

ECTV3C3 COB Technology

Large LED Traverse Flood Light



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Order Information Example:		ECTV3C34X20U41KZKNP				
Model	Wattage	Driver	CCT	Color	Mounting	Options
ECTV3C3= Large LED Traverse 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



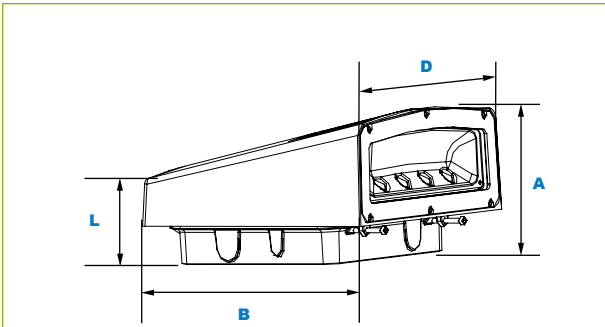
Shown with "SF" Slipfitter Mounting Option.

L70
(25°C) **77,000 Hours**

The Eco-Revolution ECTV3C3 flood light luminaire is available with knuckle, slipfitter, or two-piece bracket mounting configurations and two wattages designed to replace HID lighting systems up to 400w MH or HPS. Typical lighting applications include 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 IP65 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 with Heavy-Duty Adjustable Knuckle, Slipfitter, or Two-Piece Swivel Bracket (Field Installed).
COB LED:	Cool Copper COB
Wattage:	60w: COB 60w, System Input 56w (250w HID Equivalent) 80w: COB 80w, System Input 80w (400w HID Equivalent)
Driver:	Electronic Driver, 120-277V, 50/60Hz; Dimmable Driver
Warranty:	5-Year Warranty for -40°C to +50°C Environment.



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

LM-79 Report Available on Select Models.
See Page 2 for Projected Lumen Maintenance Table.

Certification & Listings:



Project Information:	Project Name: _____	Fixture Type: _____
	Complete Catalog #: _____	Date: _____
	Comments: _____	_____
	_____	_____

5 LOCATIONS
Tampa, FL
Vancouver, WA
Cerritos, CA
Walden, NY
Memphis, TN

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Accessories & Replacement Parts:



*Shown Mounted

Mounting Accessories (Order separately, Field installed)

ECFLPTFZ	Die-Cast Post Top Fitter for 2 3/4" to 3 1/2" Poles, Bronze Powdercoat Finish, Three (3) 1/2" Coin Plugs.
ECFLSTK	Heavy Duty Ground Stake, Built-in Wiring Compartment with 1/2" NPS Threaded Fitting, Black Plastic.

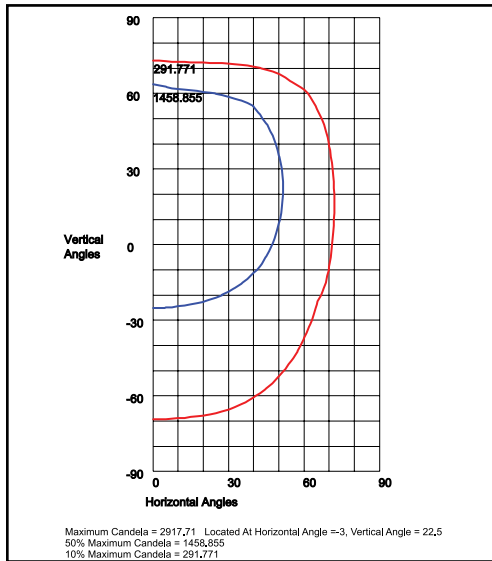
Accessories (Order separately, Field installed)

ECP18110	110-130V, 120VAC Pencil Photocell
ECP18112	208-277V, 240VAC Pencil Photocell

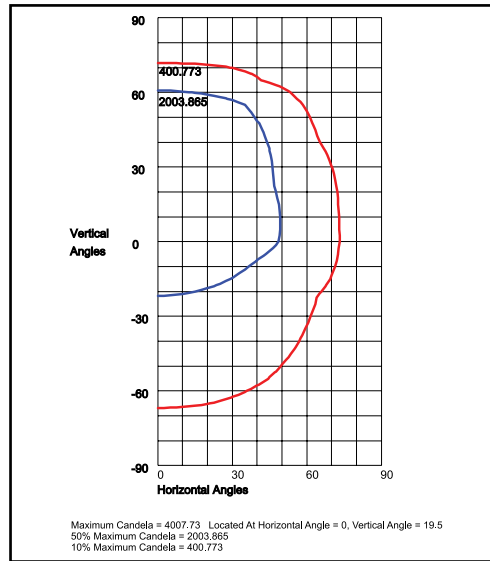
Replacement Parts (Order separately, Field installed)

ECFLSTZ	Die-Cast Adjustable Knuckle with 1/2" NPS Threads, Bronze Powdercoat Finish.
ECFL73SFZX	External Mount Die-Cast Adjustable Slipfitter for 2 3/4" Tenons, Bronze Powdercoat Finish, Includes Hardware.
ECFL73BRZ	Two-Piece Stamped Steel Adjustable Bracket, Bronze Powdercoat Finish, Includes Hardware.

Photometric Data



ECTV3C34X15U41K
105"H x 90°V Beam, NEMA 7H x 7V



ECTV3C34X20U41K
100"H x 80°V Beam, NEMA 7H x 7V

Photometric Performance

LED Board Watts	Drive Current (mA)	Input Watts	Beam	4100K 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:
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.