



Economical cylinders with field adjustable options to fit any indoor or outdoor application.

Color: Black

Weight: 4.9 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.18A
208V	0.11A
240V	0.09A
277V	0.08A
Input Watts	20W

LED Info

Watts	20W
Color	Field Adjustable
Temp	5000K/4000K/3500K/3000K/2700K
Color Accuracy	90 CRI
L70 Lifespan	100,000 Hours
Lumens	1,433 lm
Efficacy	74

Technical Specifications

Performance

Description:

This 4-inch CD34 cylinder is dimmable and ideal for surface or pendant mounting in indoor applications. This fixture provides superior downward facing light with a frosted lens and field adjustable color temperates from 5000/4000/3500/3000/2700K

Product Type:

Economy Cylinder

Wattage Equivalency:

Equivalent to 100W Incandescent

Input Wattage:

20W

Lumens (Nominal):

1,433 lm

Efficacy:

74 lm/W

Note:

Lumens and efficacy values are based on the highest wattage output at 3000K

L70 Lifespan:

100,000-Hour LED lifespan based on IES LM-70 results

Electrical

Driver:

Constant Current, Non-Isolated Driver, 50/60 Hz, 120-277V, 120V: 0.18A, 208V: 0.11A, 240V: 0.09A, 277V: 0.08A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 5%.

THD:

<20%

Power Factor:

>0.9

Dimmable:

Yes, 0-10V continuous dimming

Input Voltage:

120-277V

Technical Specifications (continued)

Electrical

Operating Frequency:

50/60Hz

Operating Temperature:

-22°F - 122°F (30°C - 50°C)

Flicker:

<30%

LED Characteristics

LEDs:

LED array provides a uniform source with high efficiency and no pixilation

Color Temperature:

Field Adjustable: 5000K/4000K/3500K/3000K/2700K

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

Installation

Mounting:

Surface Mount. Pendant mount accessories available (sold separately).

Construction

Size:

4"

Shape:

Cylinder

Finish:

Formulated for high durability and long-lasting color

Housing Material:

Cylinder aluminum extrusion/cover aluminum die casting

Lens:

Regressed lens constructed from impact resistant polycarbonate. Convex lens gives the optic a similar lamp-like appearance. Provides smooth and diffuse light distribution.

Lens Finish:

Frosted

Optical

Beam Angle:

50°

Compliance

Indoor/Outdoor:

Suitable for indoor and outdoor use

Environment:

Suitable for use in dry, damp, wet environments

Fixture Rating:

Open

ENERGY STAR V2.2:

ENERGY STAR® Version 2.2 Certified

Energy Star Model Number:

CD1013(CD34FA4SP-20-509-KF)

California Energy Commission (CEC) Status:

Not lawful for sale 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

Accessories:

[CD34STEM-K](#)

Black stem for pendant mount

5 Yr 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.

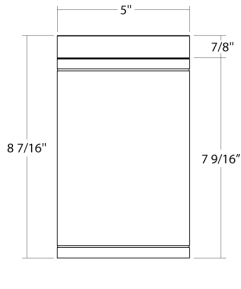
Note:

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

Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

Dimensions



Features

- Aluminum extrusion housing and die-casting covers
- Field adjustable color temperatures between 5000/4000/3500/3000/2700K
- Smooth, diffused downward light output
- Pendant mount accessory sold separately
- 0-10V dimming
- 90 CRI provides high color rendering

Ordering Matrix

Family	Size	Mounting	Wattage	Optic	Color Temp	CRI	Finish	Voltage	Lens
CD34FA	4	SP	20	50		9	K		F
	4 = 4" 6 = 6"	SP = Surface/Pendant	20 = 20W (4" only) 30 = 30W (6" only)	50 = 50° beam ¹ 70 = 70° beam ³	Blank = 5000K/4000K/3500K/3000K/2700K Selectable	9 = 90 CRI	W = White K = Black Z = Bronze	Blank = 120-277V	C = Clear F = Frosted

¹ *Pendant accessory must be purchased for pendant mounts (CD34STEM-K, CD34STEM-W, CD34STEM-Z)

² 4" models only available in 50Å°

³ 6" models only available in 70Å°