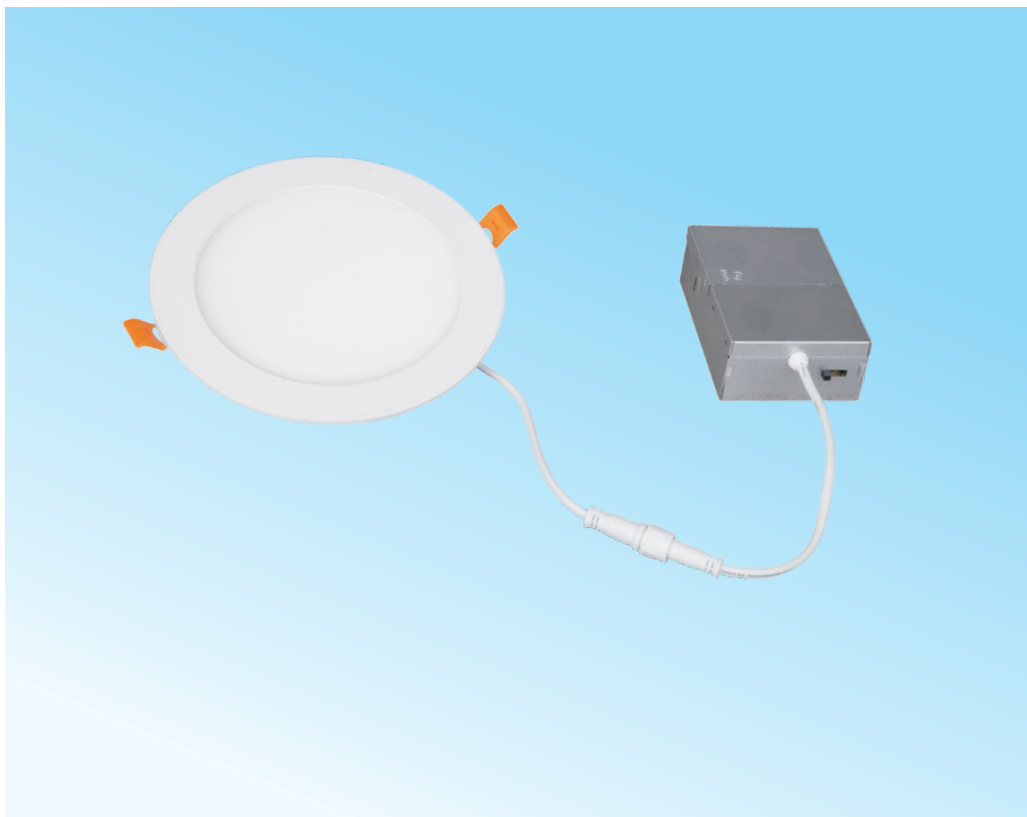




HONGYAO Lighting

Specification Sheet

LED ULTRA SLIM DOWNLIGHT



Zhejiang Hongyao Lighting Electrical Co., Ltd

No.209 Shennan Rd. Da Yang Jie Dao, Linhai City. Zhejiang China 317000 www.chhongyao.com
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SPECIFICATIONS

FEATURE

- The ultra slim LED downlights/surface mini panel comes with separate steel encased LED driver with watertight seal
- 1" Thin: Fits in Tight Ceiling Space.
- Snap-in mounting springs and easy wiring access for fast & easy Installation: Save labor cost.
- Junction Box Included: No additional hardware required.
- Body: Durable, die cast aluminum alloy for optimal heat dissipation
- White, Nickel or Black for choice--Scratch resistant and smooth finish
- The LED fixture is Triac dimming
- Featuring tunable White Color Temperature: 2700K,3000K,3500K,4000K and 5000K
- WARRANTY--5-year limited warranty



APPLICATION

- Commercial; Residential; hospitality

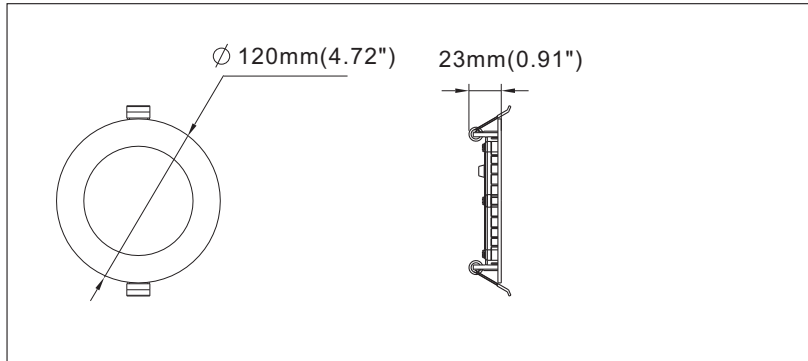
SPECIFICATIONS

Model No.	HY-USDL-R4-9W-5CCT	HY-USDL-R6-12W-5CCT
Size:	4" Round	6" Round
Power:	9W	12W
Input Voltage:	AC120V	
Dimming	Triac Dimmable	
Lumens	700 LM	1000 LM
Protection Rating	Ip20 (For Indoor Use Only)	
Power Factor:	>0.7	
Beam Angle	110°	
CCT:	5CCT (2700K/3000K/3500K/4000K/5000K)	
Ra:	>80	
Working Life:	Lumen Maintenance over 70% @ 50,000+ Hours	
Oper. Temperature	-13°F ~+113°F / -25°C ~+45°C	
Certification	ETL/ ENERGY STAR	

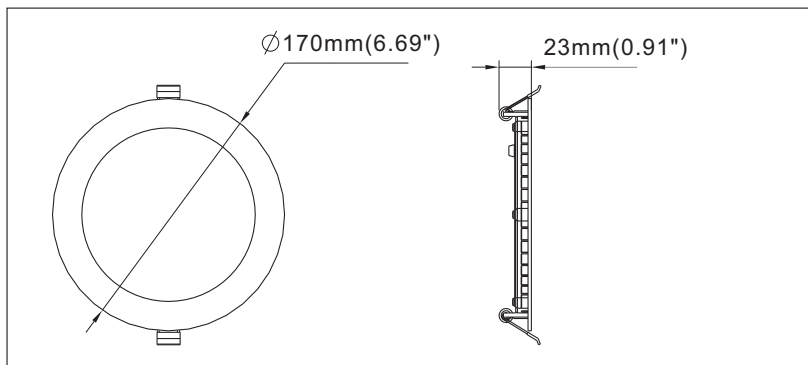


PRODUCT DIMENSIONS

4" SLIM DOWNLIGHT



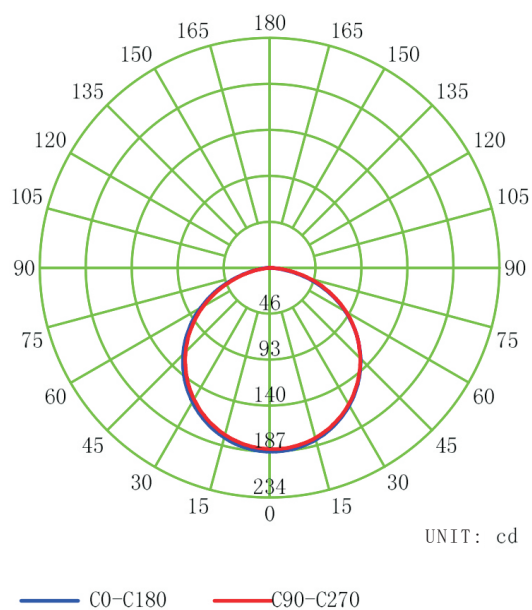
6" SLIM DOWNLIGHT



PHOTOMETRIC REPORT

9W 4" Round LED Ultra Slim Downlight

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

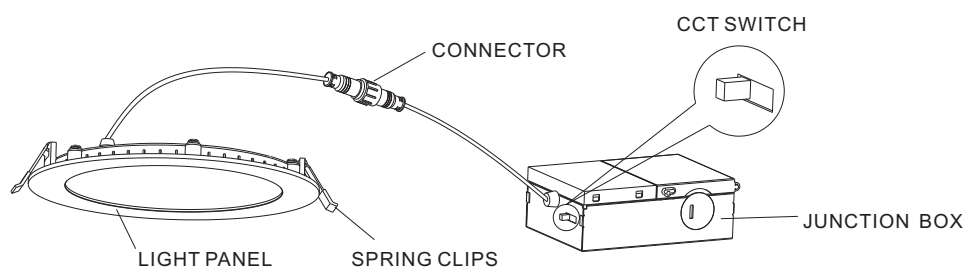


ORDERING GUIDE

Package Information		
Model No.	HY-USDL-R4-9W-5CCT	HY-USDL-R6-12W-5CCT
Size	4" Round	6" Round
Qty/Pack	20 PCS	20 PCS
Package Size	310X275X280mm	580X375X195mm
	12.2"X10.8"X11"	22.8"X14.7"X7.7"
Package Weight	7.7 kg/16.98 lbs	11 kg/24.25 lbs
Package CBM	0.02387	0.042413

ORDERING CODE DEFINITION

Company Code	Product	Shape Size	Watt	CCT
HY	USDL: Ultra-Thin Downlights	R4:Round 4"	9W	5CCT: 2700K/3000K/3500K/4000K/5000K
		R6:Round 6"	12W	

INSTALLATION PROCEDURE
Product Introduction

Maintenance

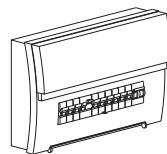
1. Do not modify this fixture. Any modifications may render the product unsafe and void warranty.
2. This product is suitable for damp locations.

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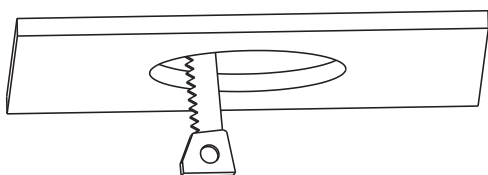

WARNING:

1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.



**Turn off
Power Supply**

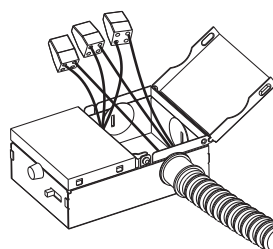
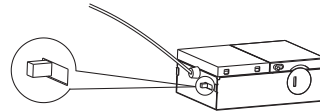
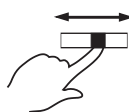
1. Determine the location for installation and cut ceiling hole in accordance with cut-hole dimensions.
Refer to Hole Diameter table for appropriate sizes. (Fig. 1)
2. On the side of the junction box, select the light color temperature:
2700K-3000K-3500K-4000K-5000K .(fig.2)
3. Remove the appropriate knockout(s) on the side panel (Fig. 2).
4. Insert the electrical supply cable through the knockout and secure with a cable connector (sold separately).
5. Using quick-connect push-in terminals, connect the ground wire to the green wire terminal; black wire to black wire terminal; white wire to white wire terminal. (Fig. 2)
6. Place all wiring and connections back in to the box and close the cover. Connect the driver to the light panel.
7. Insert junction box through the mounting hole. (Fig. 3)
8. Push spring-loaded clips on the fixture upwards and insert fixture base in to the mounting hole. Release the clips and fixture will be pulled flush to the ceiling. (Fig. 4)

1

HOLE DIAMETER

4" SLIM DOWNLIGHT	4.33" (110mm)
6" SLIM DOWNLIGHT	6.29" (160mm)

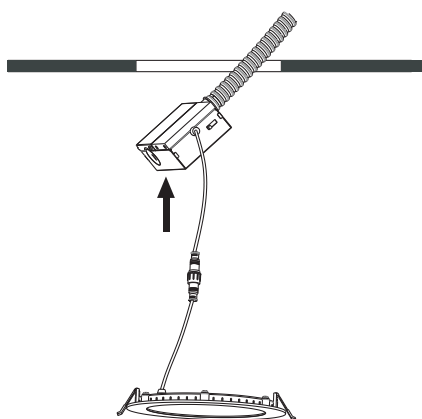
2

2700K/3000K/3500K/4000K/5000K


JUNCTION BOX

AC-L (Black)	AC-L (Black)
AC-N (White)	AC-N (White)
GND (Green)	GND (Green)

metal tube

3

4
