

1537 - Koala - COB - DIP SWITCH

Code: 431828-68



Restyling of the classic garden spotlight with a slender shape. The LED in outdoor lighting is now a guarantee for quality with the advantage of significant energy savings. In the LED version, Koala ensures excellent colour rendering that guarantee perfect, homogeneous light, especially for the lighting of monuments or building façades. Carefully designed for maximum efficiency and durability. Available with multiple accessories and in three colours: silver, graphite, corten.



GENERAL INFORMATION

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DIMENSIONS AND WEIGHT

Height (mm)	196 mm
Diameter (Ø) (mm)	127 mm
Weight (Kg)	0.8 kg

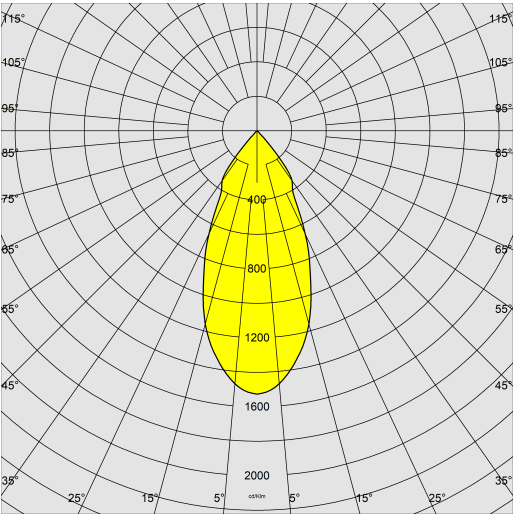
ELECTRICAL CHARACTERISTICS AND CONTROLS

Voltage type	AC
Min Voltage (V)	220 V
Max Voltage (V)	240 V
Min Frequency (Hz)	50 Hz
Max Frequency (Hz)	60 Hz
Frequency (Hz)	50 Hz
Wiring name	CLD
Power factor	≥0.9
Insulation class	Class II
Controllability	None

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PHOTOMETRIC DATA



Lighting source	LED COB
CRI	90
Luminous flux (output) (lm)	1565 lm
Power absorption (total) (W)	15 W
CCT	4000 K
Luminous efficacy (lm/W)	104 lm/W
Beam angle	46 °
LED flux maintenance	50000 hr, L 70, B 50

MECHANICAL CHARACTERISTICS

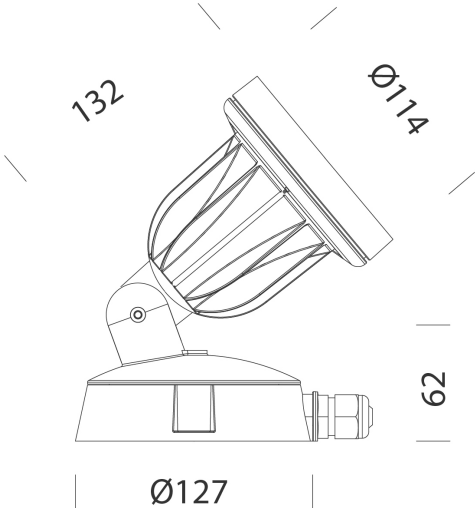
Impact resistance rating (IK)	IK08
IP	65



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MATERIALS AND COLOURS



Housing	in die-cast aluminium with cooling fins integrated in the cover.
Optics	in high-performance metallised polycarbonate.
Diffuser	screen-printed, tempered glass.
Coating	the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint.
Special coating (UPON REQUEST)	Upon request: protective coating recommended for marine environments within 5 km (3 miles) of the sea.
Colour	Grey
Equipment	cable gland diam. 3/8.
Luminous flux maintenance 70%: 100.000h (L70B50) o luminous flux maintenance 90%: 50.000h (L90B10).	

STANDARDS AND COMPLIANCE

Photobiological safety class	RG0 Ethr
Markings and tests	CE
Reference standards	EN60598-1. They have a degree of protection according to the EN60529 standard.
Energy Label	E

WARRANTY

After sales warranty	3 yr
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DOWNLOAD

- MOUNTS
- AssemblyInstructions koala 01-26.pdf
- DESIGNS
- BIM 1537 Koala - COB - 20200611.zip
- TechnicalDrawing 1537di.dxf

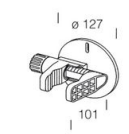


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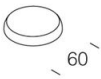
Code	Wtot	mA LED	K - ølm - CRI - degrees
431828-00	10	250	3000K - 1100lm - CRI 90 - 46°
431828-00	13	300	3000K - 1310lm - CRI 90 - 46°
431828-00	15	350	3000K - 1490lm - CRI 90 - 46°
431828-00	17	400	3000K - 1680lm - CRI 90 - 46°
431829-00	10	250	3000K - 1100lm - CRI 90 - 46°
431829-00	13	300	3000K - 1310lm - CRI 90 - 46°
431829-00	15	350	3000K - 1490lm - CRI 90 - 46°
431829-00	17	400	3000K - 1680lm - CRI 90 - 46°
431828-68	10	250	4000K - 1155lm - CRI 90 - 46°
431828-68	13	300	4000K - 1375lm - CRI 90 - 46°
431828-68	15	350	4000K - 1565lm - CRI 90 - 46°
431828-68	17	400	4000K - 1765lm - CRI 90 - 46°
431829-68	10	250	4000K - 1155lm - CRI 90 - 46°
431829-68	13	300	4000K - 1375lm - CRI 90 - 46°
431829-68	15	350	4000K - 1565lm - CRI 90 - 46°
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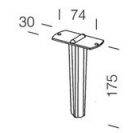
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118 Terminal



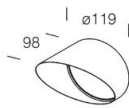
115 Pole cap



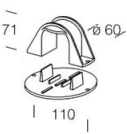
119 Spike



116 Angle support



114 Conveyor



120 Pole support