

L70  
25°C

77,000 Hours

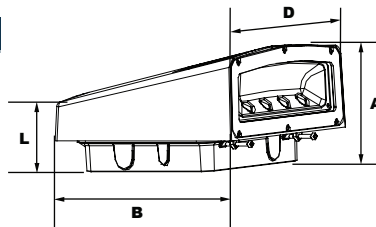
NOTES:

FIXTURE TYPE:

PROJECT:

Shown with "SF" Slipfitter  
Mounting Option.Shown with Battery  
Backup Option**Dimensions**

<b>Width (D)</b>	9¾" (248mm)
<b>Length (B)</b>	11¼" (286mm)
<b>Height (A)</b>	6⅞" (156mm)
<b>Length with Mount (L)</b>	<b>Bracket (BR):</b> 11⅞" (302mm) <b>Knuckle (KN):</b> 11¼" (302mm) <b>Slipfitter (SF):</b> 13¾" (340mm)

**PRODUCT DESCRIPTION**

The TV3C3 luminaire is available in two wattages designed to replace HID lighting systems up to 400w MH or HPS. Typical applications include general area, parking, flood, security, and accent lighting for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting can be accomplished using ground attachment accessories and up to heights of 20 feet based on light level and uniformity requirements.

**FEATURES****Housing:**

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

**Listing & Ratings:**

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

**Finish:**

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

**Lens:**

Tempered Clear Flat Glass Lens.

**Mounting Options:**

Mount Directly Over Recessed Electrical Box, Use 1/2" Surface Conduit, Heavy-Duty Adjustable Knuckle, Slipfitter, or Two-Piece Swivel Bracket (Field Installed).

**COB LED:**

Cool Copper COB

**Wattage:**

60w: COB: 60w, System: 56w; (250w HID Equivalent)

80w: COB: 80w, System: 80w; (400w HID Equivalent)

**Driver:**

Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 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 Tested with LEPC Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

**Battery Backup:**

Battery Backup Option Includes Accessory Housing (Ships Separately). Empty Accessory Housing is Available For Use When a Uniform Building Aesthetic is Desired.

**Warranty:**

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

See Page 3 for Projected Lumen Maintenance Table.

**ORDERING INFORMATION**

EXAMPLE: TV3C34X20U41KZKNSP

Model	Wattage	Driver	CCT	Color	Mounting	Options
TV3C3 = Large LED Traverse Wall and Flood Light	4X15 =60w 4X20 =80w	U=120-277V	41K=4100K	Z=Bronze C=Custom (Consult Factory)	KN= 1/2" NPS Knuckle SF= Slipfitter BR= Two-Piece Swivel Bracket  *All Mounts Are Field Installed.	SF = Single Fuse* DF =Double Fuse* SP =Surge Protection P14 = Pencil Photocell, 120-277VAC BU4= Battery Backup, 90 Minutes*  *120-277V Models Only.

### ACCESSORIES & REPLACEMENT PARTS



#### Mounting Accessories (Order Separately, Field Installed)

**FLPTFZ** Die-cast Post Top Fitter for 2½" to 3½" Poles, Bronze Powdercoat Finish, Three (3) ½" Coin Plugs.

**FLSTK** Heavy Duty Ground Stake, Built-in Wiring Compartment with ½" NPS Threaded Fitting, Black Plastic.

#### Accessories (Order Separately, Field Installed)

**P18110** 110-130V, 120VAC Pencil Photocell

**P18112** 208-277V, 240VAC Pencil Photocell

**ACCHSG4\*** Empty Die Cast Accessory Housing, Powdercoat Finish

\*Specify Color: Z=Bronze, B=Black, C=Custom (Consult Factory)

#### Replacement Parts (Order Separately, Field Installed)

**FLSTZ** Die-Cast Adjustable Knuckle with ½" NPS Threads, Bronze Powdercoat Finish.

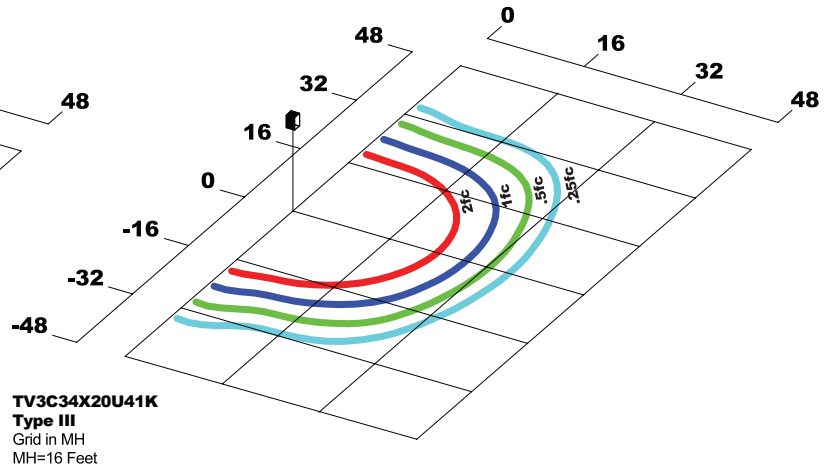
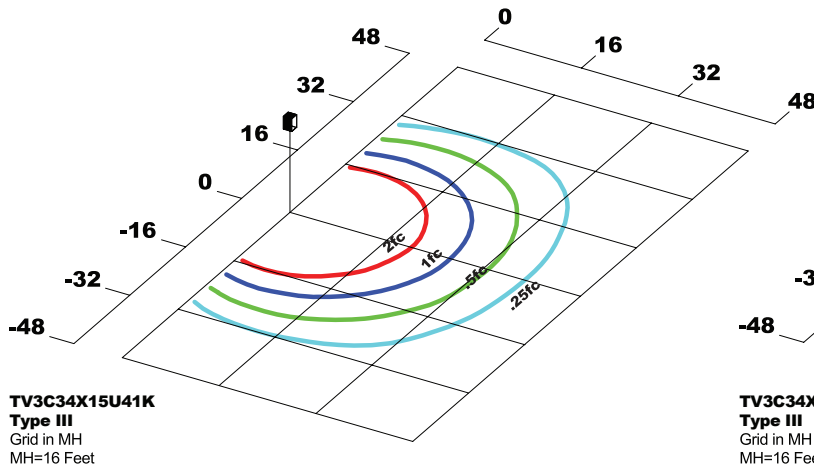
**FL73SFXZ** External Mount Die-Cast Adjustable Slipfitter for 2½" Tenons, Bronze Powdercoat Finish, Includes Hardware.

**FL73BRZ** Two-Piece Stamped Steel Adjustable Bracket, Bronze Powdercoat Finish, Includes Hardware.

**P18114** 120-277V, 50/60Hz Pencil Photocell

For Replacement Battery Backup, see the LEPC LED Battery Backup Specification Sheet.

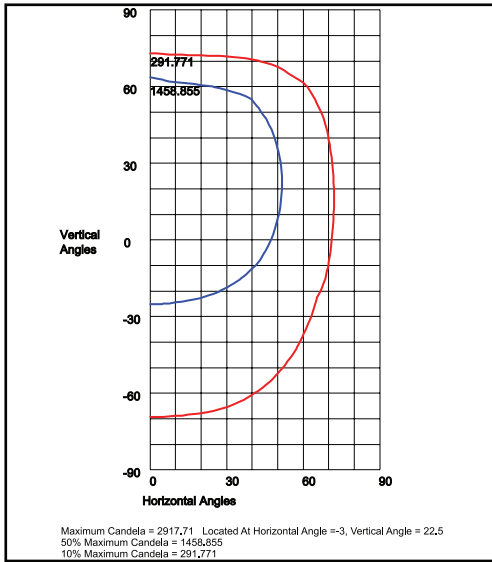
### PHOTOMETRIC DATA



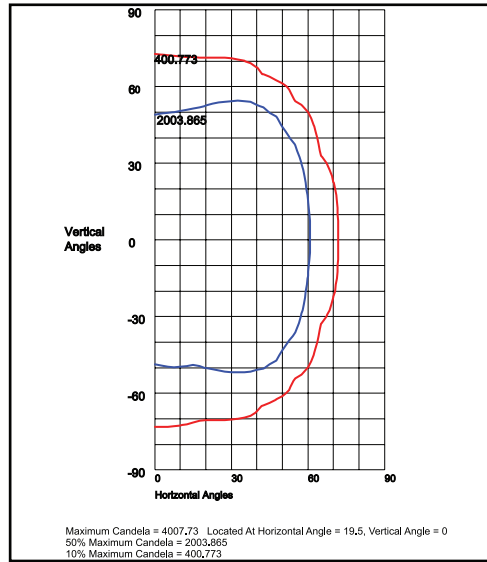
### PHOTOMETRIC PERFORMANCE

LED Board Watts	Drive Current (mA)	Input Watts	Optics	4100 CCT 80 CRI				
				Lumens	LPW	B	U	G
<b>COB LED 60w</b>	525	56	Type III	6,508	116	2	1	1
<b>COB LED 80w</b>		80	Type III	8,212	103	3	1	1

## PHOTOMETRIC DATA



**TV3C34X15U41K**  
 105°H x 90°V Beam, NEMA 7H x 7V



**TV3C34X20U41K**  
 100°H x 80°V Beam, NEMA 7H x 7V

## PHOTOMETRIC PERFORMANCE

4100 CCT 80 CRI

LED Board Watts	Drive Current (mA)	Input Watts	Beam	Lumens	LPW
<b>COB LED 60w</b>	525	56	105°H x 90°V, NEMA 7H x 7V	6,509	116
<b>COB LED 80w</b>		80	100°H x 80°V, NEMA 7H x 7V	8,221	103

## PROJECTED LUMEN MAINTENANCE

Data shown for 4100 CCT			Compare to MH			
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated LED Life
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	All wattages up to and including 80w	1.00	0.90	0.81	0.61	77,000
<b>L70 Lumen Maintenance @ 50°C / 122°F</b>		1.00	0.87	0.73	0.46	56,000
<b>L80 Lumen Maintenance @ 40°C / 104°F</b>		1.00	0.88	0.77	0.53	43,000

## NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA 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.