

Catalog Number:

Project Name:

Note:

Date:

Type:

## Description

Fire-rated downlights are engineered for residential buildings, public facilities, commercial spaces, and multi-family dwellings. They provide high-efficiency illumination while maintaining 2-hour fire resistance, ensuring comprehensive safety performance enhancement.

Features color tunable technology lets the user choose between 2700K, 3000K, 3500K, 4000K, or 5000K.

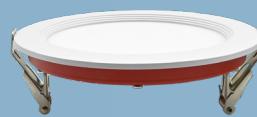
Wet-location rated, ideal for bathrooms, laundry, porches and garage work rooms.



4"



6"



**Based on sample setting. Actual lumens may vary.**

Model#	Size	Wattage	5CCT	Lumens
RD23A-04-09-UC5-D	4inch	9W	2700K 3000K 3500K 4000K 5000K	620lm 650lm 705lm 740lm 675lm
RD23A-06-12-UC5-D	4inch	12W	2700K 3000K 3500K 4000K 5000K	780lm 840lm 880lm 910lm 850lm
RD23A-06-12-UC5-D	6inch	12W	2700K 3000K 3500K 4000K 5000K	840lm 900lm 960lm 1000lm 950lm
RD23A-06-15-UC5-D	6inch	15W	2700K 3000K 3500K 4000K 5000K	1100lm 1125lm 1230lm 1250lm 1200lm

## Technical Specification

Voltage	<b>120V</b>
Power Frequency	<b>60Hz</b>
Power Factor	<b>&gt;0.9</b>
5CCT	<b>2700K   3000K   3500K   4000K   5000K</b>
CRI	<b>90</b>
Beam Angle	<b>120°</b>
Material	<b>Aluminum+steel casing+PS</b>
Color	<b>White</b>
Lifespan	<b>≥50,000hours</b>
Operating Temp	<b>(-4°F~ 113°F) -20~45°C</b>
Dimmable	<b>Triac Dimmable</b>
Rating	<b>Suitable for Wet Locations</b>
Warranty	<b>5 year limited</b>

## Features

- 2-Hour fire rating
- Providing a reinforced and heat-resistant steel casing
- Easy installation - no additional box required

## Installation

No existing recessed housing or junction box required.

Suitable for most new constructions.

Install J-Box in ceiling beam, and insert light right into drywall opening.

## Dimming

Compatible with most triac dimmers to give user a smooth 100%-10% dimming to choose the desired brightness.

Please check the recommended dimmer list in next page.

## Energy Savings

80% more energy savings than halogen lamps.

## Listing

ETL Listed. Energy Star. FCC. Title24.



Specification subject to change without notice

## Selectable CCT

## Products view



## Size & Dimension & Hole Size & Accessories

Size	Dimension	Hole Size	Accessories
4inch		 <b>Φ4 21/64"(110mm)</b>	
6inch		 <b>Φ6 19/64"(160mm)</b>	 <b>Connector</b>

## Recommended Dimmer

Lutron				Leviton	
CTCL-153P	MSCL-OP153M	CT-103PR-WH	RCL-153RNL		
TGCL-153PH-WH	PD-6WCL	MACL-153MA	DVRF-6L	6672	RNL06
DVCL-153P	DSL06	DVWCL-153PH	CTCL-150H		

## Luminatre Photometric

