



Project:	Type:
Prepared By:	Date:

Driver Info		LED Info	
Type	Constant Current	Watts	20/16/12W
120V	0.17A	Color Temp	3000/4000/5000K
208V	0.10A	Color Accuracy	90 CRI
240V	0.09A	L70 Lifespan	50,000 Hours
277V	0.08A	Lumens	2000/1600/1200 lm
Input Watts	20/16/12W	Efficacy	100

Technical Specifications

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.

Wattage Equivalency:

125W/100W/75W

Input Wattage:

20/16/12W

Lumens (Nominal):

2000/1600/1200lm

Efficacy (±10%):

100lm/W

L70 Lifespan:

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

Electrical

Driver:

Constant Current, 50-60 Hz, 120V-277V

THD:

≤20%

Power Factor:

≥0.9

Dimmable:

Yes, dimmable down to 5% on compatible 0-10V dimming systems. See Dimmer Compatibility List. Requires separate 0-10V DC dimming circuit.

Input Voltage:

120-277V

Operating Frequency:

50/60Hz

Input Current @ 120V (mA):

165mA

Input Current @ 208V (mA):

98mA

Input Current @ 240V (mA):

85mA

Input Current @ 277V (mA):

75mA

Operating Temperature:

-40°F to 120°F (-40°C to 45°C)

Flicker:

≤1%

Photocell:

Integrated photocell included with on/off switch

LED Characteristics

Beam Angle:

40° (installed)

Field swappable optics sold separately for 25°/40°/60° beam angle_

Light Distribution:

Selectable dip switch for up, down, or up/down light

Color Temperature:

3000/4000/5000K

Color Accuracy (CRI):

90 CRI

R9 Value:

High color performance with R9 greater than 0

Color Consistency:

<6-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Technical Specifications (continued)

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.

Installation

Mounting:

Wall mount

Construction

Size:

4"

Shape:

Cylinder

Finish:

White

Enclosure Material:

Die-cast aluminum and polycarbonate

Lens Finish:

Clear (installed)

Frosted lens accessory sold separately

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

IP Rating:

IP65

Certification Model Number:

CD2004(CD34-4WW)

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 IESNA lm-79 and lm-80.

RoHS:

Mercury and UV free. RoHS-compliant components.

FCC:

Complies with Part 15 of the FCC Rules

Other

Compatible Accessories:

CD34REF-425D

25° reflector

CD34REF-440D

40° reflector

CD34REF-460D

60° reflector

CD34LENS-4FRW

4" frosted lens white

CD34LENS-4FRK

4" frosted lens black

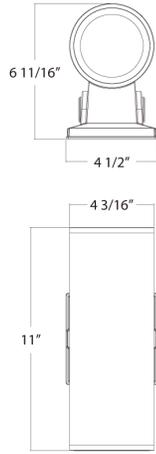
CD34LENS-4FRZ

4" 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.

Dimensions



Features

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

Field interchangeable optics sold separately for 25°/40°/60° beam angle

Field-adjustable color temperature 3000/4000/5000K (indoor); 2700/3000/3500/4000/5000K (outdoor).

Dimmable on 0-10V systems (indoor); integrated photocell (outdoor)

Ordering Matrix

Family	Size/Wattage	Mounting	Light Direction	CRI/Color Temp	Driver	Finish	RGB Color Tuning
CD34	4	W				W	
	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