PHILIPS

Lighting

AluRoad gen2

BGP025 LED113/740 II DM CLO-DDF2

AluRoad gen2, Road & street light, 61 W, 9030 lm, 4000 K, CRI70, Programmable (via DALI or NFC) stand-alone dimming, Distribution medium, Safety class II, IP66

Road & street light, Aluminum die cast, Gray, Light gray (RAL7035), Single layer powder coating, Side-entry for diameter 48 to 60 mm, Power supply unit with DynaDimmer and constant light output (integrated), Constant light output and DynaDimmer fixed presets version 2, 9030 lm, 61 W, 153 lm/W, 4000 K, (0.38. 0.38) SDCM <5, CRI70, Distribution medium, IP66 | Dust penetration-protected, jet-proof, IK08 | 5 J vandal-protected, Safety class II, Surge protection level until 6 kV differential mode and 8 kV common mode, Push-in connector 2-pole

Product data

General Information	
Lamp family code	LED113 [LED module 11300 lm]
Number of gear units	1 unit
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Value ladder	Performance
Warranty period	5 years

Light Technical	
Upward light output ratio	0
Luminous Flux	9,030 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	153 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Luminaire light beam spread	5° x 55° x 150°
Optic type outdoor	Distribution medium
Effective projected area	0.032 m²

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	43 A
Inrush time	0.27 ms
Power Consumption	61 W
Power Factor (Fraction)	0.97
Connection	Push-in connector 2-pole
Cable	-

AluRoad gen2

Number of products on MCB of 16 A type B	10
Protection class IEC	Safety class II
Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 8 kV common mode

Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer and constant light output (integrated)
Control interface	Programmable (via DALI or NFC) stand-alone dimming
Constant light output	Yes
Embedded control	Constant light output and DynaDimmer fixed presets version 2

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	Side-entry for diameter 48 to 60 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	592 mm
Overall width	230 mm
Overall height	112 mm
Dimensions (Height x Width x Depth)	112 x 230 x 592 mm
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Optical cover type	Flat glass
Net Weight (Piece)	4.400 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	(0.38. 0.38) 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 50000 h	5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 50000 h	L98
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L95

Sustainability Data

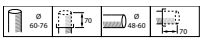
Sustainability rating	Signify Circle
Repair class	Repair Class B, the driver and light source of this luminaire can be replaced by a service technician. Parts and documentation are available for an extended period of time.
Embedded carbon (A1-A3)	33.7 kg CO_2e
Product non-virgin material ratio	38.8 %
Recyclable content ratio of the finished product	56.1 %
GWP total B6 (kg CO2eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO2eq / kwh)
GWP total B6 (kg CO2eq) Functional Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * 1000 (lm) / lumen output (lm) Declared Unit * 35000 (hrs) * Energy mix (kg CO2 eq / kwh)
Non-virgin material ratio of the packaging	Cardboard > 80% recycled Plastic >35% recycled
Packaging Recyclable content ratio	Cardboard recycling rate > 80% Plastic recycling rate > 40%
Packaging Material	Cardboard Plastic

Product Data

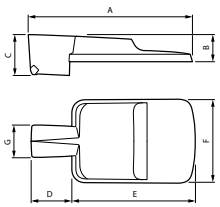
Order product name	BGP025 LED113/740 II DM CLO-DDF2
Full product name	BGP025 LED113/740 II DM CLO-DDF2
Full product code	871951476886400
Order code	76886400
Material Nr. (12NC)	910925869088
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Product family code	BGP025 [AluRoad gen2 Medium]

AluRoad gen2

Dimensional drawing



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



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