



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

Color: Black

Weight: 4.9 lbs

<b>Project:</b>	<b>Type:</b>
<b>Prepared By:</b>	<b>Date:</b>

Driver Info		LED Info	
Type	Constant Current	Watts	20W
120V	0.18A	Color	Field Adjustable
208V	0.11A	Temp	5000K/4000K/3500K/3000K/2700K
240V	0.09A	Color Accuracy	90 CRI
277V	0.08A	L70	100,000 Hours
Input Watts	20W	Lumens	1,573 lm
		Efficacy	81

**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 clear 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):**

1,573 lm

**Efficacy:**

81 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:

Clear

### 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:

CD1010(CD34FA4SP-20-509-KC)

#### 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](http://rablighting.com/warranty).

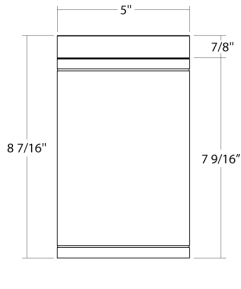
#### Note:

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		C
	4 = 4" 6 = 6"	SP = Surface/Pendant	20 = 20W (4" only) 30 = 30W (6" only)	50 = 50° beam <sup>1</sup> 70 = 70° beam <sup>3</sup>	Blank = 5000K/4000K/3500K/3000K/2700K Selectable	9 = 90 CRI	W = White K = Black Z = Bronze	Blank = 120-277V	C = Clear F = Frosted

<sup>1</sup> \*Pendant accessory must be purchased for pendant mounts (CD34STEM-K, CD34STEM-W, CD34STEM-Z)

<sup>2</sup> 4" models only available in 50Å°

<sup>3</sup> 6" models only available in 70Å°