

LED Value Downlight



Application:

- Corridors
- Entrances
- Foyers
- Stairwells
- Elevators

Product	Lumen	Watt.	CCT	Cut-Out
LEDVALUE DL 10.5W/830	900	10.5	3000	6inch
LEDVALUE DL 10.5W/840	950	10.5	4000	6inch
LEDVALUE DL 10.5W/865	950	10.5	6500	6inch
LEDVALUE DL 15.5W/830	1300	15.5	3000	8inch
LEDVALUE DL 15.5W/840	1400	15.5	4000	8inch
LEDVALUE DL 15.5W/865	1400	15.5	6500	8inch

Product Benefit

- Easy to connect thanks to 20cm wire provided.
- Uniform illumination
- Direct connection to AC power supply thanks to integrated control gear
- Class II Luminaire for indoor use.
- Mercury-free and RoHS compliant
- Type of protection: IP20
- Offers in 3 different colors to fulfill different application needs. (3000K/4000K/6500K)
- Lifetime: up to 15,000 h (L70/B50)
- Best in Class color consistency: SDCM 6
- Color Rendering: > 80
- Beam angle: 100



¹ Typical values. All the technical parameters apply to the entire luminaire. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.

² The average lifetime of LED Luminaire is defined as the number of hours when the light output of 50% of a large group of identical lamps goes below 70% of its initial luminous flux (L70B50, IEC62612). The lifetime is estimated at room temperature (25° C), free air burning, base up burning position and at rated voltage.



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Product specifications

Product description	Lumen [lm] ¹	Beam Angle ³	Power [W]	Color	Voltage[V]/ Frequency[Hz]
LEDVALUE DL 10.5W/830220-240V10X1 OSRAM	900	100 °	10.5	Warm-White	220 - 240 V 50 / 60 Hz
LEDVALUE DL 10.5W/840220-240V10X1 OSRAM	950	100 °	10.5	Cool-White	
LEDVALUE DL 10.5W/865220-240V10X1 OSRAM	950	100 °	10.5	Daylight	
LEDVALUE DL 15.5W/830220-240V8X1 OSRAM	1300	100 °	15.5	Warm-White	
LEDVALUE DL 15.5W/840220-240V8X1 OSRAM	1400	100 °	15.5	Cool-White	
LEDVALUE DL 15.5W/865220-240V8X1 OSRAM	1400	100 °	15.5	Daylight	

Common Characteristics

Product Type	Average Lifetime ²	Switching Cycles	Casing Material	Starting Time	Warm up time (For 60% light)
LEDValue DL 10.5W	15,000 hrs	100,000	Plastic	<0.5s	<0.5s
LEDValue DL 15.5W	15,000 hrs	100,000	Plastic	<0.5s	<0.5s

Product Type	Tc Temperature	CRI	Mercury Max.	Lamp Current	Inrush Current
LEDValue DL 10.5W	70°C	> 80	0.0 mg	86 mA	7.5 A
LEDValue DL 15.5W	60°C	> 80	0.0 mg	125 mA	9.3 A

Ordering guide

Cut-Out	Product description	IC	EAN10	EAN40	Shipping Unit
6inch	LEDVALUE DL 10.5W/830220-240V10X1 OSRAM	AB450770055	4052899405684	4052899405691	10
6inch	LEDVALUE DL 10.5W/840220-240V10X1 OSRAM	AB450780055	4052899405707	4052899405714	10
6inch	LEDVALUE DL 10.5W/865220-240V10X1 OSRAM	AB450790055	4052899405745	4052899405752	10
8inch	LEDVALUE DL 15.5W/830220-240V8X1 OSRAM	AB450800055	4052899405769	4052899405776	8
8inch	LEDVALUE DL 15.5W/840220-240V8X1 OSRAM	AB450810055	4052899405806	4052899405813	8
8inch	LEDVALUE DL 15.5W/865220-240V8X1 OSRAM	AB450820055	4052899405868	4052899405875	8

³ The value of beam angle is based on C0/C180 average beam angle (50% I_{max})

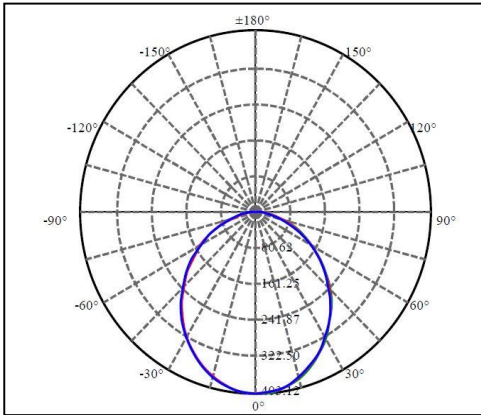
³ The Tc is defined as the highest permissible temperature which may occur on the outer surface of the LED lamp (in the indicated position) under normal operating conditions and at the rated voltage/current/power or the maximum of the rated voltage/current/power range (DIN EN 62031: 2009-01)



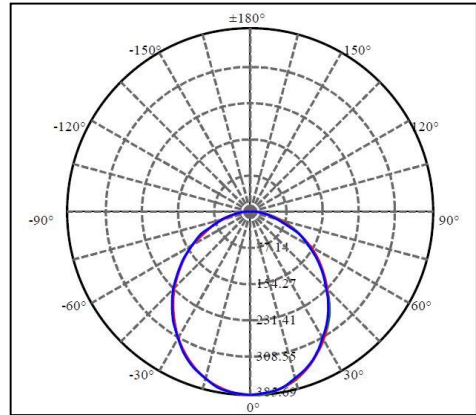
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Light Distribution

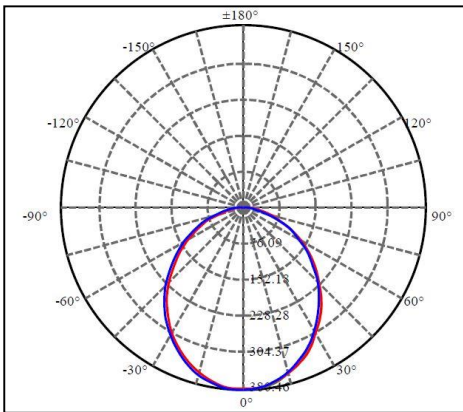
LED Value Downlight 6 inch 3000K Beam Angle



LED Value Downlight 6 inch 4000K Beam Angle



LED Value Downlight 6 inch 6500K Beam Angle

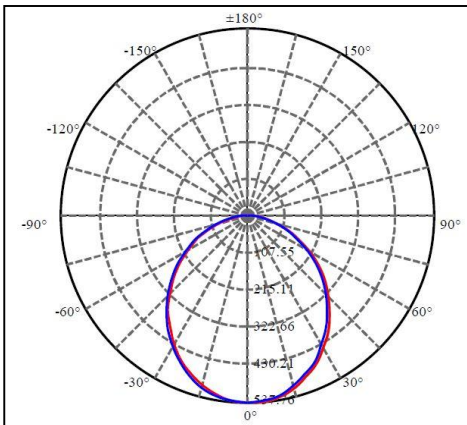




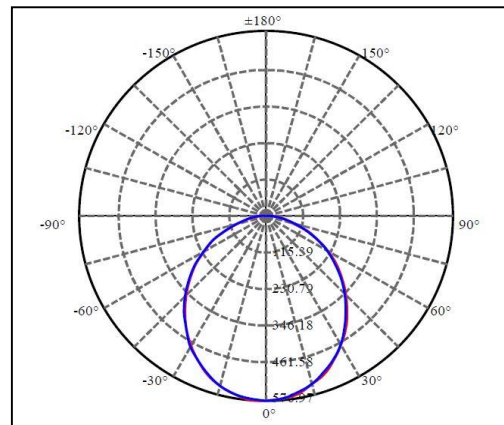
LED Value Downlight

Light Distribution

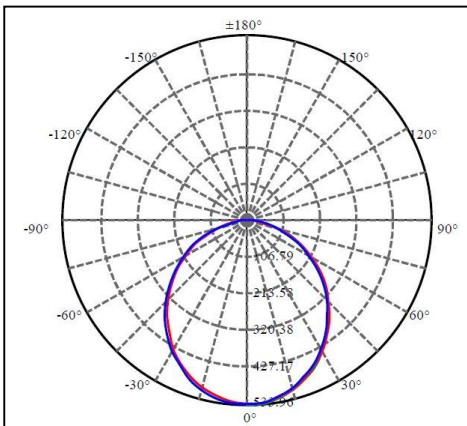
LED Value Downlight 8 inch 3000K Beam Angle



LED Value Downlight 8 inch 4000K Beam Angle



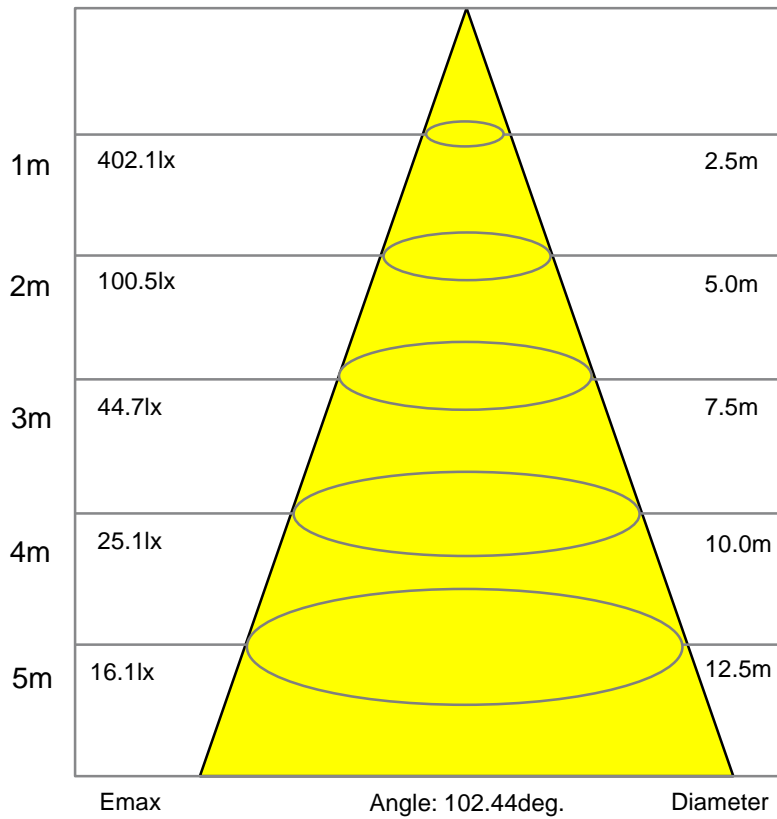
LED Value Downlight 8 inch 6500K Beam Angle



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Cone Carve Diagram

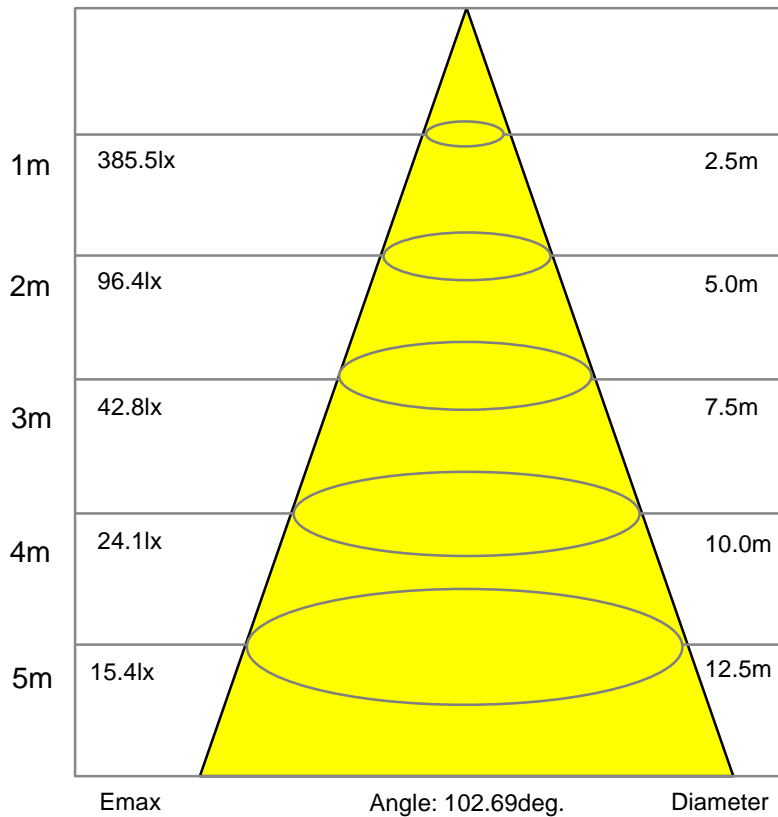
LED Value Downlight 6inch 10.5W 3000K



LED Value Downlight

Cone Carve Diagram

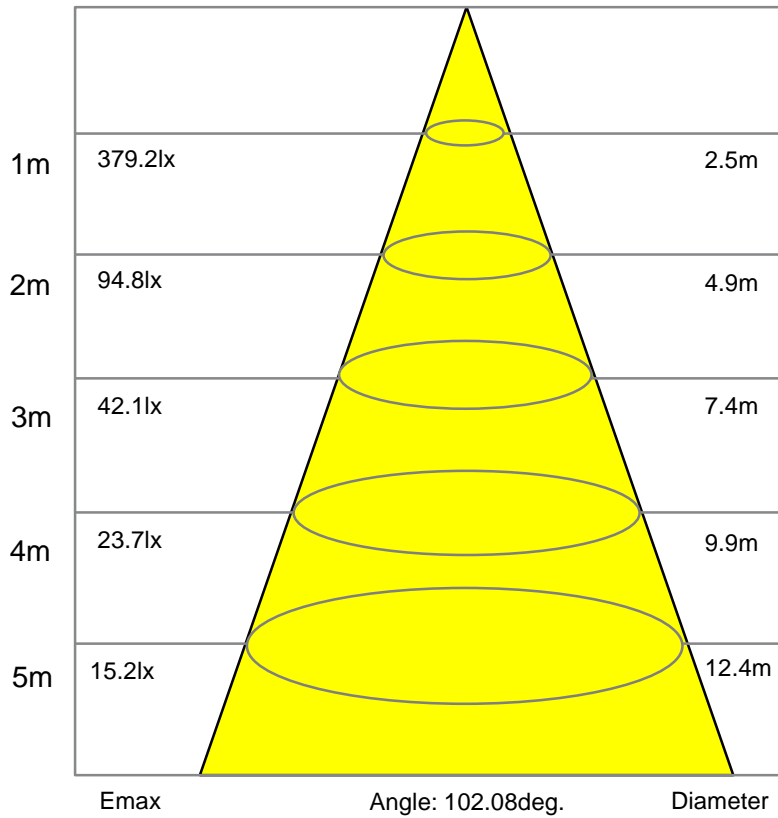
LED Value Downlight 6inch 10.5W 4000K



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Cone Carve Diagram

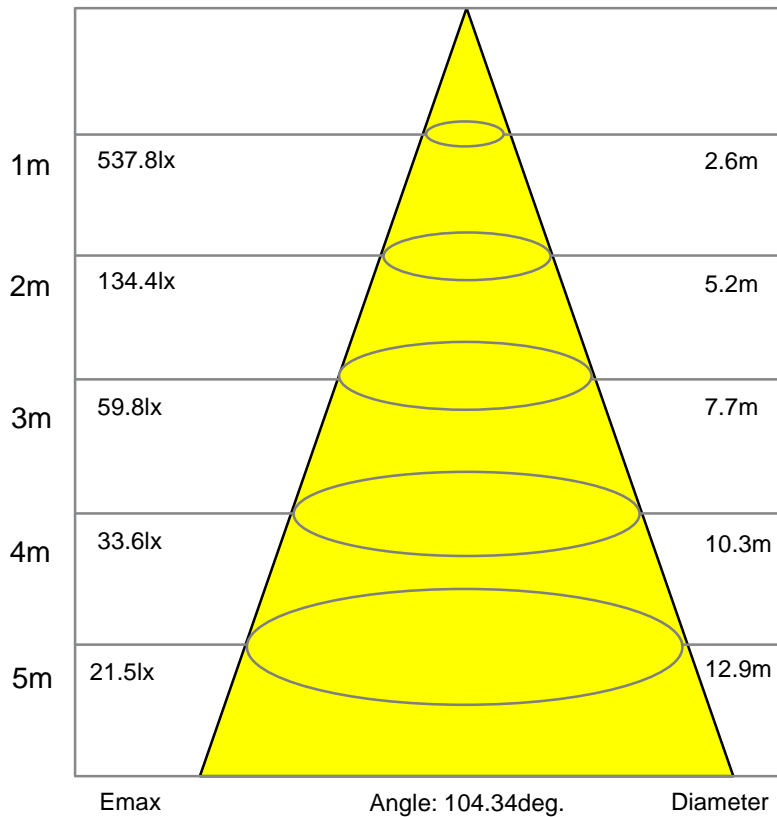
LED Value Downlight 6inch 10.5W 6500K



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Cone Carve Diagram

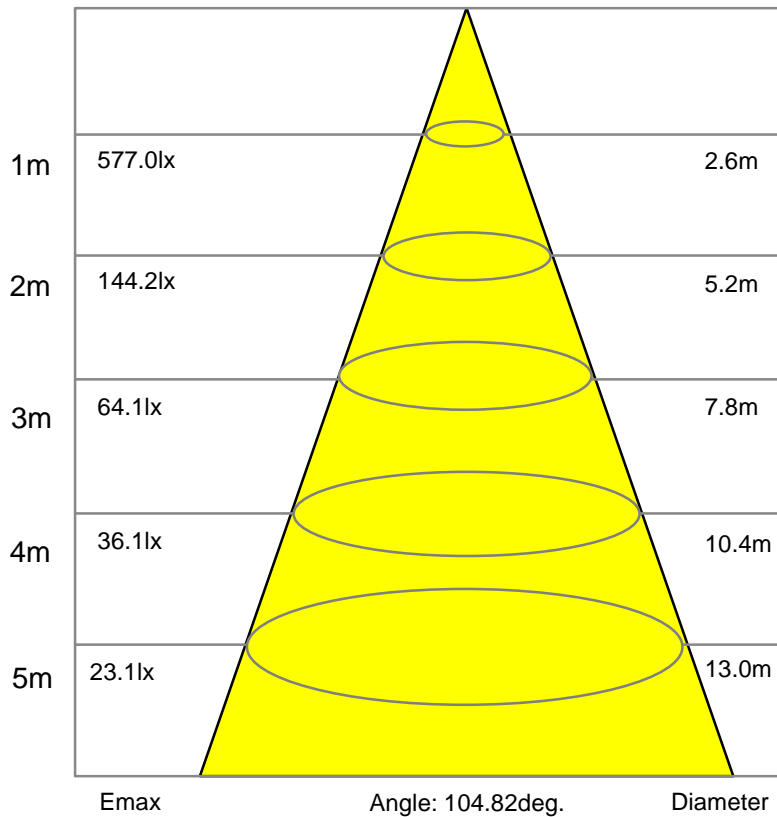
LED Value Downlight 8inch 15.5W 3000K



LED Value Downlight

Cone Carve Diagram

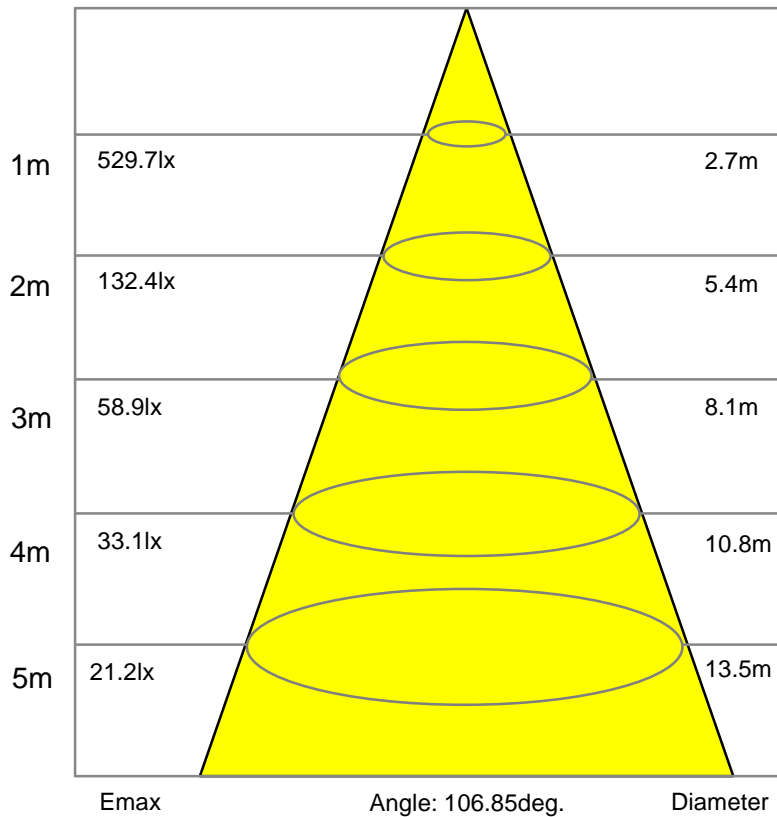
LED Value Downlight 8inch 15.5W 4000K



LED Value Downlight

Cone Carve Diagram

LED Value Downlight 8inch 15.5W 6500K

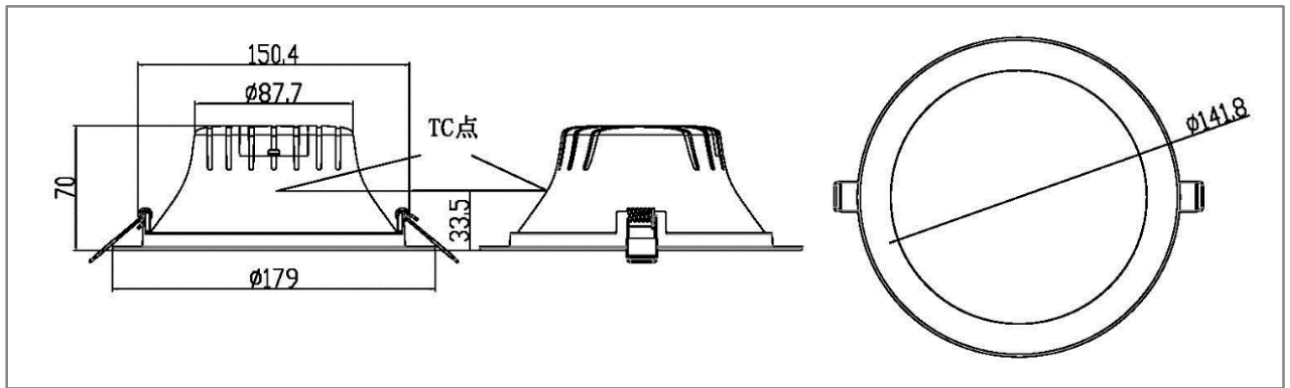


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Mechanical & Electrical Specifications

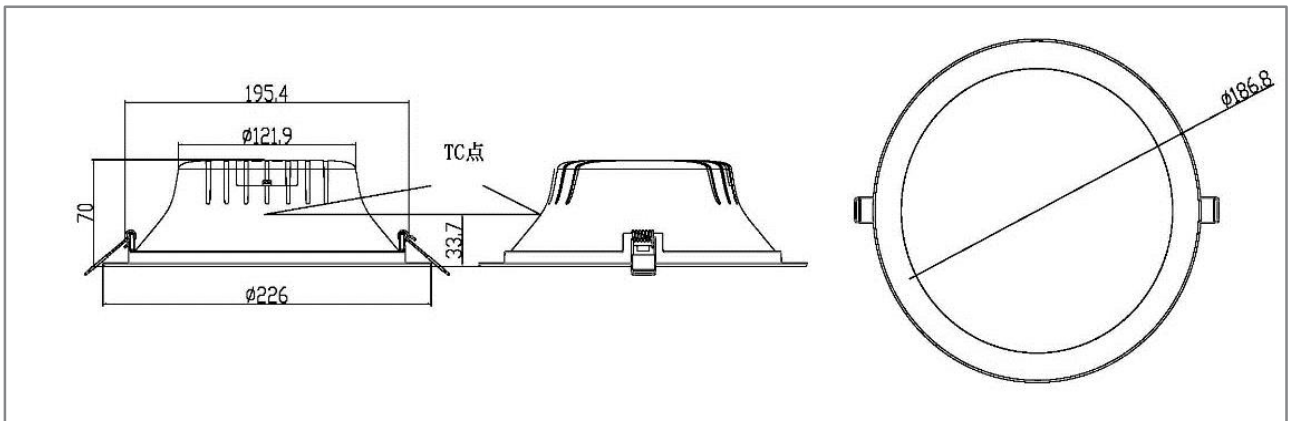
6 inch

Cut-Out Range:
155-165mm



8 inch

Cut-Out Range:
200-210mm

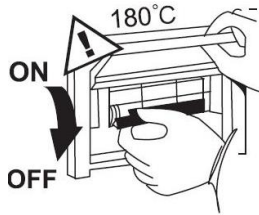


³ The Tc is defined as the highest permissible temperature which may occur on the outer surface of the LED lamp (in the indicated position) under normal operating conditions and at the rated voltage/current/power or the maximum of the rated voltage/current/power range (DIN EN 62031: 2009-01)

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Installation Guideline

1. Disconnect mains power before assembly.



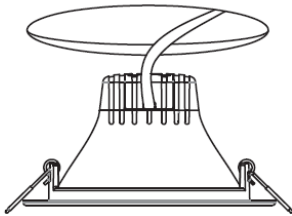
2. Cut a hole in the ceiling based on below size. (Cut out size refer to below range)



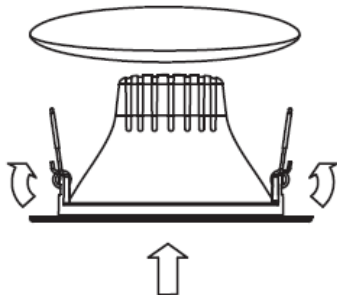
Cut-Out Range:
155-165mm

Cut-Out Range:
200-210mm

3. Connect the lamp power cord with mains power supply cord.
Kindly Reminder:
A. Make sure the connection of the power cord and fixed wiring follows the IEC 60598-1 or GB 7000.1.
B. Ensure that there is no thermal insulation and check below minimum insulation clearance, where applicable.



4. Push the spring upward, sufficiently lift the down light so that the spring can be inserted into the ceiling.





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Warnings

- If the external flexible cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
- Terminal Block not included. Installation may require advice from a qualified person.
- Luminaires not suitable for covering with thermally insulating material.
- This product must be installed by a licensed electrician, and installation should follow national installation rules.
- Indoor use only.
- LED module should not be replaced.
- This product is inappropriate to install on the wall.

Lamp conformity

- IEC 60598-1 (ed.7) Luminaires - Part 1: General requirements and tests
- IEC 60598-2-2(ed.3) Luminaires-Part 2-2: Particular requirements - Recessed luminaires
- IEC 61347-1(ed.2);am1;am2: Lamp controlgear –Part 1: General and safety requirements
- IEC 61347-2-13(ed.2): Lamp controlgear-Part 2-13:Particular requirements for d.c. or a.c. supplied electronic controgear for LED modules
- IEC 62031(ed.1);am 1; am2: LED modules for general lighting - Safety specifications
- IEC 62471(ed.1): Photobiological safety of lamps and lamp systems-
- IEC 62493(ed.1): Assessment of lighting equipment related to human exposure to electromagnetic fields