

LED Downlight

DL191 / DL192





Introduction

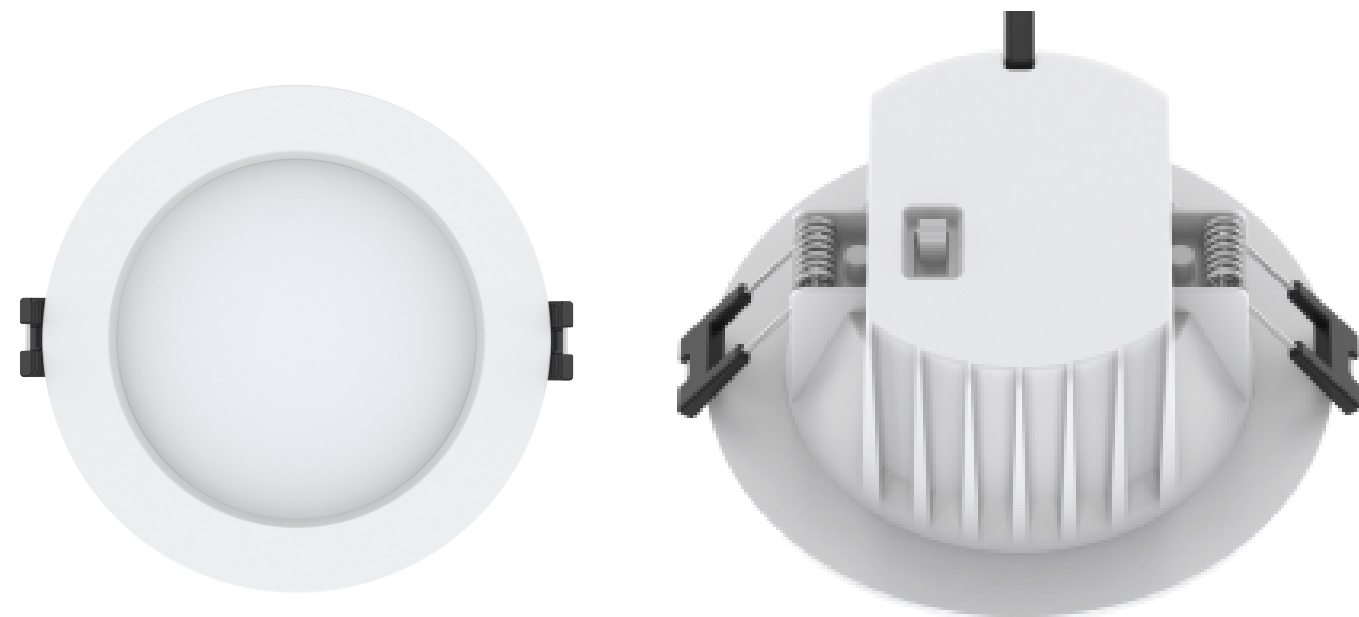
SMD LED Down light adopts high lumen SMD LED, PC diffuser with even light output. Plastic coated aluminum housing with internal driver design; it is economical and practical downlight version. Dimmable driver shares great popularity by the excellent dimming effect.

Features

- Type A is concave and Type B is flat
- IP54 waterproof in front.
- Interchangeable CCT(3000/4000/5700k) with slide switch.
- Triac dimming.
- Compact design, built-in driver.

Application Areas

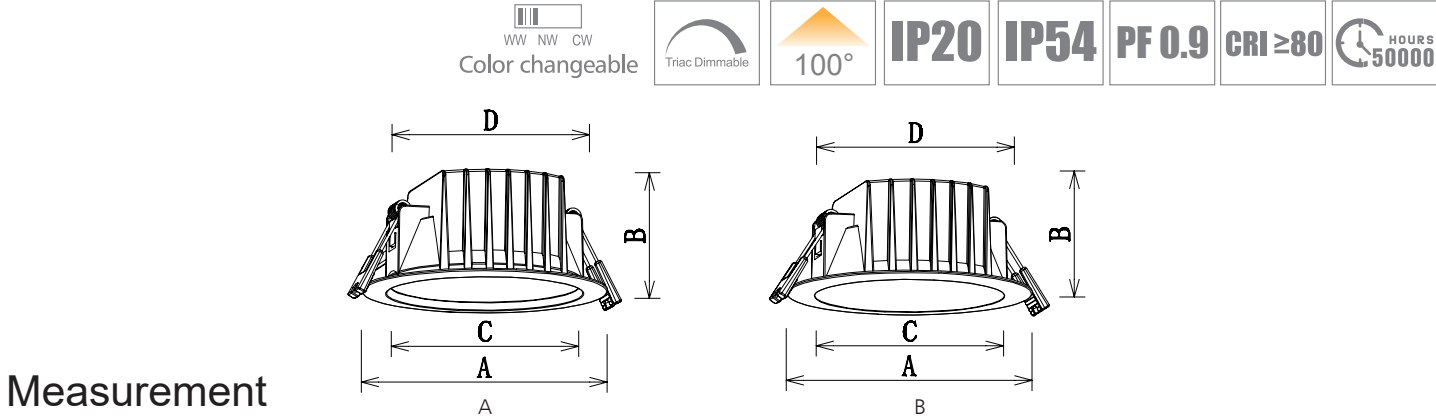
It is designed for general lighting applications in office, supermarket, shop, school, hotel, etc. It is also widely used for public areas, such as stairway, lobby, reception, corridors etc.





Technical Data Sheet

Code No.			DL192-3-10W	DL191-3-10W
Dimension(mm)			Ø115*50.5	Ø115*44.5
Cutout (mm)			Ø90-95	
Watt(W)			10W	
Rated Input Voltage(V)			AC230V	
Input Voltage(V)			AC200-240V	
LED Module Input			-	
Light Source			2835 SMD	
SDCM			<6	
CCT(K)			1-CCT: 3000K/4000K/5000K/5700K 3-CCT: 3000K + 4000K + 5700K	
CCT Selection DIP Switch			YES	
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	-	
	DIM		660-720	660-720
	Non-DIM	3-CCT	-	
	DIM		660-800	660-800
CRI			≥80	
Beam Angle (°)			100°	
UGR			-	
LED Driver			Built-in	
Dimming Option			Triac	
Sensor			-	
Emergency Kits			-	
Electrical Class			Class I I	
Ingress Protection (IP Rating)			IP20 (for other part) / IP54 (only for the LED cover)	
Impact Resistance (IK Rating)			-	
Product Finishing(Base)			White RAL 9016	
Materials of Optics			PC	
Materials of Housing			PA6	
Lifetime (hr)			50,000h	
Glow wire test (°C)			750°C	
Operating Temp. (°C)			-20°C ~40°C	
Storage Temp. (°C)			-20°C ~65°C	
Installation			Recessed	



Measurement

Code	Dimension(mm)				Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/ CTN	20GP (pcs)	40HQ (pcs)
	A	B	C	D		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
DL192-3-10W	115	50.5	81	86	106*48	0.18	0.23	8.2	12.3	39.5*39.5*31	45	22050	52200
DL191-3-10W	115	44.5	81	86	106*44.5	0.16	0.21	7.2	11.5	39.5*39.5*31	45	22050	52200

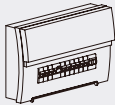
Driver Datasheet (Triac Dimmable)

Total load wattage		10W
Output	Output Voltage range	DC55-65V
	Rated output current	115mA
	Line Regulation	±5%
	Setup, Rise Time	<0.5S
	Flickering Index	-
Input	Input Voltage	AC200-240V
	Rated Input Voltage(V)	AC230V
	Frequency	50HZ
	Input Current	0.05A
	Rated Input Current	0.04A
	Power Factor	≥0.9
	THD	-
	Efficiency	≥80%
	No load wattage	<0.5W
	Protection	Short circuit protection
Over voltage protection		PASS
Over temperature protection		PASS
Safety &EMC	Withstand voltage	-
	Isolation Resistance	-
	Surge	IEC/EN61000-4-5(P<25W; L-N:500V)
	EMC Emission	EN55015, EN61000-3-2
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547

Installation Procedure

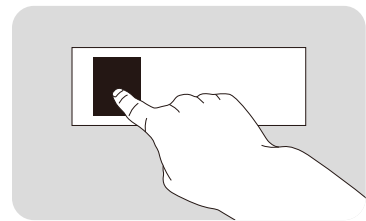
WARNING ⚡

- 1.Switch off power supply before installation / maintenance.
- 2.Switch on only after complete installation and examination of the circuit.
- 3.Professional electrician for installation and maintenance only.
- 4.Input wire diameter ≥0.75mm²;
- 5.Product modification and improper installation are not valid for warranty!
- 6.Light source of the luminaire is non-user-replaceable, if it is damaged, the luminaire shall be destroyed.
- 7.Warning-risk of overheating or fire if the clearance distances are compromised!

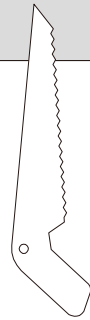


CAUTION
Risk of electric shock

Downlight with plug

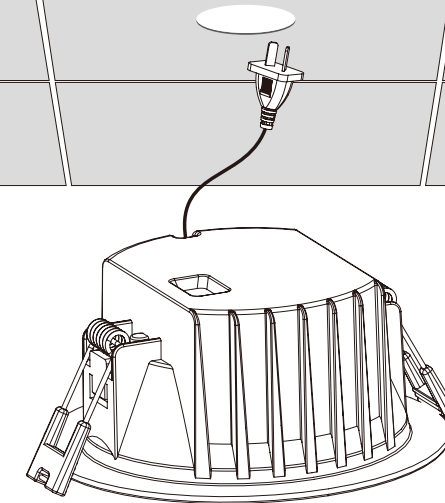


select preferred colour
temperature for product in
CCT change function only

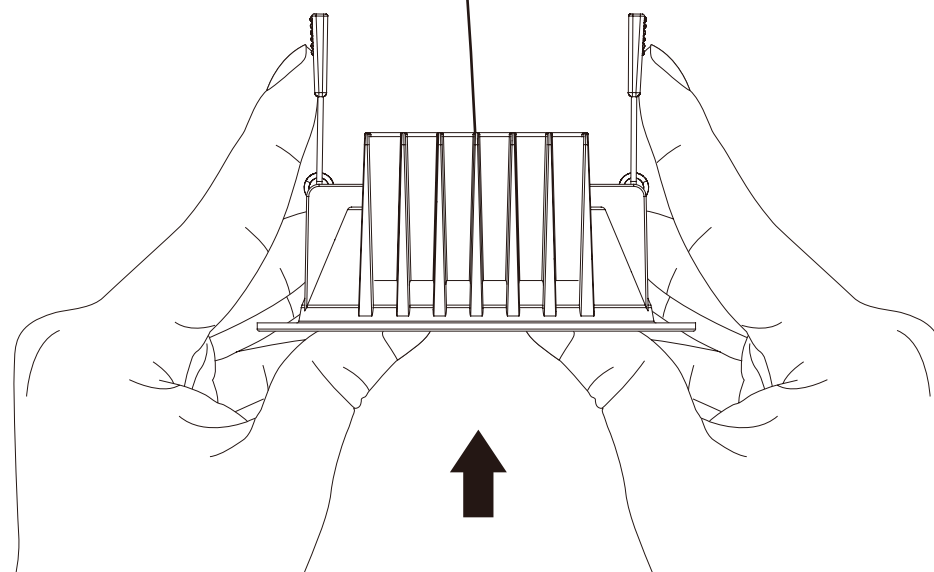
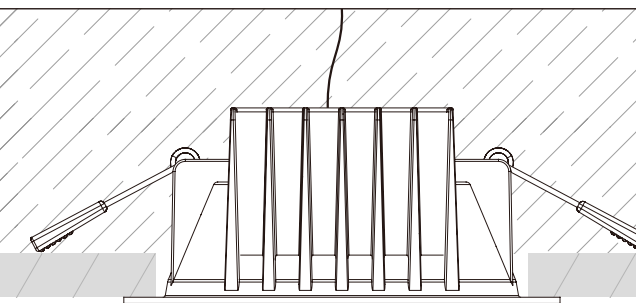


Cutout (refer to
cutout table)

1 2



Connect power supply



3 4

COMPLETE