LED circular up light

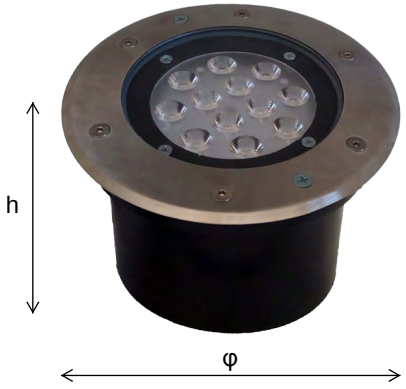
For decorative outdoors building and landscape lighting



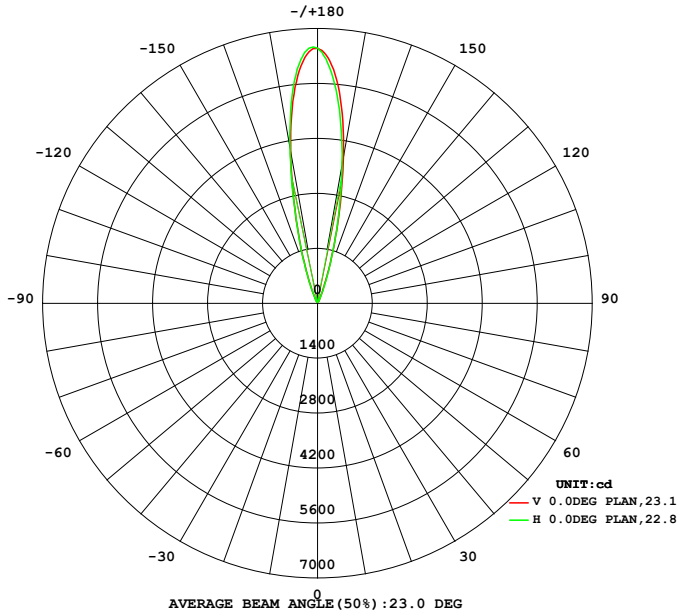
LED offers an optimum solution for up light, since it offers better efficacy than conventional solutions along with a wide range of white color shades and powers. Lenses enable a narrow beam that can cover heights up to 20 meters with beautiful artistic effect. Features separate fixation screws rather than using assembly screws, thus ensuring that water tight performance is not affected by installation.

12W 140Lm/W 3000-6000°K IP67

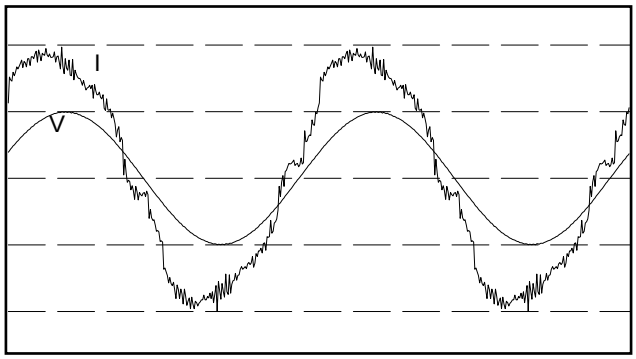
Physical	
Mass	1.75kg
Dimensions	φ180mm*h110mm
Body	Stainless steel ring, Die cast aluminum heat sink, ABS outer shell
Diffuser	Clear glass, tempered,12mm thickness
Protection	IP67, IK08
Mounting	Ground recessed ABS cylinder
Photometric	
Light Source	SMD LEDs
Efficacy	140 Lm/W
LOR	0.76
Spread angle	23° (Symmetrical)
Spectrometric	
CCT	3000-6000°K
CRI	85
Electrical	
Power supply	220VAC, 50Hz
Power	12W
Current	0.059 A (RMS)
Power Factor	0.967
THDI	11.1%



Polar radiation distribution



Electrical oscilloscopy



Art. no.	Type	Power	CCT
ZD-SMD012230-- ZD-SMD012240-- ZD-SMD012260--	LED circular up light LED circular up light LED circular up light	12W 12W 12W	3000°K 4000°K 6000°K

Owing to the special nature of application (water flooding possible) it is strongly recommended to supply this product through Earth fault/ leakage protected supply as per national code.

Sources for software simulation for installation (*.IES, *.LDT files) and advanced test results are available on request
Performance described above requires proper installation according to internationally recognized codes and within mentioned operational limitations.
Any properties not directly affecting photometric, spectrometric or electrical performance are liable to change without prior notice.

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