CD34-6WZ/RGB

RAB

Color: Bronze   Weight: 6.6 lbs

Project:		Type:
Prepared By:		Date:

Driver Info

Type	Constant Current
120V	0.30A
208V	0.17A
240V	0.15A
277V	0.13A
Input Watts	36W

LED Info

Watts	36W
Color Temp	2200-6500K
Color Accuracy	90 CRI
L70 Lifespan	50,000 Hours
Lumens	1,800 lm
Efficacy	50

Technical Specifications

Lightcloud

Lightcloud Blue:
Lightcloud Blue is a Bluetooth Mesh wireless lighting control system that allows you to control RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and large commercial applications using the Lightcloud Blue mobile app. Each device in a system can communicate with any other device, eliminating the need for a Gateway or Hub and maximizing the control system's reach. Learn more at rablighting.com

Gateway Required:
No

Communication Protocol:
Bluetooth Mesh

Range:
Indoor: 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.

Outdoor: Up to 60 feet clear line of sight; Up to 18 feet around corners.

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

SmartShift

SmartShift:
SmartShift is the most advanced - yet easiest to use - circadian lighting system, which syncs white color tuning with the local sunrise and sunset.
Requires the NANO/LCB (sold separately)

Performance

Product Type:
Cylinder Wall Mount

Description:
Economical cylinders with field-adjustable color temperature, power, and light distribution along with field-swappable optics to fit any indoor or outdoor application. Now available with RGBW color tuning using Lightcloud Blue.

Wattage Equivalency:
200/180/140W

Input Wattage:
36W

Lumens:
1,800lm

Efficacy:
50lm/W

L70 Lifespan:
50,000-Hour LED lifespan based on IES LM-70 results

Electrical

Driver:
Constant Current 120V-277V 50/60Hz, 120V: 0.30mA; 208V: 0.175mA; 240V: 0.15mA; 277V: 0.13mA

THD:
≤20%

Power Factor:
≥0.9

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

Input Voltage:
120-277V

Operating Temperature:
-40°F to 113°F (-40°C to 45°C)

Flicker:
&le20%

Technical Specifications (continued)

Photocell:
Integrated photocell included with on/off switch

LED Characteristics

Beam Angle:
60° (installed)
Field swappable optics sold separately for
25°/40°/60° beam angle_

Light Direction:
Selectable up, down, or both

Color Temperature:
Default: 4000K
Adjustable using the Lightcloud Blue mobile app
Tunable White 2200K - 6500K
16+ million RGB colors

Color Accuracy (CRI):
90 CRI

Natural Spectrum:
No

R9 Value:
High color performance with R9 greater than 0

Color Consistency:
<7-step MacAdam Ellipse binning to achieve
consistent fixture-to-fixture color

Color Stability:
LED color temperature is warrantied 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.

Installation

Mounting:
Wall mount

Construction

Size:
6"

Shape:
Cylinder

Finish:
Bronze

Enclosure Material:
Die-cast aluminum and polycarbonate

Compliance

Listings:
UL Listed

Environment:
Suitable for use indoors and outdoors in dry, damp,
or wet environments.

Fixture Rating:
Suitable for use in open fixtures

DLC NLC Listed:
This system is on the Design Lights Consortium
(DLC) Network Lighting Controls (NLC) Qualified
Products List and is eligible for rebates from DLC
Member Utilities.
DLC system - N1XMLOEATBA (Interior);
NHCZ2BIA17L (Exterior)

DLC Listed:
No

Certification Model Number:
BWCWS-36W-RGBCW60BZ

California Title 20 Compliant:
No

California Title 24 JA8 Compliant:
No

California Energy Commission (CEC) Status:
Lawful for Sales in California

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

RoHS:
Mercury and UV free. RoHS-compliant components.

FCC:
Complies with Part 15 of the FCC Rules

Other

Compatible Accessories:
CD34REF-625D
25° reflector

CD34REF-640D
40° reflector

CD34REF-660D
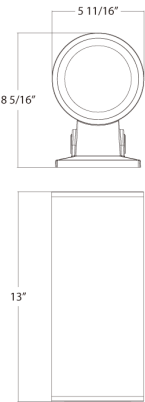60° reflector

CD34LENS-6FRW
6" frosted lens white

CD34LENS-6FRK
6" frosted lens black

CD34LENS-6FRZ
6" frosted lens bronze

5-Year Limited 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.

CD34-6WZ/RGB

RAB®

Dimensions

5 11/16"

8 5/16"

13"

Features

Slim style 3", 4" and 6" wall mount for outdoor use. 4" and 6" surface, cord, or pendant mount for indoor use.

Aluminum extrusion housing and die-cast covers available in black, bronze, or white.

Wireless Bluetooth Mesh control with Lightcloud Blue

RGB models with tunable white 2200-6500K CCT, 16+ million colors

Wireless dimming for all models; integrated photocell for wall mount versions

Ordering Matrix

Family	Size/Wattage	Mounting	Light Direction	CRI/Color Temp	Driver	Finish	RGB Color Tuning
CD34	6	W				Z	/RGB
	3 = 3", 10/8/6W **4 =** 4", 20/16/12W **6 =** 6", 36/28/22W	**W =** Wall	**Blank =** Selectable-Down, Up or Both	**Blank =** 90 CRI, 3000/4000/5000K	**Blank =** 120-277V, 0-10V Dimming	**Z =** Bronze **K =** Black **W =** White	**Blank =** None **/RGB =** Color Tuning 16+ million colors; Tunable White 2200-6500K

Need help? Tech help line: **(888) 722-1000** Email: **techsupport@rablighting.com** Website: **www.rablighting.com**

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