



# LumiStreet

## BGP214 LED84-4S/740 I DM50 D9 48/60A

LumiStreet Large, LED module 8400 lm, 740 neutral white, Safety class I, Distribution medium, Universal for diameter 48 to 60 mm adjustable

Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available. We have the answer to their needs. With its compact design and modern LED architecture, LumiStreet is a versatile, cost-effective luminaire that fulfils basic functional road lighting requirements. It is made of high-quality components that ensure long lifetime and low maintenance cost. The result? A road lighting luminaire that provides effective illumination while at the same time cutting energy and maintenance bills.

#### **Product data**

General Information		
Lamp family code	LED84 [LED module 8400 lm]	
Light source replaceable	Yes	
Number of gear units	1 unit	
Driver included	Yes	
Photocell	-	
Remarks	*-Per Lighting Europe guidance paper	
	"Evaluating performance of LED based	
	luminaires - January 2018": statistically there	
	is no relevant difference in lumen	
	maintenance between B50 and for example	
	B10. Therefore, the median useful life (B50)	
	value also represents the B10 value.	
Light source engine type	LED	

BGP214 [LumiStreet Large]		
LED		
-		
Yes		
5 years		
-		
ENEC mark		
Temperature 850 °C, duration 5 s		
No		
0		
7,308 lm		
O°		

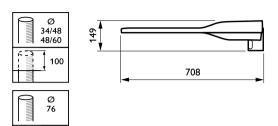
Datasheet, 2023, April 29 data subject to change

## LumiStreet

Standard tilt angle side entry	O°	Optical cover finish	Clear
Correlated Color Temperature (Nom)	4000 K	Overall length	755 mm
Luminous Efficacy (rated) (Nom)	146 lm/W	Overall width	355 mm
Color rendering index (CRI)	70	Overall height	98 mm
Number of light sources	2	Effective projected area	0.04 m²
Light source color	740 neutral white	Dimensions (Height x Width x Depth)	98 x 355 x 755 mm
Optical cover type	Flat glass		
Luminaire light beam spread	154°	Approval and Application	
Optic type outdoor	Distribution medium	Ingress protection code	IP66 [Dust penetration-protected, jet-proof
		Mech. impact protection code	IK08 [5 J vandal-protected]
Operating and Electrical		Surge Protection (Common/Differential)	Philips standard surge protection level
Input Voltage	220-240 V	Protection class IEC	Safety class I
Line Frequency	50 to 60 Hz		
Inrush current	46 A	Initial Performance (IEC Compliant)	
Inrush time	0.25 ms	Luminous flux tolerance	+/-7%
Power Consumption	50 W	Initial chromaticity	(0.381, 0.379) SDCM <5
Power Factor (Fraction)	0.97	Power consumption tolerance	+/-10%
Connection	Screw connection block 3-pole	Init. Color Rendering Index Tolerance	+/-2
Cable	-		
Number of products on MCB of 16 A type	11	Over Time Performance (IEC Compl	iant)
В		Control gear failure rate at median useful	10 %
		life 100000 h	
Temperature		Lumen maintenance at median useful	L93
Ambient temperature range	-40 to +50 °C	life* 100000 h	
Controls and Dimming		Application Conditions	
Dimmable	Yes	Performance ambient temperature Tq	25 °C
Driver/power unit/transformer	Power supply unit with DALI interface	Maximum dim level	10%
Control interface	DALI		
Constant light output	No	Product Data	
		Order product name	BGP214 LED84-4S/740 I DM50 D9 48/60A
Mechanical and Housing		Full product name	BGP214 LED84-4S/740 I DM50 D9 48/60A
Housing Material	Aluminum die cast	Full product code	871869634894900
Reflector material	Polycarbonate	Order code	34894900
Optic material	Polycarbonate	Material Nr. (12NC)	910925863484
Optical cover material	Tempered glass	Numerator - Quantity Per Pack	1
Fixation material	Aluminum	EAN/UPC - Product/Case	8718696348949
Housing Color	Gray	Numerator - Packs per outer box	1
Mounting device	Universal for diameter 48 to 60 mm	EAN/UPC - Case	8718696348949
	adjustable		
Optical cover shape	Flat		

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### Dimensional drawing





355