ENTRA12W/PC





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:	Туре:
Prepared By:	Date:

Driver Info		LED Info	
Type:	Constant Current	Watts:	12W
120V: 208V:	0.3A N/A	Color Temp: Color Accuracy:	5000K (Cool) 70 CRI
240V:	N/A	L70 Lifespan:	100,000
277V:	N/A 14W	Lumens:	1,284
Input Watts: Efficiency:	83%	Efficacy:	89 LPW

Technical Specifications

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ENTRA12 with Photocell:

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

Reflectors (2):

White aluminum reflector topped with vacuum metalized polycarbonate LED reflector.

California Title 24:

ENTRA12/PC 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.

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.

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°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.

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%.

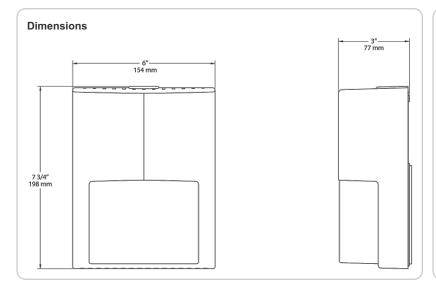


Technical Specifications (continued)

Electrical

THD:

9.9% at 120V



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