



LumiStreet

BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ-

LumiStreet Small, LED EconomyLine 2400 lm, 740 neutral white, Safety class II, Distribution wide, 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Many local authorities today have an outdated public lighting installation that urgently needs to be replaced, yet have only a limited budget available.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	ECO24 [LED EconomyLine 2400 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

Part		ENEC 1		~
Potential control Potential control Potential control Potential control Potential control Potential control Potential Pot	ENEC mark	ENEC mark	Optical cover material	Tempered glass
Constant light output and DynaDromon finds Patt DynaDromon finds				
Defical cover shape				
Cipht Technical Cipht Technical Cipht Control Cipht Co	Embedded control			· · · · · · · · · · · · · · · · · · ·
Upward light variont 100 miles from the first 100 miles from 110 miles 1		presets version 1	- - 	
			Overall width	270 mm
Standard tilt angle side entry	Luminous Flux		Overall height	98 mm
Correlated Color Temperature (Nom) 4000 K 129 Im/W 129 Im/	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 2 Mech. Impact protection code IR68 [S Livandal-protected] Valuable	Correlated Color Temperature (Nom)	4000 K		
Number of light sources 2	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 Flot glass Protection class IEC Safety class II 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	2	Mech. impact protection code	IK08 [5 J vandal-protected]
Luminaire light beam spread 154" Optic type outdoor Distribution wide Initial Performance (IEC Compliant) Luminous flux tolerance	Light source color	740 neutral white	Surge Protection (Common/Differential)	Philips standard surge protection level
Delic type outdoor Distribution wide Initial Performance (IEC Compliant) Luminous flux tolerance -7-7% Luminous flux tolerance -7-7% Initial Chromaticity (0.380, 0.380) SDCM < 5 Initial Chromaticity (0.380, 0.38	Optical cover type	Flat glass	Protection class IEC	Safety class II
Luminous flux tolerance	Luminaire light beam spread	154°		
Initial chromaticity	Optic type outdoor	Distribution wide	Initial Performance (IEC Compliant	t)
Input Voltage 220-240 V Power consumption tolerance #/-10% Line Frequency 50 to 60 Hz Initial CLO power consumption 16 W Average CLO power consumption 20 W End CLO power consumption 20 W Inrush current 22 A Inrush time 0.29 ms Inrush time 0.29 ms Inrush time 0.29 w Power Factor (Fraction) 0.95 Connection Screw connection block 3-pole Cable Cable 10 m without plug Performance ambient temperature Tq 25 °C Maximum dine level Programmable Temperature Ambient temperature range -40 to +50 °C Full product name BGP213 EC024/740 II DW CLO-DDF1 D18 FQQ- Full product name BGP213 EC024/740 II DW CLO-DDF1 D18 FQQ- Full product code 87186993201670 Driver/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 Power Cansumption tolerance #/-2 Init. Color Rendering Index Tolerance #/-2 Init. Color Rendering Index Tolerance #/-2 Init. Color Rendering Index Tolerance #/-2 Init. Color Rendering Index Tolerance #/-2 Init. Color Rendering Index Tolerance #/-2 Init. Color Rendering Index Tolerance #/-2 Control gear failure rate at median useful Li100 Lumen maintenance at median useful Li100 Lumen maintenance at median useful Li100 Wasserd Init. (100000 h Wasserd Init. Color Rendering Index Tolerance Index In			Luminous flux tolerance	+/-7%
Line Frequency 50 to 60 Hz initial CLO power consumption 16 W Average CLO power consumption 18 W Control gear failure rate at median useful 10 % Inrush current 22 A useful tife 100000 h Inrush time 0.29 ms Lumen maintenance at median useful 16 U100 Power Consumption 2.0 W 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 Controls and Dimming Power supply unit with Dynaplimmer and constant light output (integrated) Constant light output Yes Mechanical and Housing Material Aluminum die cast Reflector material Polycarbonate Insurance CLO power consumption 18 W Over Time Performance (IEC Compliant) Control gear failure rate at median useful 10 % Control gear failure rate at median useful 10 % Ling 100000 h Lumen maintenance at median useful 10 U100 Ling 100000 h Lumen maintenance at median useful 10 U100 Ling 100000 h Lumen maintenance at median useful 10 U100 Ling 100000 h Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Programmable Product Data Order product name BGP213 EC024/740 II DW CLO-DDFI DI8 FQQ- Full product came BGP213 EC024/740 II DW CLO-DDFI DI8 FQQ- Full product came 86P213 EC024/740 II DW CLO-DDFI DI8 FQQ- Full product code 970925452286 Material Nr. (12NC) 910925452286 Material Nr. (12NC) 910925452286 Material Nr. (12NC) 910925452286 Material Nr. (12NC) 910925452286 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320167	Operating and Electrical		Initial chromaticity	(0.380, 0.380) SDCM <5
Initial CLO power consumption 16 W Average CLO power consumption 18 W End CLO power consumption 20 W Inrush current 22 A Inrush time 0.29 ms Power Consumption 20 W Power Factor (Fraction) 0.95 Connection 5crew connection block 3-pole Cable 10 m without plug Performance ambient temperature Tq 25 °C Mumber of products on MCB of 16 A 20 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 Find Cable Control interface Polycarbonate Over Time Performance (IEC Compliant) Control gear failure rate at median useful L100 Lumen maintenance at median useful L100 Lumen attenance at median useful L100 Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Programmable Product Data Product Data Product Data Product Data Product Data Product name BGP213 ECO24/740 II DW CLO-DDFI D18 FQQ- Full product name BGP213 ECO24/740 II DW CLO-DDFI D18 FQQ- Full product code 871869632016700 Order code 910925452286 Material Nr. (12NC) 910925452286 Material Nr. (12NC) 910925452286 Material Nr. (12NC) 910925452286 Material Nr. (12NC) 910925452286 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696320167 Numerator - Packs per outer box 1 EAN/UPC - Product/Case 8718696320167	Input Voltage	220-240 V	Power consumption tolerance	+/-10%
Average CLO power consumption 18 W End CLO power consumption 20 W Inrush current 22 A Inrush time 0 29 ms Limen maintenance at median useful life 100000 h Lumen maintenance at median useful life 100000 h Connection 0 0.95 Connection Screw connection block 3-pole Cable 0 m without plug Performance ambient temperature Tq 25 °C Maximum dim level Programmable Temperature Ambient temperature range -40 to +50 °C Product Data Controls and Dimming FQQ- Driwer/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) 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 Life 00000 h Lumen maintenance at median useful Life 000000 h Lumen maintenance at median useful Life 00000 h Lumen attenat at median useful Life 00000 h Lumen attenates at median useful Life 00000 h Lumen attenates at median useful Life 00000 h Lumen maintenance at median useful Life 00000 h Lumen dimension at median useful Life 00000 h Lumen attenates at median useful Life 00000 h Lumen dimension at median useful Life 00000 h Lumen dimension at median useful Life 10000 h	Line Frequency	50 to 60 Hz	Init. Color Rendering Index Tolerance	+/-2
End CLO power consumption 20 W Inrush current 22 A Inrush time 0.29 ms Dower Consumption 20 W Lumen maintenance at median useful life 100000 h Dower Factor (Fraction) 0.95 Connection Screw connection block 3-pole Application Conditions Cable 10 m without plug Performance ambient temperature Tq 25 °C Maximum dlin level Programmable Product Data Order product name BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ- Full product code 871869632016700 Order code 910925452286 Material Nr. (12NC) 910925452286 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696320167 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320167 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320167	Initial CLO power consumption	16 W		
Inrush current 22 A Inrush time 0.29 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 Dever Factor (Fraction) 0.95 Connection Screw connection block 3-pole Application Conditions Cable Cable 10 m without plug Performance ambient temperature Tq 25 °C Maximum dim level Programmable Performance ambient temperature Tq 25 °C Maximum dim level Programmable Product Data Order product name BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ- Full product code 871869632016700 Order code 910925452286 Material Nr. (12NC) 910925452286 Material Nr. (12NC) 910925452286 Material Nr. (12NC) 910925452286 Material Nr. (12NC) 910925452286 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696320167 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320167 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320167	Average CLO power consumption	18 W	Over Time Performance (IEC Comp	pliant)
Lumen maintenance at median useful Li00	End CLO power consumption	20 W	Control gear failure rate at median	10 %
Power Consumption 20 W Power Factor (Fraction) 0.95 Connection Screw connection block 3-pole Application Conditions Cable Cable 10 m without plug Performance ambient temperature Tq 25 °C Maximum dim level Programmable Product Data Order product name BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ- Full product code 871869632016700 Order code 910925452286 Material Nr. (12NC) 910925452286 Material Nr. (12NC) 910925452286 Numerator - Quantity Per Pack 1 EAM/UPC - Product/Case 8718696320167 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320167 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320167	Inrush current	22 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 Order product name BGP213 ECO24/740 DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 DW CLO-DDF1 D18 FQQ- Full product code B71869632016700 Order code 910925452286 Material Nr. (12NC) 910925452286 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696320167 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320167	Inrush time	0.29 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 20 Maximum dim level Programmable Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Pointmable Yes 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 Aluminum die cast Reflector material Polycarbonate Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Programmable Programmable Programmable Product Data Order product name BGP213 EC024/740 II DW CLO-DDFI D18 FQQ- Full product name BGP213 EC024/740 II DW CLO-DDFI D18 FQQ- Full product code 871869632016700 Order code 910925452286 Material Nr. (12NC) 910925452286 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696320167 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320167	Power Consumption	20 W	life* 100000 h	
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 20 Maximum dim level Programmable Temperature Ambient temperature range -40 to +50 °C Controls and Dimming Pointmable Yes 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 Aluminum die cast Reflector material Polycarbonate Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Programmable Programmable Programmable Product Data Order product name BGP213 EC024/740 II DW CLO-DDFI D18 FQQ- Full product name BGP213 EC024/740 II DW CLO-DDFI D18 FQQ- Full product code 871869632016700 Order code 910925452286 Material Nr. (12NC) 910925452286 Numerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696320167 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320167	Power Factor (Fraction)	0.95		
Cable 10 m without plug Number of products on MCB of 16 A 20 Maximum dim level Programmable Product Data Product Data Order product name BGP213 ECO24/740 DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 DW CLO-DDF1 D18 FQQ- Full product code B71869632016700 Order code 910925452286 Material Nr. (12NC) 910925452286 Numerator - Quantity Per Pack EAN/UPC - Product/Case 8718696320167 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320167		· · · · · · · · · · · · · · · · · · ·	Application Conditions	
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Product Data Temperature Ambient temperature range -40 to +50 °C FQQ- Full product name BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 II DW CLO-DDF1 D18 FQQ- Full product code 871869632016700 Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Material Nr. (12NC) 910925452286 Control interface Internal (no external connection) Numerator - Quantity Per Pack 1 Constant light output Yes EAN/UPC - Product/Case 8718696320167 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320167 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320167			Maximum dim level	
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Temperature Ambient temperature range -40 to +50 °C Full product name BGP213 ECO24/740 DW CLO-DDF1 D18 FQQ- Full product name BGP213 ECO24/740 DW CLO-DDF1 D18 FQQ- Full product code BGP213 ECO24/740 DW CLO-DDF1 D18 FQQ- Full product code BGP213 ECO24/740 DW CLO-DDF1 D18 FQQ- Full product code B71869632016700 Order code 910925452286 Control interface Internal (no external connection) Numerator - Quantity Per Pack Constant light output Yes EAN/UPC - Product/Case 8718696320167 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320167			Product Data	
Ambient temperature range -40 to +50 °C FQQ- Controls and Dimming FQQ- Dimmable Yes Full product code 871869632016700 Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Material Nr. (12NC) 910925452286 Control interface Internal (no external connection) Numerator - Quantity Per Pack 1 Constant light output Yes EAN/UPC - Product/Case 8718696320167 Mechanical and Housing EAN/UPC - Case 8718696320167 Mechanical and Housing EAN/UPC - Case 8718696320167	Temperature		-	BGP213 ECO24/740 II DW CLO-DDF1 D18
Full product name BGP213 ECO24/740 DW CLO-DDF1 D18 FQQ- Dimmable Yes Full product code 871869632016700 Driver/power unit/transformer 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		-40 to +50 °C		,
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Dimmable Yes Full product code 871869632016700 Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Material Nr. (12NC) 910925452286 Control interface Internal (no external connection) Numerator - Quantity Per Pack 1 Constant light output Yes EAN/UPC - Product/Case 8718696320167 Numerator - Packs per outer box 1 Mechanical and Housing EAN/UPC - Case 8718696320167 Housing Material Aluminum die cast Reflector material Polycarbonate	Controls and Dimming		. at product name	,
Driver/power unit/transformer Power supply unit with DynaDimmer and constant light output (integrated) Order code 910925452286 Control interface Internal (no external connection) Numerator - Quantity Per Pack 1 Constant light output Yes EAN/UPC - Product/Case 8718696320167 Mumerator - Packs per outer box 1 Mechanical and Housing EAN/UPC - Case 8718696320167 Housing Material Aluminum die cast Reflector material Polycarbonate		Vec	Full product code	
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Constant light output Yes EAN/UPC - Product/Case 8718696320167 Numerator - Packs per outer box 1 EAN/UPC - Case 8718696320167 Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate	Control intento co			
Numerator - Packs per outer box 1 Mechanical and Housing Housing Material Aluminum die cast Reflector material Polycarbonate				
Mechanical and Housing EAN/UPC - Case 8718696320167 Housing Material Aluminum die cast Reflector material Polycarbonate	Constant light output	res		
Housing Material Aluminum die cast Reflector material Polycarbonate	Bankanian I and Market		<u> </u>	
Reflector material Polycarbonate			EAN/UPC - Case	6/1009032016/
Optic material Polycarbonate				
	Optic material	Polycarbonate		

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Dimensional drawing









