

T2C

L70
25°C

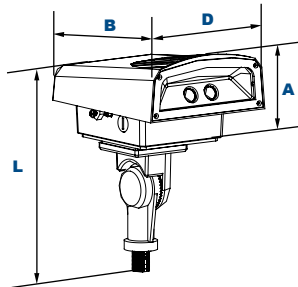
76,000 Hours

Small LED Traverse Wall Accent and Flood Light



Shown with "KN" Knuckle Installed.

12V
AVAILABLE



Dimensions

Width (D)	6 5/8" (168mm)
Length (B)	7 7/8" (200mm)
Height (A)	4 1/2" (114mm)
Height with Mount (L)	10 5/8" (270mm)

Order Information Example:

T2C40U41KZKNSP

T2C			41K		KN	
Model	Wattage	Driver	CCT	Color	Mounting	Options
T2C=Small LED Traverse Wall Accent and Flood Light	20 40	U=120-277V V=12V* H=347-480V C=347V♦ *20w Model Only. ♦2x20w only	41K=4100K	Z=Bronze C=Custom (Consult Factory)	KN=1/2" NPS Knuckle, (Field Installed)	SF=Single Fuse* (120-277V Only) DF=Double Fuse* (120-277V Only) SP=Surge Protection* P14=Pencil Photocell, 120-277VAC* *Not Available on 12V Model.

Project Information:

Project Name: _____ Fixture Type: _____

Complete Catalog #: _____ Date: _____

Comments: _____

The Jemm T2C luminaire is available in two wattages designed to replace HID lighting systems up to 175w 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 heights of 8 to 15 feet can be used 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 or use 1/2" Surface Mount Conduit. Adjustable Knuckle with 1/2" NPS Threads, Sold Separately, Field Installed.

COB LED:

QSSI Cool Copper COB

Wattage:

20w COB: 20w, System: 21w; (100w HID Equivalent)

Note: 12V Model is 20w only.

40w COB 40w, System: 43w; (175w HID Equivalent)

Driver:

Electronic Driver, 120-277V, 50/60Hz; 347-480V, 50/60Hz or 347V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection is 2kV for 20w, 6kV for 40w. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

12V: Electronic Driver, 12-17VAC Input, 50/60Hz, Non-Dimmable (20w Model Only)

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.


Certification & Listings:



DesignLights Consortium™
Qualified Luminaires:
TV2C32X10U41K*
TV2C32X20U41K*



EPA (Effective Projected Area)

Configuration	EPA (Sq. Ft.)	Weight (Lbs.)
 1	.31	5 Lbs

Accessories & Replacement Parts:



Mounting Accessories (Order Separately, Field Installed)

FLPTFZ Die-cast Post Top Fitter for 2¾" 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. For Line-Voltage Applications.

NA04 Plastic Ground Stake with ½" NPT Threads, 11" H x 3" Diameter. For Low-Voltage Applications.

Accessories (Order Separately, Field Installed)

P18110* 110-130V, 120VAC Pencil Photocell

P18112* 208-277V, 240VAC Pencil Photocell

FB1VZ Die-Cast Rotatable Visor, Bronze Powdercoat Finish.

NT150BK 150w, 120V Black Powdercoat Steel Landscape Transformer, 12V, with Timer and Photocell

NT300SS 300w, 120V Stainless Steel Landscape Transformer, 12V, with Timer and Photocell

NT300SSM 300w, 120V Stainless Steel Landscape Transformer, Multi-Tap 12/14/17V, with Timer and Photocell

Replacement Parts (Order Separately, Field Installed)

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

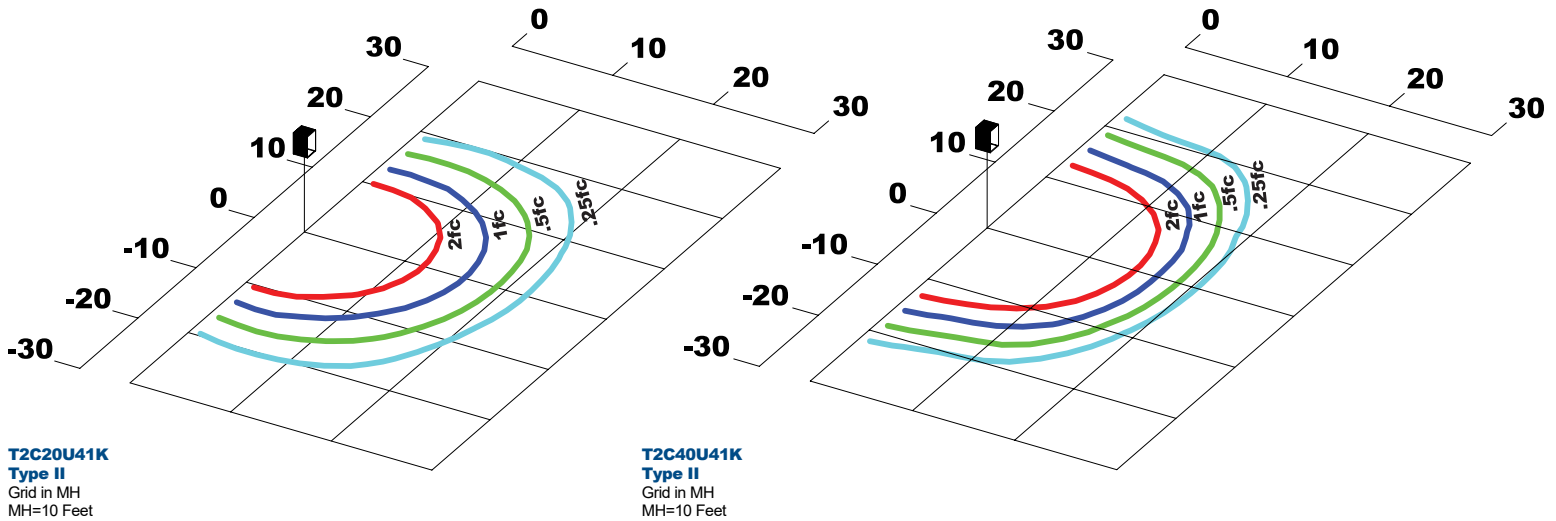
P18114* 120-277V, 50/60Hz Pencil Photocell

*Not Available on 12V Model.

*Shown Mounted

*Not Available on 12V Model.

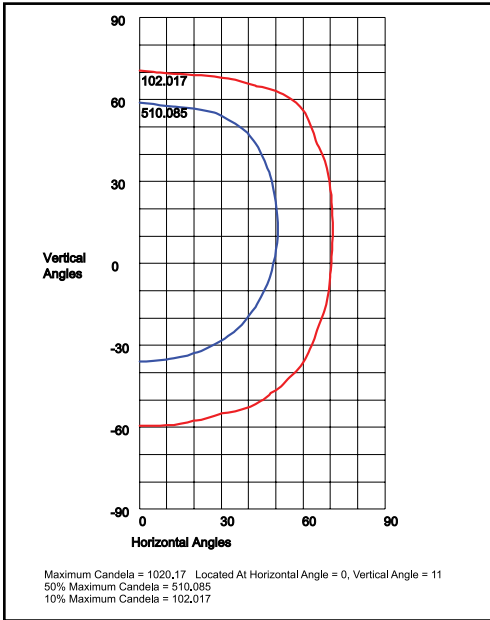
Photometric Data



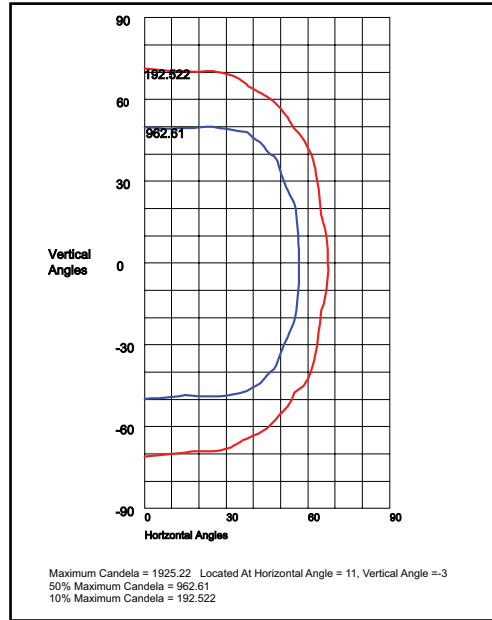
Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Optics	4100 CCT 80 CRI				
				Lumens	LPW	B	U	G
COB LED 21w	525	21	Type II	2,300	110	1	1	0
COB LED 43w		43	Type II	4,025	94	2	1	1

Photometric Data



T2C20U41K
110°H x 100°V Beam, NEMA 7H x 6V



T2C40U41K
100°H x 90°V Beam, NEMA 7H x 6V

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Beam	4100 CCT 80 CRI	
				Lumens	LPW
COB LED 21w	525	21	110°H x 100°V, NEMA 7H x 6V	2,304	110
COB LED 43w		43	100°H x 90°V, NEMA 7H x 6V	4,034	94

Projected Lumen Maintenance

Data shown for 4100 CCT			Compare to MH				Calculated L70@ 25°C
TM-21-11	Input Watts	Initial	25,000 Hrs	50,000 Hrs	100,000 Hrs		
L70 Lumen Maintenance @ 25°C / 77°F	21	1.00	0.91	0.82	0.64	84,000	
L70 Lumen Maintenance @ 25°C / 77°F	43	1.00	0.90	0.80	0.61	76,000	
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	21	1.00	0.89	0.78	0.55	67,000	
L70 Lumen Maintenance @ 50°C / 122°F	43	1.00	0.86	0.72	0.44	54,000	
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	21	1.00	0.89	0.78	0.57	46,000	
L80 Lumen Maintenance @ 40°C / 104°F	43	1.00	0.88	0.76	0.52	42,000	

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.