



# LumiStreet

## BGP213 ECO39/740 II DM CLO-DDF1 D18 FQQ-

LumiStreet Small, LED EconomyLine 3900 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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	ECO39 [LED EconomyLine 3900 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

Select clank				-
Booling Code   Embedded control   Constant light outset and DynaDimen free professive sension   Constant light outset and DynaDimen free professive sension   Constant light outset and DynaDimen free professive sension   Code	ENEC mark	ENEC mark	Optical cover material	Tempered glass
Constant light output and DynaDmmor find present viewan 1   Optical cover shape   Data   Donate of the present viewan 1   Optical cover shape   Data   Donate of the present viewan 1   Optical cover shape   Data   Optical cover shape		<del></del>		
Diplical cover shape				
Clight Technical	Embedded control		<del></del>	·
Upward light reduct ratio		presets version 1	- <del></del>	
			_ <del></del>	
Control Flux   Sundard tit angle posttop   O'   Effective projected area   0.038 m²				
Effective projected area	Upward light output ratio	0	Overall width	270 mm
Dimensions (Height x Width x Depth)   98 x 270 x 630 mm		<u> </u>	Overall height	98 mm
Correlated Color Temperature (Nom)   4000 K	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
Cotor rendering index (CRI)   70   Ingress protection code   IP66 [Dust penetration-protected, jet-proof]   Number of light sources   3   Mech. Impact protection code   IR68 [I Just and all-protected]   Victor   Victo	Correlated Color Temperature (Nom)	4000 K		
Number of light sources 3 Light source color 740 neutral white 5 Optical cover type Fiat glass Protection (Common/Differential) Philips standard surge protection level Protection class IEC Safety class II  Luminate light beam spread 15-4* Optic type outdoor Distribution medium Initial Performance (IEC Compilant) Luminous flux tolerance 1/-7% Initial Performance (IEC Compilant) Luminous flux tolerance 1/-7% Initial Chromaticity (0.380, 0.380) SDCM -5 Power consumption 24-8 W  Average CLO power consumption 24-8 W  Average CLO power consumption 27.9 W  Over Time Performance (IEC Compilant) Luminous flux Tolerance 1/-2 Initial CLO power consumption 27.9 W  Over Time Performance (IEC Compilant) Control gear failure rate at median useful Li100 Life Technology of the standard surge protection level Programmate 1/-7% Initial CLO power consumption 2/-7% Initial CLO power consumption 2/-7% Initial CLO power consumption 2/-7%  Initial CLO power consumption 2/-9 W  Over Time Performance (IEC Compilant) Control gear failure rate at median useful Li100 Life 100000 h  Lumen maintenance at median useful Li100 Life 100000 h  Lumen maintenance at median useful Li100 Maximum din level Programmable Performance ambient temperature Tq 25 °C Maximum din level Programmable  Performance ambient temperature Tq 25 °C Maximum din level Programmable Product Data Order product name BGP213 EC039/740 II DM CLO-DDF1 DIB Product name BGP213 EC039/740 II DM CLO-DDF1 DI	Luminous Efficacy (rated) (Nom)	129 lm/W	Approval and Application	
Light source color 740 neutral white Surge Protection (Common/Differential) Philips standard surge protection level Optical cover type Flat glass 154*  Unminaire light beam spread 154*  Operating and Electrical Initial Performance (IEC Compliant)  Lime Products on MCB of 16 A 10	Color rendering index (CRI)	70	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Optical cover type   Flat glass   Protection class IEC   Safety class II   Luminare light beam spread   154"   Initial Performance (IEC Compliant) Luminous flux tolerance   4/-7%   Initial CLO power consumption   220-240 V   Power consumption tolerance   4/-10%   Initial CLO power consumption   24.8 W   Initial CLO power consumption   24.8 W   Average CLO power consumption   24.8 W   Alverage CLO power consumption   31 W   Control gear failure rate at median   10 %   Inrush current   45.A   Initial CHO power consumption   31 W   Control gear failure rate at median   10 %   Inrush current   45.A   Initial CHO power consumption   31 W   Inference   4/-10%   Inrush current   45.A   Initial CHO power consumption   31 W   Inference   4/-10%   Inrush current   45.A   Initial CHO power consumption   31 W   Inference   4/-10%   Inrush current   45.A   Initial CHO power consumption   31 W   Initial CHO power consumption   31 W   Inference   4/-10%   Inrush current   45.A   Initial CHO power consumption   31 W   Inference   4/-10%   Intrush current   45.A   Initial CHO power consumption   25 ms   Insured CHO power consumption   31 W   Inference   Initial CHO Rendering Index 1 median   10 %   Intrush current   45.A   Initial CHO power consumption   10 %   Intrush current   45.A   Initial CHO power consumption   10 %   Intrush current   45.A   Initial CHO power consumption   10 %   Intrush current   45.A   Initial CHO power consumption   10 %   Intrush current   45.A   Initial CHO power consumption   10 %   Intrush current   45.A   Initial CHO power consumption   10 %   Intrush current   45.A   Initial CHO power consumption   10 %   Intrush current   45.A   Initial CHO power consumption   10 %   Intrush current   10 %   Initial CHO power consumption   10 %   Intrush current   10 %   Initial CHO power consumption   10 %   Intrush current   10 %   Initial CHO power consumption   10 %   Intrush current   10 %   Initial CHO power consumption   10 %   Intrush current   10 %   Initial CHO power consumption   10 %   Intrush curre	Number of light sources	3	Mech. impact protection code	IK08 [5 J vandal-protected]
Luminaire light beam spread   154"	Light source color	740 neutral white	Surge Protection (Common/Differential)	Philips standard surge protection level
Initial Performance (IEC Compliant)   Luminous Rux tolerance   +/-7%   Luminous Rux tolerance   +/-7%   Initial Arromaticity   (0.880, 0.880) SDCM < 5   Power consumption   24.8 W   Average CLO power consumption   31 W   Control gear failure rate at median   10 %   Lincol life (1.00 consumption   1.00	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 27.9 W End CLO power consumption 31 W Control gear failure rate at median useful life 100000 h Inrush current 45 A Inrush time 0,285 ms Inrush time 0,285 ms Connection 31 W Power Factor (Fraction) 0,88 Connection Screw connection block 3-pole Cable Cable 10 m without plug Mumber of products on MCB of 16 A 10 Temperature Ambient temperature range -40 to +50 °C  Temperature Ambient temperature range -40 to +50 °C  Controls and Dimming Power supply unit with DynaDimmer and constant light output (integrated) constant light output Yes  Mechanical and Housing Helector material  Mechanical and Housing Housing Material Aluminum die cast  Initial CLO power consumption 12.8 W Initial CLO power consumption 4.5 No 10  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful life* 100000 h  Lumen maintenance at median useful life* 100000 h  Porformance ambient temperature Tq  25 °C  Full product Data  Order product name BGP213 EC039/74			Luminous flux tolerance	+/-7%
Line Frequency 50 to 60 Hz Initial CLO power consumption 24.8 W  Average CLO power consumption 27.9 W  Control gear failure rate at median 10 %  Inrush current 45 A useful life 100000 h  Inrush time 0 285 ms Lumen maintenance at median useful life* 100000 h  Power Factor (Fraction) 0.88  Connection Screw connection block 3-pole (Connection) Cable (Conne	Operating and Electrical		Initial chromaticity	(0.380, 0.380) SDCM <5
Initial CLO power consumption 24.8 W  Average CLO power consumption 27.9 W  End CLO power consumption 31 W  Inrush current 45 A  Frower Consumption 31 W  Power Factor (Fraction) 0.88  Connection 5.crew connection block 3-pole Cable 10 m without plug 10 Performance ambient temperature Tq 25.°C  Mumber of products on MCB of 16 A 10 Temperature 10 Temp	Input Voltage	220-240 V	Power consumption tolerance	+/-10%
Average CLO power consumption 27.9 W  End CLO power consumption 31 W  Inrush current 45 A  Inrush time 0.285 ms  Lumen maintenance at median useful life 100000 h  Lumen at median useful life 100	Line Frequency	50 to 60 Hz	Init. Color Rendering Index Tolerance	+/-2
End CLO power consumption 31 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  Europe Power Consumption 31 W  Lumen maintenance at median useful life 100000 h  Europe Power Factor (Fraction) 0.88  Connection Screw connection block 3-pole Cable 10 m without plug Performance ambient temperature Tq 25 °C  Maximum dim level Programmable  Product Data  Order product name BGP213 EC039/740 II DM CLO-DDF1 D18 FQQ-  Full product name BGP213 EC039/740 II DM CLO-DDF1 D18 FQQ-  Full product name BGP213 EC039/740 II DM CLO-DDF1 D18 FQQ-  Full product name BGP213 EC039/740 II DM CLO-DDF1 D18 FQQ-  Full product code 871869632012900  Order code 910925452482  Material Nr. (12NC) 910925452482  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696320129  Numerator - Packs per outer box 1  EAN/UPC - Case 8718696320129	Initial CLO power consumption	24.8 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 0.88  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 EC039/740 II DM CLO-DDF1 D18 FQQ-  Full product name BGP213 EC039/740 II DM CLO-DDF1 D18 FQQ-  Full product name BGP213 EC039/740 II DM CLO-DDF1 D18 FQQ-  Full product name BGP213 EC039/740 II DM CLO-DDF1 D18 FQQ-  Full product name BGP213 EC039/740 II DM CLO-DDF1 D18 FQQ-  Full product code 871869632012900  Order code 910925452482  Material Nr. (12NC) 910925452482  Material Nr. (12NC) 910925452482  Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696320129  Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320129  Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320129	Average CLO power consumption	27.9 W	Over Time Performance (IEC Comp	oliant)
Lumen maintenance at median useful   Li100	End CLO power consumption	31 W	Control gear failure rate at median	10 %
Power Consumption   31 W   Itie* 100000 h	Inrush current	45 A	useful life 100000 h	
Power Factor (Fraction)  Cable Connection Screw connection block 3-pole Cable Cable 10 m without plug Performance ambient temperature Tq 25 °C Maximum dim level Programmable Product Data  Product Data Order product name BGP213 EC039/740    DM CLO-DDF1 D18 FQQ- Full product name BGP213 EC039/740    DM CLO-DDF1 D18 FQQ- Full product name BGP213 EC039/740    DM CLO-DDF1 D18 FQQ- Full product name BGP213 EC039/740    DM CLO-DDF1 D18 FQQ- Full product name BGP213 EC039/740    DM CLO-DDF1 D18 FQQ- Full product code B7869632012900 Order code B7869632012900 Dimmable FQQ- Full product code B78696320129 Material Nr. (12NC) B78696320129 Numerator - Quantity Per Pack EAN/UPC - Product/Case B78696320129 Numerator - Packs per outer box  EAN/UPC - Case B78696320129	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 name BGP213 EC039/740 II DM CLO-DDF1 D18 FQQ-  Full product name BGP213 EC039/740 II DM CLO-DDF1 D18 FQQ-  Full product name BGP213 EC039/740 II DM CLO-DDF1 D18 FQQ-  Full product name BGP213 EC039/740 II DM CLO-DDF1 D18 FQQ-  Full product name BGP213 EC039/740 II DM CLO-DDF1 D18 FQQ-  Full product code 871869632012900  Order code 910925452482  Control interface Internal (no external connection) Numerator - Quantity Per Pack 1  Constant light output Yes EAN/UPC - Product/Case 8718696320129  Numerator - Packs per outer box 1  EAN/UPC - Case 8718696320129	Power Consumption	31 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  Driver/power unit/transformer  Power supply unit with DynaDimmer and constant light output (integrated)  Control interface  Internal (no external connection)  Mechanical and Housing  Housing Material  Reflector material  Performance ambient temperature Tq 25 °C  Maximum dim level Programmable  Product Data  Order product name  BGP213 EC039/740    DM CLO-DDF1 D18 FQQ-  Full product name  BGP213 EC039/740    DM CLO-DDF1 D18 FQQ-  Full product code 871869632012900  Order code 910925452482  Material Nr. (12NC) 910925452482  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696320129  Numerator - Packs per outer box 1  EAN/UPC - Case 8718696320129	Power Factor (Fraction)	0.88		
Number of products on MCB of 16 A type B  Product Data  Product Data  Order product name  BGP213 EC039/740    DM CLO-DDF1 D18 FQQ-  Full product name  BGP213 EC039/740    DM CLO-DDF1 D18 FQQ-  Full product name  BGP213 EC039/740    DM CLO-DDF1 D18 FQQ-  Full product name  BGP213 EC039/740    DM CLO-DDF1 D18 FQQ-  Full product code  B7869632012900  Order code  910925452482  Control interface  Internal (no external connection)  Constant light output  Yes  EAN/UPC - Product/Case  Numerator - Packs per outer box  Image: Pack per outer box  B718696320129  Numerator - Packs per outer box  EAN/UPC - Case  B718696320129  Numerator - Packs per outer box  EAN/UPC - Case  B718696320129	Connection	Screw connection block 3-pole	Application Conditions	
Product Data  Temperature  Ambient temperature range -40 to +50 °C  FQQ-  Full product name BGP213 ECO39/740 II DM CLO-DDF1 D18  FQQ-  Full product name BGP213 ECO39/740 II DM CLO-DDF1 D18  FQQ-  Full product name BGP213 ECO39/740 II DM CLO-DDF1 D18  FQQ-  Full product code 871869632012900  Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Material Nr. (12NC) 910925452482  Control interface Internal (no external connection) Numerator - Quantity Per Pack 1  Constant light output Yes EAN/UPC - Product/Case 8718696320129  Numerator - Packs per outer box 1  Mechanical and Housing Housing Material Aluminum die cast  Reflector material Polycarbonate	Cable	Cable 10 m without plug	Performance ambient temperature Tq	25 °C
Product Data  Temperature  Ambient temperature range -40 to +50 °C  FQQ-  Full product name BGP213 ECO39/740 II DM CLO-DDF1 D18  FQQ-  Full product name BGP213 ECO39/740 II DM CLO-DDF1 D18  FQQ-  Full product name BGP213 ECO39/740 II DM CLO-DDF1 D18  FQQ-  Full product code 871869632012900  Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Material Nr. (12NC) 910925452482  Control interface Internal (no external connection) Numerator - Quantity Per Pack 1  Constant light output Yes EAN/UPC - Product/Case 8718696320129  Numerator - Packs per outer box 1  Mechanical and Housing Housing Aluminum die cast  Reflector material Polycarbonate	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 ECO39/740 II DM CLO-DDF1 D18 FQQ-  Full product name  BGP213 ECO39/740 II DM CLO-DDF1 D18 FQQ-  Full product code  B7869632012900  Full product code  B71869632012900  Order code  910925452482  Control interface  Internal (no external connection)  Constant light output  Yes  EAN/UPC - Product/Case  Numerator - Packs per outer box  1  EAN/UPC - Case  B718696320129  Numerator - Packs per outer box  1  EAN/UPC - Case  B718696320129	type B			
Ambient temperature range -40 to +50 °C FQQ-  Controls and Dimming FQQ-  Dimmable Yes Full product code 871869632012900  Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Material Nr. (12NC) 910925452482  Control interface Internal (no external connection) Numerator - Quantity Per Pack 1  Constant light output Yes EAN/UPC - Product/Case 8718696320129  Numerator - Packs per outer box 1  Mechanical and Housing EAN/UPC - Case 8718696320129  Method in the face 8718696320129  Numerator - Packs per outer box 1  EAN/UPC - Case 8718696320129			Product Data	
Ambient temperature range -40 to +50 °C FQQ-  Controls and Dimming FQQ-  Dimmable Yes Full product code 871869632012900  Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Material Nr. (12NC) 910925452482  Control interface Internal (no external connection) Numerator - Quantity Per Pack 1  Constant light output Yes EAN/UPC - Product/Case 8718696320129  Numerator - Packs per outer box 1  Mechanical and Housing EAN/UPC - Case 8718696320129  Method in the face 8718696320129  Numerator - Packs per outer box 1  EAN/UPC - Case 8718696320129	Temperature		Order product name	BGP213 ECO39/740 II DM CLO-DDF1 D18
Full product name  BGP213 ECO39/740    DM CLO-DDF1 D18 FQQ-  Dimmable  Yes  Full product code  871869632012900  Power supply unit with DynaDimmer and constant light output (integrated)  Constant light output (integrated)  Constant light output  Yes  EAN/UPC - Product/Case Numerator - Packs per outer box  Mechanical and Housing  Housing Material  Aluminum die cast  Reflector material  Polycarbonate	<del>`</del>	-40 to +50 °C		,
Controls and Dimming  Power supply unit with DynaDimmer and constant light output (integrated)  Control interface  Internal (no external connection)  Constant light output  Yes  EAN/UPC - Product/Case  Mechanical and Housing  Housing Material  Aluminum die cast  Reflector material  Polycarbonate  FQQ-  Full product code  871869632012900  Order code  910925452482  Material Nr. (12NC)  910925452482  Numerator - Quantity Per Pack  1  EAN/UPC - Product/Case  8718696320129  Numerator - Packs per outer box  1  EAN/UPC - Case  8718696320129			Full product name	
Dimmable Yes Full product code 871869632012900  Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated)  Control interface Internal (no external connection)  Constant light output Yes EAN/UPC - Product/Case 8718696320129  Numerator - Packs per outer box 1  Mechanical and Housing 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     910925452482       Control interface     Internal (no external connection)     Numerator - Quantity Per Pack     1       Constant light output     Yes     EAN/UPC - Product/Case     8718696320129       Mechanical and Housing     Numerator - Packs per outer box     1       Housing Material     Aluminum die cast       Reflector material     Polycarbonate		Vas	Full product code	
constant light output (integrated)  Control interface  Internal (no external connection)  Numerator - Quantity Per Pack  EAN/UPC - Product/Case 8718696320129  Numerator - Packs per outer box  Mechanical and Housing  Housing Material Aluminum die cast  Reflector material Polycarbonate				
Control interface Internal (no external connection)  Constant light output  Yes  EAN/UPC - Product/Case 8718696320129  Numerator - Packs per outer box 1  EAN/UPC - Case 8718696320129  Housing Material Aluminum die cast  Reflector material Polycarbonate	Diverypower unity transformer			
Constant light output Yes  EAN/UPC - Product/Case 8718696320129  Numerator - Packs per outer box 1  EAN/UPC - Case 8718696320129  Mechanical and Housing Housing Material Aluminum die cast Reflector material 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     8718696320129       Housing Material     Aluminum die cast       Reflector material     Polycarbonate	Constant light output	165	<u> </u>	
Housing Material Aluminum die cast  Reflector material Polycarbonate	Mochanical and Ususins		<u> </u>	
Reflector material Polycarbonate		Aluminum die eest	EAN/OPC - Case	01 100303201Z3
Optic material Polycarbonate		<del></del> -		
	Optic material	Polycarbonate		

### LumiStreet

#### Dimensional drawing









