



# Kegel LED

## BDS717 12xLED25-4S/740 PSDD DW50 DMP BK

KEGEL LED 2015, 12, LED Module 2500 lm, LED, 740 neutral white, Power supply unit with DynaDimmer, 220 to 240 V, 50 or 60 Hz, Safety class I, Distribution wide 50, Diamond pattern, Black, Luminaire surge protection level until 6 kV differential mode and 6 kV common mode, Spigot for diameter 60 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		Lighting Technology	
Lamp family code	LED25 [LED Module 2500 lm]	CE mark	Yes
Light source replaceable	Yes	Warranty period	5 years
Number of gear units	1 unit	Flammability mark	-
Driver included	Yes	ENEC mark	-
Remarks	* At extreme ambient temperatures the luminaire might automatically dim down to protect components	EU RoHS compliant	Yes
Light source engine type		Light Technical	
Light source engine type	LED	Upward light output ratio	0.08
Product family code	BDS701 [KEGEL LED 2015]	Luminous Flux	1,872 lm

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Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Correlated Color Temperature (Nom)	4000 K
Luminous Efficacy (rated) (Nom)	120 lm/W
Color rendering index (CRI)	>70
Number of light sources	12
Light source color	740 neutral white
Optical cover type	Diamond pattern
Luminaire light beam spread	23° - 8° x 152°
Optic type outdoor	Distribution wide 50

## Operating and Electrical

Input Voltage	220 to 240 V
Line Frequency	50 or 60 Hz
Initial CLO power consumption	15.6 W
Average CLO power consumption	15.8 W
End CLO power consumption	16 W
Inrush current	15 A
Inrush time	0.295 ms
Power Consumption	15.6 W
Power Factor (Fraction)	0.99
Connection	AC power connector C13
Cable	-
Number of products on MCB of 16 A type B	29

## Temperature

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

Dimmable	Yes
Driver/power unit/transformer	Power supply unit with DynaDimmer
Control interface	DALI
Constant light output	Yes

## Mechanical and Housing

Housing Material	Aluminum die cast
Reflector material	-
Optic material	Polymethyl methacrylate
Optical cover material	Polycarbonate
Fixation material	Aluminum
Housing Color	Black
Mounting device	Spigot for diameter 60 mm
Optical cover shape	Wide
Optical cover finish	Textured
Overall length	562 mm

Overall width	562 mm
Overall height	340 mm
Overall diameter	562 mm
Effective projected area	0.252 m²
Dimensions (Height x Width x Depth)	340 x 562 x 562 mm

## 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)	Luminaire surge protection level until 6 kV differential mode and 6 kV common mode
Protection class IEC	Safety class I

## 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	L100

## Application Conditions

Maximum dim level	10%
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## Product Data

Order product name	BDS717 12xLED25-4S/740 PSDD DW50 DMP BK
Full product name	BDS717 12xLED25-4S/740 PSDD DW50 DMP BK
Full product code	871869947746200
Order code	912300024055
Material Nr. (12NC)	912300024055
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718699477462
Numerator - Packs per outer box	1
EAN/UPC - Case	8718699477462

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### Dimensional drawing

