

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 |
|-------------------|-------|---------|-------|--------|
| RD16S-04-09-UC5-D | 4inch | 9W      | 2700K | 585lm  |
|                   |       |         | 3000K | 620lm  |
|                   |       |         | 3500K | 695lm  |
|                   |       |         | 4000K | 740lm  |
|                   |       |         | 5000K | 630lm  |
| RD16S-04-11-UC5-D | 4inch | 12W     | 2700K | 715lm  |
|                   |       |         | 3000K | 790lm  |
|                   |       |         | 3500K | 860lm  |
|                   |       |         | 4000K | 910lm  |
|                   |       |         | 5000K | 850lm  |
| RD16S-06-12-UC5-D | 6inch | 12W     | 2700K | 720lm  |
|                   |       |         | 3000K | 840lm  |
|                   |       |         | 3500K | 920lm  |
|                   |       |         | 4000K | 1000lm |
|                   |       |         | 5000K | 900lm  |
| RD16S-06-15-UC5-D | 6inch | 15W     | 2700K | 1050lm |
|                   |       |         | 3000K | 1100lm |
|                   |       |         | 3500K | 1140lm |
|                   |       |         | 4000K | 1250lm |
|                   |       |         | 5000K | 1120lm |

### Technical Specification

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

### Features

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

### 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.

### 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.

### Energy Savings

80% more energy savings than halogen lamps.

### Listing



ETL Listed. Energy Star. FCC. Title24.

Catalog Number :

Project Name :

Note :

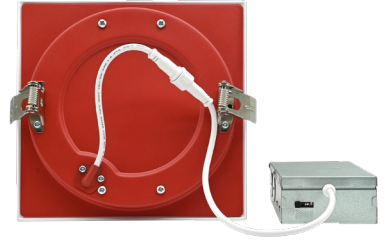
Date :

Type :

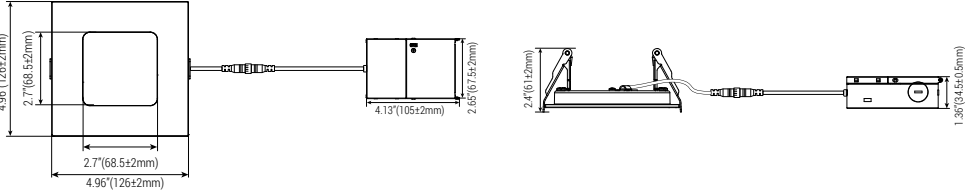
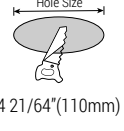
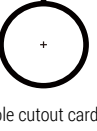
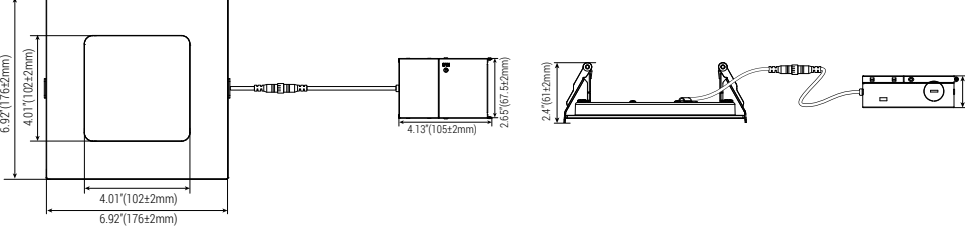
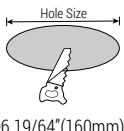
### Easily flip the switch for desired cct



### Products view



### Size & Dimension & Hole Size

| Size  | Dimension                                                                            | Hole Size                                                                             | Accessories                                                                           |
|-------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| 4inch |    |    |    |
| 6inch |  |  |  |

### Recommended Dimmer

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

### Accessories (Sold Separately)

