# **PHILIPS** Lighting



# Iridium<sup>2</sup> LED Large

### BGP353 ECO156-3S/740 II DM AL GR T25

Iridium<sup>2</sup> LED Large, LED EconomyLine 15600 lm, 740 neutral white, Safety class II, Distribution medium, Grey

Iridium<sup>2</sup> is a family of road-lighting luminaires designed for performance and sustainability. Depending on the application and budget, customers can start with LED, electronic HID or a mix of both technologies with the same luminaire. Whatever the initial choice, Iridium<sup>2</sup>'s modularity allows customers to upgrade their installations (LED to LED or e-HID to LED) whenever they want, simply by changing the light engine. The integration of LEDGINE, brand new HID optics, electronic gear and controls is a response to the growing demand for energy savings. The new Iridium<sup>2</sup> HID optics are designed to deliver best-in-class lighting performance while offering tremendous flexibility in application. All these features, combined with Iridium<sup>2</sup>'s ease of installation and maintenance, ensure that customers enjoy low cost of ownership.

#### Product data

General Information	
Lamp family code	ECO156 [LED EconomyLine 15600 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Photocell	-
Light source engine type	LED
Product family code	BGP353 [Iridium <sup>2</sup> LED Large]
Lighting Technology	LED
Embedded control	-
CE mark	Yes
Warranty period	5 years

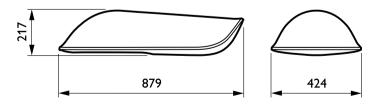
Flammability mark	-
ENEC mark	-
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0
Luminous Flux	13,316 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	103 lm/W
Color rendering index (CRI)	70

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Number of light sources	64
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	150° x 62°
Optic type outdoor	Distribution medium
Operating and Electrical	
	220 to 240 V
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	129 W
Power Factor (Fraction)	0.9
Connection	Plug-in connector 3-pole Wieland/Adels
	compatible
Cable	-
Number of products on MCB of 16 A ty	р <b>е В</b> 8
Temperature	
Ambient temperature range	-25 to +25 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Acrylate
Optic material	Polycarbonate
Optical cover material	Tempered glass
Fixation material	Stainless steel
Housing Color	Grey
Mounting device	Universal for diameter 48 to 76 mm
Optical cover shape	Flat

Overall length879 mmOverall width424 mmOverall height217 mmEffective projected area0.14 m²Dimensions (Height x Width x Depth)217 x 424 x 879 mmParts colorAll parts coloredApproval and ApplicationIngress protection codeIngress protection codeIP66 [Dust penetration-protected, jet-proof]Mech. impact protection codeIK08 [5 J vandal-protected]Surge Protection (Common/Differential)Philips standard surge protection levelProtection class IECSafety class IIInitial Performance (IEC Compliant)Luminous flux toleranceInitial chromaticity(0.380, 0.380) SDCM <5Power consumption tolerance+/-7%Initial chromaticity(0.380, 0.380) SDCM <5Power Time Performance (IEC Compliant)Driver failure rate at 5000 h0.5 %Product DataOrder product nameBGP353 EC0156-3S/740 II DM AL GR T25Full product nameBGP353 EC0156-3S/740 II DM AL GR T25Full product code871829197794000Order code910925439498Material Nr. (12NC)910925439498Numerator - Quantity Per Pack1EAN/UPC - Product/Case8718291977940Numerator - Packs per outer box1EAN/UPC - Case8718291977940	Optical cover finish	Clear	
Overall height217 mmEffective projected area0.14 m²Dimensions (Height x Width x Depth)217 x 424 x 879 mmParts colorAll parts coloredApproval and ApplicationIngress protection codeIngress protection codeIP66 [Dust penetration-protected]Surge Protection (Common/Differential)Philips standard surge protection levelProtection class IECSafety class IIInitial Performance (IEC Compliant)Luminous flux toleranceLuminous flux tolerance+/-7%Initial chromaticity(0.380, 0.380) SDCM <5Power consumption tolerance+/-10%Init. Color Rendering Index Tolerance+/-2Over Time Performance (IEC Compliant)Driver failure rate at 5000 h0.5 %0.5 %Product Data00Order product nameBGP353 EC0156-35/740 II DM AL GR T25Full product code871829197794000Order code910925439498Material Nr. (12NC)910925439498Numerator - Quantity Per Pack1EAN/UPC - Product/Case8718291977940Numerator - Packs per outer box1	Overall length	879 mm	
Effective projected area   0.14 m²     Dimensions (Height x Width x Depth)   217 x 424 x 879 mm     Parts color   All parts colored     Approval and Application   Ingress protection code     Ingress protection code   IP66 [Dust penetration-protected, jet-proof]     Mech. impact protection code   IK08 [5 J vandal-protected]     Surge Protection (Common/Differential)   Philips standard surge protection level     Protection class IEC   Safety class II     Initial Performance (IEC Compliant)   Luminous flux tolerance     Luminous flux tolerance   +/-7%     Initial chromaticity   (0.380, 0.380) SDCM <5     Power consumption tolerance   +/-10%     Init. Color Rendering Index Tolerance   +/-2     Over Time Performance (IEC Compliant)   Driver failure rate at 5000 h     O.5 %   Product Data     Order product name   BGP353 EC0156-35/740 II DM AL GR T25     Full product name   BGP353 EC0156-35/740 II DM AL GR T25     Full product code   871829197794000     Order code   910925439498     Material Nr. (12NC)   910925439498     Numerator - Quantity Per Pack   1     EAN/UPC - Product/Case   871829	Overall width	424 mm	
Dimensions (Height x Width x Depth)   217 x 424 x 879 mm     Parts color   All parts colored     Approval and Application   Ingress protection code   IP66 [Dust penetration-protected, jet-proof]     Mech. impact protection code   IK08 [5 J vandal-protected]     Surge Protection (Common/Differential)   Philips standard surge protection level     Protection class IEC   Safety class II     Initial Performance (IEC Compliant)   Luminous flux tolerance     Luminous flux tolerance   +/-7%     Initial chromaticity   (0.380, 0.380) SDCM <5     Power consumption tolerance   +/-10%     Init. Color Rendering Index Tolerance   +/-2     Over Time Performance (IEC Compliant)   Driver failure rate at 5000 h     Driver failure rate at 5000 h   0.5 %     Product Data   Order product name     BGP353 EC0156-35/740 II DM AL GR T25     Full product code   871829197794000     Order code   910925439498     Material Nr. (12NC)   910925439498     Numerator - Quantity Per Pack   1     EAN/UPC - Product/Case   8718291977940     Numerator - Packs per outer box   1	Overall height	217 mm	
Parts color   All parts colored     Approval and Application   Ingress protection code   IP66 [Dust penetration-protected, jet-proof]     Mech. impact protection code   IK08 [5 J vandal-protected]     Surge Protection (Common/Differential)   Philips standard surge protection level     Protection class IEC   Safety class II     Initial Performance (IEC Compliant)   Luminous flux tolerance     Luminous flux tolerance   +/-7%     Initial chromaticity   (0.380, 0.380) SDCM <5     Power consumption tolerance   +/-10%     Init. Color Rendering Index Tolerance   +/-2     Over Time Performance (IEC Compliant)   Driver failure rate at 5000 h     Driver failure rate at 5000 h   0.5 %     Product Data   Order product name     BGP353 EC0156-3S/740 II DM AL GR T25     Full product code   871829197794000     Order code   910925439498     Material Nr. (12NC)   910925439498     Numerator - Quantity Per Pack   1     EAN/UPC - Product/Case   8718291977940     Numerator - Packs per outer box   1	Effective projected area	0.14 m²	
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Dimensional drawing



#### Iridium<sup>2</sup> LED Large



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