



LumiStreet

BGP214 LED64-4S/740 I DM50 D9 48/60A

LumiStreet Large, LED module 6400 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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	LED64 [LED module 6400 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	* At extreme ambient temperatures the
	luminaire might automatically dim down to
	protect components
Light source engine type	LED
Product family code	BGP214 [LumiStreet Large]
Lighting Technology	LED
CE mark	
CEIIIark	Yes
Warranty period	Yes 5 years

ENEC mark	ENEC mark
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	5,632 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	O°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	148 lm/W
Color rendering index (CRI)	70
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	154° - 31° x 54°

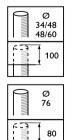
Datasheet, 2023, April 29 data subject to change

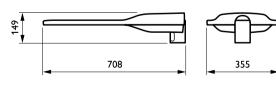
LumiStreet

Operating and Electrical Input Voltage 220-240 V Line Frequency 50 to 60 Hz Initial CLO power consumption 0 W Average CLO power consumption [DELETE] W End CLO power consumption [DELETE] W Inrush current 46 A Inrush time 0.25 ms Power Consumption 38 W Power Factor (Fraction) 0.95 Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type B 11 Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optic material Polycarbonate Optical cover material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear Overall Length 755 mm	Optic type outdoor	Distribution medium
Input Voltage 220-240 V Line Frequency 50 to 60 Hz Initial CLO power consumption 0 W Average CLO power consumption [DELETE] W End CLO power consumption [DELETE] W Inrush current 46 A Inrush time 0.25 ms Power Consumption 38 W Power Factor (Fraction) 0.95 Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type B 11 Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optic material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear	Operating and Electrical	
Line Frequency 50 to 60 Hz Initial CLO power consumption 0 W Average CLO power consumption [DELETE] W End CLO power consumption [DELETE] W Inrush current 46 A Inrush time 0.25 ms Power Consumption 38 W Power Factor (Fraction) 0.95 Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type B 11 Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optic material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear	<u> </u>	220 240 V
Initial CLO power consumption	<u> </u>	
Average CLO power consumption [DELETE] W End CLO power consumption [DELETE] W Inrush current 46 A Inrush time 0.25 ms Power Consumption 38 W Power Factor (Fraction) 0.95 Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type B 11 Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic acover material Polycarbonate Optical cover material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear		
End CLO power consumption [DELETE] W Inrush current 46 A Inrush time 0.25 ms Power Consumption 38 W Power Factor (Fraction) 0.95 Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type B 11 Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear		<u> </u>
Inrush current 46 A Inrush time 0.25 ms Power Consumption 38 W Power Factor (Fraction) 0.95 Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type B 11 Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Tempered glass Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear		
Inrush time 0.25 ms Power Consumption 38 W Power Factor (Fraction) 0.95 Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type B 11 Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optic material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear	<u> </u>	<u> </u>
Power Consumption 38 W Power Factor (Fraction) 0.95 Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type B 11 Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optic material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear	Inrush current	46 A
Power Factor (Fraction) Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type B 11 Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Control interface Control interface Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Optic material Optical cover material Housing Color Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Optical cover finish Clear	Inrush time	0.25 ms
Connection Screw connection block 3-pole Cable - Number of products on MCB of 16 A type B 11 Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Control interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Optical cover finish Clear	Power Consumption	38 W
Cable - Number of products on MCB of 16 A type B 11 Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optic material Tempered glass Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear	Power Factor (Fraction)	0.95
Number of products on MCB of 16 A type B 11 Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear	Connection	Screw connection block 3-pole
Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear	Cable	-
Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Housing Color Mounting device Optical cover shape Optical cover finish Clear	Number of products on MCB of 16 A type B	11
Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Housing Color Mounting device Optical cover shape Optical cover finish Clear	Tomporaturo	
Controls and Dimming Dimmable Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Reflector material Optic material Optical cover material Housing Color Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Optical cover finish Clear	· ·	40 1- 150 %
Dimmable Yes Driver/power unit/transformer Power supply unit with DALI interface Control interface DALI Constant light output No Mechanical and Housing Housing Material Polycarbonate Optic material Polycarbonate Optical cover material Housing Color Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Optical cover finish Clear	Ambient temperature range	-40 to +50 °C
Driver/power unit/transformer Control interface Constant light output No Mechanical and Housing Housing Material Reflector material Optical cover material Polycarbonate Optical cover shape Optical cover finish Power supply unit with DALI interface DALI No No Mechanical and Housing Aluminum die cast Polycarbonate Oplycarbonate Optical cover material Aluminum Aluminum Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear	Controls and Dimming	
Control interface DALI Constant light output No Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Tempered glass Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear	Dimmable	Yes
Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Tempered glass Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear	Driver/power unit/transformer	Power supply unit with DALI interface
Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Tempered glass Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear	Control interface	DALI
Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Tempered glass Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear	Constant light output	No
Housing Material Aluminum die cast Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Tempered glass Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear		
Reflector material Polycarbonate Optic material Polycarbonate Optical cover material Tempered glass Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear		
Optical cover material Optical cover material Fixation material Housing Color Mounting device Optical cover shape Optical cover finish Polycarbonate Aluminum Grey Universal for diameter 48 to 60 mm adjustable Optical cover finish Clear		
Optical cover material Tempered glass Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear		<u> </u>
Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear		
Housing Color Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear		
Mounting device Universal for diameter 48 to 60 mm adjustable Optical cover shape Flat Optical cover finish Clear	Fixation material	Aluminum
adjustable Optical cover shape Flat Optical cover finish Clear	Housing Color	Grey
Optical cover shape Flat Optical cover finish Clear	Mounting device	Universal for diameter 48 to 60 mm
Optical cover finish Clear		adjustable
	Optical cover shape	Flat
Overall length 755 mm	Optical cover finish	Clear
	Overall length	755 mm

Overall width	355 mm
Overall height	98 mm
Overall diameter	0 mm
Effective projected area	0.04 m²
Dimensions (Height x Width x Depth)	98 x 355 x 755 mm
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	Philips standard surge protection level
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Initial chromaticity	(0.381, 0.379) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h	0.5 %
Application Conditions	
Maximum dim level	0% (digital)
Product Data	
Order product name	BGP214 LED64-4S/740 I DM50 D9 48/60A
Full product name	BGP214 LED64-4S/740 I DM50 D9 48/60A
Full product code	871869634892500
Order code	34892500
Material Nr. (12NC)	910925866065
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696348925
Numerator - Packs per outer box	1
	1
EAN/UPC - Case	8718696348925

Dimensional drawing





LumiStreet



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.