | LED module 5100 lm, LED, 29.5 W, Non dimmable driver Economy (no LR/LC), Distribution narrow, Flat glass, 23° x 44° x 152°, Single layer powder coating, Universal for diameter 48 to 60 mm adjustable

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.

Product data

General Information	
Lamp family code	LED51 [LED module 5100 lm]
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Value ladder	Value
Warranty period	5 years

Sustainability rating	
Lighting for circularity	

Light Technical	
Upward light output ratio	0
Luminous Flux	4,400 lm
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	149 lm/W
Color rendering index (CRI)	70

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Light source color	730 warm white
Luminaire light beam spread	23° x 44° x 152°
Optic type outdoor	Distribution narrow
Effective projected area	0.03 m ²

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	18.7 A
Inrush time	0.195 ms
Power Consumption	29.5 W
Power Factor (Fraction)	0.96
Connection	Push-in connector 2-pole
Cable	-
Number of products on MCB of 16 A type B	32
Protection class IEC	Safety class II
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode

Controls and Dimming

Dimmable	No
Driver/power unit/transformer	Non dimmable driver Economy (no LR/LC)
Control interface	-
Constant light output	No

Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Glass
Fixation material	Stainless steel
Housing Color	Gray
Mounting device	Universal for diameter 48 to 60 mm adjustable
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	428 mm
Overall width	230 mm
Overall height	95 mm
Dimensions (Height x Width x Depth)	95 x 230 x 428 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]

Mech. impact protection code	IK09 [10 J]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	Flat glass
Net Weight (Piece)	3.400 kg

Approval and Application

Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Ambient temperature range	-40 °C to 50 °C

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.43, 0.40) SDCM<5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

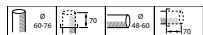
Control gear failure rate at median useful life 5 %	50000 h
Control gear failure rate at median useful life 10 %	100000 h
Lumen maintenance at median useful life*	L98
	50000 h
Lumen maintenance at median useful life*	L95
	100000 h

Product Data

Order product name	BGP021 LED51/730 II DN GR 48/60A
Full product name	BGP021 LED51/730 II DN GR 48/60A
Full product code	872016947010100
Order code	910925870318
Material Nr. (12NC)	910925870318
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8720169470101
Numerator - Packs per outer box	1
EAN/UPC - Case	8720169470101
Product family code	BGP021 [BGP021 AluRoad gen2 Pro Mini]

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Dimensional drawing



	A	B	C	D	D'	E	F	G	H
Luminaire									
Mini BGP021.spjgjet Ø48-60	428	405	74	102		336	230	115	
Mini BGP021.spjgjet Ø60-76	490	405	74		152	336	230	115	102
Medium BGP026.spjgjet Ø48-60	573	550	74	102		482	230	115	
Medium BGP026.spjgjet Ø60-76	625	550	74		152	482	230	115	102

