



Mithra LED

BDS150 20xLED40-4S/740 PSR II DM50 PCS C

MITHRA LED, 740 neutral white, Power supply unit regulating, Safety class II, Distribution medium 50, Grey, Constant light output, Spigot for diameter 76 mm

Offering a modern interpretation of the timeless round symmetrical design, Mithra LED is suitable for use in a wide range of settings. The characteristic horizontal lines in the bowl conceal the LED engine from direct view, yet allow also direct light distribution to ensure efficacy. There is a choice between a round symmetric-distribution LED engine and an LED engine optimized for asymmetric road and street distribution. There are also two bowl finishes: one with partial internal texturing for higher vertical illuminance, and one with partial internal frosting to minimize glare. With its serene character, the affordably priced Mithra LED is ideally suited to many residential applications.

Product data

General Information			
Lamp family code	LED40 [LED module 4000 lm]	CE mark	Yes
Light source replaceable	Yes	ENEC mark	-
Number of gear units	1 unit	Warranty period	5 years
Driver included	Yes	EU RoHS compliant	Yes
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Embedded control	Constant light output
		Light Technical	
Light source engine type	LED	Upward light output ratio	0.03
Service tag	Yes	Luminous Flux	3,200 lm
Product family code	BDS150 [MITHRA LED]	Standard tilt angle posttop	0°
Lighting Technology	LED	Standard tilt angle side entry	-
Flammability mark	-	Correlated Color Temperature (Nom)	4000 K
		Luminous Efficacy (rated) (Nom)	128 lm/W

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Color rendering index (CRI)	70
Number of light sources	20
Light source color	740 neutral white
Optical cover type	Polycarbonate bowl/cover structured
Luminaire light beam spread	30° - 5° x 153°
Optic type outdoor	Distribution medium 50

Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Inrush current	46 A
Inrush time	0.25 ms
Power Consumption	25 W
Power Factor (Fraction)	0.91
Connection	Plug-in connector 2-pole Wieland/Adels compatible
Cable	-
Number of products on MCB of 16 A type B	11

Temperature

Ambient temperature range	-40 to +50 °C
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Controls and Dimming

Dimmable	Yes
Driver/power unit/transformer	Power supply unit regulating
Control interface	Analog
Constant light output	No

Mechanical and Housing

Housing Material	Polycarbonate
Reflector material	-
Optic material	Polycarbonate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Grey
Mounting device	Spigot for diameter 76 mm
Optical cover shape	Conical
Optical cover finish	Ribbed
Overall length	587 mm
Overall width	587 mm
Overall height	273 mm
Overall diameter	587 mm

Effective projected area	0.1 m²
Dimensions (Height x Width x Depth)	273 x 587 x 587 mm

Approval and Application

Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode
Protection class IEC	Safety class II

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-7%
Initial chromaticity	(0.381, 0.379) SDCM <5
Power consumption tolerance	+/-10%
Init. Color Rendering Index Tolerance	+/-2

Over Time Performance (IEC Compliant)

Driver failure rate at 5000 h	0.5 %
Control gear failure rate at median useful life 100000 h	10 %
Lumen maintenance at median useful life* 100000 h	L95

Application Conditions

Performance ambient temperature Tq	25 °C
Maximum dim level	20% (depends on dimmer, ELV)

Product Data

Order product name	BDS150 20xLED40-4S/740 PSR II DM50 PCS C
Full product name	BDS150 20xLED40-4S/740 PSR II DM50 PCS C
Full product code	871869947723300
Order code	912300024061
Material Nr. (12NC)	912300024061
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699477233
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699477233

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Dimensional drawing

