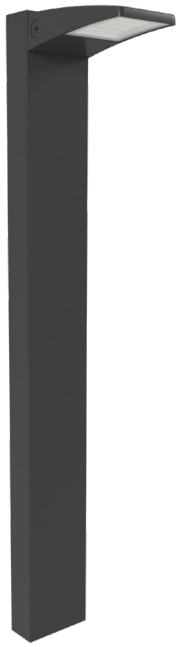
BLED Field-Adjustable Bollards

BLEDS



Bollards with selectable CCT and wattage w/photocell

0-10V | 100,000 HRS | WET RATED | FIELD ADJUSTABLE

PROJECT:

DATE:

TYPE:

PREPARED BY:

5 YEAR NO-COMPROMISE WARRANTY | DLC LISTED PREMIUM | UL CERTIFIED

KEY FEATURES

- Selectable **wattages**:
  BLEDS: **13/10/6W**
- Selectable CCT: **3000/4000/5000K**
- Selectable **on/off** photocell
- Voltage ratings: **120-277V**
- Suitable for **wet** locations for downlight application
- 5-Year, **no-compromise** warranty

PERFORMANCE

BLEDS	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
WATTAGE	13W			10W			6W		
INPUT WATTS	12.1W	11.6W	12W	8.8W	8.6W	8.8W	6.1W	6W	6.1W
LUMENS	1,634	1,720	1,693	1,213	1,275	1,268	833	865	868
EFFICACY	135.5	148.3	141.0	137.2	148.3	143.4	135.9	144.6	142.3
CRI	82	84	87	82	84	83	83	85	83
VOLTAGE RATING	120/277V								

TECHNICAL SPECIFICATIONS

COMPLIANCE

UL Listed:
Suitable for wet locations (downlight application only)

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

LED CHARACTERISTICS

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

Color Uniformity
RAB's range of Correlated Color Temperature follows the guidelines of the American National Standards for Specifications for the Chr5omaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

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.

TECHNICAL SPECIFICATIONS

CONSTRUCTION

Cold Weather Starting
Minimum starting temperature is -40°C (-40°F)

Maximum Ambient Temperature
Suitable for use in up to 40°C (104°F)

Mounting
Integrated junction box with bollard post direct mounting

Housing Material
Aluminum

Finish
Formulated for high durability and long lasting color

Lens
Acrylic

Reflector
High Reflection Polycarbonate

Green Technology
Mercury and UV free. RoHs-compliant components.

ELECTRICAL

Drivers:
Constant Current, Class 2, 120-277V, 50/60 Hz

BLEDS:
13W: 120V: 0.05A, 208V: 0.03A,240V: 0.03A, 277V: 0.03A
10W: 120V: 0.07A, 208V: 0.05A,240V: 0.04A, 277V: 0.04A
6W: 120V: 0.10A, 208V: 0.07A,240V: 0.06A, 277V: 0.05A

Dimming Driver:
Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

Surge Protection
L-L 2kV, L-G 4kV
Note
All values are typical (tolerance +/- 10%)

THD/Power Factor

MODEL#	THD	PF	THD	PF
	120V		277V	
BLEDS 13W	3.7%	99.7%	14.1%	96.0%
BLEDS 10W	4.1%	99.5%	14.8%	93.0%
BLEDS 6W	5.8%	98.9%	20.8%	84.0%

FIELD ADJUSTABLE

Color temperature: Selectable by 3000/4000/5000K (4000K default)

Selectable wattages: BLEDS: 13/10/6W (10W default) &

On/Off Photocell: Factory default- Off

OTHER

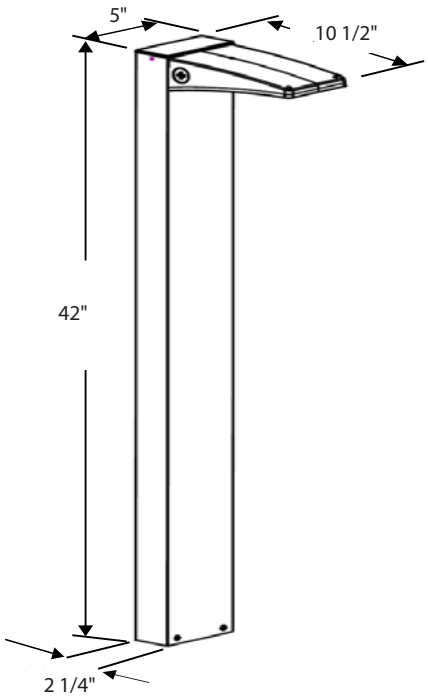
Warranty

The RAB 5-year, no-compromise warranty covers light output, color stability, driver perfomance, paint finish and labor. 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

DIMENSIONS

BLEDS



ORDERING MATRIX

BLED

Family	Wattage	Color Temperature	Finish	Mounting Height	Driver	Options
BLED	S					
	S 13/10/6W Selectable	BLANK 3000/4000/5000K Selectable CCT	BLANK Bronze W White	BLANK 42"	BLANK 120-277V, 0-10V Dimming	BLACK Integrated Photocell