

YBLED Field-Adjustable Yardblaster



YBLED / YBLEDH

Field-Adjustable Yardblaster



0-10V



100,000
HOURS



EASY INSTALL

IP65

IP RATING



INTEGRATED
PHOTOCELL



FIELD
ADJUSTABLE



WET
RATED

TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed

Suitable for wet locations

DLC Listed

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

YBLED - ID S-HL6IUZ

YBLEDH - ID S-5QVQHC

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

IP Rating

Ingress protection rating of IP65 for dust and water

LED CHARACTERISTICS

LEDs

Long-life, high-efficacy, discrete, surface-mount LEDs

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

PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Adjustable Light output:
YBLED: 60W/50W/40W (factory default 60W)
YBLEDH: 120W/100W/80W (factory default 120W)
- Adjustable color temperature:
3000/4000/5000K (factory default 4000K)
- Integrated **Photocell** standard (factory default off). Optional **twistlock photocell**.
- 5-Year, Limited Warranty
- **UL listed** for wet locations
- DLC premium rated

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)

Mounting

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

Housing

Precision die-cast aluminum housing and arm

Lens

Polycarbonate lens

Reflector

Polyethylene terephthalate

Effective Projected Area (EPA)

0.27

Green Technology

Mercury and UV free. RoHS-compliant components.

Finish

Formulated for high durability and long lasting color

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TECHNICAL SPECIFICATIONS

ELECTRICAL

Drivers:

Constant Current, Class 1, 120V-277V, 50/60 Hz,

120W: 120V: 1.00A, 208V: 0.58A, 240V: 0.50A, 277V: 0.42A

100W: 120V: 0.85A, 208V: 0.48A, 240V: 0.42A, 277V: 0.37A

80W: 120V: 0.68A, 208V: 0.39A, 240V: 0.33A, 277V: 0.29A

60W: 120V: 0.50A, 208V: 0.29A, 240V: 0.25A, 277V: 0.22A

50W: 120V: 0.42A, 208V: 0.25A, 240V: 0.21A, 277V: 0.19A

40W: 120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems.

Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD:

120W: 3.1% at 120V, 6.00% at 277V

100W: 3.1% at 120V, 6.00% at 277V

10W: 3.1% at 120V, 6.00% at 277V

60W: 5.3% at 120V, 11.1% at 277V

50W: 5.3% at 120V, 11.1% at 277V

40W: 5.3% at 120V, 11.1% at 277V

Power Factor:

120W: 99.8% at 120V, 96.3% at 277V

100W: 99.7% at 120V, 96.3% at 277V

80W: 99.6% at 120V, 96.3% at 277V

60W: 99.6% at 120V, 94.0% at 277V

50W: 99.5% at 120V, 94.0% at 277V

40W: 99.3% at 120V, 94.0% at 277V

Photocell

120-277V Integrated dusk to dawn photocell

Surge Protection

6kV

Note: All values are typical (tolerance +/- 10%)

OPTICAL

BUG Rating:

60W: B3 U3 G1

50W: B3 U2 G1

40W: B2 U2 G1

120W: B3 U3 G2

100W: B3 U3 G2

80W: B3 U3 G1

OTHER

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.

Warranty

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

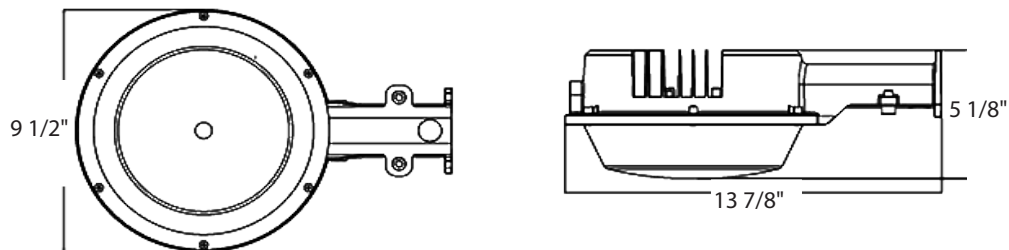
DIMENSIONS

YBLED

Weight: 3.8 Lbs

YBLEDH

Weight: 4.7 Lbs



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PERFORMANCE

YBLED	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
WATTAGE	60W			50W			40W		
INPUT WATTS	60.9W	58.4W	60.4W	50.9W	49.2W	50.8W	40W	38.6W	39.7W
LUMENS	8,056	8,728	8,382	6,886	7,678	7,331	5,502	6,227	5,836
EFFICACY (LM/W)	132.4	149.5	138.7	135.2	156.2	144.3	137.4	161.2	147.1
CRI	82	85	83	82	85	84	82	85	84
VOLTAGE RATINGS	120-277V								

YBLEDH	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
WATTAGE	120W			100W			80W		
INPUT WATTS	119.4W	115.2W	118.7W	102.1W	98W	101.7W	81.5W	78.5W	81W
LUMENS	15,816	17,328	16,633	13,906	15,413	14,759	11,422	12,798	12,083
EFFICACY (LM/W)	132.5	150.5	140.1	136.1	157.3	145.2	140.1	163.1	149.2
CRI	82	84	83	82	85	84	82	85	84
VOLTAGE RATINGS	120-277V								

ORDERING MATRIX

YBLED

Family	Wattage	Color Temp	Finish	Voltage	Options	
YBLED	BLANK H	60W/50W/40W Adjustable 120W/100W/80W Adjustable	BLANK 3000K/4000K/5000K Adjustable	BLANK Gray	BLANK 120-277V, 0-10V Dimming	BLANK /PCT Integrated Adjustable Photocell (on/off) Twistlock Photocell