

C-BOW-1 LED Specifications

Architectural - Site - Outdoor



Cross Bow LED Bollard Series

Sleek Design Meets Powerful Performance. The Cross Bow LED Series continues Visionaire Lighting's tradition of modern, architectural styling inspired by the distinctive BOW Collection. Its streamlined form and precision engineering make it a standout solution for contemporary site and pathway lighting.

Engineered for performance and longevity, the Cross Bow design separates the driver housing from the individual die-cast aluminum linear LED engines — optimizing thermal management, extending component life, and maximizing lumen output for consistent, long-term reliability.

Each LED module is configured in multiples of 16 LEDs, up to 32 total, with your choice of 2700K, 3000K, 3500K, 4000K, or 5000K color temperatures to match any environment. A wide range of Seventeen optical distribution patterns ensures precision control and uniform illumination and CRI values are 70, 80 or 90.

Delivering up to 15,000+ lumens and available in packages reaching 120 watts, the Cross Bow achieves an impressive efficacy average of 135 lumens per watt — combining high performance with exceptional energy efficiency. Integrated lighting controls provide advanced flexibility for dimming and scheduling, ensuring optimal light where and when it's needed.

Constructed from durable materials and finished in a premium polyester powder coat available in standard or custom colors, every fixture is backed by a five-year warranty for enduring quality and appearance.

Perfectly suited for low-level illumination along walkways, plazas, entries, and landscaped areas, the Cross Bow LED Series delivers a balance of modern elegance, performance, and efficiency — a striking addition to any architectural environment.

Project Name:

Catalog Number:

Type:

Date:

Location:

MODEL	HEIGHT	OPTICS		LEDs	CURRENT	
C-BOW-1	3 36" 3.5 42"	T1 Type 1 T2 Type 2 T3 Type 3 T3R Type 3 Round T3W Type 3 Wide T3LG Type 3 Low Glare T4 Type 4 T4A Type 4 Automotive T4FT Type 4 Forward Throw T4LG Type 4 Low Glare	T5 Type 5 T5W Type 5 Wide T5WW Type 5 Extra Wide T5LG Type 5 Low Glare FN Flood Narrow FM Flood Medium FW Flood Wide	16AR Single 32AR Double	3 350mA 5 530mA 7 700mA 10 1050mA 12 1200mA	
CCT	VOLTAGE	MOUNTING	FINISH	CONTROL OPTIONS	SHIELD OPTIONS	OPTIONS
27K7 27K8 27K9 2700K 70, 80, & 90 CRI 30K7 30K8 30K9 3000K 70, 80, & 90 CRI 35K7 35K8 35K9 3500K 70, 80, & 90 CRI 40K7 40K8 40K9 4000K 70, 80, & 90 CRI 50K7 50K8 50K9 5000K 70, 80, & 90 CRI	UNV 120-277V	AB Anchor Base (ANCHOR BOLT KIT SUPPLIED)	BZ Bronze BK Black GY Grey SBK Smooth Black WH White SWH Smooth White GP Graphite GY Grey SL Silver Metallic ZFP Zinc-Free Primer Coat CC Custom Color	PC-120 PC-208 PC-240 PC-277 Button Type Photocell DIM 0-10v Dimming Driver DTO Dim To Off	CLS Backside cutoff shield RCLS Rightside cutoff shield LCLS Leftside cutoff shield BHS House shield	DS Decorative Shroud ROT-R Rotated Optics Right Side ROT-L Rotated Optics Left Side BBG Bird Spikes GFI GFI Receptacle *Standard location is in hand hole. *Specify GFI location if different from hand hole location. Supplied with in use cover. USB USB Receptacle *Specify location. Supplied with in use cover. BAA Buy America(n) Act Compliant

Housing

- The LED light engines are constructed of heavy-duty, die-cast aluminum, with external heat radiating fins. The 4" extruded pole contains the driver(s), allowing for cooler operation and longer life. Silicone gasketing is utilized throughout the fixture for weather tight operation.

Thermal Management

- The Cross Bow Array Series provides excellent overall thermal management by maximizing the fixture's heat sink capabilities. This enables the Cross Bow Array Series to withstand higher ambient temperatures and drive currents without degrading LED life. The Cross BOW Array Series has a very low thermal resistance rating.
- The L70 test determines the point in an LEDs life when it reaches 70 percent of its initial output. The Cross Bow Array Series LEDs have been determined to last a minimum of 140,000 hours in 25° C environments when driven at 350 mA.

Optical System

The highest lumen output LED Arrays are utilized in the Cross Bow Array Series. Sixteen IES distribution Types are available. LED Array light assemblies come in multiples of 16 LED Arrays. The optical system qualifies as IES full cutoff to restrict light trespass, glare and light pollution.

- Available with 17 IES distribution patterns.
- CRI values are 70, 80 or 90.
- CCT values are 2700K, 3000K, 3500K, 4000K, 5000K.

Quali-Guard® Finish

- The finish is a Quali-Guard® textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3-5 mil thickness. Finish is oven-baked at 400° F to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors. Finish is guaranteed for five (5) years.

Mounting

The Cross Bow Luminaire is easily attached to the pole by 2 tamper-proof countersunk screws.

Electrical Assembly

- The Cross Bow Series is supplied with a choice of 350 to 1050 mA high-performance LED drivers that accept 120v 50 Hz to 60 Hz, input.
- 10 kV surge protector supplied as standard.

Warranty

- Ten (10) year Limited Warranty on electrical components, Five (5) year on finish. For full warranty information, please visit visionairelighting.com.

Options

Button Type Photocell
0-10v Dimming Driver
Dual Circuit

Listings

Cross Bow Array Series is ETL listed, suitable for wet locations.
LM79 and LM80
RoHS compliant
IP66 rated
Powder Coated Tough™

3000K or lower must be selected for IDA certification.



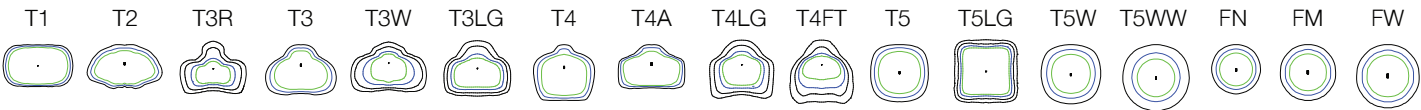
IP66
Rated



lighting
facts



Photometric Optical Summary



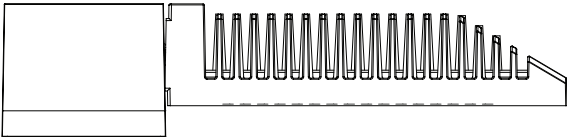
Dimensions

Single

Width:	C-BOW-1 4"
Height:	C-BOW-1 2.5"
Depth:	C-BOW-1 14"

Double

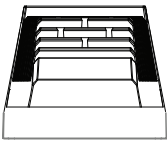
Width:	C-BOW-1 4"
Height:	C-BOW-1 2.5"
Depth:	C-BOW-1 24"

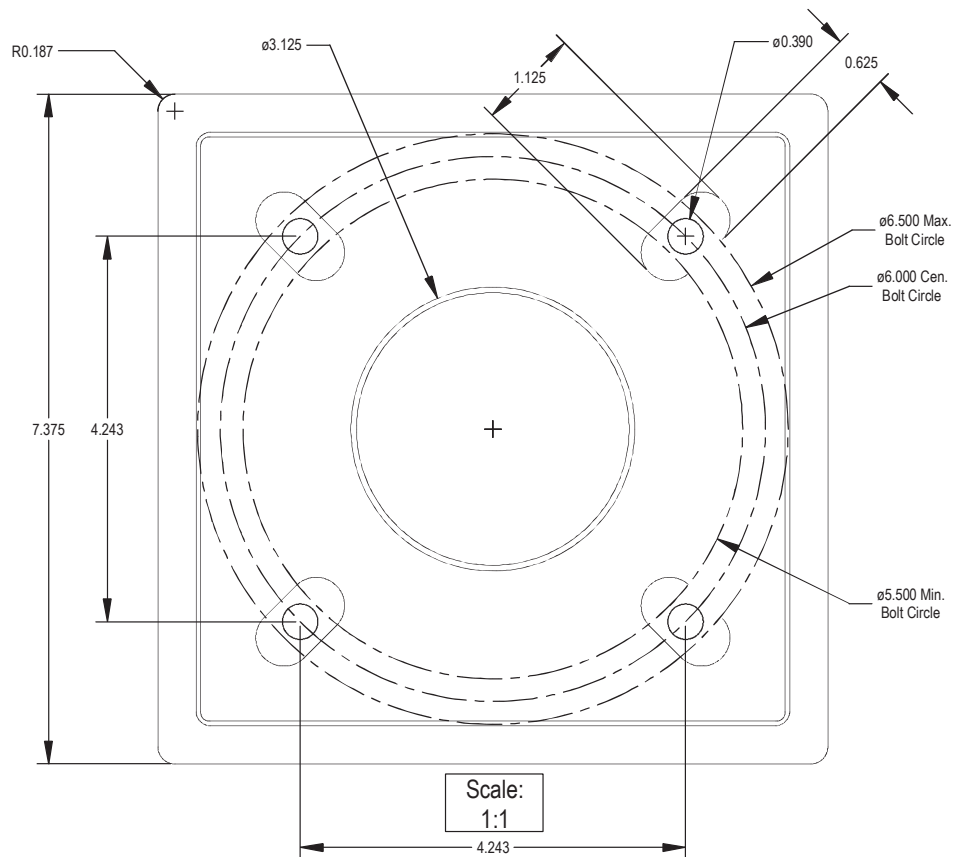


Single



Double



BASE DETAIL**Base Template:**

Aluminum Shaft 4" Square
for 3/8 Anchor Bolts

