



Project:	Type:
Prepared By:	Date:

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Technical Specifications

Performance

Product Type:

Cylinder Surface Pendant 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:

175/140/105W

Input Wattage:

30/24/18W

Nominal Lumens:

2700/2160/1620lm

Efficacy:

90lm/W

Lifespan:

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

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):

250mA

Input Current @ 208V (mA):

145mA

Input Current @ 240V (mA):

128mA

Input Current @ 277V (mA):

110mA

Operating Temperature:

-40°F to 120°F (-40°C to 45°C)

Flicker:

≤1%

LED Characteristics

Beam Angle:

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

Light Distribution:

Down

Color Temperature:

2700/3000/3500/4000/5000K

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

Installation

Mounting:

Surface or Pendant mount (pendant stem sold separately)

Technical Specifications (continued)

Construction

Size:
6"

Shape:
Cylinder

Finish:
White

Enclosure Material:
Die-casting aluminum + PC

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

Energy Star Approved:
No

DLC Listed:
No

Certification Model Number:
CD2010(CD34-6SPW)

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
63" frosted lens bronze

CD34STEM-K
Pendant stem black

CD34STEM-Z
Pendant stem bronze

CD34STEM-W
Pendant stem white

Warranty:
RAB warrants that our LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Ordering Matrix

Family	Size/Wattage	Mounting	CRI/Color Temp	Driver	Finish
CD34	6	SP			W
4 = 4", 20/16/12W 6 = 6", 30/24/18W SP = Surface or Pendant Blank = 90 CRI, 2700/3000/3500/4000/5000K Blank = 120-277V, 0-10V Dimming W = White K = Black Z = Bronze					