Kegel LED Small

BDS721 LED60-4S/740 PSDD II DW50 DMP BK

KEGEL LED 2015, LED module 6000 lm, LED, 740 neutral white, Power supply unit regulating, 220 to 240 V, 50 or 60 Hz, Safety class II, Distribution extra wide 50, Polycarbonate bowl/cover prismatic, Black, Luminaire surge protection level until 6 kV differential mode and 6 kV common mode, Post-top for diameter 76 mm

The Kegel luminaire family represents a timeless lighting concept, with an installed base already in excess of one million pieces. The wide range of standard mix-and-match components enables luminaire shapes to be varied to suit the specific demands of the environment while retaining the technical heart of the lantern. This modularity, in combination with dedicated optics, ensures a highly efficient solution for many lighting applications. All this wrapped up in an extremely vandal-resistant package.As part of our ongoing product development program, the popular Kegel 2000 luminaire family is now available in an energy-efficient RETROLED version. Existing Kegel luminaires can easily be upgraded to LED by means of a special RETROLED kit.

Product data

General Information		Light source engine type	LED
Lamp family code	LED60 [LED module 6000 lm]	Product family code	BDS701 [KEGEL LED 2015]
Light source replaceable	Yes	Lighting Technology	LED
Number of gear units	1 unit	CE mark	Yes
Driver included	Yes	Warranty period	5 years
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	Flammability mark	–
		ENEC mark	–

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EU RoHS compliant	Yes		**Optical cover finish**	Textured
			Overall length	620 mm
Light Technical			**Overall width**	620 mm
Upward light output ratio	0.08		**Overall height**	343 mm
Luminous Flux	4,698 lumen		**Overall diameter**	620 mm
Standard tilt angle posttop	0°		**Effective projected area**	0.302 m²
Standard tilt angle side entry	0°		**Dimensions (Height x Width x Depth)**	343 x 620 x 620 mm
Correlated Color Temperature (Nom)	4000 K			
Luminous Efficacy (rated) (Nom)	131 lm/W		**Approval and Application**	
Color rendering index (CRI)	>70		**Ingress protection code**	IP66 [Dust penetration-protected, jet-proof]
Light source color	740 neutral white			
Optical cover type	Polycarbonate bowl/cover prismatic		**Mech. impact protection code**	IK08 [5 J vandal-protected]
Luminaire light beam spread	23° - 8° x 152°		**Surge Protection (Common/Differential)**	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode
Optic type outdoor	Distribution extra wide 50			
			Protection class IEC	Safety class II
Operating and Electrical				
Input Voltage	220 to 240 V		**Initial Performance (IEC Compliant)**	
Line Frequency	50 or 60 Hz		**Luminous flux tolerance**	+/-7%
Initial CLO power consumption	36 W		**Initial chromaticity**	(0.381, 0.379) SDCM <5
Average CLO power consumption	36.5 W		**Power consumption tolerance**	+/-10%
End CLO power consumption	37.5 W		**Init. Color Rendering Index Tolerance**	+/-2
Inrush current	21 A			
Inrush time	0.225 ms		**Over Time Performance (IEC Compliant)**	
Power Consumption	36 W		**Driver failure rate at 5000 h**	0.5 %
Power Factor (Fraction)	0.98		**Control gear failure rate at median useful life 100000 h**	10 %
Connection	AC power connector C13			
Cable	–		**Lumen maintenance at median useful life* 100000 h**	L100
Number of products on MCB of 16 A type B	26			
Temperature			**Application Conditions**	
Ambient temperature range	–40 to +50 °C		**Maximum dim level**	10%
Controls and Dimming			**Product Data**	
Dimmable	Yes		**Full product code**	871869947747900
Driver/power unit/transformer	Power supply unit regulating		**Order product name**	BDS721 LED60-4S/740 PSDD II DW50 DMP BK
Control interface	DALI			
Constant light output	Yes		**Order code**	912300024056
			Numerator – Quantity Per Pack	1
Mechanical and Housing			**Numerator – Packs per outer box**	1
Housing Material	Aluminum die cast		**Material Nr. (12NC)**	912300024056
Reflector material	–		**Full product name**	BDS721 LED60-4S/740 PSDD II DW50 DMP BK
Optic material	Polymethyl methacrylate			
Optical cover material	Polycarbonate		**EAN/UPC – Case**	8718699477479
Fixation material	Aluminum		**EAN/UPC – Product/Case**	8718699477479
Housing Color	Black			
Mounting device	Post-top for diameter 76 mm			
Optical cover shape	Conical			

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Dimensional drawing

80

Ø 60-76

340

Ø 620

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2023, September 4 – data subject to change