



Technical Specifications (continued)

5-Year, No-Compromise 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.

Electrical

Drivers:

Constant Current, Class 2 with 6kV surge protection, 120-277VAC, 50/60 Hz, 120V: 0.45A, 208V: 0.26A, 240V: 0.19A, 277V: 0.12A

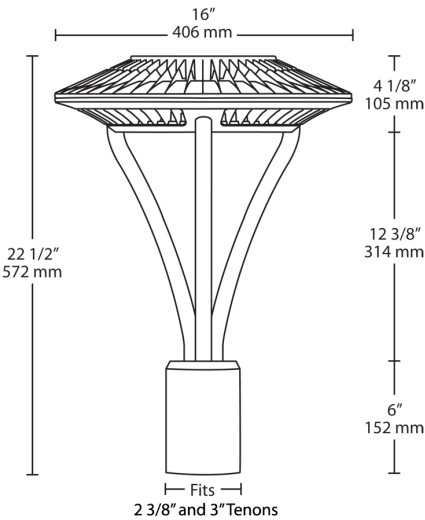
THD:

3.27% at 120V, 6.42% at 277V

Power Factor:

99.9% at 120V, 96.4% at 277V

Dimensions



Features

- IES type V (circular) distribution
- 100,000-hour LED lifespan
- Compatible with standard 2 3/8" and 3" tenons
- "Air-Flow" fins for maximum heat dissipation
- 5-Year, No-Compromise Warranty

Ordering Matrix

Family	Distribution	Wattage	Color Temp	Finish	Driver Option	Options	Other Options
ALED	5T	52	Y	K			
5T = Type V		26 = 26W 52 = 52W 78 = 78W	Y = 3000K Warm N = 4000K Neutral Blank = 5000K Cool	Blank = Bronze W = White K = Black RG = Gray	Blank = 120-277V /480/D10 = 480V w/Dimmable /480 = 480V /BL = Bi-Level /D10 = Dimmable	/LC = Lightcloud /PCT4 = 480V Twistlock Photocell /PCT = 120-277V Twistlock Photocell Blank = No Option	Blank = Standard USA = BAA Compliant



Project: 	Type:
Prepared By: 	Date:

Driver Info		LED Info	
Type	Constant Current, Class A	Watts	10/8/06W
120V	0.11A	Color Temp	2700/3000/3500/4000/5000K
208V	N/A	Color Accuracy	90 CRI
240V	N/A	L70 Lifespan	50,000 Hours
277V	0.04A	Lumens	1000/800/600 lm
Input Watts	10/8/06W	Efficacy	113/112/110 lm/W

Technical Specifications

Performance

Product Type:

Commercial Downlight

Description:

The CR commercial downlight offers best-in-class flexibility by adding universal dimming, which allows for both TRIAC & 0-10V dimming, making it a great choice for residential & commercial installations.

Wattage Equivalency:

23W CFL

Input Wattage:

10/8/6W

Lumens (Measured):

6W

637lm @ 2700K; 653lm @ 3000K; 669lm @ 3500K; 680lm @ 4000K; 693lm @ 5000K

8W

835lm @ 2700K; 859lm @ 3000K; 883lm @ 3500K; 899lm @ 4000K; 909lm @ 5000K

10W

1,048lm @ 2700K; 1,082lm @ 3000K; 1,116lm @ 3500K; 1,138lm @ 4000K; 1,143lm @ 5000K

Efficacy:

113/112/110lm/W

L70 Lifespan:

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

Electrical

Driver:

Constant Current, Class A 120-277V 50/60 Hz; 120V: 110mA; 277V: 37mA

THD:

≤20%

Power Factor:

≥0.9

Dimmable:

Yes, dimmable down to 10% on compatible TRIAC/ELV and 0-10V dimming systems. See Dimmer Compatibility List.

Input Voltage:

120-277V

Operating Frequency:

50/60Hz

Operating Temperature:

-4°F to 104°F (-20 to 40°C)

Flicker:

≤30%

Battery Backup:

Sold separately

LED Characteristics

Beam Angle:

85°±10°

Color Temperature:

Default: 2700K
Field adjustable via dip switch
2700/3000/3500/4000/5000K

Color Tuning:

No

Color Accuracy (CRI):

90 CRI

Natural Spectrum:

No

R9 Value:

High color performance with R9 greater than 50

Color Consistency:

<4-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

Integrated Driver:

Driver is integrated on top of the light fixture and connects to junction box (not included) using the provided MC Whip cable.

Mounting:

Stainless steel spring action clips allow for both easy direct installation from 1/2" to 2" ceiling thicknesses and field accessibility below the ceiling for service or replacement.

Installation Types:

Designed for remodel or direct mounting in the ceiling, or can be retrofitted into existing commercial downlight housings.

Construction

Size:

4"

Shape:

Round

Finish:

White

Enclosure Material:

Made from spun aluminum which maximizes passive cooling to ensure long lifespan

Trim Style:

Spun aluminum trim with smooth splay reflector

Lens Finish:

Polycarbonate light diffuser distributes light evenly and smoothly for general lighting applications

Lens:

Polycarbonate light diffuser distributes light evenly and smoothly for general lighting applications

Compliance

Listings:

UL Listed, UL Classified

Environment:

Suitable for use indoors and outdoors in dry, damp, or wet environments.

IC Rated:

Suitable for direct contact with insulation.
Type IC inherently protected, suitable for direct contact to air permeable insulation and cULus listed for damp locations. Not for use in direct contact with spray foam insulation, consult NEMA LSD57-2013.

Air Tight:

Housing certified Air Tight as per ASTM E283

Energy Star Approved:

This product is ENERGY STAR® Version 2.2 Certified

Certification Model Number:

DLC1006(CR4)

California Title 20 Compliant:

No

California Title 24 JA8 Compliant:

Can be used to conform with the requirements of California Title 24 Part 6.

California Energy Commission (CEC) Status:

Lawful for Sales in California

NEC Compliant:

Suitable for use in closets. Compliant with NEC Sec. 410.16 (A)(1) and 410.16 (C3).

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

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

Other

Compatible Accessories:

DL4-6GOOF/R/P/CRLEDFA
4"-6" Goof ring white round

DLTRIM/CRLEDFA4R-BS
4" Color trim, round, smooth black

DLTRIM/CRLEDFA4R-BNS
4" Color trim, round, smooth brushed nickel

DLTRIM/CRLEDFA4R-BRS
4" Color trim, round, smooth bronze

DLTRIM/CRLEDFA4R-HW
4" Color trim, round, smooth haze white

DLTRIM-4RW-WW
4" Color trim, round, smooth, wall wash white

DLPLATE/C3468R/NB
3", 4", 6", 8" Mounting plate w/nailer bar

DLPLATE/WFR3456
3", 4", 5", 6" Mounting plate

DLPLATE/WFR3468/NB
3", 4", 6", 8" Mounting plate w/nailed bar

DLPLATE/WFR4/NB/CL
4" Mounting plate w/nailed bar and drywall collar

DLPLATE/WFR4
4" Mounting plate

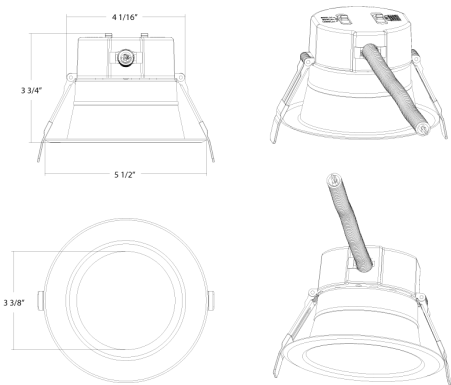
ND22-RFRAME
Retrofit mounting frame

DRI-21-EMGR-DC-D10
Emergency driver T20

5-Year, No-Compromise Warranty:

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Dimensions



Features

- Universal dimming technology allows for both 120V TRIAC/ELV dimming and 0-10V dimming in 1 SKU for incredible design flexibility
- 3 selectable brightness levels & 5 selectable CCTs (2700/3000/3500/4000/5000K)
- Suitable for new construction & remodel installations
- Deep regress lens for optimal glare control
- Multiple accessories available, including color trims and new construction mounting plates

Ordering Matrix

Family	Size/Wattage	Shape	CRI/Color Temp	Driver	Finish	Trim
CR	4					
	4 = 4", 10/8/6W 10 = 10", 37/30/24W 8 = 8", 30/24/16W 6 = 6", 21/17/10W	Blank = Round	Blank = 90 CRI, 2700/3000/3500/4000/5000K CCT Adjustable	Blank = 120-277V, 0-10V + TRIAC/ELV	Blank = White Cone, White Flange HW = Haze Cone, White Flange	Blank = Smooth



Color: Bronze

Weight: 3.2 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.11A
208V	0.07A
240V	0.06A
277V	0.06A
Input Watts	13.1-13.4W

LED Info

Watts	15W
Color Temp	3500/4000/5000K
Color Accuracy	80 CRI
L70 Lifespan	50,000 Hours
Lumens	1740-1814 lm
Efficacy	130.3-138.5 lm/W

Technical Specifications

Performance

Product Type:

Teardrop Mini Wall Pack

Description:

Teardrop style mini wall pack made of anti-corrosion, die-cast housing with selectable photocell. Available in AC-only & battery back up versions_ with integrated test switch.

Wattage Equivalency:

50W CFL

Input Wattage:

18.5W

Lumens (Nominal):

1,740/1,814/1,775lm

Lumens (Measured):

1,740lm @ 3500K
1,814lm @ 4000K
1,775lm @ 5000K

Efficacy:

130/138/133lm/W

L70 Lifespan:

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

Driver:

Constant Current, Class 2 120-277 50/60 Hz; 120V: 160mA; 208V: 100mA; 240V: 85mA; 277V: 80mA

Electrical

THD:

<40%

Power Factor:

0.85

Dimmable:

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

Flicker:

<70%

Surge Protection:

2.5 kV

Emergency Operation:

90 minutes

Emergency Lumens:

594lm @ 3500K
589lm @ 4000K
628lm @ 5000K

Sensor Settings

Operating Temperature:

-4°F to 122°F(-20°C to 50°C)

Photocell:

Yes, selectable dipswitch

LED Characteristics

Beam Angle:

100°

Color Temperature:

Field adjustable via dip switch 3000/4000/5000K

Color Accuracy (CRI):

>80 CRI

R9 Value:

4/6/-2

Color Consistency:

<6-step (3500K/5000K) <7-step (4000K) MacAdam
Ellipse binning to achieve consistent fixture-to-
fixture color

Color Stability:

LED color temperature is warrantied to Shift no more
than 200K in color temperature over a 5-year period

Technical Specifications (continued)

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 mounted

Construction**Shape:**

Round

Finish:

Bronze

Enclosure Material:

Aluminum

Air Tight:

Housing certified Air Tight as per ASTM-E283

Compliance**Listings:**

UL Listed, UL Classified

Environment:

Suitable for use indoors and outdoors in dry, damp, or wet environments.

IP Rating:

IP65

DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

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.

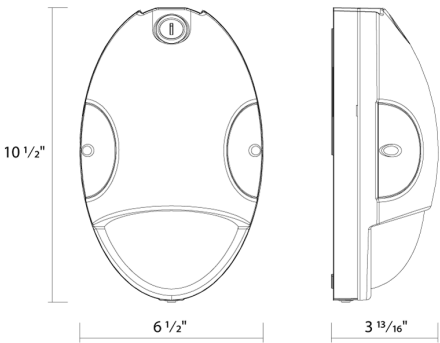
FCC:

Complies with Part 15 of the FCC Rules

Other**5-Year, No-Compromise 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.

Dimensions



Features

- 3 Selectable color temperatures - 3500/4000/5000K_
- Anti-corrosion, die-cast housing_
- Integrated selectable photocell_
- Available in AC-only & battery backup versions_ with integrated test switch
- UL924, DLC 5.1, IP65 Rated

Ordering Matrix

Family	Wattage	Shape	CRI/Color Temp	Driver	Finish	Battery Backup
DROP						/E
	Blank = 15W	Blank = Round	Blank = 80 CRI, 3000/4000/5000K	Blank = 120-277V	Blank = Bronze W = White B = Black	Blank = None /E = Battery Backup



Color: Bronze

Weight: 13.2 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.67A
208V	0.40A
240V	0.34A
277V	0.30A
Input Watts	79.8/56.2/39.8W

LED Info

Watts	80W
Color Temp	3000K (Warm)
Color Accuracy	82 CRI
L70 Lifespan	100,000 Hours
Lumens	10,433/7,710/5,608 lm
Efficacy	130.7/137.2/140.9 lm/W

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):

Field adjustable light output in 3 discrete steps:
Small Housing: 80W/60W/40W (factory default 80W)

Compliance

UL Listed:

Suitable for wet locations

IP Rating:

Ingress protection rating of IP66 for dust and water

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.

Dark Sky Conformance:

Dark Sky Approved in 3000K. Conforms to (allows for conformance to) the IDA's fully shielding requirement, emitting no light above 90 degrees (with the exclusion of incidental light reflecting from fixture housing, mounts, and pole).

Light Usage for Night Applications:

This product has received the Design Lights Consortium's LUNA listing for 3000K Models. Designed to meet LUNA 5.1 requirements.
LUNA Product Code: S-SCVY8Z

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

LUNA:

This product has received the Design Lights Consortium's LUNA listing. Designed to meet LUNA 5.1 requirements.
LUNA Product Code: S-SCVY8Z

LED Characteristics

LEDs:

Long-life, high-efficacy, discrete, surface-mount LEDs

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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 (SSL) Products, ANSI C78.377-2017.

Electrical

Driver:

40W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

60W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.50A, 208V: 0.30A, 240V: 0.25A, 277V: 0.22A

80W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.67A, 208V: 0.40A, 240V: 0.34A, 277V: 0.30A

Dimming Driver:

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

THD:

2.32% at 120V, 6.65% at 277V

Power Factor:

99.9% at 120V, 96.6% at 277V

Surge Protection:

Line to Line: 10 kV
Line to Ground: 6 kV

Technical Specifications (continued)

Performance

Lifespan:

100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

Wattage Equivalency:

Equivalent to 250W Metal Halide

Optical

IES Classification:

The Type III distribution is meant to be located near the side of an area, projecting the light outward to fill the area. Ideal for roadways, general parking areas, lighting applications and where a large pool of light is required.

BUG Rating:

60W: B1 U0 G2

60W: B1 U0 G2

40W: B1 U0 G1

Construction

Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

Ambient Temperature :

Max Power Temp Rating: 104°F (40°C)

Middle Power Temp Rating: 52°C (125°F)

Low Power Temp Rating: 58°C (137°F)

Housing:

Die-cast aluminum

Reflector:

Aluminum reflector with white polycarbonate

Vibration Rating:

3G vibration rating per ANSI C136.31

Effective Projected Area (EPA):

1 Fixture: 0.35

2 Fixtures at 90°: 0.54

2 Fixtures at 180°: 0.7

3 Fixtures at 90°: 0.9

4 Fixtures at 90°: 0.9

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole adapter plate included as a standard. Easy slide and lock to mount fixture with ease.

Sensor Settings

Multi Level Motion Sensor:

/WS2 sensor options use state-of-the-art surface mount technology (SMT), just like cellular phones and beepers. SMT gives you more reliability, greater RF immunity. This compact sensor that can fit neatly where others cannot. This sensor technology automatically affects the state of operation for lighting systems or individual luminaries based upon detecting the presence or absence of movement for both people as they exit/enter, or for the motion of moving vehicles within the sensors viewing area. The wide 180° viewing angle can detect movement along the entire side of a building with only one compact sensor. The hard lens is molded as part of the case, vandalproof, rainproof, bugproof and absolutely sealed. Sensor functions best when movement is across its detection pattern, not towards the sensor.

Handheld Wireless Configuration Tool:

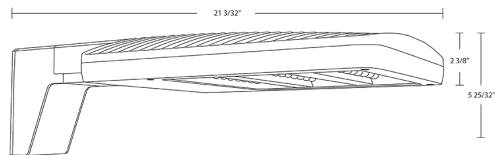
Adjust settings using handheld wireless configuration tool (catalog# WSREM). Only available with 0-10V dimming driver options. [Handheld wireless configuration tool available here.](#)

Other

10-Year, No-Compromise Warranty:

RAB warrants that our LED products will be free from defects in materials and workmanship for a period of ten (10) 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.

Dimensions



Features

- 0-10V dimmable standard
- IP66 Rated
- 100,000-Hour LED lifespan
- 10-Year, No-Compromise Warranty

Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Driver	Options
ALED	S	3T		Y			/WS2
	S = Small (80W/60W/40W) XL = Extra Large (385W/345W/300W) L = Large (260W/220W/170W) M = Medium (150W/90W/78W)	4T = Type IV AT = Auto Dealership Optic 5T = Type V 3T = Type III 2T = Type II	Blank = Universal Pole Mount WM = Wall Mount SF = Slipfitter	N = 4000K Neutral Y = 3000K Warm ¹ Blank = 5000K Cool	Blank = Bronze W = White B = Black	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = No Option /7PR = 7 Pin Twistlock Receptacle /WS2 = Wattstopper, 20ft lens /WS4 = Wattstopper, 40ft lens ³

¹ Dark sky approved in 3000K, available only on Small and Medium fixtures

² 480V available only on Medium, Large & Extra Large fixtures

³ Wattstopper option available only on Large & Extra Large fixtures



Color: Bronze

Weight: 13.2 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.67A
208V	0.40A
240V	0.34A
277V	0.30A
Input Watts	81.3/57.3/40.5W

LED Info

Watts	80W
Color Temp	3000K (Warm)
Color Accuracy	82/82/83 CRI
L70 Lifespan	100,000 Hours
Lumens	11,010/8,136/5,918 lm
Efficacy	135.4/142/146.1 lm/W

Technical Specifications

Field Adjustability

Field Adjustable (Wattage):

Field adjustable light output in 3 discrete steps:
Small Housing: 80W/60W/40W (factory default 80W)

Compliance

UL Listed:

Suitable for wet locations

IP Rating:

Ingress protection rating of IP66 for dust and water

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.

Dark Sky Conformance:

Dark Sky Approved in 3000K. Conforms to (allows for conformance to) the IDA's fully shielding requirement, emitting no light above 90 degrees (with the exclusion of incidental light reflecting from fixture housing, mounts, and pole).

Light Usage for Night Applications:

This product has received the Design Lights Consortium's LUNA listing for 3000K Models. Designed to meet LUNA 5.1 requirements.
LUNA Product Code: S-QPUBEM

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

LUNA:

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LUNA Product Code: S-QPUBEM

LED Characteristics

LEDs:

Long-life, high-efficacy, discrete, surface-mount LEDs

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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 (SSL) Products, ANSI C78.377-2017.

Electrical

Driver:

40W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

60W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.50A, 208V: 0.30A, 240V: 0.25A, 277V: 0.22A

80W: Constant Current, Class 2, 120-277V, 50/60 Hz, 120V: 0.67A, 208V: 0.40A, 240V: 0.34A, 277V: 0.30A

Dimming Driver:

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

THD:

1.94% at 120V, 6.65% at 277V

Power Factor:

99.9% at 120V, 96.6% at 277V

Surge Protection:

Line to Line: 10 kV
Line to Ground: 6 kV

Technical Specifications (continued)

Performance

Lifespan:

100,000-Hour LED lifespan based on IESlm-80 results and TM-21 calculations

Wattage Equivalency:

Equivalent to 250W Metal Halide

Optical

IES Classification:

The Type V distribution produces light in a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots, corporate parks and retail settings

BUG Rating:

80W: B3 U0 G2

60W: B3 U0 G1

40W: B3 U0 G1

Construction

Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

Ambient Temperature :

Max Power Temp Rating: 104°F (40°C)

Middle Power Temp Rating: 52°C (125°F)

Low Power Temp Rating: 58°C (137°F)

Housing:

Die-cast aluminum

Reflector:

Aluminum reflector with white polycarbonate

Vibration Rating:

3G vibration rating per ANSI C136.31

Effective Projected Area (EPA):

1 Fixture: 0.35

2 Fixtures at 90°: 0.54

2 Fixtures at 180°: 0.7

3 Fixtures at 90°: 0.9

4 Fixtures at 90°: 0.9

Gaskets:

High-temperature silicone gaskets

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Installation

Mounting:

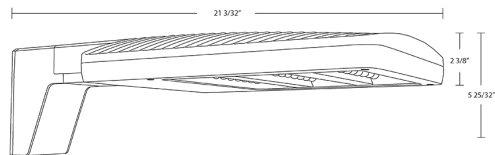
Universal mounting arm compatible for hole spacing patterns from 1" to 5 1/2" center to center. Round Pole adapter plate included as a standard. Easy slide and lock to mount fixture with ease.

Other

10-Year, No-Compromise Warranty:

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Dimensions



Features

- 0-10V dimmable standard
- IP66 Rated
- 100,000-Hour LED lifespan
- 10-Year, No-Compromise Warranty

Ordering Matrix

Family	Housing Size	Distribution	Mounting	Color Temp	Finish	Driver	Options
ALED	S	5T		Y			
	S = Small (80W/60W/40W) XL = Extra Large (385W/345W/300W) L = Large (260W/220W/170W) M = Medium (150W/90W/78W)	4T = Type IV AT = Auto Dealership Optic 5T = Type V 3T = Type III 2T = Type II	Blank = Universal Pole Mount WM = Wall Mount SF = Slipfitter	N = 4000K Neutral Y = 3000K Warm ¹ Blank = 5000K Cool	Blank = Bronze W = White B = Black	Blank = 120-277V, 0-10V Dimming /480 = 480V, 0-10V Dimming	Blank = No Option /7PR = 7 Pin Twistlock Receptacle /WS2 = Wattstopper, 20ft lens /WS4 = Wattstopper, 40ft lens ³

¹ Dark sky approved in 3000K, available only on Small and Medium fixtures

² 480V available only on Medium, Large & Extra Large fixtures

³ Wattstopper option available only on Large & Extra Large fixtures



Color: Bronze

Weight: 2.0 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.30A/0.21A/0.11A
208V	N/A
240V	N/A
277V	N/A
Input Watts	34.4/25.3/13.1W

LED Info

Watts	34/25/13W
Color Temp	3000K
Color Accuracy	85/85/85 CRI
L70 Lifespan	50,000 Hours
Lumens	3,638/2,760/1,467 lm
Efficacy	105.7/109.1/120 lm/W

Technical Specifications

Field Adjustability

Field Adjustable:

Field Adjustable Light Output:
34/25/13 (factory default 34W)

Compliance

UL Listed:

Suitable for wet locations

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.

IP Rating:

Ingress protection rating of IP65 for dust and water

Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

DLC Listed:

This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at [designlights.org](https://www.designlights.org) to confirm the qualification status of a specific SKU prior to specification or purchase.

LUNA:

This product has received the Design Lights Consortium's LUNA listing. Designed to meet LUNA 5.1 requirements.
LUNA Product Code: S-HSGKDV

Performance

Lifespan:

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

Wattage Equivalency:

34W: Replaces up to 150W Metal Halide (MH) or 100W High Pressure Sodium (HPS)

25W: Replaces up to 100W Metal Halide (MH) or 100W High Pressure Sodium (HPS)

13W: Replaces up to 70W Metal Halide (MH) or 50W High Pressure Sodium (HPS)

LED Characteristics

LEDs:

Long-life, high-efficacy, surface-mount LEDs

Color Consistency:

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

Construction

Cold Weather Starting:

The minimum starting temperature is -40°F (-40°C)

Maximum Ambient Temperature:

Suitable for use in up to 104°F (40°C)

Housing:

Precision die-cast aluminum / Polycarbonate

Lens:

Polycarbonate lens

Reflector:

Mirror finish on polycarbonate

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Technical Specifications (continued)**Installation****Mounting:**

Hinged wiring access and conduit entries on the back sides, top and bottom make installation a snap

Electrical**Driver:**

Integrated driver, 60 Hz, 120V:

34W: 0.30A

25W: 0.21A

13W: 0.11A

THD:

12.56% at 120V

Power Factor:

99.1% at 120V

Surge Protection:

4 kV

Optical**BUG Rating:**

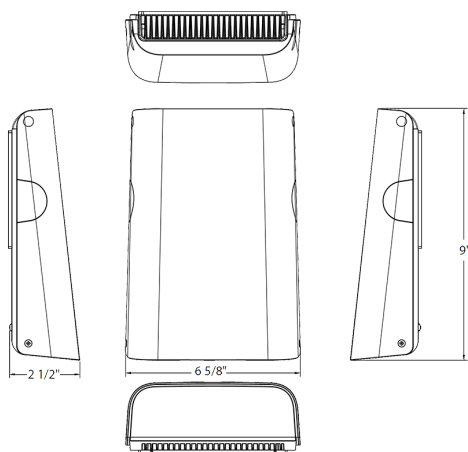
34W: B1 U0 G1

25W: B1 U0 G1

13W: B1 U0 G0

Other**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**

Selectable Wattages

Full cutoff

120V

5-Year, limited warranty

Ordering Matrix

Family	Wattage	Color Temp	Finish	Driver
SLIM15		Y		
Blank = 34/25/13W Y = 3000K N = 4000K Blank = 5000K Blank = Bronze W = White Blank = 120V				



Color: Black

Weight: 2.7 lbs

Project:

Type:

Prepared By:

Date:

Driver Info

Type	Constant Current
120V	0.09A
208V	0.05A
240V	0.04A
277V	0.04A
Input Watts	10/8/06W

LED Info

Watts	10/8/06W
Color Temp	3000/4000/5000K
Color Accuracy	90 CRI
L70 Lifespan	50,000 Hours
Lumens	1000/800/600 lm
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:

75W/60W/45W

Input Wattage:

10/8/6W

Lumens (Nominal):

1000/800/600lm

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):

85mA

Input Current @ 208V (mA):

50mA

Input Current @ 240V (mA):

42mA

Input Current @ 277V (mA):

38mA

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

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:

3"

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:

CD2008(CD34-3WK)

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-325D
25° reflector

CD34REF-340D
40° reflector

CD34REF-360D
60° reflector

CD34LENS-3FRW
3" frosted lens white

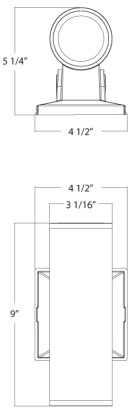
CD34LENS-3FRK
3" frosted lens black

CD34LENS-3FRZ
3" 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	3	W				K	
	3 = 3", 10/8/6W 6 = 6", 36/28/22W 4 = 4", 20/16/12W	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	/RGB = Color Tuning 16+ million colors; Tunable White 2200-6500K Blank = None