ENTRA12W/PC USA

RAB

Project:	**Type:**
Prepared By:	**Date:**

Affordable, high-performance, low-maintenance LED doorway light. Suitable for mounting heights up to 10', and replaces 70W high pressure sodium. 100,000-Hour LED lifespan. 5-Year warranty.

Color: White   Weight: 3.0 lbs

Driver Info
Type:	Constant Current
120V:	0.3A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	14W
Efficiency:	83%

LED Info
Watts:	12W
Color Temp:	5000K
Color Accuracy:	70 CRI
L70 Lifespan:	100000
Lumens:	1284
Efficacy:	89 LPW

Technical Specifications

Listings

UL Listing:

Suitable for wet locations as downlight. Suitable for mounting within 1.2m (4ft) of the ground.

ADA Compliant:

ENTRA™ is ADA Compliant.

IESNA LM-79 & LM-80 Testing:

RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Cold Weather Starting:

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

Maximum Ambient Temperature:

Suitable for use in 40°C (104°F) ambient temperatures

Back Housing:

Die-cast aluminum.

Lens/Housing Cover:

Vandal resistant polycarbonate molded housing cover and lens.

Mounting:

Heavy die cast aluminum with 1/2" back knockout and mounting template for mounting to 4" box.

Recommended Mounting Height:

Up to 10 ft.

Reflectors (2):

White aluminum reflector topped with vacuum metalized polycarbonate LED reflector.

Gaskets:

High-temperature silicone

Finish:

Formulated for high-durability and long lasting color.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

LED Characteristics

LED:

12W multi-chip, long life LED.

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Correlated Color Temp. (Nominal CCT):

5000K

Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Color Consistency:

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

Electrical

Driver:

Constant Current, Class 2, 100-277V, 50/60Hz, 4kV Surge Protection, 350mA, 100-240VAC: 0.3 - 0.15 A, 277VAC: 0.15 A, Power Factor: 98.5%.

THD:

9.9% at 120V

Photocell:

120V Button Photocell Included. Photocell is only compatible with 120V.

Other

Patents:

The design of the ENTRA™ is protected by patents pending in US, Canada, China, Taiwan and Mexico.

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.

Equivalency:

Replaces 70W HPS.

FTC Country of Origin:

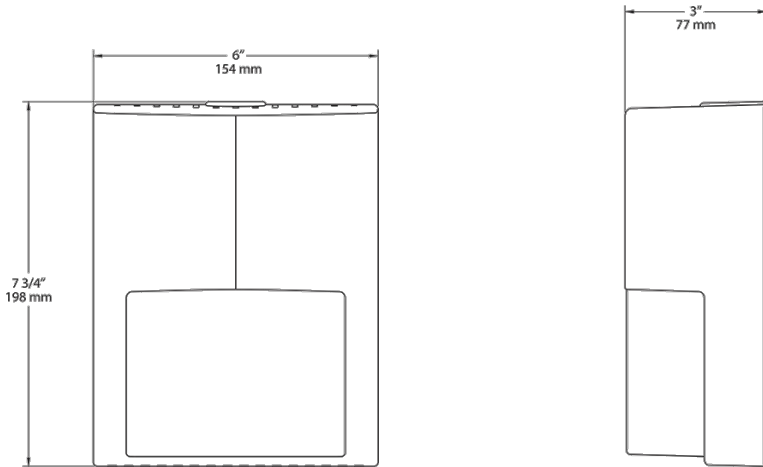This product was assembled in the USA by RAB using imported components.

Technical Specifications (continued)

Other

Buy American Act Compliance:

This product complies with the Buy American Act.

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Dimensions

6"
154 mm

7 3/4"
198 mm

3"
77 mm

Features

Save over $700 in energy costs over life of fixture

Equivalent to 70W high pressure sodium

Durable vandal-resistant polycarbonate housing

Low-profile and ADA compliant

100,000-hour LED lifespan

5-Year warranty

Ordering Matrix

Family	Wattage	Color Temp	Finish	Options
ENTRA	12		W	/PC

	Wattage	Color Temp	Finish	Options
	12 = 12W	**Blank** = 5000K (Cool)	**Blank** = Bronze	**Blank** = No Options
		N = 4000K (Neutral)	**W** = White	**/PC** = 120V Button
		Y = 3000K (Warm)		**/PC2** = 277V Button
				/PCS = 120V Swivel
				/PCS2 = 277V Swivel