

T3C

L70
25°C

77,000 Hours

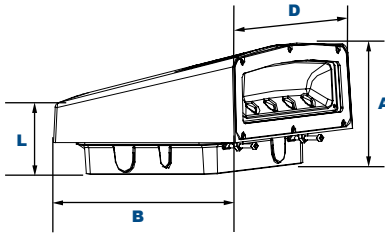
Large LED Traverse Wall and Flood Light



Shown with "SF" Slipfitter Mounting Option.

Dimensions

Width (D)	9 3/4" (248mm)
Length (B)	11 1/4" (286mm)
Height (A)	6 1/8" (156mm)
Length with Mount (L)	Bracket (BR): 11 3/8" (302mm) Knuckle (KN): 11 1/8" (302mm) Slipfitter (SF): 13 3/8" (340mm)



The Jemm T3C 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.

Specifications and 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:

QSSI 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.

Warranty:

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

See Page 3 for Projected Lumen Maintenance Table.

Order Information Example:

T3C80U41KZKNP

Model	Wattage	Driver	CCT	Color	Mounting	Options
T3C=Large LED Traverse Wall and Flood Light	60w 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

Project Information:

Project Name: _____ Fixture Type: _____

Complete Catalog #: _____ Date: _____

Comments: _____

Certification & Listings:



DesignLights Consortium™
Qualified Luminaires:
TV3C34X15U41K*
TV3C34X20U41K*



Large LED Traverse Wall and Flood Light

Accessories & Replacement Parts:



FLPTF

FLSTK

P18110 & P18112

FLSTZ*

FL73SFXZ*

FL73BRZ*

P18114

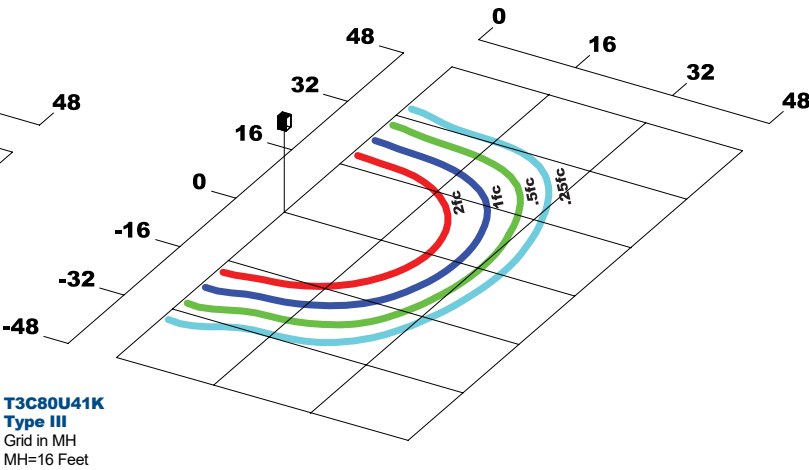
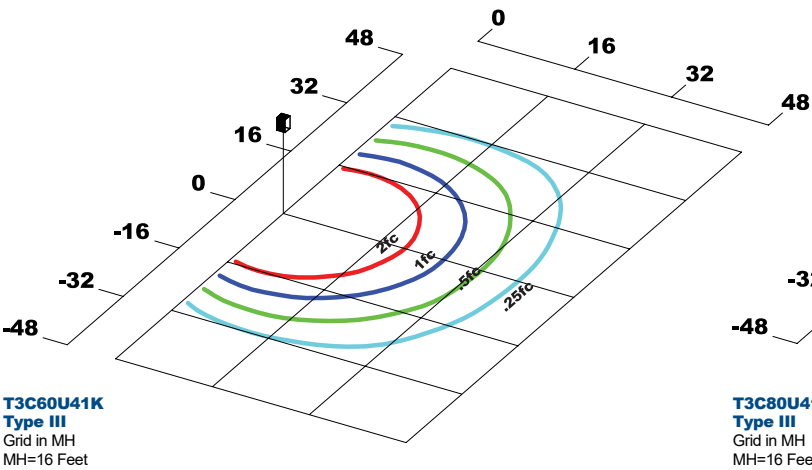
*Shown Mounted

Mounting Accessories (Order Separately, Field Installed)	
FLPTFZ	Die-cast Post Top Fitter for 2 3/8" to 3 1/2" Poles, Bronze Powdercoat Finish, Three (3) 1/2" Coin Plugs.
FLSTK	Heavy Duty Ground Stake, Built-in Wiring Compartment with 1/2" NPS Threaded Fitting, Black Plastic.

Accessories (Order Separately, Field Installed)	
P18110	110-130V, 120VAC Pencil Photocell
P18112	208-277V, 240VAC Pencil Photocell

Replacement Parts (Order Separately, Field Installed)	
FLSTZ	Die-Cast Adjustable Knuckle with 1/2" NPS Threads, Bronze Powdercoat Finish.
FL73SFXZ	External Mount Die-Cast Adjustable Slipfitter for 2 3/8" 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

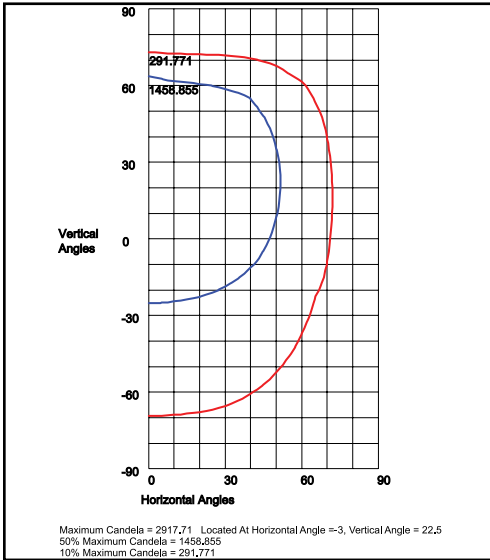
Photometric Data



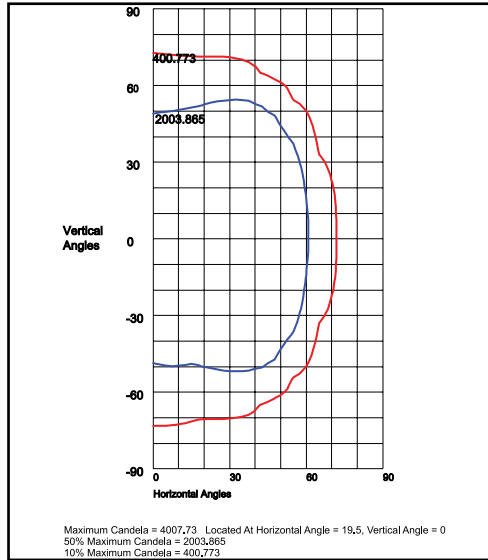
Photometric Performance

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

Photometric Data



T3C60U41K
 105°H x 90°V Beam, NEMA 7H x 7V



T3C80U41K
 100°H x 80°V Beam, NEMA 7H x 7V

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Beam	4100 CCT 80 CRI	
				Lumens	LPW
COB LED 60w	525	56	105°H x 90°V, NEMA 7H x 7V	6,509	116
COB LED 80w		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 L70@ 25°C
L70 Lumen Maintenance @ 25°C / 77°F	56	1.00	0.91	0.83	0.65	86,000
L70 Lumen Maintenance @ 25°C / 77°F	80	1.00	0.90	0.81	0.61	77,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L70@ 50°C
L70 Lumen Maintenance @ 50°C / 122°F	56	1.00	0.89	0.78	0.56	68,000
L70 Lumen Maintenance @ 50°C / 122°F	80	1.00	0.87	0.73	0.46	56,000
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs	Calculated L80@ 40°C
L80 Lumen Maintenance @ 40°C / 104°F	56	1.00	0.89	0.79	0.57	47,000
L80 Lumen Maintenance @ 40°C / 104°F	80	1.00	0.88	0.77	0.53	43,000

NOTES:

- 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.
- Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.