

SPECIFICATIONS

Housing/Doorframe - Die cast, low copper content aluminum for maximum resistance to the outdoor elements. Doorframe is hinged for ease of maintenance. All fasteners are stainless steel and retained.

Optical - Offered with Type III, V(S), IV, II Short, and II Medium faceted and die formed optics. Made from high specular Alzak® aluminum. Reflectors are die formed for consistent optical performance. Reflectors can be easily field rotated in 90° increments for optimal performance. All photometry is performed by certified independent photometric testing laboratory.

Lamp - Light Emitting Plasma™ lamp (supplied). Nominal AC Power 288 watts at full output . Dimming range 20%-100%. Lamp is rapid start, typical full output within 45 seconds and within 2 minutes to full output for hot re-start. Lamp is serviced from outside of lamp housing thus keeping lamp chamber free from the elements.

Lens - Clear tempered high transmission soda-lime glass. Optional solite (prismatic) is available.

Seals - Optical and electrical compartments are completely sealed from the elements using single piece, high temperature, silicone molded rubber gaskets.

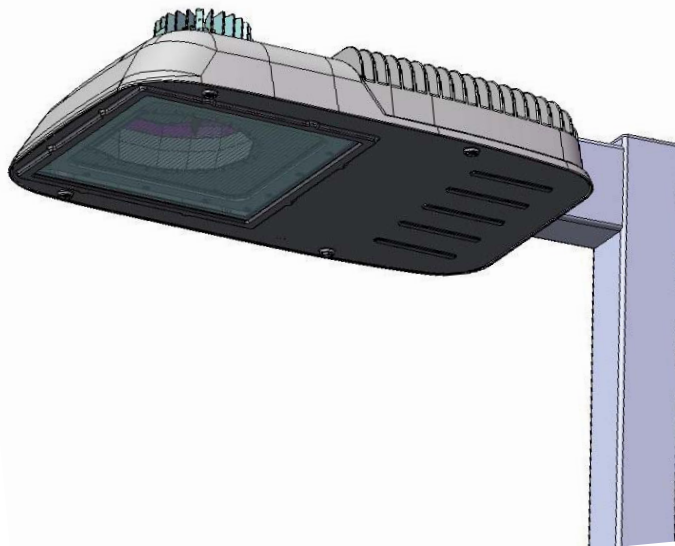
Mounting - Luminaire is supplied with a 4" high x 3" wide x 8" long aluminum extruded arm finished to match luminaire. Arm mounts to luminaire and pole with two (2) 3/8" threaded rods, hex nuts and washers (supplied). Steel threaded Rods, hex nuts and washers are hot dipped galvanized. Wall mounting option is available (consult factory).

Input Voltage - 120V, 208, 240V, 277V.

Finish - Specify natural, dark bronze, black or white. Finish is marine grade, polyester powder coat with UV inhibitors. Other colors available consult ECHO Lighting Inc.

Electrical - All components are integral to luminaire. Power supply and lamp driver are electronic and high power factor. Driver is 28V DC. Twistlock photocell and dimming options are available. Internal surge protection is standard. All components are UL recognized. Luminaire is shipped complete and ready to install.

Labels: Luminaire is designed for operation in wet locations.



Area Luminaire

TYPES

PRODUCT CODE	ELP400-41-01	ELP400- 41-02
LAMP LUMENS	23,000	17,000
FIXTURE LUMENS	20,470	15,130
LIFE HOURS	50,000	30,000
CRI	74	94
CCT	5700	5600

WEIGHT

POUNDS	KILOGRAMS
31	14

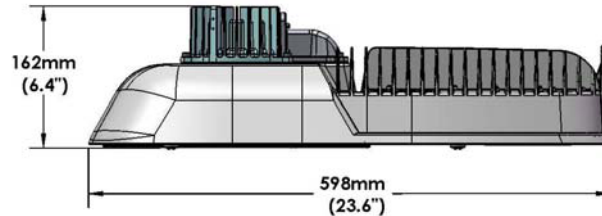
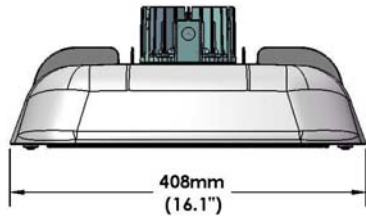
WINDLOADS

LUMINAIRE CONFIGURATION	EPA
SINGLE LUMINAIRE	TBD
TWIN LUMINAIRE 180°	TBD
TWIN LUMINAIRE 90°	TBD
3 WAY, 4-WAY	TBD

"BUG" RATING

B	U	G
1	0	1

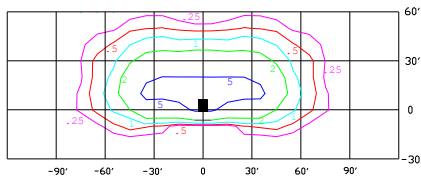
DIMENSIONS



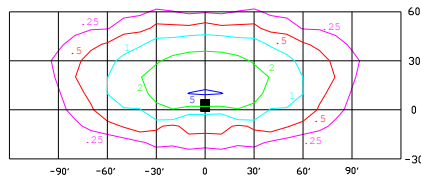
OPTICS

Layouts for P00-01 / Typical 30' Mounting Height / Calculations are in Footcandles

TYPE II SHORT



TYPE II MEDIUM



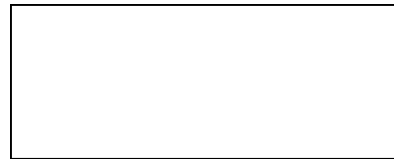
TYPE III



TYPE IV



TYPE V SQUARE



ORDERING INFORMATION

COMPANY NAME: _____ CONTACT: _____

PHONE NO: _____ FAX: _____ EMAIL: _____

JOB NAME: _____

ORDERING CODES

PRODUCT	LEP SERIES	OPTICS	EMC*	VOLTAGE	ACCESSORIES
ELP400	(01) 41-01 (02) 41-02	(2S) TYPE II SHORT (2M) TYPE II MEDIUM (3) TYPE III (4) TYPE IV (5S) TYPE V SQUARE	MESH (M) NO MESH (NM)	(12) 120V (24) 240V (28) 208V (27) 277V	(PC) TWISTLOCK PHOTOCELL W/RECEPTACLE 120V-277V (SL) TEMPERED CLEAR SOLITE GLASS (DIM) DIMMING (SF) ADJUSTABLE SLIP FITTER-KNUCKLE 2 3/8"

*WITH MESH LUMINAIRE IS FCC CERTIFIED CLASS A WALL MOUNT OPTION IS AVAILABLE CONSULT LUXIM®

SPECIFY POLE DIAMETER IF LUMINAIRE IS USED ON ROUND POLE

ORDER ENTRY

TYPE	QTY	PRODUCT	LEP SERIES	OPTICS	EMC	VOLTAGE	ACCESSORIES
		ELP400					
		ELP400					
		ELP400					

ORDERING EXAMPLE

TYPE	QTY	PRODUCT	LEP SERIES	OPTICS	EMC	VOLTAGE	ACCESSORIES
L7	24	ELP400	01	5S	M	27	PC

CONTRACTOR CODE QUANTITY ECHO CATALOG NO. 23000 LUMENS TYPE II MED DISTR EMC CERTIFIED 277V PHOTOCELL W/RECEPTACLE