LED Value Downlight

2.5inch

4inch

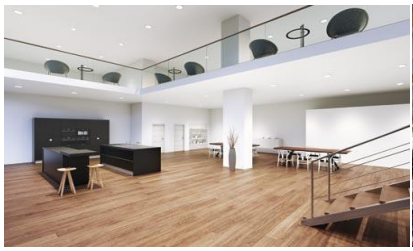
Application:

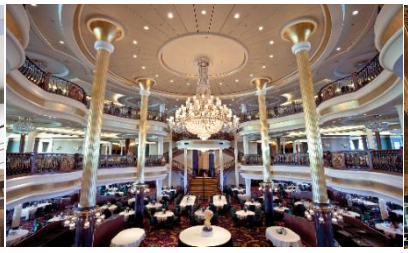
- Corridors
- Entrances
- Foyers
- Stairwells
- Elevators

Product	Lumen[1]	Watt.	CCT	Cut-Out
LEDVALUE DL 3.3W/830	250	3.3	3000	2.5inch
LEDVALUE DL 3.3W/840	260	3.3	4000	2.5inch
LEDVALUE DL 3.3W/865	260	3.3	6500	2.5inch
LEDVALUE DL 6.5W/830	500	6.5	3000	4inch
LEDVALUE DL 6.5W/840	520	6.5	4000	4inch
LEDVALUE DL 6.5W/865	520	6.5	6500	4inch

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)[2]
- 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 3.3W/830220-240V 16X1 OSRAM	250	100 °	3.3	Warm-White	220 - 240 V 50 / 60 Hz
LEDVALUE DL 3.3W/840220-240V 16X1 OSRAM	260	100 °	3.3	Cool-White	
LEDVALUE DL 3.3W/865220-240V 16X1 OSRAM	260	100 °	3.3	Daylight	
LEDVALUE DL 6.5W/830220-240V 6X1 OSRAM	500	100 °	6.5	Warm-White	
LEDVALUE DL 6.5W/840220-240V 6X1 OSRAM	520	100 °	6.5	Cool-White	
LEDVALUE DL 6.5W/865220-240V 6X1 OSRAM	520	100 °	6.5	Daylight	

Common Characteristics

Product Type	Average Lifetime [2]	Switching Cycles	Casing Material	Starting Time	Warm up time (For 60% light)
LEDValue DL 3.3W	15,000 hrs	100,000	Plastic	<0.5s	<0.5s
LEDValue DL 6.5W	15,000 hrs	100,000	Plastic	<0.5s	<0.5s
Product Type	**Tc Temperature**	**CRI**	**Mercury Max.**	**Lamp Current**	**Inrush Current**
LEDValue DL 3.3W	70°C	> 80	0.0 mg	25 mA	4 A
LEDValue DL 6.5W	60°C	> 80	0.0 mg	55 mA	5.6 A

Ordering guide

Cut-Out	Product description	IC	EAN10	EAN40	Shipping Unit
2.5inch	LEDVALUE DL 3.3W/830220-240V 16X1 OSRAM	AB450680055	4052899405547	4052899405554	16
2.5inch	LEDVALUE DL 3.3W/840220-240V 16X1 OSRAM	AB450690055	4052899405561	4052899405578	16
2.5inch	LEDVALUE DL 3.3W/865220-240V 16X1 OSRAM	AB450720055	4052899405622	4052899405639	16
4inch	LEDVALUE DL 6.5W/830220-240V 6X1 OSRAM	AB450740055	4052899405660	4052899405677	6
4inch	LEDVALUE DL 6.5W/840220-240V 6X1 OSRAM	AB450750055	4052899406872	4052899406889	6
4inch	LEDVALUE DL 6.5W/865220-240V 6X1 OSRAM	AB450760055	4052899406896	4052899406902	6

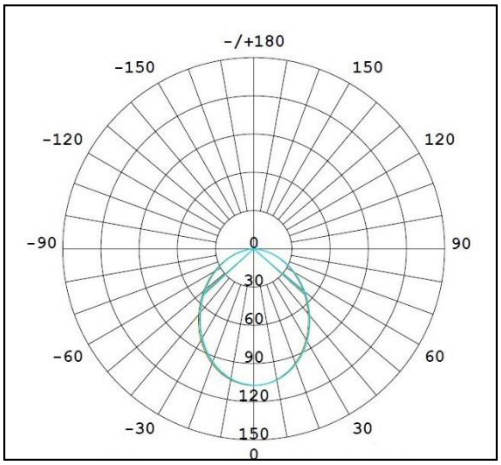
[3] The value of beam angle is based on C0/C180 average beam angle (50% Imax)

[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)

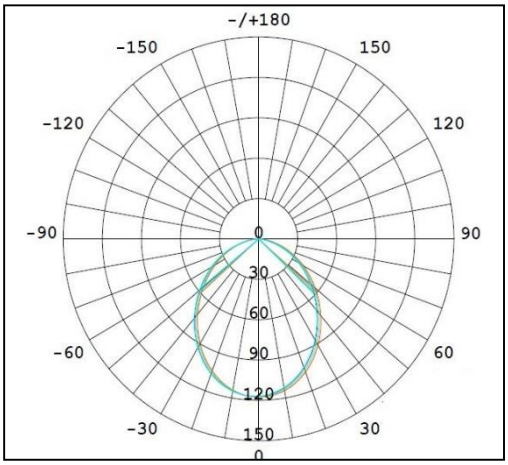
LED Value Downlight

Light Distribution

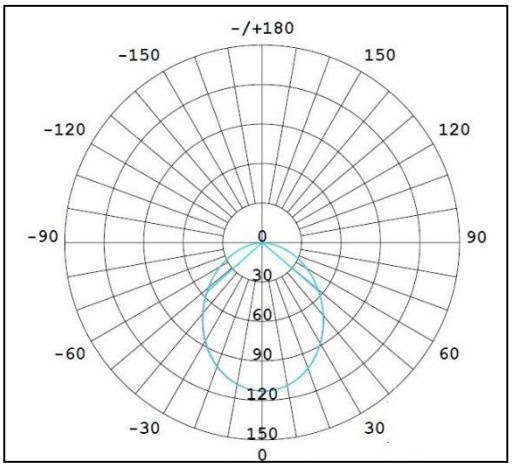
LED Value Downlight 2.5 inch 3000K Beam Angle



LED Value Downlight 2.5 inch 4000K Beam Angle



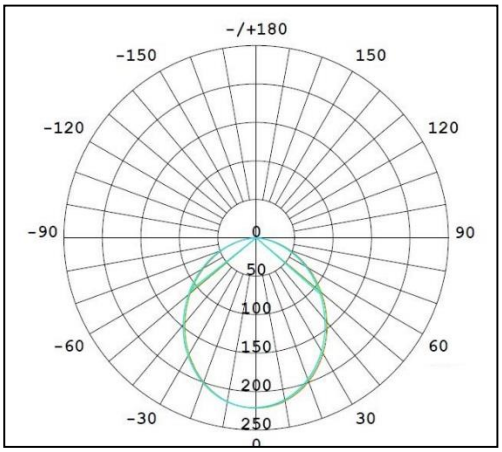
LED Value Downlight 2.5 inch 6500K Beam Angle



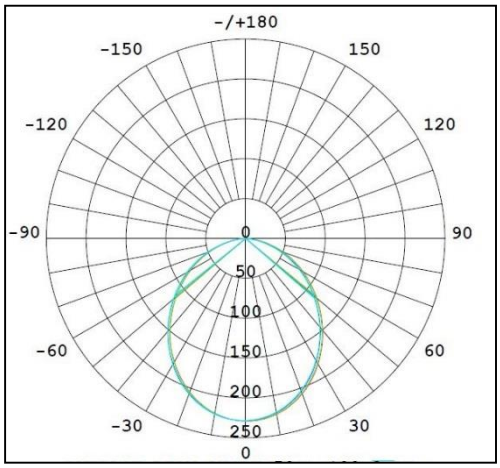
LED Value Downlight

Light Distribution

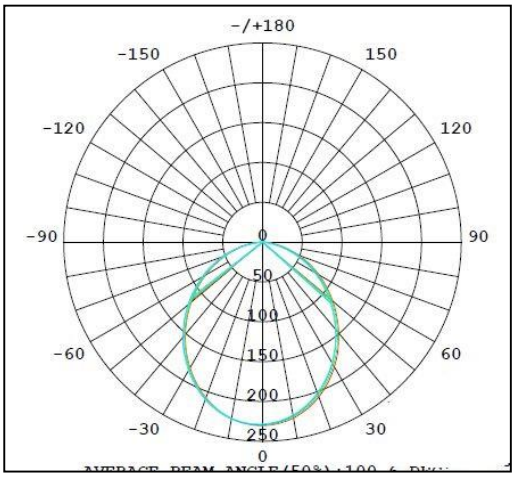
LED Value Downlight 4 inch 3000K Beam Angle



LED Value Downlight 4 inch 4000K Beam Angle



LED Value Downlight 4 inch 6500K Beam Angle



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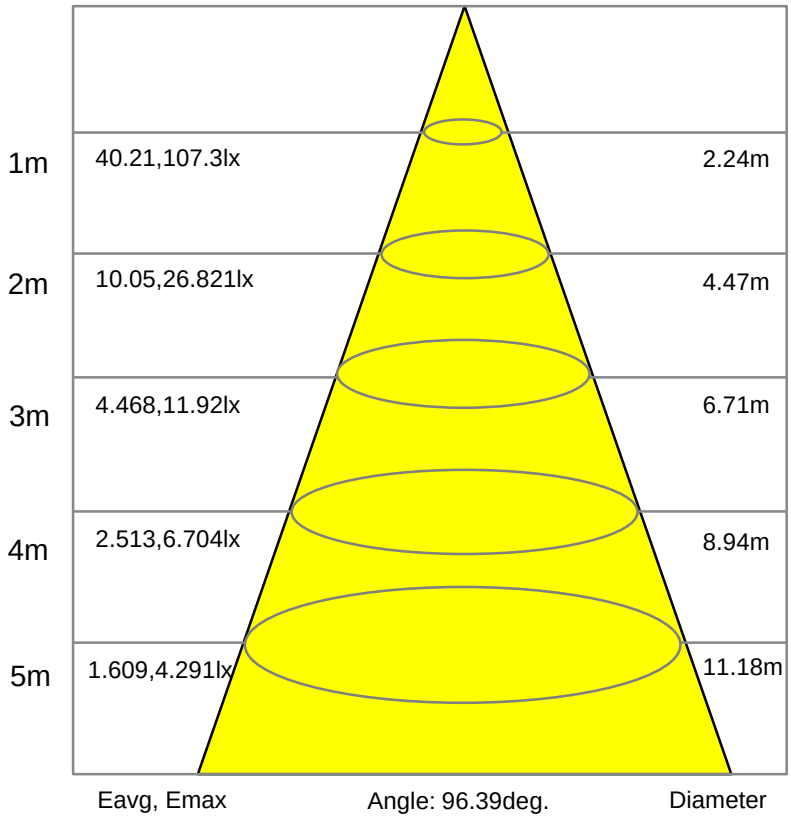
Cone Carve Diagram

LED Value Downlight 2.5inch 3.3W 3000K



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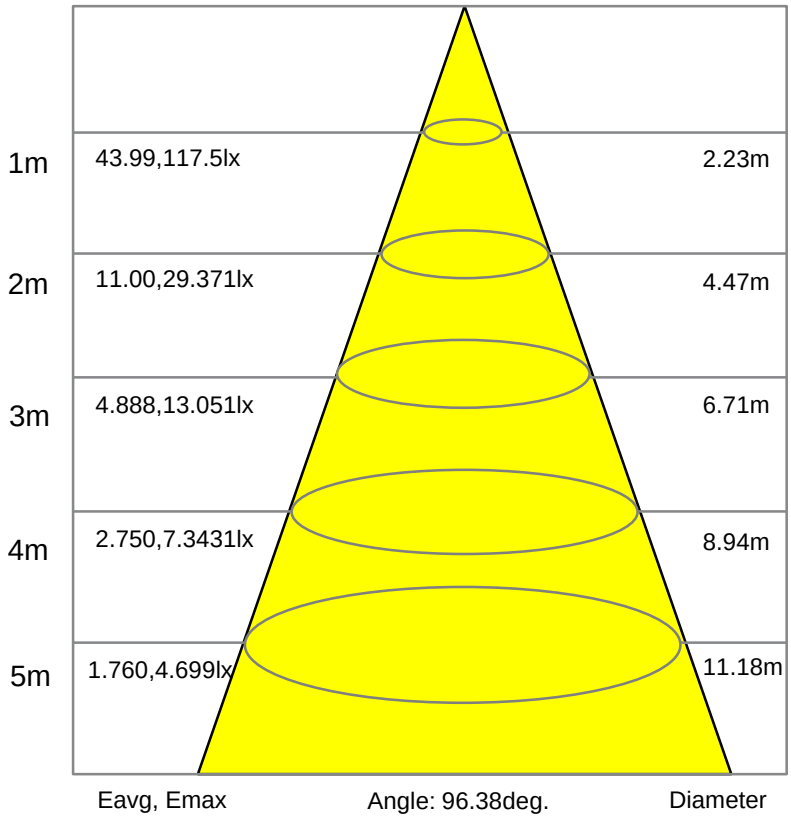
Cone Carve Diagram

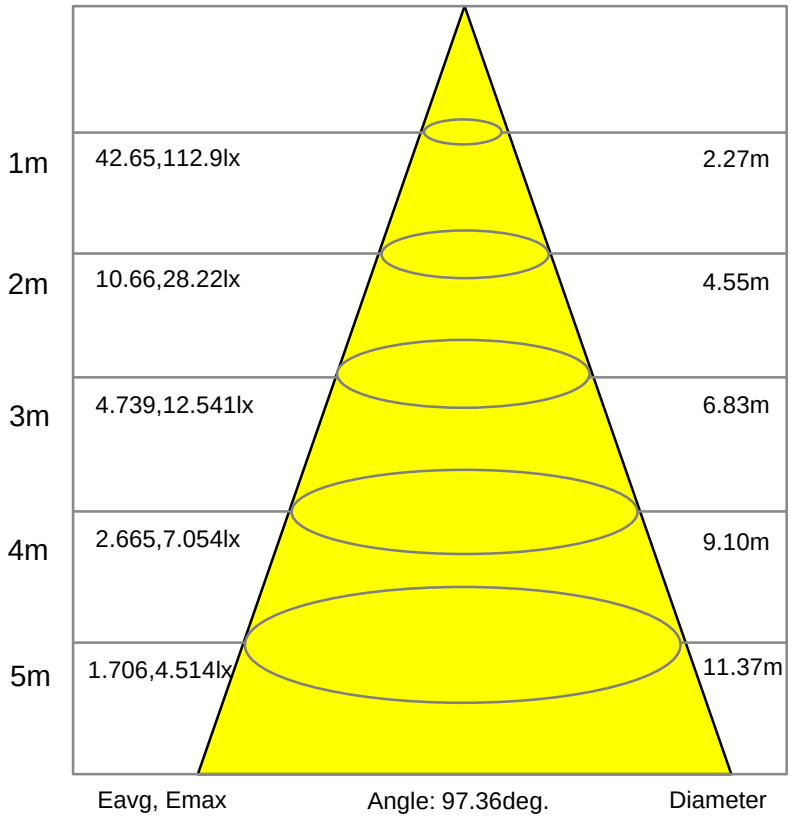
LED Value Downlight 2.5inch 3.3W 4000K



LED Value Downlight

Cone Carve Diagram

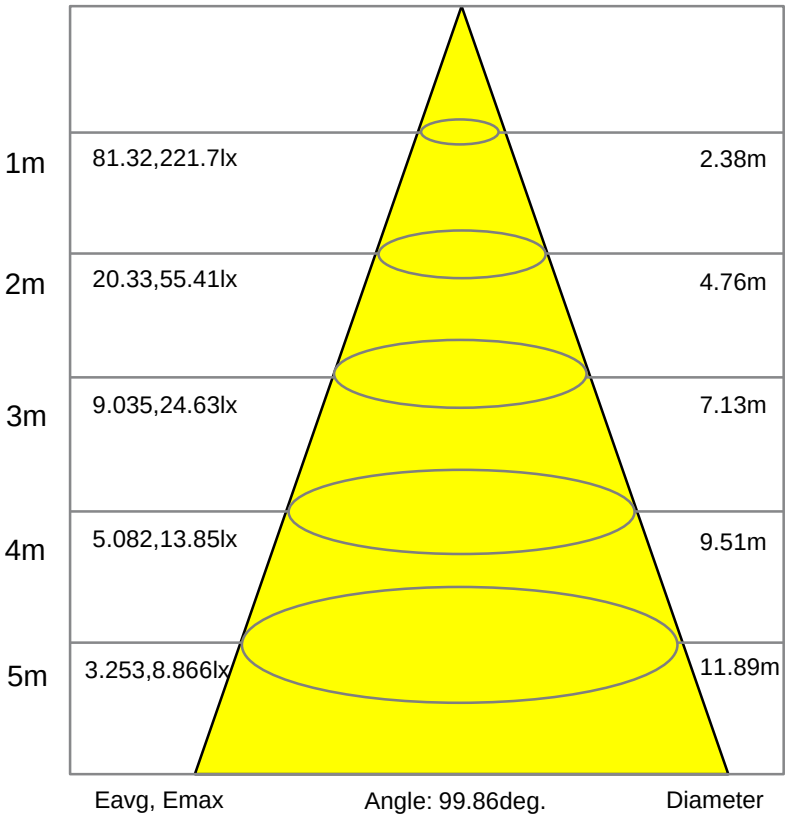
LED Value Downlight 2.5inch 3.3W 6500K



LED Value Downlight

Cone Carve Diagram

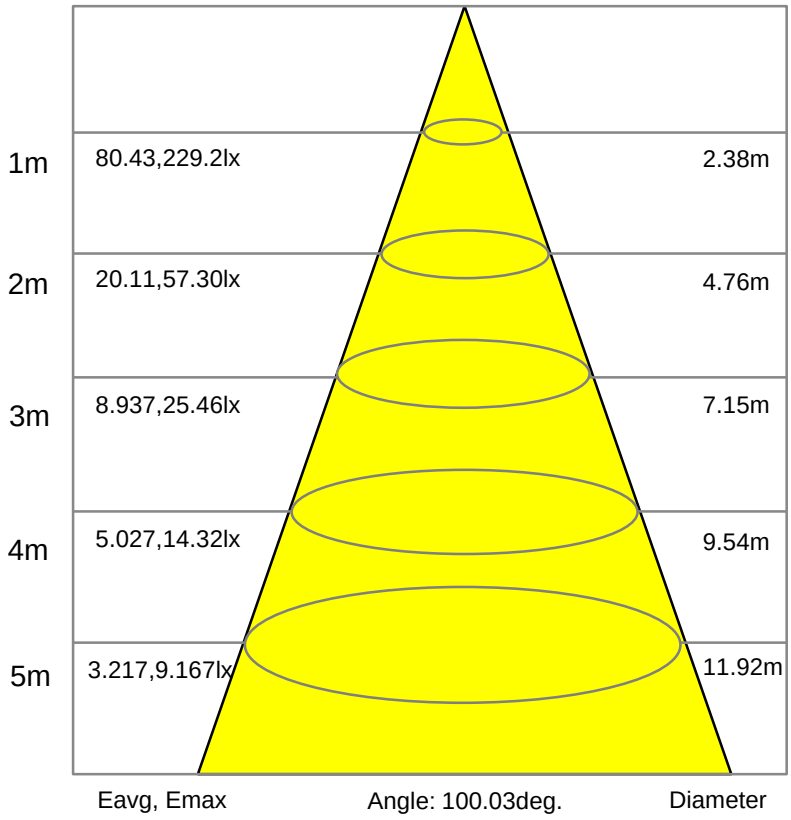
LED Value Downlight 4inch 6.5W 3000K



LED Value Downlight

Cone Carve Diagram

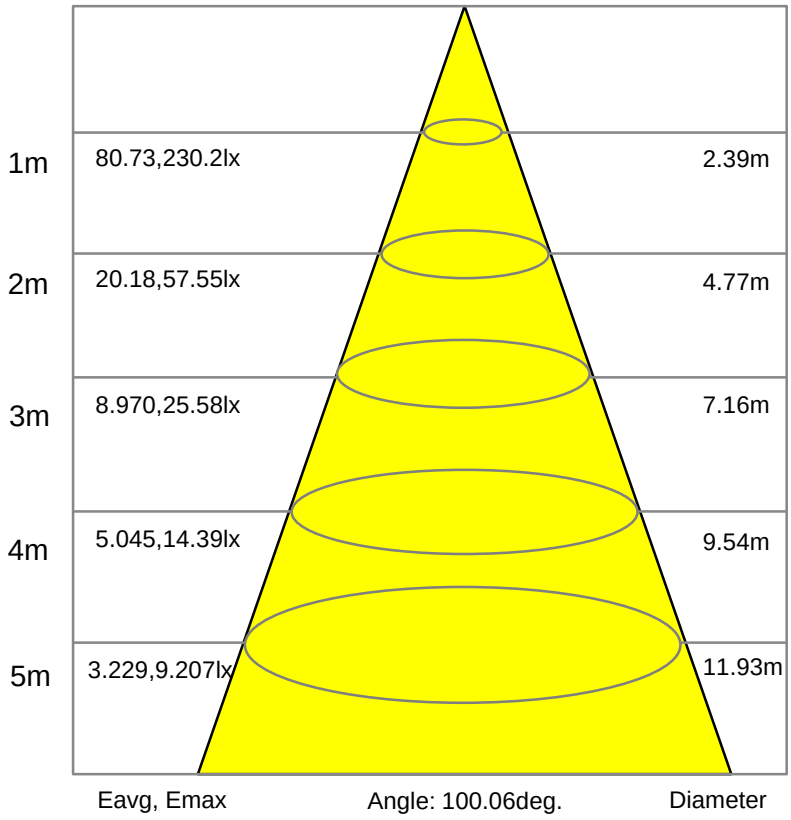
LED Value Downlight 4inch 6.5W 4000K



LED Value Downlight

Cone Carve Diagram

LED Value Downlight 4inch 6.5W 6500K

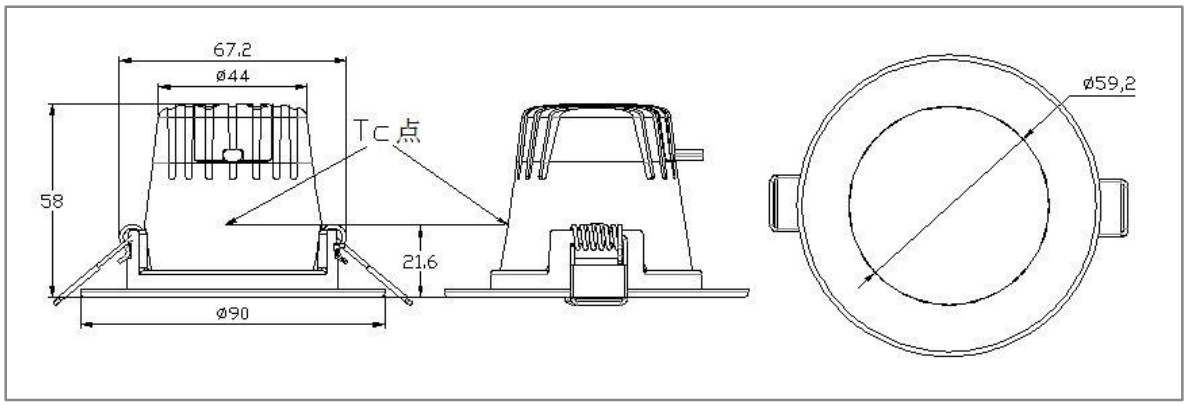


LED Value Downlight

Mechanical & Electrical Specifications

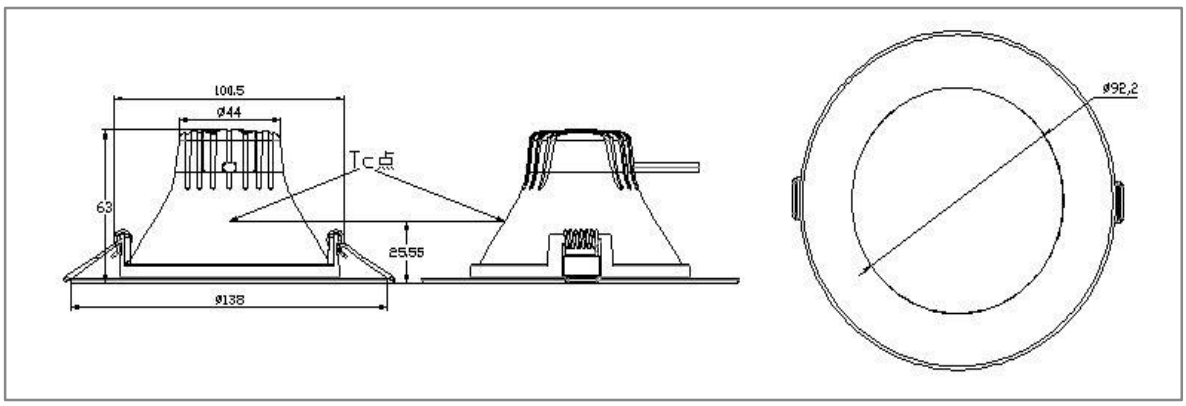
2.5 inch

Cut-Out Range:
70-80mm



4 inch

Cut-Out Range:
105-128mm



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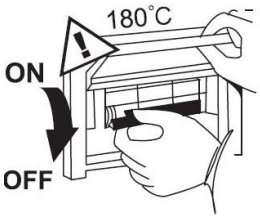
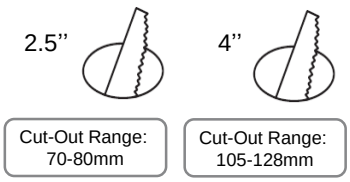
Installation Guideline

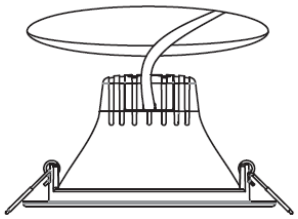
1. Disconnect mains power before assembly.



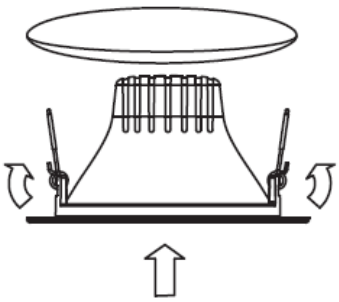
2. Cut a hole in the ceiling based on below size. (Cut out size refer to below range)



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