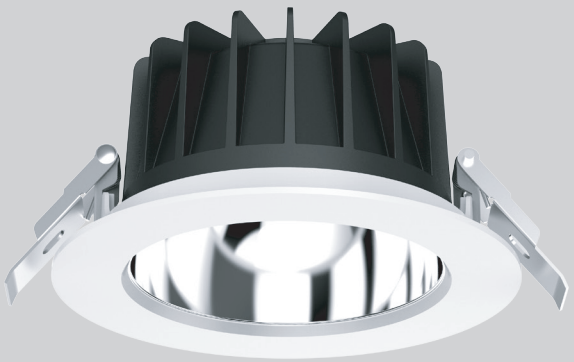
SPECIFICATION

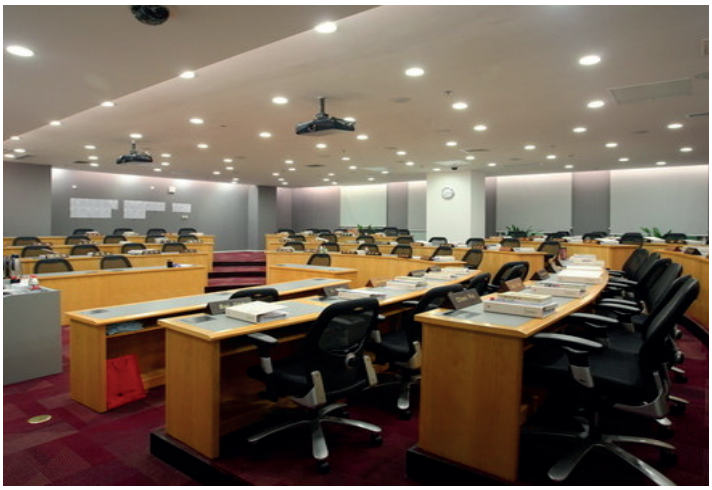


LED Downlight

DL179 SERIES

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Introduction



DL179 LED downlight with traditional deep reflector that provides perfect combination of high lighting efficiency, comfortable lighting and humanization design, without compromising on lighting performance (color rendering and color uniformity).

Features

1. Die-casting housing provides excellent heat dissipation performance.
2. A perfect alternative to traditional recessed luminaries.
3. Triac dimmable.
4. High Lumen 110lm/W
5. L70 50 000hrs

Application Areas

It is designed for general lighting applications in office, supermarket, shop, school, hotel, etc. It is also widely used for public areas, such as stairway, lobby, reception, corridors etc.

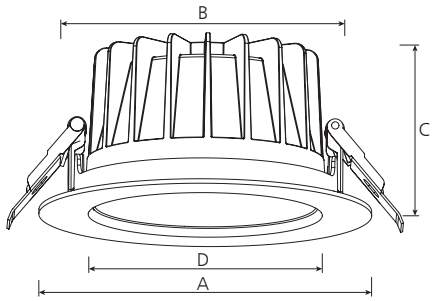


Bright silver reflector



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Germiston: 011 418 9600 | Cape Town: 021 510 0710 | Pinetown: 031 700 4215 | Riverhorse: 031 492 4800

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Measurement

Model	Dimension(mm)				Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)
	A	B	C	D		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN	
3"	110	86	54	69	Ø110*54	0.265	0.345	9.5	14	48.5*37*29.5
4"	145	120	78	102	Ø145*78	0.455	0.555	8.2	11.5	50*34*38.5
6"	172	145	90	127	Ø172*90	0.665	0.8	8	11.1	59*40*23.5

Technical Data Sheet (1)

Model No.	UP-DL179-10W-*	UP-DL179-18W-*	UP-DL179-25W-*
Watt(W)	10W	18W	25W
Dimension(mm)	Ø110*54	Ø145*78	
Cutout(mm)	Ø90-95	Ø125-135	
Rated Input Voltage(V)	AC230V		
Input Voltage(V)	AC200-240V		
LED	SMD		
SDCM	<6		
CCT(K)	3000K / 4000K / 5000K		
Luminous Flux (lm) ±5%	900lm	1950lm	2250lm
lm/W	90lm/W	108lm/W	90lm/W
CRI	≥80		
Beam Angle (°)	80°		
LED Driver	Built-out		
DIM	Yes		
CCT Selection Switch	No		
Protection Class	Class II		
IP Rating	IP54		
IK Rating	IK06		
Finishing color	White RAL 9016		
Material	PC / Aluminium		
Lifetime (hr)	50,000		
Glow wire test (°C)	850°C		
Operating Temp.(°C)	-20°C ~45°C		
Storage Temp.(°C)	-20°C ~65°C		
Installation	Recessed		

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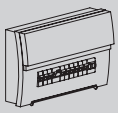
Driver Datasheet (Triac Dimmable)

Power	10W	18W	25W
Rated Input Voltage(V)	AC230V		
Frequency	50Hz		
Input Voltage	AC200-240V		
Power Factor	0.9		
Efficiency	82%	85%	85%
Total load wattage	10W±1W	18W±1W	25W±5%
Rated Input Current	≤0.06A	≤0.1A	≤0.14A
Full load output voltage	DC23-40V	DC23-40V	DC23-40V
Rated output current	230mA	430mA	600mA
Output current range	230mA±5%	430mA±5%	600mA±5%
Power tolerance	±5%		
Current output tolerance	±5%		
Dimming Range	8%-100%		
Short circuit protection	PASS		
Over voltage protection	PASS		
Over temperature protection	PASS		
THD	<20% @ 230V		
Surge	500V	1KV	
Withstand voltage	AC3750V		

Installation Procedure

WARNING

1.Switch off before installation.
2.Switch on only after complete installation and examination of the circuit.
3.Professional electrician for installation and maintenance only.

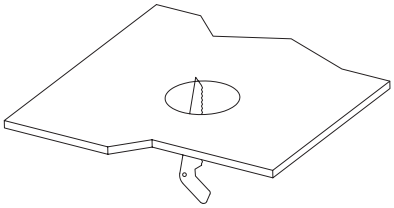




Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

Installation

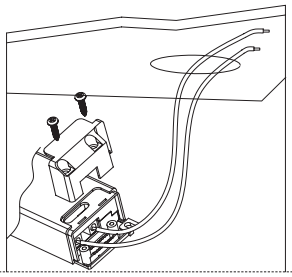
Step 1



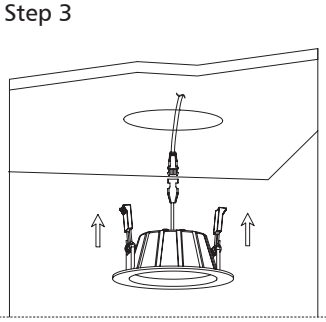
Open a hole according to the cutout size of led downlight.

Step 2

Use screw-driver to open the driver terminal cover, feed the main AC wire L. N. in terminal block respectively, then fix the cover back.



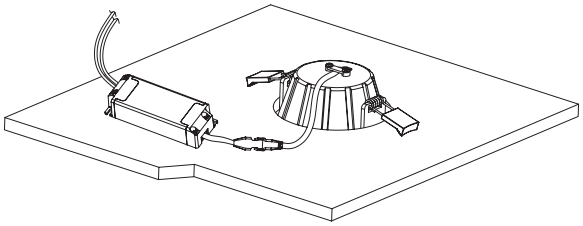
Step 3





Connect the downlight with driver, hold back the spring clip then push the downlight into the hole.

Step 4



Connect the downlight with driver, hold back the spring clip then push the downlight into the hole.

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