



UniStreet

BGP204 LED160/740 I DM D9 48/60A

UniStreet Large, LED module 16000 lm, 740 neutral white, Safety class I, Distribution medium, Universal for diameter 48 to 60 mm adjustable

At relatively low initial cost, the highly efficient LED-based UniStreet luminaire offers significant cost savings compared with conventional street lighting, ensuring full payback within a short period of time. Available in a choice of lumen packages, UniStreet allows point-to-point replacement of outdated conventional light sources and luminaires. The compact, slim luminaire is made of quality recyclable materials. And being a LED solution, it requires little maintenance. Core version design for high-volume projects at relatively low initial budget. Offer limited range of optics. Performer version design for customers who are preparing big renovation projects, TCO oriented

Product data

General Information		
Lamp family code	LED160 [LED module 16000 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.	

Light source engine type	LED	
Product family code	BGP204 [UniStreet Large]	
Lighting Technology	LED	
Glow-wire test	Temperature 650 °C, duration 5 s	
Flammability mark	-	
CE mark	Yes	
ENEC mark	ENEC mark	
Warranty period	5 years	
EU RoHS compliant	No	
Embedded control	-	
Light Technical		
Upward light output ratio	0	

Datasheet, 2023, September 4 data subject to change

UniStreet

Luminous Eliza 15760 in Optical cover shape Fitz Standard kit angle stote postop 0 Optical cover finish Cleen Standard kit angle side entry 4000 K Opcial length 25 mm Correlated Color representary (Nom) 4000 K Overall height 35 mm Luminous Efficacy (rated) (Nom) 109 km/W Overall height 35 mm Light source color 740 results white Dimensione (Hight widen's Deptile with with 2004) 88 x 85 x 75 mm Clight source color 740 results white Poptical cover type 18 his gives Optical cover (source color 740 results white Approval and Application 88 x 85 x 75 mm Optical cover (source color 18 his gives Approval and Application 88 x 85 x 75 mm Optical cover (source color 18 his gives Approval and Application 88 x 85 x 75 mm Optical cover (source color 18 his gives Approval and Application 19 bit you will applied to 100 km 10				
Standard tilt angle side enthy 0° vor lall length 75 mm Correlated Color Temperature (Mon) 400 0 K overall width 35 mm Correlated Color Temperature (Actor) (Mon) 90 mm overall width 35 mm Color reclated (Mon) 70 meubral (Byth source) 8 Effective projected area 0.04 m² United or (Byth source) 70 meubral wilde 70 m	Luminous Flux	13,760 lm	Optical cover shape	Flat
Controlated Color Temperature (Nom) 4000 N Overall height 55 mm Luminous Efficacy (facted) (Nom) 100 Inv/N Overall height 00 dm ²¹ Color rendering lander (Filt) 70 Efficie producted area 00 dm ²¹ Number of light sources 5 Dimensions (Height x Windth x Depbt) 98 x 355 x 755 mm Uphits source color 740 record with with Product cover to product of the store of the sto	Standard tilt angle posttop	0°	Optical cover finish	Clear
Luminous fifficacy (Inted) (Nom) 09 In/W Overall height 98 mm Color rendering index (CRI) 70 Effective projected area 0.04 cm² 0.04 cm² Number of light sources (or 5 Depois a consolor (Park Stock) 83 x35 x75 mm Upday source color Flat Ideas Approval and Application IPSE [Dist persekation-protected], jet-proof (Park Stock) Operating and Electrical 15° Impress protection code IPSE [Dist persekation-protected], jet-proof (Park Stock) Injust Olage 220-240 V Injust Common/Differential Profection class ECC 249 years 1 Injust CLO power consumption 10ELET [W Injust Information √7.7% Injust CLO power consumption 10ELET [W Injust Information √380, 380, 380, 580, 580, 580, 580, 580, 580, 580, 5	Standard tilt angle side entry	O°	Overall length	755 mm
Color rendering index (CRI) 70 Effective projected area 0.04 arm Number of light sources 5 Dimensions (Height x Width x Deph) 98.3 35.8 755 mm Luminario light sources of tight sources F40 neutral white Approval and Application Optick type outdoor Dishthudian medium Mech impact protection code IMG6 [5] J vandal-protected, jet-proof (Deph 2000) Optick type outdoor Dishthudian medium Mech impact protection code IMG6 [5] J vandal-protected, jet-proof (Deph 2000) Operating and Electrical To post of the color	Correlated Color Temperature (Nom)	4000 K	Overall width	355 mm
Number of light sources color	Luminous Efficacy (rated) (Nom)	109 lm/W	Overall height	98 mm
Light source color 740 neutral white Optical cover type Flat giss Approval and Application Commander light beam spread 54° Impress protection code IP66 [Dust penetration-protected, jet-proof] Optic type outdoor Distribution medium Mech, impact protection code IR66 [Dust penetration-protected, jet-proof] Operating and Electrical Use of the penetration of the	Color rendering index (CRI)	70	Effective projected area	0.04 m²
Optical cover type Flat glass Approval and Application IPG6 [Dust penetration-protected, jet-prof] Opitic type outdoro Ibitibution medium IPG6 [Dust penetration-protected, jet-prof] Operating and Electrical **Penetro outdown (incomposition and part penetration) Protection code IRG0 [s] vandal-protected] Input Voltage 20-240 V **Protection class IEC Sofery class I Line Frequency 105 to 80 Hz Initial Penformance (IEC Compliant)* **Providence outcomposition (initial chomaticity) (0.380 0.380) SICM < Reverage CLO power consumption DELETE! W Power consumption to 105 ELTE; W Power consumption to 105 ELTE; W **Power consumption to 105 ELTE; W Power consumption to 105 ELTE; W **Power consumption to 105 E	Number of light sources	5	Dimensions (Height x Width x Depth)	98 x 355 x 755 mm
Luminaire light beam spread 154" Impress protection code IP66 (Dust penetationprotected, jetproof) Opic yea outdoor Distribution medium Mech. impact protection code MCOB [5] vanidal-protected] (setproof) Operating and Electrical 20-240 V ************************************	Light source color	740 neutral white		
Opic trype outdoor Distribution medium Mech. Impact protection code IKOS [5] vandal-protected] Operating and Electrical ***Protection Level Potention class IEC Statistand's surge protection level Input Voltage 220-240 V ***Protection class IEC \$**Protection Class IEC Ferrequency Line Frequency 50 to 60 Hz Initial Performance (IEC Complian)* ***Protection Class IEC ****Protection Class IEC ****Protection Class IEC ****Protection Class IEC *****Protection Class IEC *****Protection Class IEC ************************************	Optical cover type	Flat glass	Approval and Application	
Surge Protection (Common/Differential) Philips standard surge protection level Operating and Electrical 202-240 V Line Prequency 50 to 60 Hz Initial Performance (IEC Complian): Linitial CLO power consumption IDELETE W Limitial CLO power consumption (O. 380, 0.380) SDCM 45 End CLO power consumption IDELETE W Power consumption tolerance */-7% End CLO power consumption 1DELETE W Initial clore Rendering Index Tolerance */-2 Inrush time 0 3 As Over Time Performance (IEC Compliant): */-2 Power Consumption 10% W Over Time Performance (IEC Compliant): */-2 Connection 5 Serve connection block 3-pole Control gear failure rate at median useful. If the standard surge protection in the performance (IEC Compliant): */-2 Connection 5 Serve connection block 3-pole */-2 */-2 Cable - Control gear failure rate at median useful. If the standard surge protection in the performance at median useful. If the standard surge protection in the performance at median useful. If the standard surge protection in the performance at median useful. If the standard surge protection in the performance at median useful. If the standard surge protection in the performance at median useful. If the standard surge protection in t	Luminaire light beam spread	154°	Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Operating and Electrical Jack Journal of Surface (Lack Despiration of Surface) Jack Journal of Surface (Lack Despiration) Jack Journal of Jack Journal of Surface (Lack Despiration) Jack Journal of J	Optic type outdoor	Distribution medium	Mech. impact protection code	IK08 [5 J vandal-protected]
Input Voltage 220-240 V Line Frequency 50 to 60 Hz Initial CLO power consumption IDELETE IW Luminous flux tolerance 4 /-7% Average CLO power consumption IDELETE IW Initial chormaticity (0.380, 0.380) SDCM <5			Surge Protection (Common/Differential)	Philips standard surge protection level
Line Frequency 50 to 60 Hz Initial Performance (IEC Compliant) Initial CJO power consumption (DELETE) W Luminous flux tolerance -√-7% Average CLO power consumption (DELETE) W Imital chromaticity (0.380 to .380 to .580 to .500 to .	Operating and Electrical		Protection class IEC	Safety class I
Initial CLO power consumption IDELETE JW Luminous flux tolerance √-7% Average CLO power consumption IDELETE JW Initial chromaticity (0.380, 0.380) SDCM <5 End CLO power consumption IDELETE JW Initial chromaticity √-7% Inrush time 0.3 ms	Input Voltage	220-240 V		
Average CLO power consumption IDELETE W Initial chromaticity (0.380, 0.380) SDCM <5	Line Frequency	50 to 60 Hz	Initial Performance (IEC Compliant)	
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Inrush time 0.3 ms Power Consumption 126 W Over Time Performance (IEC Compliant) Power Factor (Fraction) 0.99 Control gear failure rate at median useful life* L80 Connection Screw connection block 3-pole life 100000 h Cable - Lumen maintenance at median useful life* L80 Number of products on MCB of 16 A type 8 100000 h A mile of products on MCB of 16 A type 8 1000000 h B manual man	End CLO power consumption	[DELETE] W	Power consumption tolerance	+/-10%
Power Consumption 126 W Over Time Performance (IEC Compliant) Power Factor (Fraction) 0.99 Control gear failure rate at median useful. 10 % Connection Screw connection block 3-pole Little 100000 h Cable - Lumen maintenance at median useful life* L80 Number of products on MCB of 16 A type 8 1000000 h B 1000000 h 1000000 h Temperature -40 to +50 °C Application Conditions Performance ambient temperature Tq 25 °C Ambient temperature range -40 to +50 °C Maximum dim level 10% Controls and Dimming Yes Order product name BGP204 LED160/7401 DM D9 48/60A Driver/power unit/transformer Power supply unit with DALI interface Full product name BGP204 LED160/7401 DM D9 48/60A Control linterface DALI Full product code 87186963729510O Control linterface DALI Material Nr. (2TNC) 910925421288 Mechanical and Housing Numerator - Quantity Per Pack 1 Housing Material Polycarbonate EA/UPC - Product/Case 8718696372951 <th>Inrush current</th> <th>53 A</th> <th>Init. Color Rendering Index Tolerance</th> <th>+/-2</th>	Inrush current	53 A	Init. Color Rendering Index Tolerance	+/-2
Power Factor (Fraction) 0.99 Control gear failure rate at median useful. Ife 100000 h 10%	Inrush time	0.3 ms		
Connection Screw connection block 3-pole life 100000 h Cable - Lumen maintenance at median useful life* LBO Number of products on MCB of 16 A type 8 100000 h Application Conditions Temperature Ambient temperature range -40 to +50 °C Performance ambient temperature Tq 25 °C Ambient temperature range -40 to +50 °C Maximum dim level 10% Controls and Dimming Dimmable Yes Order product Data BGP204 LED160/740 1 DM D9 48/60A Driver/power unitytransformer Power supply unit with DALI interface Full product came BGP204 LED160/740 1 DM D9 48/60A Constant light output No Full product code 9786937295100 Mechanical and Housing No Material Nr. (12NC) 910925452168 Mechanical and Housing Numerator - Quantity Per Pack 1 Reflector material Polycarbonate Numerator - Packs per outer box 1 Optica according Product Case 878696372951 Example of Journal Light of Journal Light of Journal Light of Journal Light of J	Power Consumption	126 W	Over Time Performance (IEC Compli	ant)
Lumen maintenance at median useful life* LBO Number of products on MCB of 16 A type B Control Conditions Performance ambient temperature Tq 25 °C Controls and Dimming Performance ambient temperature Tq 25 °C Controls and Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance ambient temperature Tq 25 °C Control Sand Dimming Performance Ambient temperature Tq 25 °C Control Sand Dimming Performance Ambient temperature Tq 25 °C	Power Factor (Fraction)	0.99	Control gear failure rate at median useful	10 %
Number of products on MCB of 16 A type B Temperature Ambient temperature range -40 to +50 °C Ambient devel Product Data Order product name -50 Foll product name -50 Foll product code	Connection	Screw connection block 3-pole	life 100000 h	
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Application Conditions Performance ambient temperature Tq 25 °C	Number of products on MCB of 16 A type	8	100000 h	
Performance ambient temperature Tq 25 °C Maximum dim level 10%	В			
Ambient temperature range -40 to +50 °C Controls and Dimming Product Data Order product name BGP204 LED160/740 I DM D9 48/60A Driver/power unit/transformer Power supply unit with DALI interface Full product code 871869637295100 Control interface DALI Full product code 910925452168 Control interface No Order code 910925452168 Material Nr. (12NC) 910925452168 Material Nr. (12NC) 910925452168 Material Nr. (12NC) 10 Monopose S71869637295100 Material Nr. (12NC) 910925452168 EAN/UPC - Product/Case 8718696372951 Optic material Polycarbonate Numerator - Packs per outer box 1 Coptic material Polycarbonate S718696372951 Optical cover material Tempered glass Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm			Application Conditions	
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Dimmable Yes Order product name BGP204 LED160/740 DM D9 48/60A Driver/power unit/transformer Power supply unit with DALI interface Full product code Tull product code Plus product name BGP204 LED160/740 DM D9 48/60A BGP204 LED1	Ambient temperature range	-40 to +50 °C	Maximum dim level	10%
Dimmable Yes Order product name BGP204 LED160/740 DM D9 48/60A Driver/power unit/transformer Power supply unit with DALI interface Full product code Tull product code Plus product name BGP204 LED160/740 DM D9 48/60A BGP204 LED1				
Driver/power unit/transformer Power supply unit with DALI interface Full product name BGP204 LED160/740 I DM D9 48/60A Full product code 871869637295100 Constant light output No Order code 910925452168 Material Nr. (12NC) 910925452168 Material Nr. (12NC) 910925452168 Mumerator - Quantity Per Pack 1 EAN/UPC - Product/Case 8718696372951 EAN/UPC - Product/Case 8718696372951 Dytic material Polycarbonate Polycarbonate Dytic material Polycarbonate EAN/UPC - Case 8718696372951 EAN/UPC - Case 8718696372951 EAN/UPC - Case BT18696372951 Tempered glass Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm	Controls and Dimming		Product Data	
Control interface DALI Constant light output No Mechanical and Housing Housing Material Reflector material Polycarbonate Polycarbonate Optic material Aluminum Housing Color Grey Munity Per Pack I EAN/UPC - Product/Case B718696372951 EAN/UPC - Product/Case B718696372951	Dimmable	Yes	Order product name	BGP204 LED160/740 I DM D9 48/60A
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Material Nr. (12NC) 910925452168 Mechanical and Housing Housing Material Aluminum die cast EAN/UPC - Product/Case Reflector material Polycarbonate Numerator - Packs per outer box I EAN/UPC - Case R718696372951	Control interface	DALI	Full product code	871869637295100
Mechanical and Housing Numerator - Quantity Per Pack 1 Housing Material Aluminum die cast EAN/UPC - Product/Case 8718696372951 Reflector material Polycarbonate Numerator - Packs per outer box 1 Optic material Polycarbonate EAN/UPC - Case 8718696372951 Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm	Constant light output	No	Order code	910925452168
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Optic material Polycarbonate EAN/UPC - Case 8718696372951 Optical cover material Tempered glass Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm	Housing Material	Aluminum die cast	EAN/UPC - Product/Case	8718696372951
Optical cover material Tempered glass Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm	Reflector material	Polycarbonate	Numerator - Packs per outer box	1
Fixation material Aluminum Housing Color Grey Mounting device Universal for diameter 48 to 60 mm	Optic material	Polycarbonate	EAN/UPC - Case	8718696372951
Housing Color Grey Mounting device Universal for diameter 48 to 60 mm	Optical cover material	Tempered glass		
Mounting device Universal for diameter 48 to 60 mm	Fixation material	Aluminum		
Mounting device Universal for diameter 48 to 60 mm	Housing Color	Grey		
adjustable	Mounting device	Universal for diameter 48 to 60 mm		
		adjustable		

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Dimensional drawing



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