ENTRA12YW/PC2

RAB LIGHTING

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

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

Driver Info

Type:	Constant Current
120V:	N/A
208V:	0.3A
240V:	0.3A
277V:	0.3A
Input Watts:	14W
Efficiency:	85%

LED Info

Watts:	12W
Color Temp:	3000K
Color Accuracy:	84 CRI
L70 Lifespan:	100000
Lumens:	876
Efficacy:	62 LPW

Technical Specifications

Electrical

Photocell:

277V Button Photocell Included. Photocell is compatible with 208V-277V.

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: 98.6%.

THD:

10.5 at 120V

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:

The minimum starting temperature is -40°C/-40°F

Maximum Ambient Temperature:

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

Thermal Management:

Superior thermal management with internal Air-Flow fins and external air vents.

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:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

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):

3000K

Color Stability:

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

Color Consistency:

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

Other

California Title 24:

ENTRA12/PC2 with the button photocell (277V) complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture < 30 Watts.

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.

RAB
LIGHTING

Technical Specifications (continued)

Other

Country of Origin:

Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Compliant:

This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).
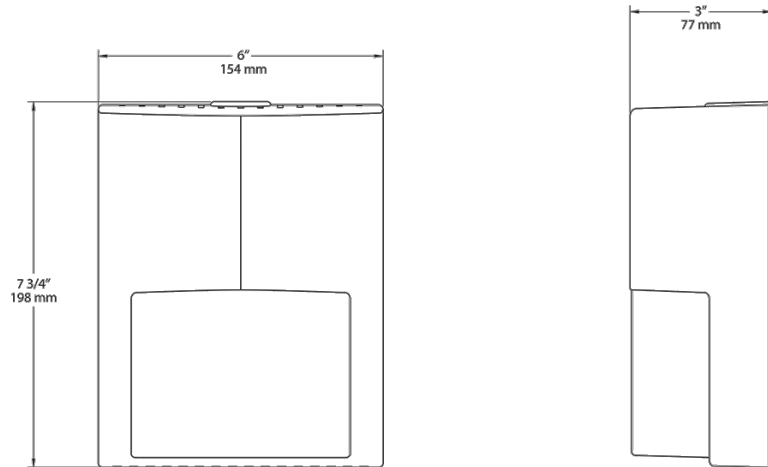
Trade Agreements Act Compliant:

This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

Dimensions

6"
154 mm

3"
77 mm

7 3/4"
198 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	Watts	Color Temp	Finish	Photocell
ENTRA				
	12 = 12W	**Blank** = 5000K (Cool)	**Blank** = Bronze	**/PC** = 120V Button
		Y = 3000K (Warm)	**W** = White	**/PC2** = 277V Button
		N = 4000K (Neutral)		**/PCS** = 120V Swivel
				/PCS2 = 277V Swivel

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

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