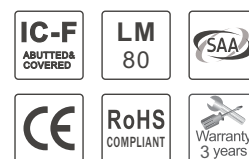


Luna 3.5" Gimbal Downlight

MDL35-010-AW-WW/NW-01

MDL35-015-AW-WW/NW-01



Description

Luna 3.5" gimbal downlight is designed for all the Australian/New Zealand and EU market needs. Energy efficiency and long life span is a vital part of the design of the lighting into the residential and commercial workplace. The LED down light is economy based product driven for the high volume low cost market. The down light is a COB version and available in 9W and 12W (COB power), white finish. To have a better heat dissipation, we design a remote driver for Luna 3.5".

Technical requirements

	MDL35-010-AW-WW-01	MDL35-010-AW-NW-01	MDL35-015-AW-WW-01	MDL35-015-AW-NW-01
Color	Warm White	Neutral White	Warm White	Neutral White
CCT	3000K	4000K	3000K	4000K
Lumen output lumens	780	820	1235	1225
LED Wattage	9W	9W	12W	12W
System Power	10W	10W	15W	15W
Input Voltage	220-240V/50-60Hz	220-240V/50-60Hz	220-240V/50-60Hz	220-240V/50-60Hz
Beam Angle	28° 40° 55°	28° 40° 55°	28° 40° 55°	28° 40° 55°
CRI	>80	>80	>80	>80
Power Factor	>0.9	>0.9	>0.9	>0.9



	MDL35-010-AW-WW-01	MDL35-010-AW-NW-01	MDL35-015-AW-WW-01	MDL35-015-AW-NW-01
Chromaticity	<SDCM 5	<SDCM 5	<SDCM 5	<SDCM 5
Cut-Out mm	92mm	92mm	92mm	92mm
Trim diameter mm	110mm	110mm	110mm	110mm
Lumen depreciation	L70 B50 @30,000 hours @ 25°C .	L70 B50 @30,000 hours @ 25°C .	L70 B50 @30,000 hours @ 25°C .	L70 B50 @30,000 hours @ 25°C .
IC-F rating under AS/NZ S60598.2.2.Amendment A (NZ only)	IC-F	IC-F	IC-F	IC-F
Photobiological Safety IEC 62471 : 2006	Group 1	Group 1	Group 1	Group 1
Dimming compatibility	Compatible with most of leading and trailing edge dimmers in the market			
THD%	<20%	<20%	<20%	<20%
Dimming range	5% ~ 100% with smooth operation	5% ~ 100% with smooth operation	5% ~ 100% with smooth operation	5% ~ 100% with smooth operation

PWM frequency	Linear	Linear	Linear	Linear
Turn on time at full current	<0.5s	<0.5s	<0.5s	<0.5s
Turn on time at dimmest current	<1s	<1s	<1s	<1s
Turn off time at full current	<0.5s	<0.5s	<0.5s	<0.5s
Turn off time at dimmest current	<0.5s	<0.5s	<0.5s	<0.5s
Open circuit protection	YES	YES	YES	YES
Short circuit protection with automatic restart	YES	YES	YES	YES
Ingress Protection from below ceiling.	IP65			
Safety Class	Class 2	Class 2	Class 2	Class 2
Operating temperature °C	-10/+45°C	-10/+45°C	-10/+45°C	-10/+45°C
Operating Humidity %	10%~95%	10%~95%	10%~95%	10%~95%
Down light Trim	Die cast Aluminium white powder coated RAL 9003 low sheen	Die cast Aluminium white powder coated RAL 9003 low sheen	Die cast Aluminium white powder coated RAL 9003 low sheen	Die cast Aluminium white powder coated RAL 9003 low sheen
LED Driver	Remote			
Connection Plug	Australian 3 pin plug and 1.2 meter flex for AS/NZ market,W/O mains wire for EU market			
Warranty	3 years			
File availability	LM80,ies,			

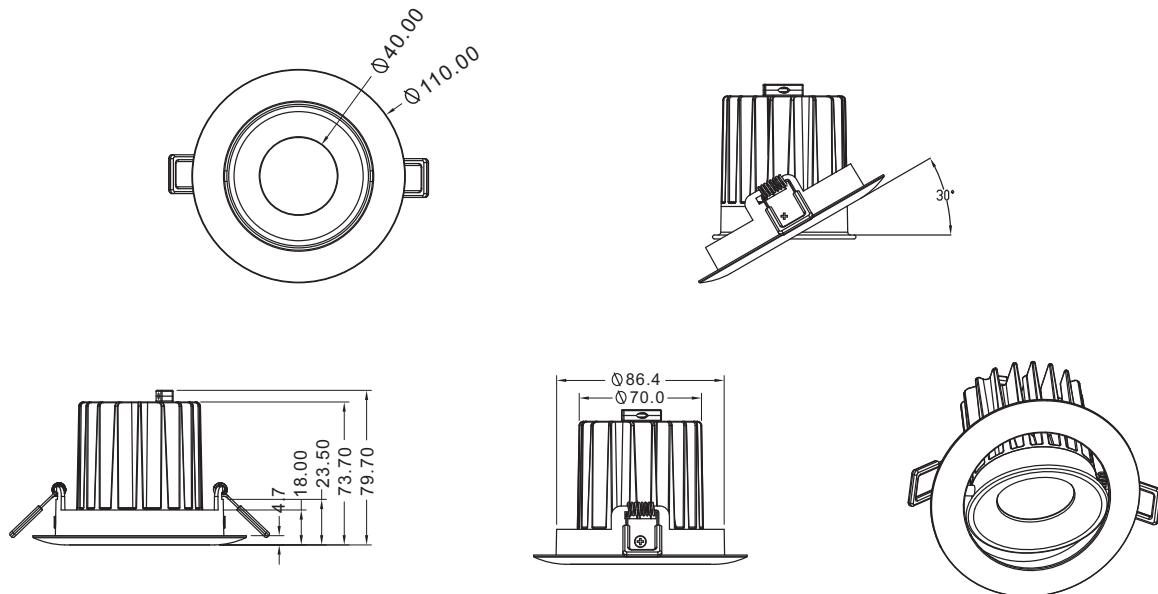


Main Applications

Shopping mall, super market, hotel, jewelry counter, restaurant and home decoration.



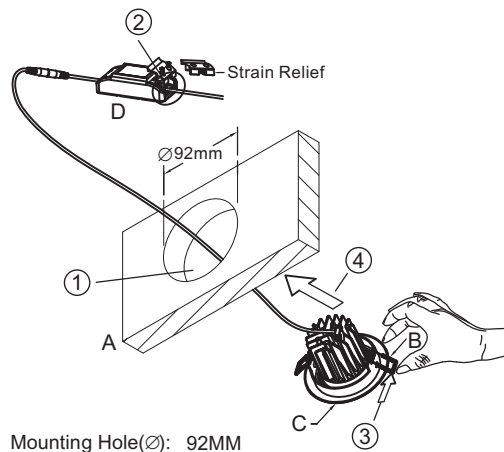
Dimensions (Unit: mm)



How to fix

- ① make a hole
- ② connect the power wire
- ③ push spring
- ④ put the lamp into the hole

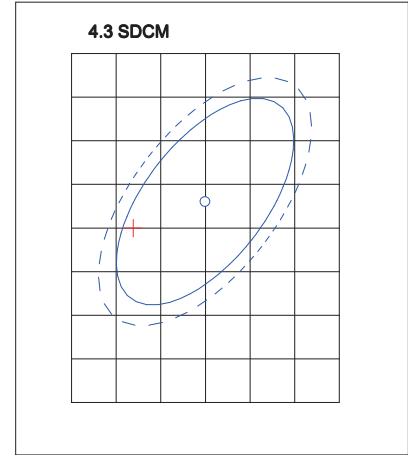
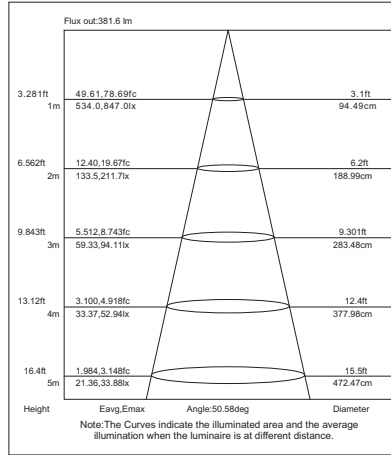
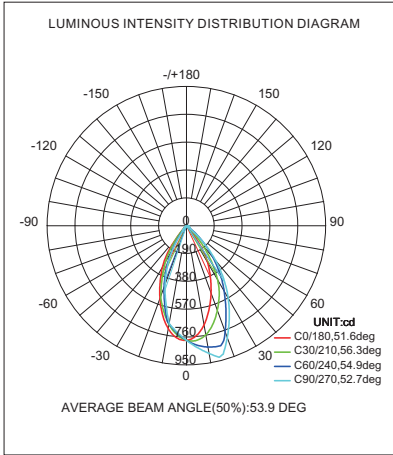
- A.Wall
- B.Spring
- C.LED lamp
- D.Driver



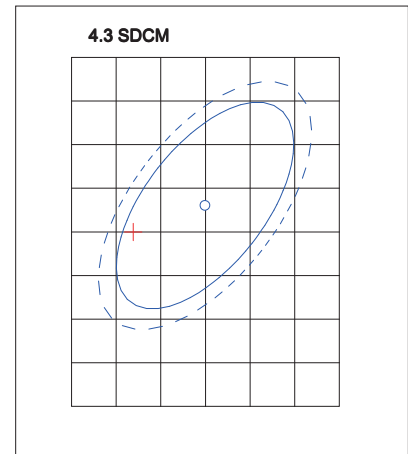
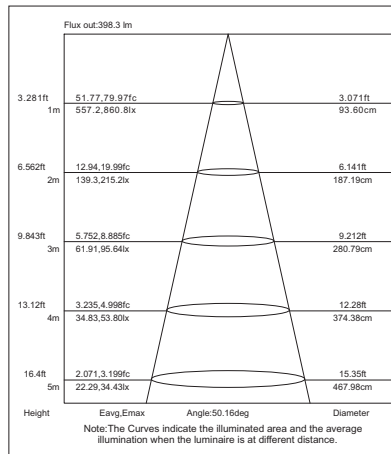
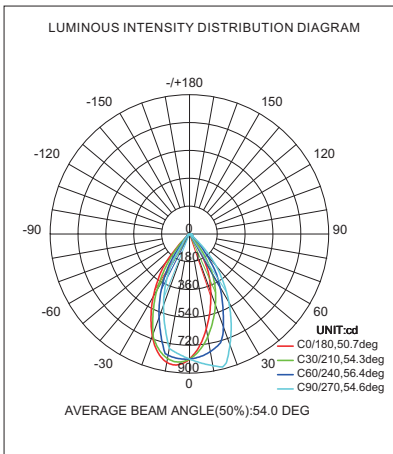


Photometric diagram

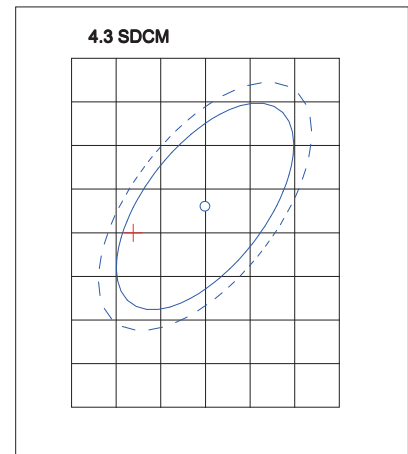
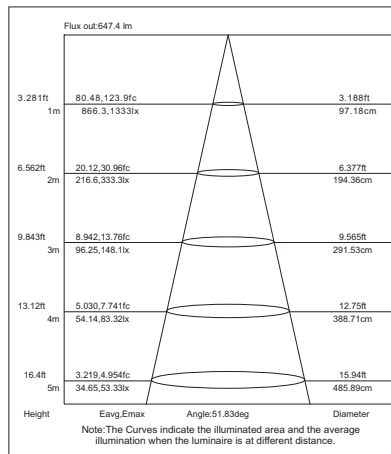
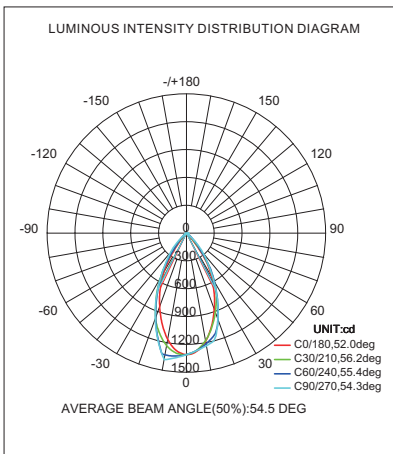
MDL35-010-AW-WW-01



MDL35-010-AW-NW-01



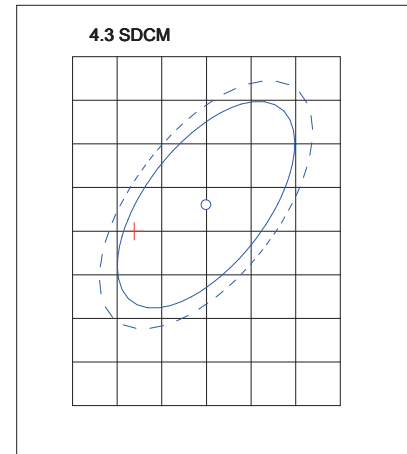
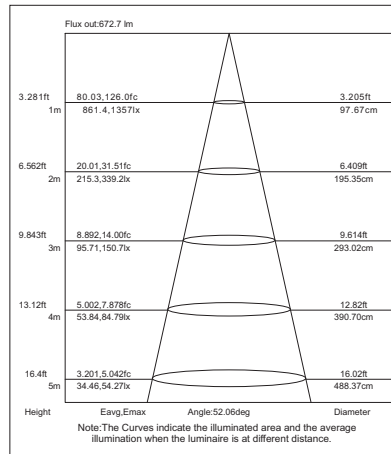
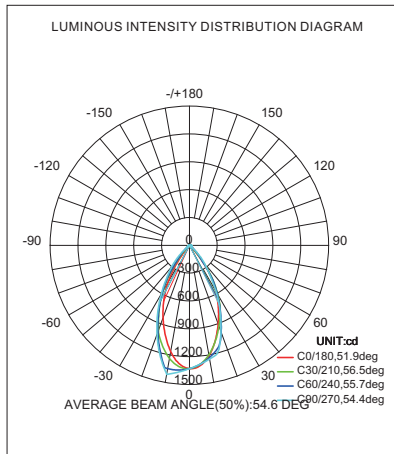
MDL35-015-AW-NW-01





Photometric diagram

MDL35-015-AW-WW-01



Packing information :

Net weight: 0.36kg, gross weight:0.41kg
 Packing box dimension: 112*112*120mm
 Outer carton dimension: 345*345*375mm (27 pcs/carton)
 Total net weight:9.72KG
 Total gross weight:11.87kg

! Notice

- 1.Please first read the product specification carefully, make sure the using environment conform to specification, then it can be used;
- 2.Please confirm the input voltage, frequency before use;
- 3.This product must be installed by professionals;
- 4.If there is any damage to the power wire or shell of the product, it should be taken as defective product and do not use it;
- 5.Dangerous high voltage, non-professionals are not allowed to maintain the product;
- 6.If external soft cable or soft wire of the light is damaged, it should be replaced by manufacture or service agent or personnel with similar qualification to avoid danger.