



Economy surface mounts with integrated 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
- Installs on standard junction boxes

## PERFORMANCE

Catalog Number	Size	Wattage Equivalency	Input Wattage	Lumens	Efficacy	Input Voltage	Dim Type	CRI	L70 Lifespan
DSK34-4/LCB	4"	50W Halogen	10W	700 lm	70 lm/W	120V	via the Lightcloud Blue mobile app and devices	90*	50,000 hr
DSK34-6/LCB	6"	85W Halogen	15W	1,100 lm	73 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
- SmartShift**  
SmartShift is the most advanced - yet easiest to use - circadian lighting system, which syncs white color tuning with the local sunrise and sunset.
- 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

Surface Mount

#### Size

4", 6"

#### Shape

Round

#### Finish

White

#### Enclosure Material

Metal

#### Trim Style

Smooth

#### Lens

Polycarbonate

### 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

#### Input Voltage

120V

#### Operating Frequency

60Hz

#### Operating Temperature

-4°F to 104°F (-20°C to 40°C)

#### Beam Angle

110°

### INSTALLATION

#### Mounting

Surface Mount

#### Base Type

E26 Edison

### COMPLIANCE

#### Listings

UL Listed

#### Environment

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

#### Energy Star Approved

This product is ENERGY STAR® Version 2.2 Certified.

#### IC Rated

No

#### Air Tight

No

#### DLC Listed

No

#### 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 (C1).

#### 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

## TECHNICAL SPECIFICATIONS (CONT'D)

### OTHER

#### Warranty

The RAB 5-year, limited warranty covers light output, driver performance and paint finish.

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

#### Note

All values are typical (tolerance +/- 10%)

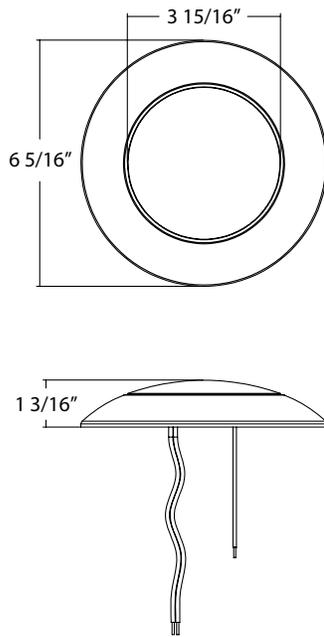
Download the Lightcloud Blue app for free to get started!



## DIMENSIONS

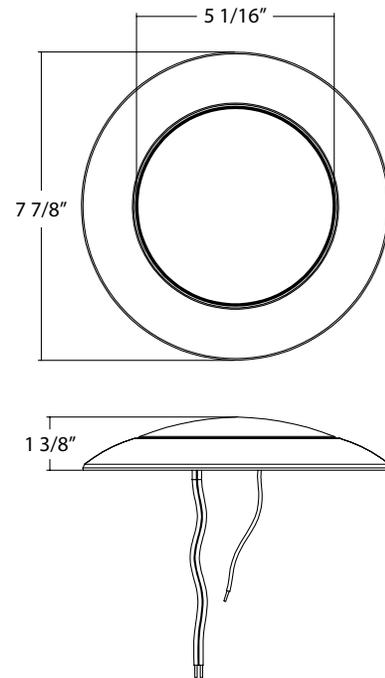
### 4" DSK34

Weight: 0.54 lb

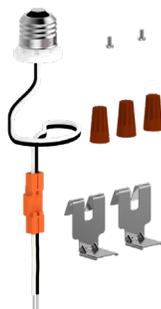


### 6" DSK34

Weight: 0.66 lb



## ACCESSORIES (SOLD SEPARATELY)



Catalog Number	UPC	Description
DSKFA4/PIR/ACC	192552018975	Mounting hardware
DSKFA6/PIR/ACC	192552018982	Mounting hardware

# Lightcloud® Blue SmartShift Ready DSK34



## ORDERING INFO

Catalog Number	Certification Model Number	UPC	Case Pack
DSK34-4/LCB	DSK34-4/LCB	192552030274	6
DSK34-6/LCB	DSK34-6/LCB	192552030267	6

## ORDERING MATRIX

Family	Size/Wattage	Shape	CRI/Color Temp	Voltage	Finish	Trim	Options							
DSK34							/LCB							
	4 6	4", 10W 6", 15W	Blank	Round	Blank	90 CRI, Tunable White 2700-6500K	Blank	120V	Blank	White	Blank	Smooth	/LCB	Lightcloud Blue-enabled