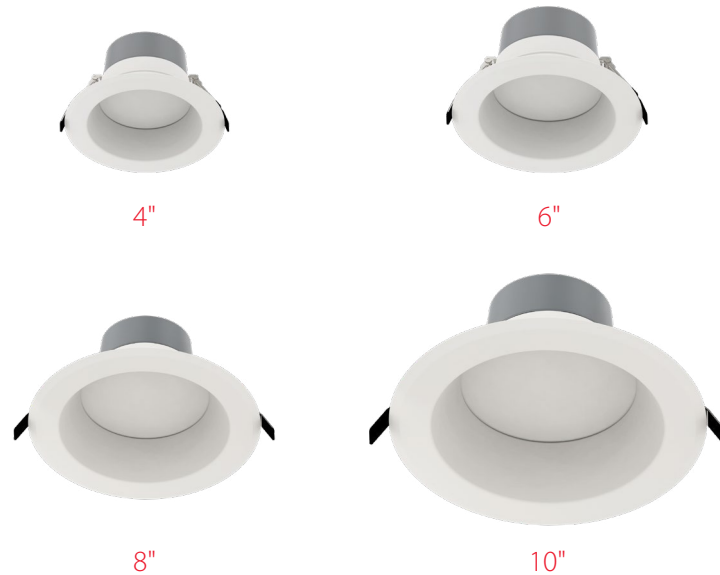


# SmartShift®-Ready Commercial Downlight



## Wireless control with Lightcloud® Blue



PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_

TYPE: \_\_\_\_\_

PREPARED BY: \_\_\_\_\_



### KEY FEATURES

- Direct Connect to the Lightcloud Blue mobile app via Bluetooth®, no Gateway or Hub required
- Use mobile device to configure features for On/Off Control, Dim Level, Color Temperature, Schedules, Scenes, SmartShift and more
- Tunable White 2700-6500K with smooth transition between color temperatures
- Circadian SmartShift Ready to sync with local sunrise/sunset
- Mounts directly into ceiling, no housing required

### PERFORMANCE

Catalog Number	Size	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Input Voltage	Color Temperature	CRI	L70 Lifespan
C411/LCB	4"	52W CFL	11W	900 lm	82 lm/W	120V-277V	Default: 3000K Adjustable using the Lightcloud Blue mobile app Tunable White 2700 - 6500K	90*	50,000 hr
C623/LCB	6"	32W CFL	23W	1,900 lm	83 lm/W				
C830/LCB	8"	(2)-42W CFL	30W	2,600 lm	87 lm/W				
C1038/LCB	10"	75W CFL	38W	3,400 lm	89 lm/W				

### TECHNICAL SPECIFICATIONS

#### LIGHTCLOUD BLUE FEATURES

##### Tunable White

Adjust the color temperature from 2700K to 6500K via the Lightcloud Blue Remote or the mobile app.

##### Direct Connect

Use the Lightcloud Blue mobile app to connect to your lamps in minutes via Bluetooth Mesh; no Gateway or Hub required.

##### Mobile App Control

Use the Lightcloud Blue mobile app to configure features for On/Off Control, Dim Level, Color Temperature, Schedules, Scenes, SmartShift and more.

##### SmartShift Circadian Lighting

Automatically tunes the color and intensity of lights throughout the day, mimicking the sun's natural pattern.

##### Scalable

Devices within 60 feet of each other can communicate within the Bluetooth Mesh network to manage a maximum of up to tens of thousands of devices per account.

#### LIGHTCLOUD BLUE

##### Gateway Required

No

##### Communication Protocol

Bluetooth Mesh

##### Range

Up to 60 feet between standard building materials. Building materials such as brick, concrete, and steel construction may require additional Lightcloud Blue devices to extend around an obstruction. Up to 200 feet clear line of sight

##### Spacing Criteria

Lightcloud Blue devices should be placed within the specified range to communicate within the Bluetooth Mesh network.

## TECHNICAL SPECIFICATIONS (CONT.)

### LIGHTCLOUD BLUE

#### Factory Reset

##### Method 1: Delete from App

Open the app and access the device settings for the paired device. Be sure that the device is online and select 'Delete'. The device will flash on/off 5 times and return to full brightness.

##### Method 2: Manual

Power the device off and on 5x consecutively. Do not allow less than 4s to elapse from switching off to on. Do not allow more than 2 seconds to elapse from switching on to off. The device will flash 3x, then reset to 100% brightness at default CCT.

##### Method 3: Rapid Reset Tool

The Rapid Reset process must be done by a professional electrician qualified by RAB. Reach out to your RAB sales manager to request a Rapid Reset Tool. The tool simply needs to be placed directly on the small Lightcloud Blue logo on the device for 2 seconds or until the lamp/luminaire flashes 3x, then resets to 100% brightness at the default CCT.

### CONSTRUCTION

#### Product Type

Commercial Downlight

#### Size

4", 6", 8", 10"

#### Shape

Round

#### Finish

White

#### Enclosure Material

Metal

#### Trim Style

Smooth

#### Lens

Polycarbonate light diffuser distributes light evenly and smoothly for general lighting applications

### ELECTRICAL

#### Dimmable

Yes via the Lightcloud Blue mobile app and devices  
This lamp will not operate properly when connected to a standard (*incandescent*) dimmer or dimming control.

#### THD

≤20%

#### Power Factor

≥0.9

#### Flicker

≤5%

#### Input Voltage

120V-277V

#### Operating Frequency

60Hz

#### Operating Temperature

-4°F to 104°F (-20°C to 40°C)

#### Beam Angle

80°±10°

### INSTALLATION

#### Mounting

No housing required

### COMPLIANCE

#### Listings

UL Listed, UL Classified

#### Environment

Suitable for use in dry, damp, and wet environments.

#### Energy Star Approved

This product is ENERGY STAR® Version.

#### DLC Listed

No

#### IC Rated

No

#### Air Tight

Housing certified Air Tight as per ASTM E283

#### T20 Compliant

No

#### California Title 24 JA8 Compliant

Can be used to conform with the requirements of California Title 24 Part 6.

#### California Energy Commission (CEC) Status

Lawful for Sales in California

#### NEC Compliant

Suitable for use in closets. Compliant with NEC Sec. 410.16 (A)(1) and 410.16 (C3).

#### IESNA LM-79 & LM80 Testing

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

#### FCC

Complies with Part 15 of the FCC Rules.

#### RoHS

Mercury and UV free. RoHS-compliant components.

### LED CHARACTERISTICS

#### Color Temperature

Default: 3000K

Adjustable using the Lightcloud Blue mobile app

Tunable White 2700K - 6500K

#### Color Accuracy (CRI)

>90 CRI

#### R9 Value

High color performance with R9 greater than or equal to 50

#### Color Consistency

4-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

#### Color Stability

LED color temperature is warranted to shift no more than 200K in color temperature over a 5-year period.

#### Color Uniformity

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

# SmartShift®-Ready Commercial Downlight



## TECHNICAL SPECIFICATIONS (CONT'D)

### OTHER

#### Warranty

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.

RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

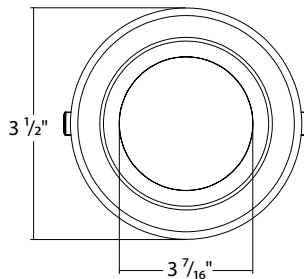
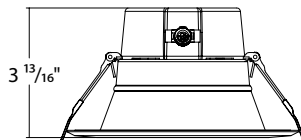
Download the Lightcloud Blue app for free to get started!



## DIMENSIONS

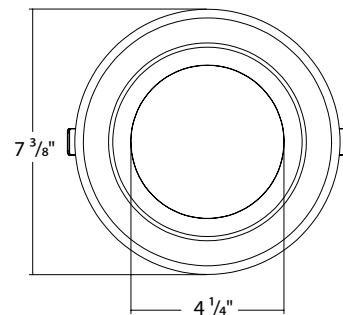
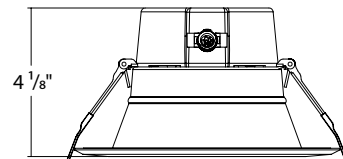
### 4" 11W

Weight: .73 lbs



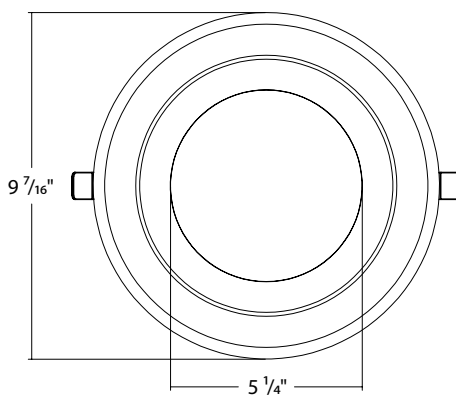
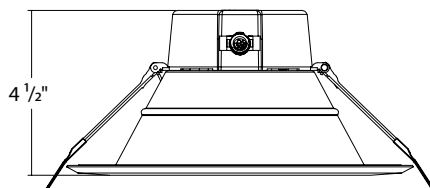
### 6" 23W

Weight: 1.01 lbs



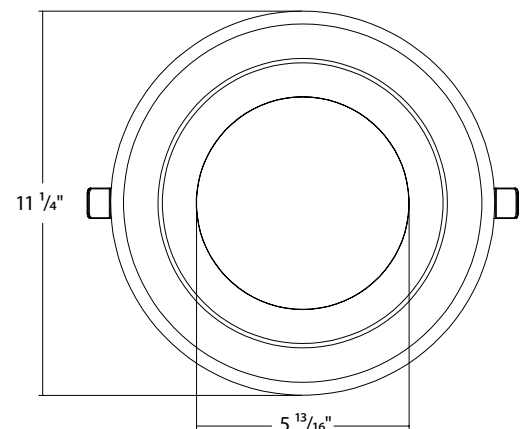
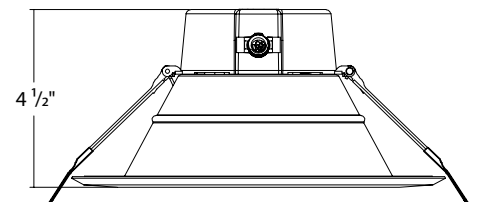
### 8" 30W

Weight: 1.19 lbs



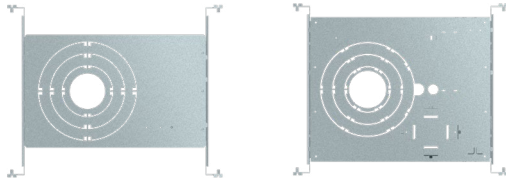
### 10" 38W

Weight: 1.39 lbs



## ACCESSORIES (SOLD SEPARATELY)

### Mounting Plate w/ nailer bar

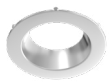


DLPLATE/WFR3468/NB

DLPLATE/C3468R/NB

Catalog Number	UPC	Description
DLPLATE/WFR3468/NB	192552000673	Mounting plate with nailer bar
DLPLATE/C3468R/NB	192552000680	Mounting plate with nailer bar

### 4" Trims



4" Round  
Brushed Nickel



4" Round  
Bronze



4" Round  
Black

Catalog Number	UPC	Description
DLTRIM/CRLEDFA4R-BS	192552024051	4" Smooth Black Color Trim
DLTRIM/CRLEDFA4R-BNS	192552024068	4" Smooth Brushed Nickel Color Trim
DLTRIM/CRLEDFA4R-BRS	192552024075	4" Smooth Bronze Color Trim

### 6" Trims



6" Round  
Brushed Nickel



6" Round  
Bronze



6" Round  
Black

Catalog Number	UPC	Description
DLTRIM/CRLEDFA6R-BS	192552024082	6" Smooth Black Color Trim
DLTRIM/CRLEDFA6R-BNS	192552024099	6" Smooth Brushed Nickel Color Trim
DLTRIM/CRLEDFA6R-BRS	192552024105	6" Smooth Bronze Color Trim

### 8" Trims



8" Round  
Brushed Nickel



8" Round  
Bronze



8" Round  
Black

Catalog Number	UPC	Description
DLTRIM/CRLEDFA8R-BS	192552024112	8" Smooth Black Color Trim
DLTRIM/CRLEDFA8R-BNS	192552024129	8" Smooth Brushed Nickel Color Trim
DLTRIM/CRLEDFA8R-BRS	192552024136	8" Smooth Bronze Color Trim

### 10" Trims



10" Round  
Brushed Nickel



10" Round  
Bronze



10" Round  
Black

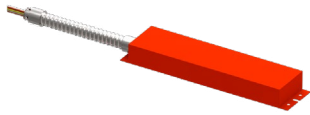
Catalog Number	UPC	Description
DLTRIM/CRLEDFA10R-BS	192552024143	10" Smooth Black Color Trim
DLTRIM/CRLEDFA10R-BNS	192552024150	10" Smooth Brushed Nickel Color Trim
DLTRIM/CRLEDFA10R-BRS	192552024167	10" Smooth Bronze Color Trim

# SmartShift®-Ready Commercial Downlight



## ACCESSORIES (SOLD SEPARATELY)

### Emergency Backup Driver



Catalog Number	UPC	Description
DRI-21-EMGR-DC-D10	192552028264	Emergency backup driver
DRI-25-EMGR-DC	19813519180	Emergency backup driver

### Goof Rings



Catalog Number	UPC	Description
DL4-6GOOF/R/P/CRLEDFA	192552024600	Commercial Downlight 4-6" Goof Ring
DL6-8GOOF/R/P/CRLEDFA	192552024617	Commercial Downlight 6-8" Goof Ring
DL8-10GOOF/R/P/CRLEDFA	192552024624	Commercial Downlight 8-10" Goof Ring
DL8-12GOOF/R/P/CRLEDFA	192552024631	Commercial Downlight 8-12" Goof Ring
DL10-12GOOF/R/P/CRLEDFA	192552024648	Commercial Downlight 10-12" Goof Ring

## ORDERING INFO

Catalog Number	Certification Model Number	UPC	Case Pack
C411/LCB	C411/LCB	192552030199	4
C623/LCB	C623/LCB	192552030182	4
C830/LCB	C830/LCB	192552030199	4
C1038/LCB	C1038/LCB	192552030199	4

## ORDERING MATRIX

Family	Size	Shape	Wattage	CRI/Color Temp	Driver	Finish	Trim	Options							
C								/LCB							
4	4"	Blank	Round	11	11W	Blank	90 CRI, Tunable White	Blank	120-277V	Blank	White	Blank	Smooth	/LCB	Lightcloud Blue
6	6"				(4" only)		2700-6500K								
8	8"			23	23W										
10	10"				(6" only)										
				30	30W										
					(8" only)										
				38	38W										
					(10" only)										