# YBLED40Y/PCU

**RAB**

| Project: | Type: |
|---|---|
| Prepared By: | Date: |

### Driver Info

| | |
|---|---|
| Type | Constant Current |
| 120V | 0.4A |
| 208V | 0.217A |
| 240V | 0.188A |
| 277V | 0.17A |
| Input Watts | 42.6W |

### LED Info

| | |
|---|---|
| Watts | 40W |
| Color Temp | 3000K (Warm) |
| Color Accuracy | 70 CRI |
| L70 Lifespan | 100,000 Hours |
| Lumens | 5,401 |
| Efficacy | 126.8 lm/W |

High output LED yardblaster delivers enough light to hit the broad side of a barn. Durable finish withstands harsh environments.

Color: Silver gray          Weight: 8.6 lbs

## Technical Specifications

### Compliance

**UL Listed:**

Suitable for dry and wet locations

**IESNA LM-79 & IESNA 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.

**DLC Listed:**

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.
DLC Product Code: POG6Q0B5

### Electrical

**Driver:**

Constant Current, Class 2, 120V-277V, 50/60 Hz, 1100mA, 120V: 0.4A, 208V: 0.217A, 240V: 0.188A, 277V: 0.17A

**THD:**

6.3% at 120V, 8.6% at 277V

**Power Factor:**

99.7% at 120V, 89.3% at 277V

**Surge Protection:**

4 kV Line-Line, 6 kV Line-Earth

**Photocell:**

120-277V Button photocell included. Photocell is compatible with 120V-277V.

### LED Characteristics

**LEDs:**

Long-life, high-efficiency, surface-mount LEDs

**Color Stability:**

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

**Color Uniformity:**

RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

### Performance

**Lifespan:**

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

### Construction

**IP Rating:**

Ingress protection rating of IP66 for dust and water

**IES Classification:**

The Type V distribution produces light in a wide and uniform 360° pattern that is perfect for large outdoor areas such as parking lots, corporate parks and retail settings

## Technical Specifications (continued)

### Construction

**Cold Weather Starting:**

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

**Housing:**

Precision die-cast aluminum housing and arm

**Mounting:**

Mounts on wall or existing arm/pole YARM24 (1 5/8" diameter pipe)

**Reflector:**

High-reflectance white paint

**Lens:**

Flat polycarbonate lens

**Gaskets:**

High-temperature silicone

**Finish:**

Formulated for high durability and long-lasting color

**Green Technology:**

Mercury and UV free. RoHS-compliant components.

### Optical

**BUG Rating:**

B2 U3 G2

### Other

**Patents:**

The design of YBLED26 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 rablighting.com/warranty.
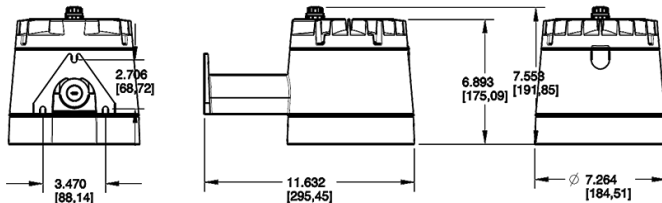
**Equivalency:**

Equivalent to 175 HPS

**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



## Features

- Widespread light distribution illuminates large areas
- Vandal-resistant
- High-impact polycarbonate lens
- Rugged die-cast aluminum housing withstands harsh environments
- Integrated dusk to dawn photocell
- 100,000-hour LED lifespan

## Ordering Matrix

| Family | Wattage | Color Temp | Mounting | Dimming | Options |
|--------|---------|-----------|----------|---------|---------|
| YBLED | 40 | Y | | | /PCU |
| | **26 =** 26W<br>**40 =** 40W<br>**60 =** 60W | **Blank =** 5000K Cool<br>**Y =** 3000K Warm<br>**N =** 4000K Neutral | **Blank =** Wall<br>**/ARM =** Arm | **Blank =** No Dimming [3]<br>**/D10 =** 0-10V Dimming [1] | **Blank =** Button Photocell [2]<br>**/PCU =** Standard Button Photocell<br>**/PCT =** Twistlock Photocell<br>**/5PR =** 5-Pin Receptacle<br>**/LC =** Lightcloud® Controller |

[1] *Available only in 40W & 60W with /5PR or /LC*
[2] *Standard with 26W*
[3] *Available only in the Blank,/PCU or /PCT options*