

# ENTRA12N/PCS



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: Bronze

Weight: 3.0 lbs

**Project:**

**Type:**

**Prepared By:**

**Date:**

### Driver Info

Type:	Constant Current
120V:	0.3A
208V:	N/A
240V:	N/A
277V:	N/A
Input Watts:	14W
Efficiency:	86%

### LED Info

Watts:	12W
Color Temp:	4000K (Neutral)
Color Accuracy:	88 CRI
L70 Lifespan:	100,000
Lumens:	982
Efficacy:	71 LPW

## Technical Specifications

### Other

#### 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/PCS with the swivel photocell (120V) 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.

#### 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.

#### 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.

## Technical Specifications (continued)

### LED Characteristics

#### Correlated Color Temp. (Nominal CCT):

4000K

#### Color Stability:

LED color temperature is warranted 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.

#### Electrical

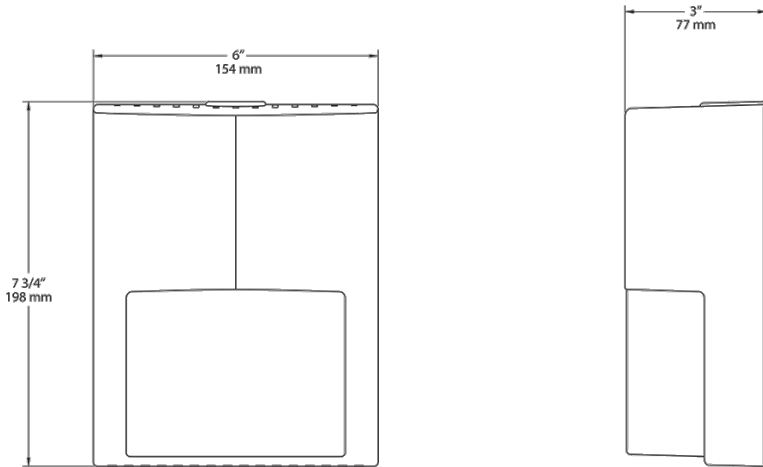
#### Driver:

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: 99%.

#### THD:

10.1% at 120V

## 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 Y = Warm N = Neutral	= Bronze W = White	/PC = 120V Button /PC2 = 277V Button /PCS = 120V Swivel /PCS2 = 277V Swivel