YBLED26Y/ARM

RAB LIGHTING

High output 26W LED yardblaster delivers enough light to hit the broad side of a barn. Replaces 175W mercury vapor and 150W HPS barn lights. Durable finish withstands harsh environments.

Color: Silver gray   Weight: 11.4 lbs

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

Driver Info

		LED Info	
Type:	Constant Current	Watts:	26W
120V:	0.5A	Color Temp:	3000K
208V:	N/A	Color Accuracy:	83 CRI
240V:	N/A	L70 Lifespan:	100000
277V:	N/A	Lumens:	2100
Input Watts:	28W	Efficacy:	76 LPW
Efficiency:	95%		

Technical Specifications

Listings

UL Listing:

Suitable for wet locations

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.

Electrical

Photocell:

Integrated 120V compatible photocell included

Driver:

Constant Current, 120V, 50/60 Hz, 700mA, 120V: 0.6A, Power Factor: 99.5%

THD:

6.2% at 120V

Surge Protection:

4kV

LED Characteristics

LEDs:

Multi-chip, high-output, 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 Uniformity:

RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2015.

Construction

Cold Weather Starting:

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

Housing:

Precision die-cast aluminum housing and arm

Mounting:

Mounts on pole

Effective Projected Area:

EPA = 0.3

Recommended Mounting Height:

15 ft.

Lens:

High-impact, frosted polycarbonate lens

Reflector:

High-reflectance white paint

Gaskets:

High-temperature silicone

Finish:

Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

Green Technology:

Mercury and UV free. RoHS compliant components. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Other

California Title 24:

YBLED26/ARM complies with 2013 California Title 24 building and electrical codes as a commercial outdoor pole-mounted fixture ≤ 75 Watts as well as a residential outdoor fixture.

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.

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).

GSA Schedule:

Suitable in accordance with FAR Subpart 25.4.

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

Page 1 of 2

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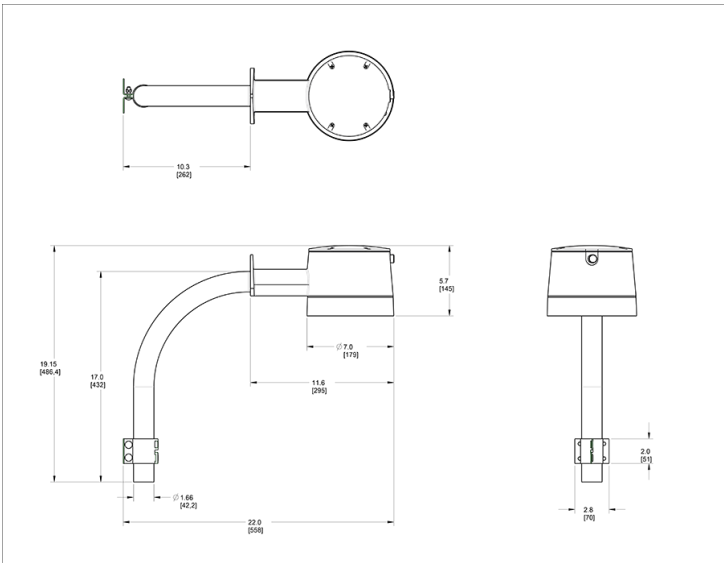## Technical Specifications (continued)

Optical

BUG Rating:

B1 U2 G1

Replacement:

Replaces 175W mercury vapor and 150W HPS.

Dimensions

Features

Replaces 175W mercury vapor and 150W HPS barn lights

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	Watts	Color Temp	Mount	Photocell
YBLED				
	26 = 26W	**Blank** = 5000K (Cool)	**Blank** = Wall	**Blank** = No Photocell
		Y = 3000K (Warm)	**/ARM** = Arm	**/PCT** = 120-277V Twistlock
		N = 4000K (Neutral)		

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Page 2 of 2