

Dusk-to-Dawn Lighting Solution



BR1s LED Area and Barn Light



- **Luminaire Efficacy:** up to 110 lm/W
- **Total Lumen Output:** 5702 lumens
- **Color Rendering Index (CRI):** Minimum of 70
- **Correlated Color Temperature (CCT):** 4000K (± 300 K)
- **Input Voltage:** 120 ~ 277 VAC
- **Operating Temperature Range:** -22°F ~ +113°F
- **Finishes:** Gray (standard)
- **Mounting Type:** wall or round pole mount (OD 1.66" ~ 2.38")
- **Warranty:** 5 years limited warranty
- **Lifetime of Luminaire:** more than 50,000 hours

◀ 49W LED TO REPLACE 175W MERCURY VAPOR (MV) EXTERIOR BARN LIGHTS

An energy efficient alternative fixture for the obsolete 175W Mercury Vapor (MV) exterior dusk-to-dawn barn lights with just **49W LED** that saves more than 80% in energy savings and a **high efficacy of up to 110 lm/W**.

◀ LIGHTWEIGHT AND DURABLE

The BR1s LED barn light **weighs 8.8 lbs** and equipped with quality components from inside out that is designed to last in tough environment.

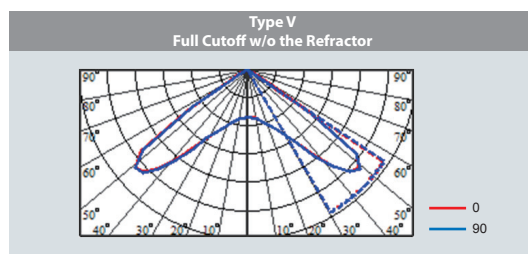
◀ AVAILABLE IN TYPE III AND TYPE V PHOTOMETRIC DISTRIBUTIONS

BR1s comes complete with a tool-less attachable and rotatable **10" open bottom acrylic diffuser** to cast a wider range of area lighting coverage.

◀ WIDE RANGE OF APPLICATION

For **wall mount or pole mount outdoor applications**, BR1s can be used as a security-perimeter lighting for buildings or pathways and parking lot structures. It can also be used for any area and roadway lighting with ease of installation and low in maintenance. **No bulb replacements required.**

Photometric



BR1s

LED Area and Barn Light



Applications

- Area and barn light
- Security-perimeter light
- Parking lots
- Garage and Yard lighting
- Utility poles
- Roadway lighting

Accessories

Optional 3D circular bubble level tool and a tool-less attachable and rotatable 10" open bottom acrylic reflector.

Product Specifications

Housing Characteristics

- Die-cast aluminum housing
- Suitable for wet locations
- Lightweight and small size
- Tool-less access with lineman latch for easy installation and maintenance
- Quality powder coat finish with any customized colors
- Round pole (OD 1.66" ~ 2.38") with slip fitter design for pole or wall mount

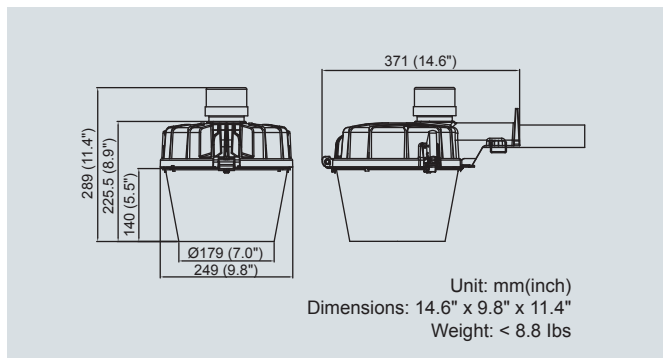
Electrical Characteristics

- 120 ~ 277 VAC Power Supply
- Surge Protection Device 10kV/10kA (standard) in accordance with IEEE C62.41
- Class II driver
- Options of 0~10V dimming capability
- Quick-connect wiring
- Tool-less rotatable twist-lock photocell receptacle

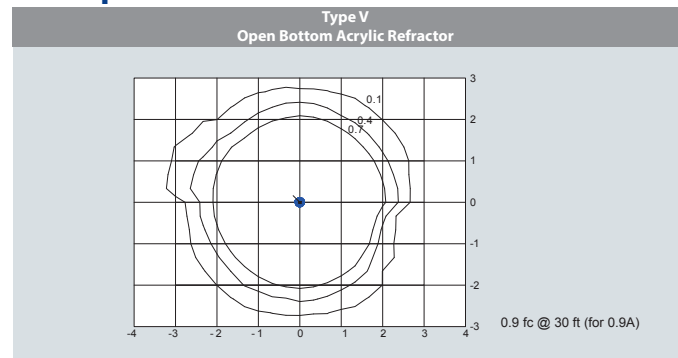
Optical Characteristics

- Full cutoff w/o the refractor and open bottom acrylic refractor
- Photometric Distributions available in Type III and Type V
- Resistance to vibration tested as per ANSI C136.31
- No Ultraviolet (UV) or Infrared Radiation (IR)
- Dark sky compliant

Dimensions



Isotropic Illumination Distribution



Comparison with Traditional Light Sources

e-lite star™ BR1s LED Area and Barn Light				High Pressure Sodium Replacement	
Part Number	Number of LED	System Wattage	Luminaire Flux (lm)	Lamp Wattage	System Wattage
EBR-FA01**016***	16 LED	49 W	5702	150 W HPS	186 W HPS

Ordering Information

EBR	-	F	A01	5B	016	40	S
e-lite star LED Area and Barn Light		Product Series F – BR1s Series	Input Voltage A01 – 120~277 VAC	Light Distribution 5B – Type V Open Bottom	LED 016	Color Temperature 40 – 4000K	Luminaire Type S – Small (249mm)