



# **DigiStreet**

### BGP762 LED180-/740 I DX10 DGR 32-48

DigiStreet Medium, LED module 18000 lm, 740 neutral white, Safety class I, Distribution extra wide 10, Dark gray, Luminaire surge protection level until 6 kV differential mode and 8 kV common mode, Spigot for diameter 32 to 48 mm

Developed with the aim of becoming your long-term partner,. the system-ready architecture of DigiStreet enables you to enjoy the benefits of connected lighting systems today and also gets the city ready for the innovations to come! Its two sockets enable you to connect directly to the Philips CityTouch system and it is also prepared to connect you to the future innovations of IoT. Next to this, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag application. With a simple scan of a QR code, placed on the inside of the mast door, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, no matter what stage of the luminaire's lifetime. Digistreet is also equipped with dedicated light recipes that: 1) maintain optimal ecosystems for bats or 2) preserve a dark night sky.

#### **Product data**

General Information		
Lamp family code	LED180 [LED module 18000 lm]	
Light source replaceable	No	
Number of gear units	1 unit	
Gear	EB [Electronic]	
Driver included	Yes	
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	
Product family code	BGP762 [DigiStreet Medium]	
Lighting Technology	LED	
Value ladder	Specification	
CE mark	Yes	
Warranty period	5 years	
Flammability mark	-	

Datasheet, 2023, April 29 data subject to change

## DigiStreet

EBEC mark  EBEC mark  Temperaturus (EGYY duration is a Spept for downster 3ct to 4kt rem  Up most light complant  Ves  Up most light complant  Ves  Up most light country  Up most light cutput ratio  Operatify duration  Operati			· -	
EU Ripht Scompliant Ves  Optical cover shape  Optical cover fishin Close  Optical cove	ENEC mark	ENEC mark	Housing Color	Dark gray
Cipht Technical   Cipht Control   Cipht Cont	:		·	
Upward light output ratio	EU RoHS compliant	Yes	· ·	
Cumular Elight output ratio   Cumular Elix   Scalar Scal			<u></u>	
Luminous Plux   15.480 km   Ore rall height   107 mm   Effective projected area   0.0 km   0.	Light Technical		Overall length	860 mm
Effective projected area	Upward light output ratio	0	Overall width	361 mm
Dimensions (Height x Width x Depth)   107 x 361 x 860 mm	Luminous Flux	15,480 lm	Overall height	107 mm
Correlated Color Temperature (Nom)	Standard tilt angle posttop	0°	Effective projected area	0.068 m²
Luminous Efficacy (rated) (Nom)	Standard tilt angle side entry	0°	Dimensions (Height x Width x Depth)	107 x 361 x 860 mm
Impress protection code   IPGG   Dust penetration-protected, jet-proof   Mech impact protection code   IRGG   IPG   IPGG   IPG	Correlated Color Temperature (Nom)	4000 K		
Number of light sources 1 740 neutral white 1 Light source color 740 neutral white 2 Optical cover type 1 Flat glass 1 Cuminaire light beam spread 2 4° x 15° Probibiological risk 2 Photobiological risk 3 Photobiological risk 4 Photobiological risk 4 Photobiological risk 4 Photobiological risk 4 Photobiological risk 5 Photobiological risk 6 Photobiological risk 7 Photobiological risk 7 Photobiological risk 7 Photobiological risk 7 Photobiological risk 8 Photobiological risk 9 Photopion 9 (IECCOmpliant	Luminous Efficacy (rated) (Nom)	146 lm/W	Approval and Application	
Light source color   740 neutral white   Optical cover type   Flat glass	Color rendering index (CRI)	70	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Control cover type	Number of light sources	1	Mech. impact protection code	IK09 [10 J]
Liminaire light beam spread 24" x 15" Photoblological risk proup 0 ⊚200mm to EN62778  Operating and Electrical Input Voltage 220-240 V Initial Performance (IEC Compliant) Line Frequency 50 to 60 Hz Luminous flux tolerance "/-7% Initial CLO power consumption - W Initial CLO power consumption 106 W Initial Chor Rendering Index Tolerance "/-2 Ununentating Index Tolerance Ununentation Initial CLO power consumption 0.039 Unit 100 W Unit 1	Light source color	740 neutral white	Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV
Optic type outdoor  Distribution extra wide 10  Operating and Electrical Input Voltage  220-240 V  Line Frequency  50 to 60 Hz  Line Frequency  50 to 60 Hz  Line Frequency  50 to 60 Hz  Line Frequency  Initial CIO power consumption  - W  Initial Cropwer consumption  - W  Initial Cropwer consumption or W  Inturent  53 A  Inrush current  53 A  Inrush time  0 3 ms  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful  10 %  Line maintenance at median useful  10 %  Line maintenance at median useful  10 %  Line maintenance at median useful  10 %  Inticooo h  Lumen maintenance at median useful  10 %  Inticooo h  Connection  Control gear failure rate at median useful  10 %  Inticooo h  Lumen maintenance at median useful  10 %  Inticooo h  Control gear failure rate at median useful  10 %  Inticooo h  Control gear failure rate at median useful  Inticooo h  Lumen maintenance at median useful  Inticooo h  Control gear failure rate at median useful  Inticooo h  Lumen maintenance at median useful life*  Log  Control gear failure rate at median useful  Inticoor Rendering index Tolerance	Optical cover type	Flat glass		differential mode and 8 kV common mode
EN62778   EN62778   Controls and Dimming   Femperature	Luminaire light beam spread	24° x 151°	Protection class IEC	Safety class I
Initial Performance (IEC Compliant)   Initial Performance (IEC Compliant)   Initial Chromaticity   (0.38, 0.38) SDCM <   Luminous flux tolerance   +/-7%   Initial Chromaticity   (0.38, 0.38) SDCM <   No.   No	Optic type outdoor	Distribution extra wide 10	Photobiological risk	Photobiological risk group 0 @200mm to
Injust Voltage				EN62778
Lime Frequency 50 to 60 Hz  Initial CLO power consumption -W  Initial CLO power consumption -V	Operating and Electrical			
Initial CLO power consumption -W Initial Chromaticity (0.38, 0.38) SDCM <5  Average CLO power consumption -W Power consumption tolerance //-10% Init. Color Rendering Index Tolerance //-10% Init. Color Rendering Index Tolerance //-2  Inrush current 53 A Inrush time 0.3 ms Over Time Performance (IEC Compliant)  Power Consumption 106 W Control gear failure rate at median useful 10% Itie 100000 h  Power Factor (Fraction) 0.99 Itie 100000 h  Lumen maintenance at median useful life* L92 1000000 h  Lumen maintenance at median useful life* L92 1000000 h  Lumen maintenance at median useful life* L92 1000000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level Not applicable  Product Data  Controls and Dimming Order product name BGP762 LED180-/740 I DXIO DGR 32-48 Pull product name BGP762 LED180-/740 I DXIO DGR 32-48 Pull product code 37834200  Full product code 37834200  Mechanical and Housing Aluminum  Mechanical and Housing Aluminum  Mechanical and Housing Aluminum  Aluminum  Aluminum  Aluminum  Aluminum  Aluminum  Aluminum  Polycarbonate Optic material Polycarbonate Optic material Acrylate  Optic material Class	Input Voltage	220-240 V	Initial Performance (IEC Compliant)	
Power consumption   -W   Power consumption   10%   Init. Color Rendering Index Tolerance   +/-10%   Init. Color Rendering Index Tolerance   +/-2	Line Frequency	50 to 60 Hz	Luminous flux tolerance	+/-7%
End CLO power consumption - W  Inrush current 53 A  Inrush time 0.3 ms  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful 10 % life 100000 h  Connection Screw connection block 3-pole 100000 h  Cable - 100000 h  Number of products on MCB of 16 A type B  B  Application Conditions  Performance at median useful life* L92 100000 h  Lumen maintenance at median useful life* L92 100000 h  Application Conditions  Performance an ambient temperature Tq 25 °C  Maximum dim level Not applicable  Product Data  Controls and Dimming  Dimmable No  Order product name BGP762 LED180-/740 I DX10 DGR 32-48  Full product name BGP762 LED180-/740 I DX10 DGR 32-48  Full product code 871869637834200  Control interface - Order code 37834200  Control interface - Order code 37834200  Material Nr. (12NC) 910925863711  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696378342  Optic material Acrylate  Optic material Acrylate  Optic aterial Acrylate  Optic material Glass	Initial CLO power consumption	- W	Initial chromaticity	(0.38, 0.38) SDCM <5
Inrush current 53 A  Inrush time 0.3 ms  Over Time Performance (IEC Compliant)  Control gear failure rate at median useful 10 %  Universe factor (Fraction) 0.99  Connection Screw connection block 3-pole Lumen maintenance at median useful life* L92  Control gear failure rate at median useful life* L92  Lumen maintenance at median useful life* L92  100000 h  Application Conditions  Performance ambient temperature Tq 25 °C  Maximum dim level Not applicable  Product Data  Control sand Dimming  Dimmable No Driver/power unit/transformer Power supply unit (On/Off)  Full product name BGP762 LED180-/740 I DX10 DGR 32-48  Full product code 871869637834200  Order code 37834200  Control interface - Constant light output No Material Nr. (12NC) 910925863711  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696378342  Optic material Polycarbonate  Optic material Acrylate  Optic material Glass	Average CLO power consumption	- W	Power consumption tolerance	+/-10%
Inrush time   0.3 ms   Over Time Performance (IEC Compliant)	End CLO power consumption	- W	Init. Color Rendering Index Tolerance	+/-2
Control gear failure rate at median useful   10%   Ilife 100000 h   Ilif	Inrush current	53 A		
Power Factor (Fraction)   0.99   Lumen maintenance at median useful life* L92	Inrush time	0.3 ms	Over Time Performance (IEC Compli	ant)
Connection Screw connection block 3-pole  Cable - 100000 h  Number of products on MCB of 16 A type 8 B  Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable  Ambient temperature range -40 to +50 °C  Product Data  Controls and Dimming Order product name BGP762 LED180-/740   DX10 DGR 32-48  Dimmable No Full product name BGP762 LED180-/740   DX10 DGR 32-48  Driver/power unit/transformer Power supply unit (On/Off) Full product code 871869637834200  Constant light output No Material Nr. (12NC) 910925863711  Numerator - Quantity Per Pack 1  Mechanical and Housing Housing Numerator - Packs per outer box 1  Reflector material Polycarbonate Glass  Class	Power Consumption	106 W	Control gear failure rate at median useful	10 %
Cable - 100000 h  Number of products on MCB of 16 A type B B Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable Product Data  Controls and Dimming Dimmable No Full product name BGP762 LED180-/740 I DX10 DGR 32-48 Driver/power unit/transformer Power supply unit (On/Off) Full product code 871869637834200  Control interface - Order code 37834200  Constant light output No Material Nr. (12NC) 910925863711  Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate Optic material Acrylate Optical cover material Glass	Power Factor (Fraction)	0.99	life 100000 h	
Number of products on MCB of 16 A type 8 B Application Conditions Performance ambient temperature Tq 25 °C Maximum dim level Not applicable  Ambient temperature range -40 to +50 °C  Product Data  Controls and Dimming Dimmable No Driver/power unit/transformer Power supply unit (On/Off) Full product code 871869637834200  Control interface - Constant light output No Material Nr. (12NC) 910925863711  Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate Optic material Acrylate Optical cover material Glass	Connection	Screw connection block 3-pole	Lumen maintenance at median useful life*	L92
Application Conditions Performance ambient temperature Tq 25 °C  Maximum dim level Not applicable  Product Data  Controls and Dimming Dimmable No Full product name BGP762 LED180-/740 I DX10 DGR 32-48  Priver/power unit/transformer Power supply unit (On/Off) Full product code 871869637834200  Control interface - Order code 37834200  Constant light output No Material Nr. (12NC) 910925863711  Mechanical and Housing Housing Material Aluminum Reflector material Polycarbonate Optic material Acrylate Optical cover material Glass	Cable	-	100000 h	
Performance ambient temperature Tq 25 °C  Maximum dim level Not applicable  Product Data  Controls and Dimming Dimmable No Full product name BGP762 LED180-/740   DX10 DGR 32-48  Driver/power unit/transformer Power supply unit (On/Off) Full product code 871869637834200  Control interface - Order code 37834200  Constant light output No Material Nr. (12NC) 910925863711  Mechanical and Housing  Housing Material Aluminum EAN/UPC - Product/Case 8718696378342  Optic material Polycarbonate  Optic material Acrylate  Optical cover material Glass	Number of products on MCB of 16 A type	8		
Temperature  Ambient temperature range -40 to +50 °C  Product Data  Controls and Dimming  Dimmable  No  Product name  BGP762 LED180-/740 I DX10 DGR 32-48  Full product name  BGP762 LED180-/740 I DX10 DGR 32-48  Product Data  Product Data  Full product name  BGP762 LED180-/740 I DX10 DGR 32-48  Product name  BGP762 LED180-/740 I DX10 DGR 32-48  Full product code  871869637834200  Control interface  Constant light output  No  Material Nr. (12NC)  Ploy25863711  Numerator - Quantity Per Pack  EAN/UPC - Product/Case  8718696378342  Numerator - Packs per outer box  1  Reflector material  Polycarbonate  Optic material  Acrylate  Optical cover material  Glass	В		<b>Application Conditions</b>	
Ambient temperature range -40 to +50 °C  Product Data  Controls and Dimming  Dimmable  No  Full product name  BGP762 LED180-/740 I DX10 DGR 32-48  Full product name  BGP762 LED180-/740 I DX10 DGR 32-48  Full product name  BGP762 LED180-/740 I DX10 DGR 32-48  Full product code  871869637834200  Control interface  -  Constant light output  No  Material Nr. (12NC)  Mumerator - Quantity Per Pack  I  Mechanical and Housing  Housing Material  Aluminum  Numerator - Packs per outer box  Reflector material  Polycarbonate  Optic material  Glass			Performance ambient temperature Tq	25 °C
Product Data  Controls and Dimming  Dimmable  No  Full product name  BGP762 LED180-/740   DX10 DGR 32-48  Full product name  BGP762 LED180-/740   DX10 DGR 32-48  Full product code  871869637834200  Control interface  Constant light output  No  Material Nr. (12NC)  Polycarbonate  Housing Material  Aluminum  Numerator - Packs per outer box  Reflector material  Optical cover material  Glass	Temperature		Maximum dim level	Not applicable
Controls and DimmingOrder product nameBGP762 LED180-/740 I DX10 DGR 32-48DimmableNoFull product nameBGP762 LED180-/740 I DX10 DGR 32-48Driver/power unit/transformerPower supply unit (On/Off)Full product code871869637834200Control interface-Order code37834200Constant light outputNoMaterial Nr. (12NC)910925863711Mechanical and HousingNumerator - Quantity Per Pack1Housing MaterialAluminumNumerator - Packs per outer box1Reflector materialPolycarbonateEAN/UPC - Case8718696378342Optic materialAcrylateOptical cover materialGlass	Ambient temperature range	-40 to +50 °C		
Dimmable No Full product name BGP762 LED180-/740   DX10 DGR 32-48  Driver/power unit/transformer Power supply unit (On/Off) Full product code 871869637834200  Control interface - Order code 37834200  Constant light output No Material Nr. (12NC) 910925863711  Numerator - Quantity Per Pack 1  Mechanical and Housing EAN/UPC - Product/Case 8718696378342  Housing Material Aluminum Numerator - Packs per outer box 1  Reflector material Polycarbonate EAN/UPC - Case 8718696378342  Optic material Acrylate  Optical cover material Glass			Product Data	
Driver/power unit/transformer Power supply unit (On/Off) Full product code 871869637834200  Control interface - Order code 37834200  Constant light output No Material Nr. (12NC) 910925863711  Numerator - Quantity Per Pack 1  EAN/UPC - Product/Case 8718696378342  Housing Material Aluminum Numerator - Packs per outer box 1  Reflector material Polycarbonate EAN/UPC - Case 8718696378342  Optic material Acrylate  Optical cover material Glass	Controls and Dimming		Order product name	BGP762 LED180-/740 I DX10 DGR 32-48
Control interface - Order code 37834200  Constant light output No Material Nr. (12NC) 910925863711  Numerator - Quantity Per Pack 1  Mechanical and Housing Housing Material Aluminum Numerator - Packs per outer box 1  Reflector material Polycarbonate EAN/UPC - Case 8718696378342  Optic material Acrylate  Optical cover material Glass	Dimmable	No	Full product name	BGP762 LED180-/740 I DX10 DGR 32-48
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Numerator - Quantity Per Pack 1  Mechanical and Housing  EAN/UPC - Product/Case 8718696378342  Housing Material Aluminum Numerator - Packs per outer box 1  Reflector material Polycarbonate EAN/UPC - Case 8718696378342  Optic material Acrylate  Optical cover material Glass	Control interface	-	Order code	37834200
Mechanical and Housing       Housing Material     Aluminum     Numerator - Packs per outer box     1       Reflector material     Polycarbonate     EAN/UPC - Case     8718696378342       Optic material     Acrylate       Optical cover material     Glass	Constant light output	No	Material Nr. (12NC)	910925863711
Housing Material Aluminum Numerator - Packs per outer box 1  Reflector material Polycarbonate EAN/UPC - Case 8718696378342  Optic material Acrylate Optical cover material Glass			Numerator - Quantity Per Pack	1
Housing Material     Aluminum     Numerator - Packs per outer box     1       Reflector material     Polycarbonate     EAN/UPC - Case     8718696378342       Optic material     Acrylate       Optical cover material     Glass	Mechanical and Housing		EAN/UPC - Product/Case	8718696378342
Reflector material     Polycarbonate     EAN/UPC - Case     8718696378342       Optic material     Acrylate       Optical cover material     Glass		Aluminum	Numerator - Packs per outer box	1
Optic material     Acrylate       Optical cover material     Glass			EAN/UPC - Case	8718696378342
Optical cover material Glass		·		
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## **DigiStreet**

#### Dimensional drawing



