ENTRA12W/PCS2

RAB LIGHTING

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:	83%

LED Info

Watts:	12W
Color Temp:	5000K (Cool)
Color Accuracy:	70 CRI
L70 Lifespan:	100,000
Lumens:	1,284
Efficacy:	89 LPW

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

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.

Electrical

Photocell:

277V Swivel Photocell l 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: 98.5%.

THD:

9.9% at 120V

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water.

Cold Weather Starting:

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

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.

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, and RoHS compliant.

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.

Other

Reflectors (2):

White aluminum reflector topped with vacuum metalized polycarbonate LED reflector.

California Title 24:

ENTRA12/PCS2 with the swivel photocell (277V) complies with 2013 California Title 24 building and electrical codes as a commercial outdoor non-pole-mounted fixture < 30 Watts.

Equivalency:

ENTRA™ 12W replaces 70W high pressure sodium.

Patents:

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

Technical Specifications (continued)

Other

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.

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).
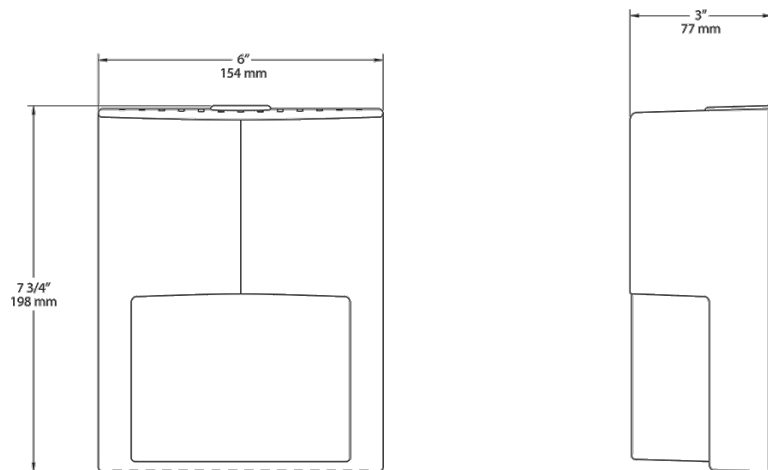
Trade Agreements Act Compliant:

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

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	= Cool	= Bronze	**/PC** = 120V Button
		Y = Warm	**W** = White	**/PC2** = 277V Button
		N = 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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