CD34-6WK

RAB

Color: Black

Weight: 6.3 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	36/28/22W

LED Info

Watts	36/28/22W
Color Temp	3000/4000/5000K
Color Accuracy	90 CRI
L70 Lifespan	50,000 Hours
Lumens	3300/2750/2100 lm
Efficacy	95

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:
200W/180W/140W

Input Wattage:
36/28/22W

Lumens (Nominal):
3300/2750/2100lm

Efficacy (±10%):
95lm/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):
300mA

Input Current @ 208V (mA):
169mA

Input Current @ 240V (mA):
146mA

Input Current @ 277V (mA):
127mA

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:
60° (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 CCT Adjustable

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

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Technical Specifications (continued)

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:
Black

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:
CD2002(CD34-6WK)

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-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.

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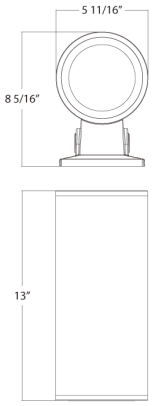
Dimensions



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	6	W				K	
	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

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