

LIGHTING FIXTURE SPECIFICATION INFORMATION

On-Site Lighting & Survey, LLC

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KIMCO REALTY

BOW LX LED

Project Name: **Fire Mountain Center**

Catalog Number: **BLX-6-T5W-192LC-7-3K-UNV-BOA6-6ZDIM-PER7PIN**

Type: **KP-2**

Dimensional Drawings

Fixture	A	B	C	Max. Watts	Lbs
BLX-4	37"	5"	17"	444	48
BLX-6	37"	5"	25"	614	72
BLX-8	37"	5"	33"	879	96

The new BOW LX LED Series continues the unique contemporary design inspired by the sleek styling of the BOW family. Separating the extruded aluminum driver housing and the individual die-cast aluminum linear LED engines: optimize the life of the LEDs and the Driver(s); and maximizes the lumen output of the fixture. The adjustable knuckle allows for up to 90° degrees of vertical adjustment for putting the light exactly where you need it.

Each of the individual LED light engines come with 32 LEDs; for a max total of 256 LEDs. Six optical distribution patterns are available.

BLX-6	T5W	192LC	7	3K	UNV	BOA6	BZ	DIM-PER7PIN
Model	Optics	Source	Current	Kelvin	Voltage	Mounting	Finish	Options
BLX-4	Type II (T2)	128 (128LC)	530 (5)	4000K (4K)	120-277 (Universal Voltage UNV)	Knuckle Mount (KM) *Slips over 2-3/8" Tenon with adjustable increments of 10"	Bronze (BZ)	Button Type Photocell (PC120) (PC208) (PC240) (PC277)
BLX-6	Type III (T3)	192 (192LC)	700 (7)	5000K (5K) *Cool white	480 (5)	Bolt-On Arm 6" (BOA6)	Black (BK)	Photocell & Receptacle (PCR120) (PCR208) (PCR240) (PCR277)
BLX-8	Type IV (T4)	256 (256LC)	1000 (10)	4000K (4K)	347 (8)	Wall Mount (WM) *BLX-4 only	White (WH)	Photo Receptacle (PER) *With wiring cap
	Type IVA (T4A)					Adjustable Wall Mount (AWM) *BLX-4 only	Smooth White (SWH)	Round Pole Plate Adaptor (RPP) For 4" OD Pole (RPP4) For 5" OD Pole (RPP5)
	Type V (T5)					Bolt-On Arm Wall Plate (BAWP) *BLX-4 only	Graphite (GP)	0-10v Dimming Driver (DIM)
	Type V-W (T5W)					Bolt-On Arm Wall Plate-XL (BAWP-XL) *BLX-6 and BLX-8 only	Grey (GY)	Motion Sensor (MSC-3) (MSC-4) (MSC-20) *With Motion Sensor Only
							Silver Metallic (SL)	Pole Mounted Motion Sensor (SBOR OES) (SBOR ODP) *No photocell
							Custom Color (CC)	Universal Pole Mount Adaptor (UPMA)

Electrical Assembly

- The BOW LX Series is supplied with a choice of 530, 700, or 1000 mA high-performance LED drivers, that accept 120v thru 480v, 50 Hz to 60 Hz, input. Power factor of 95%. Rated for -40° C operations.
- 10kV surge protector supplied as standard.

Warranty

- Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit VisionareLighting.com.

Options

- Button Type Photocell
- Photocell & Receptacle
- Photo Receptacle
- Round pole plate adaptor
- 0-10v Dimming Driver
- Motion Sensor
- Pole Mounted Motion Sensor
- Universal Pole Mount Adaptor

Listings

BOW LX Series is UL listed, suitable for wet locations.
LM79 and LM80
RoHS compliant
Powder Coated Tough™
DLC Listed

For more detailed information on mounting, wiring or installation instructions, please consult factory. If poles are not ordered with fixtures, please specify mounting requirements. This document contains proprietary information of Visionare Lighting, LLC. Any use of this information requires the written approval of Visionare Lighting, LLC. In keeping with our "Total quality of continuous improvement, Visionare reserves the right to change any specifications contained herein without prior notice.

VISIONARE LIGHTING
Performance In A Whole New Light™

Housing

- The LED light engines are constructed of heavy-duty, die-cast aluminum, with external heat radiating fins.

Driver Compartment

- The separate driver housing is constructed of extruded aluminum, with cast aluminum end covers and stainless steel fasteners, for easy access to the LED driver(s); allowing for cooler operation and longer driver life. One-piece gasketing is utilized throughout the fixture for weather tight operation.

Thermal Management

- The BOW LX Series provides excellent overall thermal management by maximizing the fixture's heat sink capabilities. This enables the BOW LX Series to withstand higher ambient temperatures and drive currents without degrading LED life.
- The L70 test determines the point in an LED's life when it reaches 70 percent of its initial output. The BOW LX Series LEDs have been determined to last a minimum of 75,000 hours in 25° C environments when driven at 530 mA.

Optical System

- The highest lumen output, EvoC LEDs are utilized in the BOW LX Series.IES distribution Types II, III, IV, IV-A, V, V-W, are available. LED light engines come in multiples of 32 LEDs.
- CRI values are 70 for 4000K and 75 for 5000K.

Quail-Guard Finish

- The finish is a Quail-Guard textured, chemically pretreated through a multiple-stage washer, electrostatically applied, thermoset polyester powder coat finish, with a minimum of 3.5 millimeter 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

- An adjustable knuckle slip fits over a 2-3/8" Tenon, and allows for up to 90° degrees of vertical adjustment in 10° degree increments from horizontal, as well as full side to side adjustment with the knuckle mount.
- A round extruded aluminum, Bolt-On Arm (BOA) with an in-pole nut plate. A Round Pole Plate Adaptor (RPP) is required for mounting to round poles.
- Wall Mount
- Adjustable Wall Mount
- Bolt-On Arm Wall Plate
- Bolt-On Arm Wall Plate-XL

BOW LX LED

Technical Data

Model	Mounting Height	Wall Gauge	Bolt Circle	Bolt Size	Base OD (IN)
BLX-4	47'-0"	Bottom: 7 Gauge Top: 11 Gauge	15.0"	1.25" x 42" x 6"	10.2"

Max EPA (1.3 Gust)

90 mph	29.1
100 mph	21.6
110 mph	16.1

Est Shipping Weight: 955 lbs

ORDERING INFORMATION

Choose the bold face options for the appropriate luminaire configuration for your application and enter on the line above each fixture attribute. Accessories may be factory installed, depending on the particular accessory chosen, but still be ordered as a separate line item.

Series	Pole Height	Pole Gauge	Color	Mounting
RTP	47' 4' Nominal	7 7 Gauge Bottom / 11 Gauge Top	BK Black BZ Bronze GR OD Green WH White USG US Green GLV Galvanized GLVP Galvanized and Painted TG T-Guard Internal Coating SP Special	DM1 Drill One Side DM290 Drill 2 Sides at 90° DM2180 Drill 2 Sides at 180° DM390 Drill 3 Sides at 90° DM490 Drill 4 Sides at 90° T238 2-3/8" OD Tenon (Standard) T278 2-7/8" OD Tenon T312 3-1/2" OD Tenon PC Pole Cap Only

Accessories (Order as separate line items)

TLGFA	Ground Fault Receptacle
PWH	Additional Hand Hole

NOTES
1. Must specify paint color in addition to these coating options (Example: GLVP-BZ).
2. Please note location for additional hand hole when ordering.

www.techlightusa.com

Bolt-On Arm Detail

BOW LX 5K Lumen Data

# LEDs	mA	Type 2	R	U	G	Type 3	R	U	G	Type 4	R	U	G	Type 4A	R	U	G	Type 5	R	U	G	Type 5W	R	U	G	Watts
128	530	20,463	3	2	3	18,854	3	0	3	20,914	3	2	3	22,262	2	2	2	25,059	4	0	2	21,503	4	0	2	212
	700	25,006	3	2	4	23,042	3	0	3	25,560	3	2	3	27,207	3	2	2	30,626	5	0	2	28,279	5	0	3	279
	1000	33,215	4	2	5	30,604	3	0	3	33,948	3	2	4	36,136	3	2	2	40,676	5	0	3	34,903	5	0	4	444
192	530	30,839	4	2	4	28,415	3	0	3	31,520	3	2	4	33,551	3	2	2	37,767	5	0	2	32,407	5	0	3	325
	700	37,721	4	2	5	34,755	3	0	3	38,553	4	2	4	41,037	3	2	2	46,194	5	0	3	39,638	5	0	4	430
	1000	46,812	4	3	5	43,132	4	0	4	47,845	4	2	5	50,928	3	2	3	57,328	5	0	3	49,191	5	0	4	614
256	530	41,119	4	3	5	37,887	4	0	3	42,027	4	2	5	44,735	3	2	3	50,356	5	0	3	43,209	5	0	4	425
	700	50,294	4	3	5	46,340	4	0	4	51,404	4	2	5	54,717	4	2	3	61,592	5	0	4	52,850	5	0	5	564
	1000	62,416	5	3	5	57,510	4	0	4	63,794	4	3	5	67,904	4	3	3	76,437	5	0	4	65,588	5	0	6	879

Visit www.VisionareLighting.com for up-to-the-minute chart information, including types not listed here. * For 4000K multiply values by 0.90

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TECHLIGHT

FEATURES & SPECIFICATIONS

POLE – The pole shaft is fabricated from hot rolled carbon steel having a minimum yield of 55,000 PSI and conforms to ASTM-A500 grade C requirements. The shaft construction is a two piece of formed steel welded longitudinally. The hand hole is located 1' above the pole base. A ground lug is provided standard.

ANCHOR BASE – The anchor base is fabricated from a structural quality hot rolled carbon steel plate that has a minimum yield strength of 36,000 PSI. The anchor base telescopes the pole shaft and has a circumferential weld on the top and bottom.

BASE COVER – A full base cover is provided which encapsulates the base plate and anchor bolts to provide a clean transition from pier to pole.

FINISH – A Super Durable Polyester powder coat finish is electrostatically applied in our state of the art paint facility. Standard colors available: Black, Bronze, US Green, White. Custom colors available upon request. Galvanizing and T-Guard treatments available upon request. Additional warranty extensions available with these treatments.

47' Round Tapered, 7 Gauge, 2-Piece Pole RTP SERIES

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www.techlightusa.com

Example: **RTP477-BZ-T238**

1 POLE MOUNT FIXTURE KP-2 SPECIFICATION SHEETS

2 POLE KP-2 SPECIFICATION SHEETS

COMPANY INFO

PROJECT INFO

ENGINEER INFO

ENGINEER SEAL

PM APPROVED

REVISIONS

#	DATE	INIT	DESCRIPTION
2	05.04.2015	JEC	FIXTURE RE-SELECTION
3	10.15.2015	MDW	TITLE 24 THIRD SUBMISSION
4	11.30.2015	MDW	TITLE 24 FOURTH SUBMISSION
5	12.03.2015	MDW	TITLE 24 FIFTH SUBMISSION

SHEET DESCRIPTION

TITLE 24 SPECIFICATION SHEETS REQUIREMENTS

PROJECT #

SCA01411

DESIGN ISSUE LEVEL

06.17.2015

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AGI

A.CASE-ALLEN

CAD

W.TOKKESDAL

SHEET#:

SL350

REV #:

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