ENTRA12

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

Driver Info

Type:	Constant Current
120V:	0.3A
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:	100000
Lumens:	1284
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, no-compromise warranty.

Color: Bronze   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 and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

Construction

IP Rating:

Ingress Protection rating of IP66 for dust and water

Cold Weather Starting:

Minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature:

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

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. Polyester powder coat finish formulated without the use of VOCs 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

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%.

THD:

9.9% at 120V

Other

Patents:

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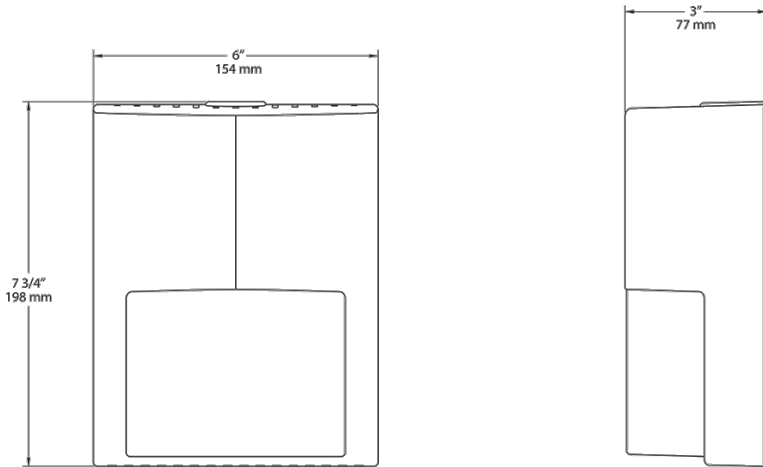
Warranty:

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's warranty is subject to all terms and conditions found at

Equivalency:

Replaces 70W HPS

ENTRA12

Dimensions

6"
154 mm

7 3/4"
198 mm

3"
77 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	^	^	^	^
	12 = 12W	**Blank** = 5000K (Cool)	**Blank** = Bronze	**Blank** = No Options	**Blank** = Standard
		N = 4000K (Neutral)	**W** = White	**/PC** = 120V Button	**USA** = BAA Compliant
		Y = 3000K (Warm)		**/PC2** = 277V Button	
				/PCS = 120V Swivel	
				/PCS2 = 277V Swivel	