



LumiStreet

BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ-

LumiStreet Small, LED EconomyLine 4900 lm, 740 neutral white, Safety class II, Distribution medium, Constant light output and DynaDimmer fixed presets version 1, Cable 10 m without plug, 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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. Core version design for high-volume projects at relatively low initial budget. Offer limited range of optics. Performer version design for customer who are preparing big renovation projects, TCO oriented.

Product data

General Information	
Lamp family code	ECO49 [LED EconomyLine 4900 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. * At extreme ambient	
	temperatures the luminaire might	
	automatically dim down to protect	
	components	
Light source engine type	LED	
Product family code	BGP213 [LumiStreet Small]	
Lighting Technology	LED	
Glow-wire test	Temperature 850 °C, duration 5 s	
Flammability mark	-	
CE mark	Yes	

Datasheet, 2023, September 4 data subject to change

LumiStreet

Series Part				-
Policy	ENEC mark	ENEC mark	Optical cover material	Tempered glass
Consist light output and DynaDrimner fixed persons version 1 Optical cover shape Data				
Defical cover shape				
Cipht Technical Cipht Technical Cipht Control Cipht Co	Embedded control			·
Upward light varionate ratio 0 Overall length 630 rms Upward light varionate ratio 4,080 lm Overall width 270 rmm Standard rist rangle poetrop 0° General length 90 mm Cornelated Color Temparature (Nom) 4000 K Fill Efficitive projected areas 0,028 m² Cornelated Color Temparature (Nom) 4000 K Approval and Applications 98 x 270 x 630 mm Cornelated Color Temparature (Nom) 70 Approval and Applications of light sources 3 Light source color 740 resultably white Project color code IP66 [Dust ponetration-protected], idi-proof] Optical cover type Fill glass Product code IR66 [Dust ponetration-protected], idi-proof] Uminiant light beam spread 154° Intell Professions (IEEC Compliant) Intell Profession (Common/Different) Hyllis standard spot protected (level) United Color power consumption 154° Intell Performance (IEEC Compliant) Intell Performance (IEEC Compliant) No polity type cutoff and a light state in medium 116 W Intell and Conductivity 10 80, 30,300 SDCM +5 Hunty Yorking and Electrical (intell power consumption of power consumption of 316 W		presets version 1	- 	
			_ 	
Numbous Flux 4,080 lm 5 1 1 1 1 1 1 1 1 1				
Standard tilt angle posttop 0" Effective projected area 0.038 m² 5 5 5 5 5 5 5 5 5	Upward light output ratio		Overall width	270 mm
Standard tilt angle side entry			Overall height	98 mm
Correlated Color Temperature (Nom) 4000 K Color rendering lands (CRIR) 32 Im/W Color rendering lands (CRIR) 70 Impress protection code IPS6 [Dust penetration-protected.] [st-pacol] Mech. Impact protection code IPS6 [Dust penetration-protected.] Surge Protection code IPS6 [Dust penetration-protected.] Surge Protection (Comman/Differential) Philips standard surge protection level Protection (Lass IEC Safety dass.] Impact Voltage Surge Protection (Comman/Differential) Philips standard surge protection level Protection (Lass IEC Safety dass.] Impact Voltage Surge Protection (Lass IEC Safety dass.] Impact Voltage Safety dass.] Impact Vo	Standard tilt angle posttop	0°	Effective projected area	0.038 m²
Luminous Efficacy (rated) (Nom)	Standard tilt angle side entry	0°	Dimensions (Height x Width x Depth)	98 x 270 x 630 mm
Color rendering index (CRI) 70 Ingress protection code IP66 [Dust penetration-protected, jet-proof] Number of light sources 3 Mech. Impact protection code IR68 [I Juvandal-protected] Iritial Percetion (Common/pille standal suge protection (Common/pille standal suge protection (Irvandal suge pr	Correlated Color Temperature (Nom)	4000 K		
Number of light sources 3 Light source color 740 neutral white 9 Optical cover type Flat glass 9 Total register to grow the common poliferential philips standard surge protection level 9 Optical cover type	Luminous Efficacy (rated) (Nom)	132 lm/W	Approval and Application	
Light source color 740 neutral white Surge Protection (Common/Differential) Philips standard surge protection level Optical cover type Flot glass 154" Common	Color rendering index (CRI)	70	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Protection class IEC Safety class II	Number of light sources	3	Mech. impact protection code	IK08 [5 J vandal-protected]
Luminaire light beam spread Optic type outdoor Distribution medium Initial Performance (IEC Compliant) Luminous flux tolerance */-7% Initial Chromaticity (0.380, 0.380) SDCM <5 Power consumption tolerance */-10%	Light source color	740 neutral white	Surge Protection (Common/Differential)	Philips standard surge protection level
Initial Performance (IEC Compliant) Luminous Nux tolerance +/-7% Luminous Nux tolerance +/-7% (0.380, 0.380) SDCM < 5 Initial Chromaticity (0.580, 0.380) SDCM < 5 Ini	Optical cover type	Flat glass	Protection class IEC	Safety class II
Luminous flux tolerance	Luminaire light beam spread	154°		
Initial chromaticity (0.380, 0.380) SDCM <5	Optic type outdoor	Distribution medium	Initial Performance (IEC Compliant	t)
Input Voltage 220-240 V Power consumption tolerance #/-10% Line Frequency 50 to 60 Hz Initial CLO power consumption 316 W Average CLO power consumption 39.5 W End CLO power consumption 39.5 W Control gear failure rate at median useful tile 100000 h Inrush current 45 A Inrush time 0,285 ms Lumen maintenance at median useful tile 100000 h Lumen maintenance at median useful tile 100000 h Power Consumption 0,95 Connection Screw connection block 3-pole Cable 0 cable 10 m without plug Performance ambient temperature Tq 25 °C Mumber of products on MCB of 16 A 10 Temperature Ambient temperature range -40 to +50 °C Full product name BGP213 EC049/740 II DM CLO-DDFI D18 PQQ- Full product name BGP213 EC049/740 II DM CLO-DDFI D18 PQQ- Full product code 8718699332013600 Priver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Constant light output Yes Mechanical and Housing Housing Material Aluminum die cast Reflector material Aluminum die cast Polycarbonate Product Data Order product name BGP213 EC049/740 II DM CLO-DDFI D18 PQQ- Full product code 8718699332013600 Priver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Material Nr. (I2NC) 9190325452311 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320136 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320136			Luminous flux tolerance	+/-7%
Init. Color Rendering Index Tolerance	Operating and Electrical		Initial chromaticity	(0.380, 0.380) SDCM <5
Initial CLO power consumption 31.6 W Average CLO power consumption 35.55 W End CLO power consumption 39.5 W Inrush current 45.A Inrush time 0.285 ms Power Consumption 39.5 W Power Factor (Fraction) 0.95 Connection 5.crew connection block 3-pole Cable 10 m without plug 100 Number of products on MCB of 16.A 100 Temperature Ambient temperature range -40 to +50 °C Priver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Control interface Internal (no external connection) Mechanical and Housing Material Aluminum die cast Fereign 1.5 m. s. 1.5 m. s	Input Voltage	220-240 V	Power consumption tolerance	+/-10%
Average CLO power consumption 35.55 W End CLO power consumption 39.5 W Control gear failure rate at median 10 % Unrush time 0.285 ms Lumen maintenance at median useful Lifo Dower Consumption 39.5 W Dower Consumption 39.5 W Power Factor (Fraction) 0.95 Connection Screw connection block 3-pole Cable 10 m without plug Performance ambient temperature Tq 25 °C Maximum dim level Programmable Temperature Ambient temperature range -40 to +50 °C Priver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Constant light output (integrated) Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate Over Time Performance (IEC Compliant) Control gear failure rate at median useful Lifo Use designation (10 % Lumen maintenance at median useful Lifo Useful tife 100000 h Lumen maintenance at median useful Lifo Useful tife 1000000 h Lumen maintenance at median useful Lifo Useful tife 100000 h Lumen maintenance at median useful Lifo Wesful tife 100000 h Lumen maintenance at median useful Lifo Useful tife 100000 h Lumen maintenance at median useful Lifo Useful tife 100000 h Lumen maintenance at median useful Lifo Useful tife 100000 h Lumen maintenance at median useful Lifo Wesful tife 100000 h Lumen maintenance at median useful Lifo Wesful tife 100000 h Lumen maintenance at median useful Lifo Lifo Wesful tife 100000 h Lumen maintenance at median useful Lifo Lifo Maximaton at median useful Lifo Lifo Maximaton at median useful Lifo Lifo Maximaton at median useful Lifo Lumen maintenance at median useful Lifo Lifo Maximaton at median useful Lifo Lumen maintenance at median useful Lifo Lifo Lumen maintenance at median useful Lifo Lifo Lumen maintenance at median useful Lifo Lifo Lifo Lumen maintenance at median useful Lifo Lifo Lifo Lifo Lumen maintenance at median useful Lifo Lifo Lifo Lifo Programmable Lifo Lifo Lifo Lifo Lifo Li	Line Frequency	50 to 60 Hz	Init. Color Rendering Index Tolerance	+/-2
End CLO power consumption 39.5 W Inrush current 45 A Inrush time 0.285 ms Dower Consumption 39.5 W Elife 100000 h Lumen maintenance at median useful life 100000 h Lumen maintenance at median useful life 100000 h Lumen maintenance at median useful life 100000 h Elife 10000 h Elife 100000 h Elife 100000 h Elife 100000 h Elife 10000 h Elife	Initial CLO power consumption	31.6 W		
Inrush current 45 A Inrush time 0.285 ms Lumen maintenance at median useful life 100000 h Lumen maintenance at median useful life* 100000 h Lumen maintenance at median useful life* 100000 h Lumen maintenance at median useful life* 100000 h Application Conditions Cable 0.55 C Connection Screw connection block 3-pole Application Conditions Cable 0.6 Cable 10 m without plug Performance ambient temperature Tq 25 °C Maximum dim level Programmable Product Data Order product name BGP213 EC049/740 II DM CLO-DDF1 D18 FQQ- Full product name BGP213 EC049/740 II DM CLO-DDF1 D18 FQQ- Full product name BGP213 EC049/740 II DM CLO-DDF1 D18 FQQ- Full product name BGP213 EC049/740 II DM CLO-DDF1 D18 FQQ- Full product name BGP213 EC049/740 II DM CLO-DDF1 D18 FQQ- Full product code 871869632013600 Order code 910925452311 Mumerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696320136 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320136 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320136	Average CLO power consumption	35.55 W	Over Time Performance (IEC Comp	oliant)
Lumen maintenance at median useful Li100	End CLO power consumption	39.5 W	Control gear failure rate at median	10 %
Power Consumption 39.5 W Itie* 100000 h	Inrush current	45 A	useful life 100000 h	
Power Factor (Fraction) Connection Screw connection block 3-pole Cable Cable Cable 10 m without plug Performance ambient temperature Tq 25 °C Maximum dim level Programmable Product Data Product Data Order product name BGP213 ECO49/740 DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 DM CLO-DDF1 D18 FQQ- Full product code B7869632013600 Order code B7869632013600 Driver/power unit/transformer B6P213 ECO49/740 DM CLO-DDF1 D18 FQQ- Full product code B7869632013600 Order code B7869632013600 Order code B78696320136 Material Nr. (12NC) B10925452311 BAN/UPC - Product/Case B78696320136 Numerator - Packs per outer box BAN/UPC - Case B78696320136 Numerator - Packs per outer box BAN/UPC - Case B78696320136	Inrush time	0.285 ms	Lumen maintenance at median useful	L100
Connection Screw connection block 3-pole Cable Cable 10 m without plug Performance ambient temperature Tq 25 °C Number of products on MCB of 16 A 10 Maximum dim level Programmable Product Data Order product Data Order product name BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ- Full product code 871869632013600 Order code 910925452311 Control interface Internal (no external connection) Numerator - Quantity Per Pack 1 Constant light output Yes EAN/UPC - Product/Case 8718696320136 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320136	Power Consumption	39.5 W	life* 100000 h	
Cable 10 m without plug Number of products on MCB of 16 A 10 Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Dimmable Yes Product Data Order product name BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ- Full product code 871869632013600 Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Control interface Internal (no external connection) Constant light output Yes Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate	Power Factor (Fraction)	0.95		
Number of products on MCB of 16 A type B Product Data Product Data Order product name BGP213 ECO49/740 DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 DM CLO-DDF1 D18 FQQ- Full product code B71869632013600 Order code 910925452311 Control interface Internal (no external connection) Numerator - Quantity Per Pack Constant light output Yes EAN/UPC - Product/Case 8718696320136 Numerator - Packs per outer box 1 Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate	Connection	Screw connection block 3-pole	Application Conditions	
Temperature Ambient temperature range -40 to +50 °C Full product name BGP213 ECO49/740 DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 DM CLO-DDF1 D18 FQQ- Full product code B71869632013600 Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Material Nr. (12NC) 910925452311 Control interface Internal (no external connection) Numerator - Quantity Per Pack 1 Constant light output Yes EAN/UPC - Product/Case 8718696320136 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320136 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320136	Cable	Cable 10 m without plug	Performance ambient temperature Tq	25 °C
Product Data Temperature Ambient temperature range -40 to +50 °C Full product name BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ- Full product code 871869632013600 Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Material Nr. (12NC) 910925452311 Control interface Internal (no external connection) Numerator - Quantity Per Pack 1 Constant light output Yes EAN/UPC - Product/Case 8718696320136 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320136 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320136	Number of products on MCB of 16 A	10	Maximum dim level	Programmable
Temperature Ambient temperature range -40 to +50 °C Full product name BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ- Full product name BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ- Full product code B71869632013600 FQQ- Full product code B71869632013600 Order code 910925452311 Control interface Internal (no external connection) Constant light output Yes EAN/UPC - Product/Case B718696320136 Numerator - Quantity Per Pack EAN/UPC - Product/Case B718696320136 Numerator - Packs per outer box 1 EAN/UPC - Case B718696320136	type B			
Ambient temperature range -40 to +50 °C FQQ- Full product name BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ- Full product code B71869632013600 Full product code B71869632013600 Full product code B71869632013600 Order code B71869632013600 Order code B71869632013600 Order code B71869632013600 Material Nr. (12NC) B718696320136 Material Nr. (12NC) B718696320136 Mumerator - Quantity Per Pack EAN/UPC - Product/Case B718696320136 Numerator - Packs per outer box B718696320136 Numerator - Packs per outer box EAN/UPC - Case B718696320136 Numerator - Packs per outer box B718696320136 Polycarbonate			Product Data	
Ambient temperature range -40 to +50 °C FQQ- Full product name BGP213 ECO49/740 II DM CLO-DDF1 D18 FQQ- Full product code B71869632013600 Full product code B71869632013600 Full product code B71869632013600 Order code B71869632013600 Order code B71869632013600 Order code B71869632013600 Material Nr. (12NC) B718696320136 Material Nr. (12NC) B718696320136 Mumerator - Quantity Per Pack EAN/UPC - Product/Case B718696320136 Numerator - Packs per outer box B718696320136 Numerator - Packs per outer box EAN/UPC - Case B718696320136 Numerator - Packs per outer box B718696320136 Polycarbonate	Temperature		Order product name	BGP213 ECO49/740 II DM CLO-DDF1 D18
Full product name BGP213 ECO49/740 DM CLO-DDF1 D18 FQQ- Dimmable Yes Full product code 871869632013600 Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Constant light output (integrated) Control interface Internal (no external connection) Constant light output Yes EAN/UPC - Product/Case Numerator - Packs per outer box Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate		-40 to +50 °C		
Controls and Dimming Dimmable Yes Full product code 871869632013600 Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Material Nr. (12NC) 910925452311 Control interface Internal (no external connection) Numerator - Quantity Per Pack EAN/UPC - Product/Case 8718696320136 Numerator - Packs per outer box 1 Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate			Full product name	
Dimmable Yes Full product code 871869632013600 Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Material Nr. (12NC) 910925452311 Control interface Internal (no external connection) Numerator - Quantity Per Pack 1 Constant light output Yes EAN/UPC - Product/Case 8718696320136 Numerator - Packs per outer box 1 Mechanical and Housing EAN/UPC - Case 8718696320136 Housing Material Aluminum die cast Reflector material Polycarbonate	Controls and Dimming			
Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Order code 910925452311 Control interface Internal (no external connection) Numerator - Quantity Per Pack 1 Constant light output Yes EAN/UPC - Product/Case 8718696320136 Mumerator - Packs per outer box 1 Mechanical and Housing EAN/UPC - Case 8718696320136 Housing Material Aluminum die cast Reflector material Polycarbonate		Ves	Full product code	
constant light output (integrated) Control interface Internal (no external connection) Constant light output Yes EAN/UPC - Product/Case Numerator - Packs per outer box Mechanical and Housing Housing Material Aluminum die cast Reflector material Aluminum die cast Reflector material Aluminum die cast Material Nr. (12NC) 910925452311 1 Aumerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696320136 BAN/UPC - Case 8718696320136				
Control interface Internal (no external connection) Constant light output Yes EAN/UPC - Product/Case 8718696320136 Numerator - Packs per outer box 1 Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate	Diver/power unity transformer			
Constant light output Yes EAN/UPC - Product/Case 8718696320136 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320136 Polycarbonate EAN/UPC - Case 8718696320136 Polycarbonate	Control interface			
Numerator - Packs per outer box 1 Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate				
Mechanical and Housing EAN/UPC - Case 8718696320136 Housing Material Aluminum die cast Reflector material Polycarbonate	Constant light output	163	<u> </u>	
Housing Material Aluminum die cast Reflector material Polycarbonate	Mochanical and Housing		<u> </u>	
Reflector material Polycarbonate		Aluminum dia cast	LAIV OFC - Case	0710030320130
Optic material Polycarbonate		<u> </u>		
	Optic material	Polycarbonate		

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Dimensional drawing









