



Kegel small – timeless modular luminaire for multiple applications

Kegel Small

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 application, while retaining the technical heart of the lantern. This modularity, in combination with dedicated optics, ensures a highly efficient solution for many lighting applications. And all this wrapped up in an extremely vandal-resistant package.

Benefits

- Standardized components allow mix-and-match
- No need to change the technical heart of the lantern, thus limiting the number of spare parts that need to be held in the workshop
- Asymmetric distribution in combination with discharge lamps

Features

- Wide choice of lamp options with dedicated optics – from low to high lumen packages
- Extremely vandal-resistant
- Modular construction offering many choices yet still ensuring easy maintenance
- Quick and easy connection of the power supply cable through the plug/socket connection on the spigot

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Application

- Traffic routes: cycle paths, pedestrian crossings, roundabouts, parking areas
- Residential: streets, cycle paths and footpaths, roundabouts, squares/parks and playgrounds, parking areas
- City centers: side streets, pedestrian crossings, squares and parks, public transport, cycle paths and footpaths, parking areas
- Large outdoor areas: industrial areas, harbors, airports, waterways, rail yards

Specifications

Type	CDS701 (Kegel 2015 version)
	CDS702 (Kegel 2035 version)
	CDS703 (Kegel 2040 version)
	CDS721 (Kegel 2017 version)
	CDS722 (Kegel 2037 version)
	CDS723 (Kegel 2042 version)
Light source	Compact fluorescent:
	- 1 x or 2 x MASTER PL-L 4 Pin / 2G11 / 18, 24 W
	- 1 x MASTER PL-T 4 Pin / GX24q-3-4-5 / 26, 32, 42, 57 W
	- 1 x or 2 x PL-L-XA / 2G11 / 18, 24 W
	- 1 x PL-T/4P-XA / GX24q-3-4-5 / 26, 32, 42, 57 W
	HID:
	- 1 x SON-T PIA Plus / E27 or E40 / 50, 70, 100 W
	- 1 x SON PIA Plus / E27 / 50, 70 W
	- 1 x MASTERColour City CDO-TT / E27 or E40 / 50, 70, 100 W
	- 1 x MASTERColour CDM-T / G12 / 35, 70, 150 W
	- 1 x MASTER CosmoPolis CPO-TW / PGZ12 / 45, 60, 90, 140 W

Lamp included	Yes (lamp color 728, 827, 828, 830, 840)
	No
Ballast (integrated)	Conventional electro-magnetic (CONV-SG) (for SON lamps)
	Conventional electro-magnetic (SGR) (for SON lamps)
	Electronic, 220-240 V / 50-60 Hz:
	- Electronic (EB)
	- High Frequency (HF)
Mains voltage	- High Frequency Performer (HFP)
	- High Frequency Regulator, DALI (HFD)
	- High Frequency Regulator, 1-10 V (HFR)
Ignitor	Semi-parallel, self-stopping (ST)
	Series, self-stopping (SS)

Specifications

Optic	Symmetric (S), asymmetric (A)
Optical cover	Clear polycarbonate bowl, diamond structured (DMP)
	2040/2042 versions available with diamond (DMP) or a fine frosted (PCF) structured bowl
Cable gland	M 20
Options	Wired for cell (WFC) or mini Photocell or NEMA socket
	Class II versions
	Electronic ballast for SON-T / CDO-TT
	Dimmable versions
Material	Canopy: glass fibre reinforced polyester
	Bowl: impact resistant UV stabilized polycarbonate, clear
	Spigot: die-cast aluminum

Color	Black (RAL9005)
	Other RAL colors available on request
Maintenance	Tool-less access by lock nut and spring clip
Installation	Post-top mounting: axial entry Ø 60 (60P) or 76 (76P) mm
	Operating temperature: - 20 °C < Ta < 35 °C
	Recommended mounting height: 4-6 m
	Max SCx: 0.10-0.17 m²
Accessories	Adapter for post top Ø 60 mm (in combination with 76 mm spigot)

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Versions



KEGEL 2000 - 1 pc - MASTER PL-
L 4 Pin - Electronic - Reflector -
Polycarbonate bowl/cover - - -
Diameter 60 mm, posttop
decorative



KEGEL 2000 - 1 pc - MASTER
SON-T PIA - Electronic regulating
DALI - Reflector - Polycarbonate
bowl/cover - - - DALI - Diameter
76 mm, posttop decorative

Approval and Application

Mech. impact protection code	IK08
Surge Protection (Common/ Differential)	-

Controls and Dimming

Dimmable	No
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General Information

Luminaire light beam spread	-
CE mark	CE mark
Light source color	-
Optical cover/lens type	Polycarbonate bowl/cover
Flammability mark	-
Number of gear units	1 unit
Number of light sources	1 pc
Optic type	Reflector
Product Family Code	CDS711

Initial Performance (IEC Compliant)

Init. Corr. Color Temperature	- K
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Light Technical

Standard tilt angle side entry	-
Standard tilt angle posttop	0°
Upward light output ratio	0.03

Mechanical and Housing

Color	Black
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Application Conditions

Order Code	Full Product Name	Maximum dim level
912300024064	CDS701 1XPL-L24W HFP S DMP BK LV 60 L30	-
912300024066	CDS701 1XSON-TPP70W EB PSU A DMP BK 76 L	50%
912300024072	CDS721 1XSON-TPP70W EB PSU S DMP BK 76 L	50%

General Information

Order Code	Full Product Name	Lamp family	
		Gear	code
912300024064	CDS701 1XPL-L24W HFP S DMP BK LV 60 L30	EB	PL-L
912300024066	CDS701 1XSON-TPP70W EB PSU A DMP BK 76	EBD	SON-TP
L			

Order Code	Full Product Name	Lamp family	
		Gear	code
912300024072	CDS721 1XSON-TPP70W EB PSU S DMP BK 76	EBD	SON-TP
L			

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