ENTRA12W/PCS2



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: White

Weight: 2.9 lbs

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

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

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

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.

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 Swivel photocell l is compatible with 208V-277V

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

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.

Installation

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

Other

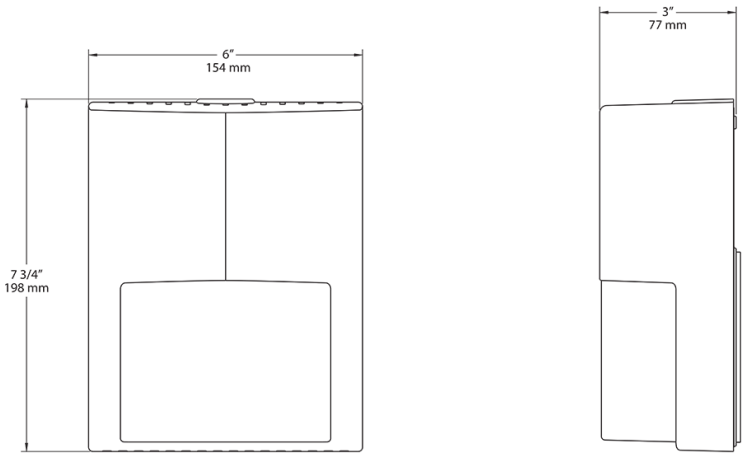
Patents:
The design of the ENTRA™ is protected by patents pending in US, Canada, China, Taiwan and Mexico

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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.

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, No-Compromise Warranty

Ordering Matrix

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

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