# ENTRA12/PC2

**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, no-compromise warranty.

Color: Bronze                    Weight: 3.0 lbs

### Driver Info

| Type | Constant Current |
|---|---|
| 120V | N/A |
| 208V | 0.3A |
| 240V | 0.3A |
| 277V | 0.3A |
| Input Watts | 14.4W |

### LED Info

| Watts | 12W |
|---|---|
| Color Temp | 5000K (Cool) |
| Color Accuracy | 70 CRI |
| L70 Lifespan | 100,000 Hours |
| Lumens | 1,284 lm |
| Efficacy | 89.2 lm/W |

## Technical Specifications

### 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:**
277V Button photocell Included. Photocell is compatible with 208V-277V.

### Compliance

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

**IP Rating:**
Ingress protection rating of IP66 for dust and water

**ADA Compliant:**
ENTRA™ is ADA Compliant

### LED Characteristics

**LED:**
12W multi-chip, long life LED

**Color Stability:**
LED color temperature is warrantied to shift no more than 200K in color temperature over a 5-year period

**Color Consistency:**
7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

### Performance

**Lifespan:**
100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

**Wattage Equivalency:**
50W HPS

### Construction

**Cold Weather Starting:**
The minimum starting temperature is -40°C (-40°F)

**Maximum Ambient Temperature:**
Suitable for use in up to 40°C (104°F)

**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.

### Other

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

**RAB**

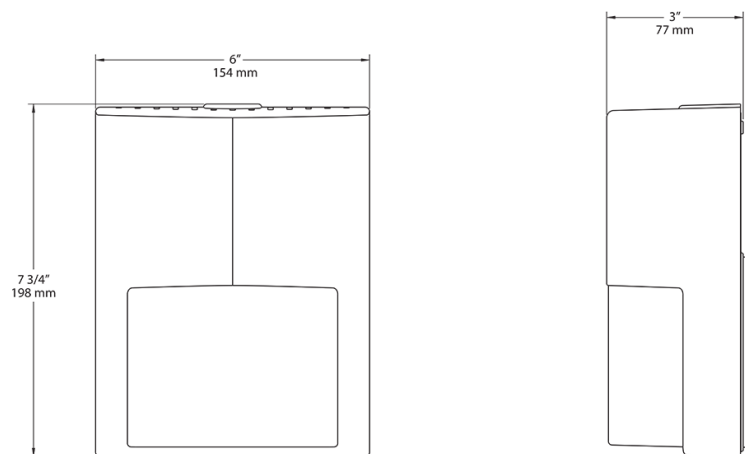## Technical Specifications (continued)

### 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's warranty is subject to all terms and conditions found at rablighting.com/warranty.

### Buy American Act Compliance:
RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

## 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, No-Compromise Warranty

## Ordering Matrix

| Family | Wattage | Color Temp | Finish | Options | Other Options |
|---|---|---|---|---|---|
| ENTRA | 12 | | | /PC2 | |
| | **12** = 12W | **Blank** = 5000K Cool<br>**N** = 4000K Neutral<br>**Y** = 3000K Warm | **Blank** = Bronze<br>**W** = White | **Blank** = No Options<br>**/PC** = 120V Button<br>**/PC2** = 277V Button<br>**/PCS** = 120V Swivel<br>**/PCS2** = 277V Swivel | **Blank** = Standard |

Need help? Tech help line: **(888) 722-1000** Email: sales@rablighting.com Website: **www.rablighting.com**

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