X34-100LSF-840W/U

RAB®

General purpose lighting that's pocket friendly.

Color: White	Weight: 7.3 lbs

Project:	Type:
Prepared By:	Date:

Driver Info

Type	Constant Current
120V	0.74A
208V	0.42A
240V	0.37A
277V	0.34A
Input Watts	89.9W

LED Info

Watts	87W
Color Temp	4000K (Neutral)
Color Accuracy	82 CRI
L70 Lifespan	50,000 Hours
Lumens	11,533
Efficacy	128.3 lm/W

Technical Specifications

Compliance

UL Listed:

Suitable for wet locations. Suitable for ground mounting.

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.

DLC Listed:

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.
DLC Product Code: PG2VIXQA

Electrical

Driver:

Constant Current, 120-277V, 50/60 Hz, 120V: 0.74A, 208V: 0.42A, 240V: 0.37A, 277V: 0.34A

Dimming Driver:

Driver includes wiring for 0-10V dimming systems. Dim as low as 10%.

THD:

3.36% at 120V, 4.56% at 277V

Power Factor:

99.7% at 120V, 96.2% at 277V

Note:

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

Optical

NEMA Type:

NEMA Beam Spread of 7H x 7V

LED Characteristics

LEDs:

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

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.

Construction

IP Rating:

Ingress protection rating of IP65 for dust and water

EPA:

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Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Technical Specifications (continued)

Construction

Maximum Ambient Temperature:

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

Housing:

Precision die-cast aluminum

Mounting:

Slipfitter with tilt angle in 10° increments

Lens:

Tempered glass

Finish:

Formulated for high durability and long-lasting color

Green Technology:

Mercury and UV free. RoHS-compliant components.

Tilt Increment:

Rotates in 6 degree increments

Performance

Lifespan:

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

Other

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.
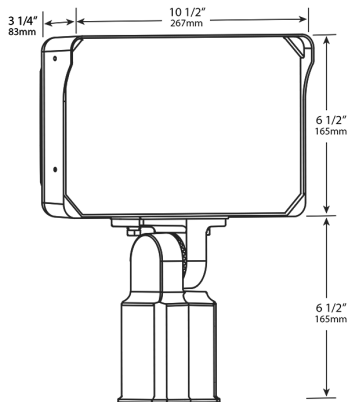
Trade Agreements Act Compliant:

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

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

- Versatile, general-purpose floodlight
- 7H x 7V NEMA distribution
- 0-10V dimming
- IP65 rating protects against dust and water
- 50,000-Hour LED lifespan

Ordering Matrix

Family		Lumen Packages (values are nominal)	Mounting	CRI/Color Temp	Finish	Driver/Voltage
X34	–	100L	SF	-840	W	/U

Lumen Packages	Mounting	CRI/Color Temp	Finish	Driver/Voltage
100L = 11,000 Lumens, 87W **150L** = 18,000 Lumens, 130W **195L** = 20,000 Lumens, 160W	**SF** = Slipfitter **T** = Trunnion	**Blank** = 80 CRI, 5000K **-840** = 80 CRI, 4000K **-830** = 80 CRI, 3000K	**Blank** = Bronze **W** = White	**/U** = 120-277V, 0-10V Dimming

Need help? Tech help line: **(888) 722-1000** Email: **sales@rablighting.com** Website: **www.rablighting.com**

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