



DigiStreet

BGP763 LED360/740 I DW50 BL1 DGR IACZ-4-

DigiStreet, Road & street light, 198 W, 20060 lm, 4000 K, CRI70, GPRS network, Distribution wide 50, Safety class I, IP66

Developed with the aim to become your long term partner, the system ready architecture of DigiStreet enables you to enjoy the benefits of connected lighting systems today and also gets the city ready for the innovations to come!. Its two sockets enable you to connect directly to the CityTouch system and is also prepared to connect you to the future innovations of IoT. Next to this, each individual luminaire is uniquely identifiable, thanks to the Service tag application. With a simple scan of a QR code, placed on the inside of the mast door, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, no matter what stage of the luminaire's lifetime. DigiStreet is also equipped with dedicated light recipes that: 1) maintain an optimal ecosystems for bats or 2) preserve a dark night sky.

Product data

General Information	
Lamp family code	LED360 [LED module 36000 lm]
Light source replaceable	Yes
Number of gear units	2 units
Driver included	Yes
Light source engine type	LED
Service tag	Yes
Lighting Technology	LED
Value ladder	Specification
Warranty period	5 years

Light Technical	
Upward light output ratio	0
Luminous Flux	20,060 lm
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	101 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Luminaire light beam spread	152° - 25° × 66°
Optic type outdoor	Distribution wide 50
Effective projected area	0.08 m²

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	205 W
Average CLO power consumption	210 W
End CLO power consumption	215 W
Inrush current	65 A
Inrush time	0.33 ms
Power Consumption	198 W
Power Factor (Fraction)	0.97
Connection	Screw connector
Cable	-
Number of products on MCB of 16 A type B	15
Protection class IEC	Safety class I
Surge Protection (Common/Differential)	Surge protection level until 6 kV differential mode and 8 kV common mode

Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit with DALI and SystemReady interface and constant light output (integrated)
Control interface	GPRS network
Constant light output	Yes
Maximum dim level	0% (digital)

Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Stainless steel
Housing Color	Dark gray
Mounting device	Spigot for diameter 76 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	1,068 mm
Overall width	361 mm
Overall height	147 mm
Dimensions (Height x Width x Depth)	147 x 361 x 1068 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)	11.652 kg

Approval and Application	
Flammability mark	-
CE mark	Yes
ENEC mark	ENEC mark

Photobiological risk	Photobiological risk group 0 @200mm to EN62778
EU RoHS compliant	Yes
Performance ambient temperature Tq	25 °C
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components
Ambient temperature range	-40 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
Standard Deviation of Colour Matching (McAdam ellipse)	SDCM≤5

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	L100
Lumen maintenance (EN-IEC 62722-2-1) at median useful life* 100000 h	L100

Sustainability Data	
Sustainability rating	Unclassified
Embedded carbon (A1-A3)	257 kg CO ₂ e
Product non-virgin material ratio	6.51 %
Recyclable content ratio of the finished product	48.3 %
GWP total B6 (kg CO ₂ eq) Declared Unit	Please calculate using your local energy mix value: Power Declared Unit (kW) * Service life (hrs) Declared Unit * Energy mix (kg CO ₂ eq / kWh)
GWP total B6 (kg CO ₂ eq) 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 CO ₂ eq / kWh)

Product Data	
Order product name	BGP763 LED360/740 I DW50 BL1 DGR IACZ-4-
Full product name	BGP763 LED360/740 I DW50 BL1 DGR IACZ-4-
Full product code	871951418217200
Order code	910925867985
Material Nr. (12NC)	910925867985
Numerator - Quantity Per Pack	1

EAN/UPC - Product/Case	8719514182172
Numerator - Packs per outer box	1
EAN/UPC - Case	8719514182172

Product family code	BGP763 [DigiStreet Large]
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Dimensional drawing

