YBLED Field-Adjustable Yardblaster

YBLED / YBLEDH

PROJECT:

DATE:

TYPE:

PREPARED BY:

5 YEAR LIMITED WARRANTY

DLC LISTED PREMIUM

UL CERTIFIED

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

Field-Adjustable Yardblaster

0-10V | 100,000 HOURS | EASY INSTALL | IP65 IP RATING | INTEGRATED PHOTOCELL | FIELD ADJUSTABLE | WET RATED

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								

YBLED Field-Adjustable Yardblaster

TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed
Suitable for wet locations

DLC Listed
This product family is listed with the Design Lights Consortium (DLC). Individual SKUs with this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Product list (QPL) at designlights.ord to confirm the qualification status of a specific SKU prior to specification or purchase.

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

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

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

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

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.

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

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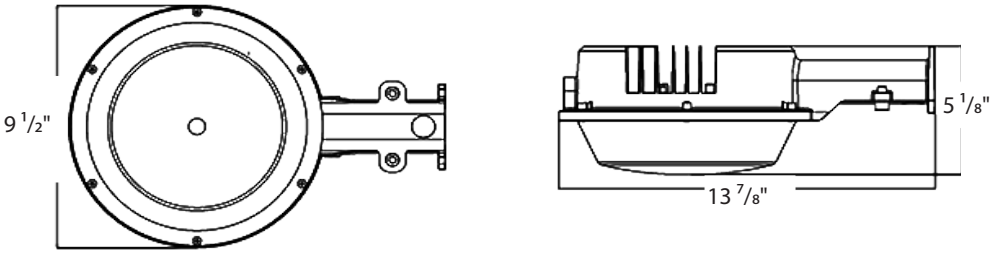
DIMENSIONS

YBLED

Weight: 3.8 Lbs

YBLEDH

Weight: 4.7 Lbs



ORDERING MATRIX

YBLED

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