



Shown with "KN"
Knuckle Installed.

Catalog Number:

Project:

Comments:

Prepared By:

Date:

Technical Specifications

Housing: Die-Cast Gasketed Aluminum Housing, Includes Cast-In Box Template and Built in Level. White Reflector. Nickel-Plated Stainless Steel Hardware.

Lens: Tempered Clear Flat Glass Lens.

Mounting: Mount Directly Over Recessed Electrical Box or use ½" Surface Mount Conduit. Adjustable Knuckle with ½" NPS Threads, Sold Separately, Field Installed.

Finish: Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

AmberLED: Aluminum Boards

Wattage: 17w AmberLED: 17w, System: 23w

Driver: Electronic Driver, 120-277V, 50/60Hz or 347V, 50/60Hz (37w Model Only); Less Than 20% THD and PF>0.90. Standard Internal Surge Protection is 2kV for 22w, 6kV for 37w. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

Controls: Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Certification Data: CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP66 Sealed LED Compartment.

Buy American Act: The product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS, and DOT regulations.

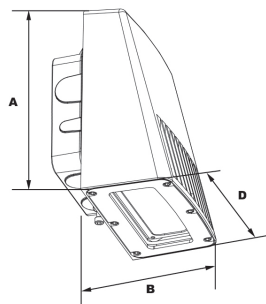
Warranty: 5-Year Warranty for -40°C to +50°C Environment.

Description

The Lumecon AmberLED Q-TV2Q luminaire is designed to replace HID lighting systems up to 70w MH or HPS for wildlife, dark skies, or security applications requiring monochromatic AMBER light. LEDs operate between 585 and 595nm, greater than 560nm required for wildlife protection. Typical wall mounted lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of up to 12 feet can be used based on light level and uniformity requirements.

Dimensions

Width (D)	6" (152mm)
Height (A)	7 1/8" (200mm)
Length (B)	5 5/8" (130mm)
Length with Knuckle (B)	9 1/4" (235mm)



Ordering Information


Q-TV2Q – Options / Ordering Example: Q-TV2Q-1X17-U-AM-Z-KN-SP

Model	Wattage	Driver	CCT	Color	Mounting	Options
Q-TV2Q	1x17 - 17W	U - 120-277V	AM - 1400K	Z - Bronze C - Custom Color	KN - Knuckle* <i>*Optional, field installed. Order only for flood model</i>	SF - Single Fuse* DF - Double Fuse* SP - Surge Protection P14 - Pencil Photocell, 120-277VAC <i>*120-277V Models Only</i>

Accessories & Replacement Parts

Mounting Accessories (Order Separately, Field Installed)	Accessories (Order Separately, Field Installed)	Replacement Parts (Order Separately, Field Installed)
<p>FLPTFZ Die-cast Post Top Fitter for 2½" to 3½" Poles, Bronze Powdercoat Finish, Three (3) ½" Coin Plugs.</p> <p>FLSTK Heavy Duty Ground Stake, Built-in Wiring Compartment with ½" NPS Threaded Fitting, Black Plastic.</p> <p>FLSTZ Die-Cast Adjustable Knuckle with ½" NPS Threads, Bronze Powdercoat Finish.</p>	<p>P18112 208-277V, 240VAC Pencil Photocell</p> <p>TV2BFZ Baffle, Aluminum with Bronze Powdercoat Finish</p>	<p>P18114 120-277V, 50/60Hz Pencil Photocell</p>
 <p>FLPTFZ FLSTK FLSTZ*</p> <p><i>*Shown Mounted</i></p>	 <p>P18112 TV2BFZ</p>	 <p>P18114</p>

EPA (Effective Projected Area)

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 <p>1</p>	.31	5 Lbs

Performance Data

LED Board Watts	Drive Current (mA)	Input Watts	Optics
AmberLED 17w	525	23	F Type II

Projected Lumen Maintenance

Data shown for Amber LEDs		Compare to MH				
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
L70 Lumen Maintenance @ 25°C / 77°F	23	1.00	0.90	0.80	0.61	76,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.86	0.72	0.44	54,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.88	0.76	0.52	42,000

NOTES:
 1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
 2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems

Spectral Chart

