



LED Down Light

Product feature

- Revolution in modern lighting technology
- 120° beam angle enhances surroundings beauty
- Compact design for home offices
- Durable isolated constant current driver
- Solid state instant start technology
- Up to 85% energy saving
- Eco-friendly mercury and lead free

WARRANTY
5 YEARS

Specification

Models	Power	Dimension(mm)	Net Weight
CR-LO3-18W-DL	18W	Ø152xD95xH30	350 gm

Product Information

LED Light Housing	1 unit	LED Driver	Crest (Lifud)
Light Source Replacable	Yes	Light Type	SMD
Warranty Period	5 years		

Electrical Parameters

Input Voltage	220 ~ 240 VAC / 198 ~ 264 VAC	Frequency	50 or 60 Hz
Power Factor	≥ 0.9 @220VAC	THD%	≤ 20%
Isolated	Yes	Flicker Free	Yes
SPD Internal	1.5 KV	SPD External	N/A

Product Technical Specification

LED Source		CRI	≥ 80
Luminous Efficacy	≥ 120 Lm/W	Ambient Temperature Range	-20...+40°C
Beam Angle	120°	Protection Class IEC	Safety Class I
Suitable for Random Switching	No		

Controls and Dimming

Dimmable	Optional	Driver Type	(On/Off)
Dimmable Type	Triac Dimming (Trailing & Leading Edge), PWM 0-10V/ Dali Interface, Optional		

Product Housing

Housing Material	Die Cast Aluminium	Reflector Material	PS Cover
Optic Material	PS	Housing Color	White
IP	IP20	IK	N/A

Initial Performance

Power Consumption Tolerance	+/-10%	Luminous Efficacy Tolerance	+/-10%
SDCM	≤ 5		

Over Time Performance

Driver Failure Rate at 5000h	2%	Life $_{85^{\circ}\text{C}}^{@Tj}$	50,000 hour(s) [L80]
Useful Life	≥ 100,000 hour(s)		

Product Data

Color Temperature	3000K(WW) / 4000K(NW) / 5000K(DL) / 6500K(CW)	Quantity Per Pack	1
Quantity Per Outer Pack	1		

Standards and Approval

Safety Test	Yes	IEC Approved	Yes
Standard	IEC (60598-2-2)		