



DigiStreet

BGP763 LED340-/740 II DW10 DGR SRG10 62

DigiStreet Large - LED module 34000 lm - 740 neutral white - Safety class II (II) - Distribution wide 12 - Dark gray - Surge protection level until 10 kV - Spigot for diameter 60 mm

Developed with the aim of becoming 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 Philips CityTouch system and it is also prepared to connect you to the future innovations of IoT. In addition, each individual luminaire is uniquely identifiable, thanks to the Philips 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.

Product data

General Information		Cable	-
Number of light sources	1 [1 pc]	Protection class IEC	Safety class II (II)
Lamp family code	LED340 [LED module 34000 lm]	Glow-wire test	650/5 [Temperature 650 °C, duration 5 s]
Light source colour	740 neutral white	Flammability mark	NO [-]
Light source replaceable	No	CE mark	CE mark
Number of gear units	2 units	ENEC mark	ENEC mark
Gear	EB [Electronic]	UL mark	-
Driver/power unit/transformer	PSU [Power supply unit]	Warranty period	5 years
Driver included	Yes	Outdoor optic type	Distribution wide 12
Optical cover/lens type	FG [Flat glass]	Remarks	*-Per Lighting Europe guidance paper
Luminaire light beam spread	-		“Evaluating performance of LED based
Control interface	-		luminaires - January 2018”: statistically there is
Connection	SI [Screw connection block]		no relevant difference in lumen maintenance

	between B50 and for example B10. Therefore the median useful life (B50) value also represents the B10 value.
Constant light output	No
Spare parts available	Yes
Number of products on MCB	4
Photobiological risk	Risk group 0
RoHS mark	RoHS mark
WEEE mark	WEEE mark
LED engine type	LED
Product Family Code	BGP763 [DigiStreet Large]

Light Technical

Upward light output ratio	0
Standard tilt angle post-top	0°
Standard tilt angle side entry	0°

Operating and Electrical

Input voltage	220-240 V
Input frequency	50 to 60 Hz
Initial CLO power consumption	- W
Average CLO power consumption	- W
End CLO power consumption	- W
Inrush current	53 A
Inrush time	0.3 ms
Driver current	655 mA
Power factor (max.)	-
Power factor (min.)	0.98
Power factor (nom.)	0.99

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminum
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover/lens material	Glass
Fixation material	Steel
Mounting device	60 [Spigot for diameter 60 mm]
Optical cover/lens shape	Flat
Optical cover/lens finish	Clear
Overall length	1011 mm

Overall width	361 mm
Overall height	121 mm
Effective projected area	0.08 m²

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Surge protection (common/differential)	Surge protection level until 10 kV

Initial Performance (IEC Compliant)

Initial luminous flux	29580 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	144 lm/W
Init. Corr. colour temperature	4000 K
Init. colour rendering index	70
Initial chromaticity	(0.38, 0.38) SDCM <5
Initial input power	205 W
Power consumption tolerance	+/-11%

Over Time Performance (IEC Compliant)

Control gear failure rate at median useful life	10 %
100000 h	
Lumen maintenance at median useful life*	L84
100000 h	

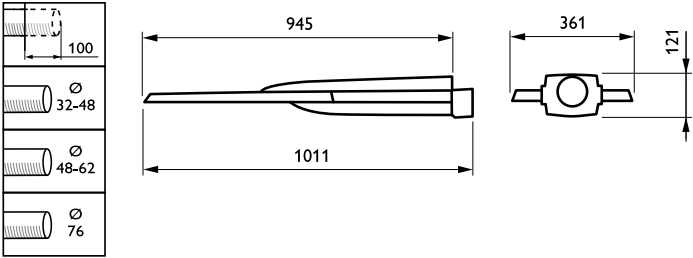
Application Conditions

Ambient temperature range	-40 to +50 °C
Performance ambient temperature Tq	25 °C
Maximum dimming level	Not applicable

Product Data

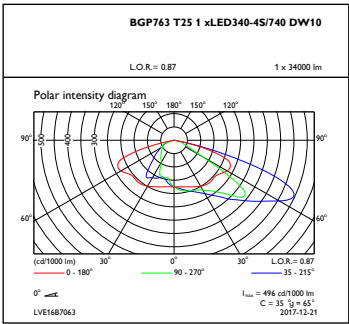
Full product code	871869637844100
Order product name	BGP763 LED340-/740 II DW10 DGR SRG10
	62
EAN/UPC – product	8718696378441
Order code	37844100
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925863721
Net weight (piece)	12.100 kg

Dimensional drawing



DigiStreet BGP760-BTP764

Photometric data



OFPC1_BGP763T251xLED340-4S740DW10

