



CURTIS STOUT

Date: Feb 4, 2026

Curtis Stout, Inc.
201 Evans Road - Suite 110
Harahan LA 70123
Phone: (504) 818-1848

Job Name
NEW FIRE STATION 10
NOL26-153375
SLIDELL LA

Bid Date
Feb 19, 2026

Submittal Date
Feb 3, 2026

all lighting good / not the big fan though

**CURTIS STOUT**

Transmittal

Curtis Stout, Inc.
 201 Evans Road - Suite 110
 Harahan LA 70123
 Phone: (504) 818-1848
From: Janel Mancuso

Project NEW FIRE STATION 10
Quote# NOL26-153375
Location SLIDELL LA
 Contact:

ATTACHED WE ARE SENDING YOU 1 COPY OF THE FOLLOWING ITEM:

- | | | |
|-----------------------------------|---|--------|
| <input type="checkbox"/> Drawings | <input type="checkbox"/> Specifications | Other: |
| <input type="checkbox"/> Prints | <input type="checkbox"/> Information | |
| <input type="checkbox"/> Plans | <input type="checkbox"/> Submittals | |

THESE ARE TRANSMITTED FOR:

- | | | |
|--|---|---------------------------------|
| <input type="checkbox"/> Prior Approval | <input type="checkbox"/> Resubmittal for Approval | <input type="checkbox"/> Record |
| <input type="checkbox"/> Approval | <input type="checkbox"/> Corrections | Bids due on: |
| <input type="checkbox"/> Approval as Submitted | <input type="checkbox"/> Your Use | Other: |
| <input type="checkbox"/> Approval as Noted | <input type="checkbox"/> Review and Comment | |

Qty	Type	MFG	Part
0	EM1	Emergencee Lighting Inc.	SEEELDBB10W
0	EM2	Emergencee Lighting Inc.	SEEHPMWSDT
0	EX1	Emergencee Lighting Inc.	SEEXEL1RCAEMSDT
0	EX2	Emergencee Lighting Inc.	SEEXA2RGWEM
0	F1	Liron Lighting	F05S-52IN-5B-30K-BN
0	F1A	Liron Lighting	F05S-52IN-5B-30K-BN-WC
0	L1	EiKO Global LLC	LLW4/PS48/8FCCT/HD
0	L10	Liron Lighting	P08-10-30K-BN
0	L11	Liron Lighting	P08-10-30K-BN
0	L12	Liron Lighting	RFCWP1-UW3CCT-80W
0	L13	Endeavor Lighting	ENVP53QF1X23U4K(FINISH)GNF / ENGNA01336(FINISH)S / ENVS30A(FINISH)
0	L14	Elite Lighting	OVT-LED-1000L/1400L/1700L-MVOLT- 30K/40K/50K-GR-WM
0	L2	EiKO Global LLC	CD6-PS20-8FCCT-UDIM-WH
0	L3	EiKO Global LLC	LHS1-PS200-8FCCT-HDIM
0	L4	Elite Lighting	OVT-LED-1000L/1400L/1700L-MVOLT- 30K/40K/50K-GR-CM
0	L5	EiKO Global LLC	VANLX2-210-28W-9CCT3-120D-NI
0	L6	EiKO Global LLC	CD6-PS20-8FCCT-UDIM-WH
0	L7	EiKO Global LLC	VL1-24PS45-FCCT-H / FP1-SMK-24
0	L7A	EiKO Global LLC	VL1-14PS35-FCCT-H / FP1-SMK-14
0	L8	Endeavor Lighting	ENFB1DC31X20V41KZKN / ENFLPTFZ / ENFB1VZ
0	L9	EiKO Global LLC	LLW4/PS48/8FCCT/HD
0	P1	Liron Lighting	UPK1-UW3CCT-140W-4-AM03
0	P1pole	Valmont Industries	DS330-400Q200-D1-FP-DB-FBC-AB
0	P2	Liron Lighting	UPK1-UW3CCT-140W-3-AM03
0	P2pole	Valmont Industries	DS330-400Q200-D1-FP-DB-FBC-AB
0	BAF	Hunter Industrial Fan	ECO10-AC 1PH-200-240V/ 50-60HZ (4.5-6 DOWNROD)- MOUNTING TBD



America's Leader in Life-Safety Lighting Products

Job Name: _____

Type: _____

Part #: _____

Notes: _____

SEEELD
Recessed LED Down Light Series MLD

GENERAL DESCRIPTION

With spacing up to 55 ft in 9 ft ceilings, this recessed down light with a 4" trim is our most efficient emergency luminaire; very effective in long corridors, it is inconspicuous and will blend with general lighting fixtures without affecting the appearance of ceiling layouts.

CONSTRUCTION

4" Trim ring installation with standard can and back plate.
Three versions available:
BB=Unit equipment with self-contained battery
AC=Remote for connection to AC 120/277 emergency supply.

ELECTRONICS

Lamps are connected in parallel. If one lamp fails, one or more lamps will continue in operation.
Universal 120/277 VAC input for standard battery or AC unit, or 24 VDC input for remote configuration. Power supply delivers regulated current and voltage to LED lamps at optimum levels to maximize lamp life. Automatic battery diagnostics available for all battery models.

CODES

- Manufactured and tested to UL Standard 924 and NFPA Life Safety Code 101.



WARRANTY

- 5 year total customer satisfaction warranty. For details see product catalog technical data section.

ENERGY EFFICIENT OPERATION

- Emergency lighting with optional dual function operation for night or security lighting.
- Very low power consumption in optional night/security mode. The security lighting circuit is independent of emergency lighting and may be switched manually, by an exterior photocell, or other automatic means.
- Over 50,000 hour lamp life in normal use.
- IES photometric data available for all models.

ORDERING INFORMATION:

MODEL	OPERATION	WATTS	TRIM COLOR	OPTIONS
SEEELD				
SEEELD	BB= Battery Backup AC= AC Supply 120/277V	BB Models 7 = 7 Watts 10 = 10 Watts AC Models 4 = 4 Watts 7 = 7 Watts	W=White 'X'=Custom	DG= Battery Diagnostics (BB Models Only) DP= Damp Location SB120= Security Lighting with Control Switch for Standard BB Operation (120V) SD277= Security Lighting with Control Switch for Standard BB Operation (277V) SD= Security Lighting with Control Switch for BB Operation with DG option (120/ 277V) HPS= High Power SEC Mode (RE Models Only) IC= Insulation Contact Rated

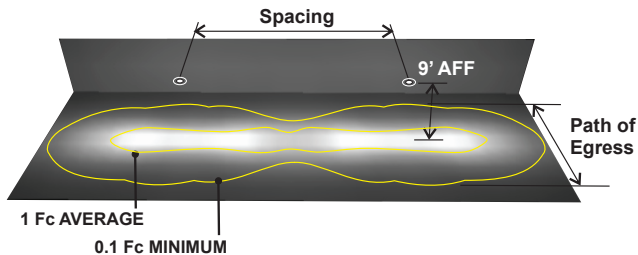


America's Leader in Life-Safety Lighting Products

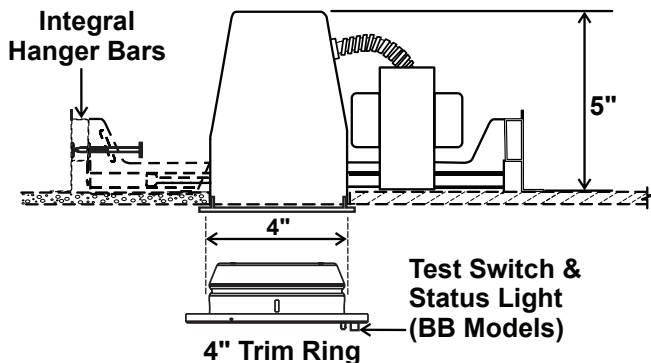
Job Name: _____
Type: _____
Part #: _____
Notes: _____

SUGGESTED SPECIFICATIONS:

Install MOONLITE® Series MLD Recessed LED downlight emergency lighting fixture manufactured by Signtex Inc., available as unit equipment or as a remote device connected to a central battery power source. Upon loss of AC building power, emergency models shall operate for a minimum of 90 minutes under battery power, in compliance with UL 924 and NFPA LSC Code 101. The unit may be specified to operate continuously for security or night lighting, as required. The battery charger and power supply shall have universal input of 120/277 VAC, with brownout and LVD circuit protection. Auto battery diagnostics shall be available for all models, as specified and shall perform all test functions specified by UL 924 and NFPA 101.



MOUNTING DATA & DIMENSIONS:



SPACING GUIDE Average Illuminance 1 Fc

Model	Mtg. Ht.	SPACING		
		Path of Egress Width		
		3 Ft.	6 Ft.	10 Ft.
7 W	9'	50'	40'	25'
10 W	9'	55'	50'	40'

NOTE: TESTED IN ACCORDANCE WITH IES STANDARD LM-79-08 FOR SOLID STATE LIGHTING PRODUCTS. FOR REFERENCE ONLY. STANDARD REFLECTANCES 80/50/20. SIGNTEX IS NOT RESPONSIBLE FOR SPECIFIC CONDITIONS THAT MAY ALTER THE RESULTS. COMPLETE IES PHOTOMETRIC DATA AVAILABLE AT WWW.SIGNTEXINC.COM FOR YOUR CONVENIENCE.

CONTACT SIGNTEX FOR LAYOUT ASSISTANCE
Code Compliant Emergency lighting layouts provided free of charge!

POWER RATING

MODEL	OPERATION	WATTS	
BB	Emergency	7	10
	SEC/ Normal On	4	5
AC	Line Voltage	4	7

SECURITY LIGHTING CONTROL

BB Models: Requires Option '-SB120' for connection to 120 VAC
 Requires Option '-SD277' for connection to 277 VAC

BB-DG Models: Requires Option '-SD' for connection to 120/ 277 VAC

SELF- TEST DIAGNOSTIC FUNCTIONS
BB MODELS WITH DG FUNCTION

STATUS	LED DISPLAY
NORMAL FULL CHARGE	GREEN ON
NORMAL/FAST CHARGE	ORANGE ON
FAILED BATTERY	RED FLASFAST
FAILED LAMP	GREEN FLASH
FAILED TRANSFER	ORANGE FLASH
FAILED CHARGER	RED FLASHLOW



JOB NAME: _____
 TYPE: _____
 PART #: _____
 NOTES: _____

SEEHPEM

LED High Performance Emergency Thermoplastic Unit



ILLUMINATION

- Ultra-bright, energy efficient, long-life White LED adjustable lamp heads provide up to 100-ft center-to-center spacing with a 3-ft path of egress at 7-1/2-ft mounting height. Spacing:
- High performance chrome-plated metallized reflector and plastic lens.
- 5.0 watt (12 LEDs x 0.42 watt) per head.

ELECTRICAL

- Universal 120-277 voltage.
- Unique bi-color LED indicator light alerts occupant on battery condition (Red-normal, OFF-check battery).
- Charge rate/power "ON" LED indicator light and push-to-test switch for mandated code compliance testing.
- 9.6V long-life, maintenance-free, rechargeable lithium iron phosphate battery.
- Remote capacity of 3.0 watts standard.
- Internal solid-state transfer switch automatically connects the internal battery to LED lamp heads for minimum 90-minute emergency illumination.
- Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours.

MOUNTING

- Universal knockout pattern on back plate for surface mount.
- Knockouts provided for conduit feed applications.
- Suitable for wall or ceiling mount.

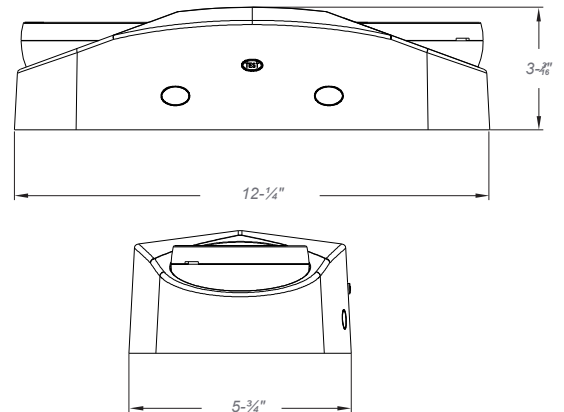
HOUSING

- Injection-molded, engineering grade, 5VA flame retardant, high-impact resistant, thermoplastic in white or black finish.

OPTIONS

- SDT: Self-diagnostic feature performs monthly, biannual, and annual tests to ensure reliable operation and meet electrical and life safety codes.

DIMENSIONS



WARRANTY / LISTING

- Five-year warranty on all electronics and housing. Battery prorated for five years.
- Meets UL924, NFPA 101, Life Safety Code, NEC, OSHA, Local and State Codes.
- UL Listed for damp locations (0°C – 50°C).
- Certified to CEC under title 20 regulations.

ORDERING INFORMATION

MODEL	HOUSING COLOR	OPTIONS
SEEHPEM	W White B Black	SDT Self-Diagnostics



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JOB NAME: _____
 TYPE: _____
 PART #: _____
 NOTES: _____

SEEXEL

Edge-lit Aluminum Exit Sign

ILLUMINATION:

- Ultra bright, energy efficient, long life Red or Green LEDs.
- UV-stabilized ultra-clear acrylic edgelit panel provides consistent, uniform illumination.
- Double face utilizes factory installed silver or white mylar background panel.

ELECTRICAL:

- Dual 120/277 voltage standard.
- Charge rate/power ðONó LED indicator light and push-to-test switch for mandated code compliance testing.
- 4.8V long life, maintenance-free, rechargeable NiCd battery (EM models only).
- Internal solid-state transfer switch automatically connects the internal battery to LED board for minimum 90-minute emergency illumination.
- Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours.

MOUNTING: Aluminum mounting canopy included for top, end or back mount.

HOUSING:

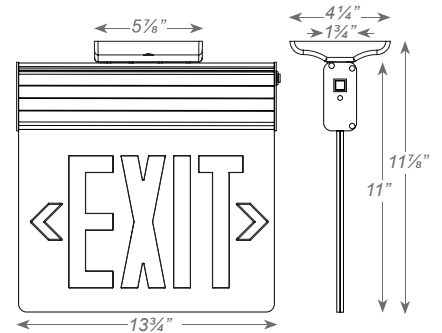
- Premium-grade, extruded aluminum housing (also available in optional black or white powder-coated finishes).
- Self-adhesive Chevron appliques and guide template provided for directional indication.

OPTIONS:

- 2C-120V/2C-277V: Voltage-specific dual circuit option on the AC-only unit enables it to be connected to two different supplies at the same time.
- SDT: Self-diagnostic feature performs monthly, biannual, and annual tests to ensure reliable operation and meets electrical and life safety codes.
- USA: Substantial transformation assembly in the U.S. complies with Assembled in the USA under the Buy American Act.
- SPV: UL Listed for 208/220/240 Volt, 50/60Hz.
- Custom: Signs available with requested special wording.



Dimensions



WARRANTY & LISTINGS:

- 5 Year Limited Warranty on all Electronics and Housing
- Battery Prorated for 5 Years
- Meets UL924, NFPA 101 Life safety Code, NEC, OSHA, Local and State Codes.
- UL Listed for Damp Locations (0°c-50°c)
- Certified to CEC Under Title 20 Regulations

STANDARD



OPTIONAL



ORDERING INFORMATION

Sample Part Number: SEEXEL1RCAEM

MODEL	No. of FACES	LETTER COLOR	PANEL	HOUSING COLOR	BATTERY	OPTIONS
SEEXEL	1 Single Face	R Red	C Clear	W White	(blank) AC-Only	Dual Circuit With 120V Input ²
	2 Double Face	G Green	M Mirror	B Black	Battery Backup	Dual Circuit With 277V Input ²
			W White	A Aluminum		SDT Self-Diagnostics ³
						USA Assembled In USA
						SPV 208/220/240 Volt, 50/60Hz ⁴
						CUSTOM Custom Wording

¹ With single face only.
² Available only with AC units.
³ Available only with EM units.
⁴ Not available with SDT.

Submitted by Curtis Stout, Inc.

Catalog Number:
SEEXEL1RCAEMSDT

Type:
EX1



Job Name:
NEW FIRE STATION 10

Notes:

NOL26-153375



JOB NAME: _____
TYPE: _____
PART #: _____
NOTES: _____

ELECTRICAL INFORMATION

CATALOG NUMBER	INPUT WATTS (W)					INPUT AMPS (A)				
	120V	277V	208V	220V	240V	120V	277V	208V	220V	240V
SEEXEL-RED/GREEN/EMSPV	3.6	4.0	3.9	3.98	3.98	0.030	0.020	0.022	0.022	0.020
SEEXEL-RED/GREEN/SDT/2C	3.6	4.0	-	-	-	0.030	0.020	-	-	-



JOB NAME: _____
 TYPE: _____
 PART #: _____
 NOTES: _____

SEEXA

Compact Thermoplastic Exit Sign

STANDARD



OPTIONAL



ILLUMINATION

- Ultra bright, energy efficient, long life Red or Green LED.

ELECTRICAL

- Dual 120/277 voltage.
- Charge rate/power "ON" LED indicator light and push-to-test switch for mandated code compliance testing.
- 1.2V Long life, maintenance-free, rechargeable NiCd battery.
- Internal solid-state transfer switch automatically connects the internal battery to LED board for minimum 90-minute emergency illumination.
- Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours.

MOUNTING

- EZ-snap mounting canopy included for top or end mount.
- Universal knockout pattern on back plate for wall mount.

HOUSING

- Injection-molded, engineering grade, 5VA flame retardant, high-impact resistant, thermoplastic in white or black finish.
- Aesthetically pleasing, curved face, rounded corner design.
- EZ snap-out chevron directional indicators.

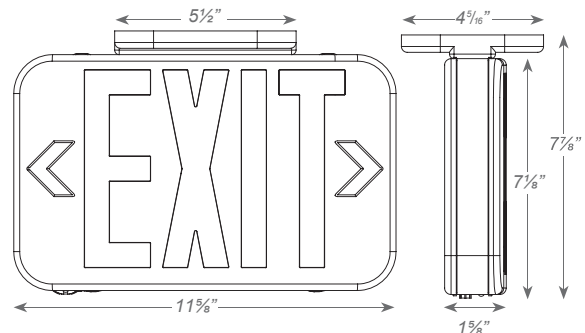
OPTIONS

- SDT: Self-diagnostic feature performs monthly, biannual, and annual tests to ensure reliable operation and meet electrical and life safety codes. Universal 120-277 voltage.
- Custom: Signs available with requested 'special' wording.
- USA: Substantial transformation assembly in the U.S. complies with "Assembled in USA" under the Buy American Act.

WARRANTY / LISTING

- Five year warranty on all electronics and housing. Battery prorated for five years.
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes.
- UL Listed for damp locations (0°C – 50°C).
- Certified to CEC under Title 20 Regulations.

DIMENSIONS



ORDERING INFORMATION

Sample Part Number: SEEXA2RWEM

SALIDA face plate option available. Check with your Best Lighting Representative.

MODEL	No. of FACES	LETTER COLOR	HOUSING COLOR	BATTERY	BATTERY
SEEXA	2 Universal Single/Double Face	R Red G Green RG Red/Green ¹	W White B Black	(blank) AC Only EM	SDT Self-Diagnostics ^{2,3} Custom Custom wording USA Assembled in USA

¹ Field selectable

² Available only with EM units.

³ Not available with RG units.

Submitted by Curtis Stout, Inc.

Catalog Number:
SEEXA2RGWEM

Type:

EX2



CURTIS STOUT

Job Name:
NEW FIRE STATION 10

Notes:

NOL26-153375



JOB NAME: _____

TYPE: _____

PART #: _____

NOTES: _____

ELECTRICAL INFORMATION

CATALOG NUMBER	INPUT WATTS (W)		INPUT AMPS (A)	
	120V	277V	120V	277V
SEEXA-RED/GREEN EM	1.0	1.0	0.1	0.1
SEEXA-RED SDT	2.5	2.5	0.05	0.05
SEEXA-GREEN SDT	2.7	2.7	0.05	0.05



FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

52" 3-SPEED CEILING FAN



Dimension: 52"D x 16"H

Features

- 52" indoor ceiling fan
- 3, 4 or 5 plywood blades
- Airflow: 4800 CFM
- Motor speed: 180 Max
- Default reversible blade is painted with brush nickel on one side, black on the other.
- Optional finish color: brush nickel/black/white/chrome
- 3 Speeds control
- 2-9 watt A19 LED light bulbs included
- Included 6" down rod
- Pull chain standard, optional wall or remote controls
- DOE (Department of Energy) certified

Optional accessories

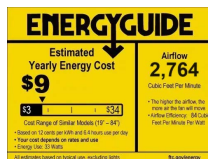
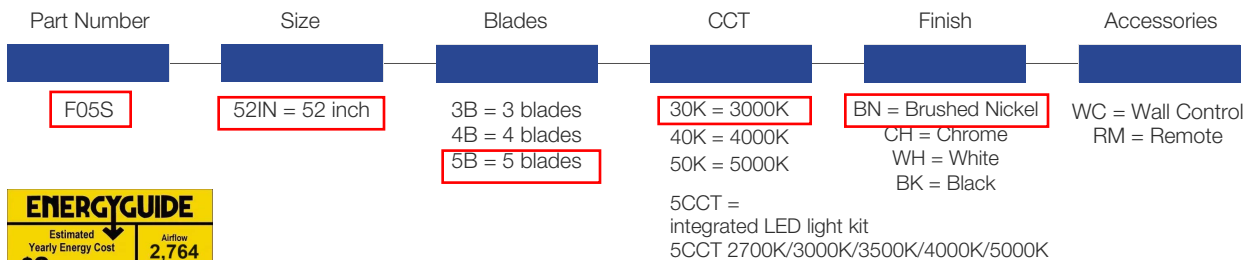


Wall control



Remote

Ordering Guide Example: F05S-52IN-3B-30K-BN-WC



Submitted by Curtis Stout, Inc.

Catalog Number:
F05S-52IN-5B-30K-BN

Type:



CURTIS STOUT

Job Name:
NEW FIRE STATION 10

Notes:

F1

NOL26-153375

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FIXTURE TYPE: _____
 PROJECT NAME: _____
 LOCATION: _____
 DATE: _____

52" 3-SPEED CEILING FAN



Dimension: 52"D x 16"H

Features

- 52" indoor ceiling fan
- 3, 4 or 5 plywood blades
- Airflow: 4800 CFM
- Motor speed: 180 Max
- Default reversible blade is painted with brush nickel on one side, black on the other.
- Optional finish color: brush nickel/black/white/chrome
- 3 Speeds control
- 2-9 watt A19 LED light bulbs included
- Included 6" down rod
- Pull chain standard, optional wall or remote controls
- DOE (Department of Energy) certified

Optional accessories

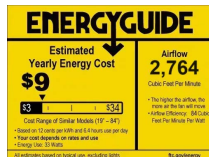
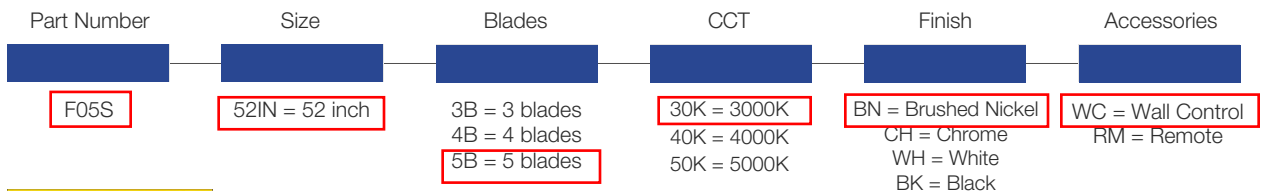


Wall control



Remote

Ordering Guide Example: F05S-52IN-3B-30K-BN-WC



5CCT = integrated LED light kit
5CCT 2700K/3000K/3500K/4000K/5000K



Submitted by Curtis Stout, Inc.

Catalog Number:
F05S-52IN-5B-30K-BN-WC

Type:
F1A



CURTIS STOUT

Job Name:
NEW FIRE STATION 10

Notes:

NOL26-153375

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LLW Linear Wrap

HIGHLIGHTS

- Ideal replacement for less efficient fluorescent wrap fixtures
- Perfect for lower traffic areas
- Internal back-up battery field install accessory available
- 2' and 4' versions
- PowerSet feature allows for multiple lumen stops out of the box
- FieldCCeT features provides multiple color temperature settings in one fixture

CERTIFICATIONS

- UL listed for US & Canada
- ETL Listed for US & Canada
- RoHS Compliant
- FCC Compliant
- Damp Location Rated
- DesignLights Consortium® Qualified - meets DLC requirements for efficacy and lumen maintenance

PERFORMANCE

- High Efficacy, up to 115 lm/W
- Available in fixed wattage models: 20W, 32W, 40W or 48W and PowerSet models: power-selectable 24/20/16W or 48/40/32W
- Available in single CCT models: 4000K or FieldCCeT models: field-selectable CCT 35/40/5000K
- CRI: >80
- Rated lifetime L70: 50,000 hours

ELECTRICAL

- Input voltage: 120-277V, 120-347V
- 12V Output: 200mA (on available models, see page 2)
- Power Factor: >0.9
- THD: <10%

THERMAL

- -4°F to 122°F (-20°C to 50°C) ambient operating temperature

CONSTRUCTION

- Durable steel body construction with white powder coat finish
- Polycarbonate lens

WARRANTY

- 5 Year limited warranty available [online](#). Contact your Eiko sales rep for additional details.

project name	type
catalog number	voltage
approved by	date



LLW2



LLW4


APPLICATIONS

- Classroom
- Meeting rooms
- Office
- Library
- Retail
- Reception/Lobby

KEY FEATURES
BACK-UP BATTERY

Internal back-up battery field install accessory available

MULTIPLE LUMEN OPTIONS

PowerSet feature allows for multiple lumen stops out of the box

MULTIPLE COLOR TEMPS

FieldCCeT features provides multiple color temperature settings in one fixture

INTERNAL BACK-UP
BATTERY FIELD INSTALL
ACCESSORY AVAILABLE

POWERSET FEATURE ALLOWS
FOR MULTIPLE LUMEN STOPS
OUT OF THE BOX

FIELDCCET FEATURES
PROVIDES MULTIPLE
COLOR TEMPERATURE
SETTINGS IN ONE FIXTURE


Job Name:
NEW FIRE STATION 10

Catalog Number:
LLW4/PS48/8FCCT/HD

Notes:

Type:

L1

NOL26-153375

AVAILABLE MODELS

ORDER	ORDER CODE	ITEM #	SIZE	WATTS	CCT*	LUMENS	EFFICACY (lm/W)	CRI	VOLTAGE	12V OUTPUT	DIMMING	DLC	
												STANDARD	
	12577	LLW2/20W/8FCCT/UD	2'	20W	35/40/5000K	2300 lm	115 lm/W	>80	120-277V	200mA	0-10V	S-N9HWZ0	
	12578	LLW2/PS24/8FCCT/HD	2'	24/20/16W	35/40/5000K	2760/2300/1840 lm	115 lm/W	>80	120-347V	n/a	0-10V	S-0SWDME	
	12580	LLW4/40W/8FCCT/UD	4'	40W	35/40/5000K	4600 lm	115 lm/W	>80	120-277V	200mA	0-10V	S-XIR2HQ	
	12581	LLW4/48W/8FCCT/UD	4'	48W	35/40/5000K	5520 lm	115 lm/W	>80	120-277V	200mA	0-10V	S-0WCHR3	
	11443	LLW4-368-32W-840-HD	4'	32W	4000K	3680 lm	115 lm/W	>80	120-347V	n/a	0-10V	PNIX397A	
	12579	LLW4/32W/8FCCT/UD	4'	32W	35/40/5000K	3680 lm	115 lm/W	>80	120-277V	200mA	0-10V	S-NTV8YP	
	11444	LLW4-460-40W-840-HD	4'	40W	4000K	4600 lm	115 lm/W	>80	120-347V	n/a	0-10V	PDJFW878	
	11445	LLW4-552-48W-840-HD	4'	48W	4000K	5520 lm	115 lm/W	>80	120-347V	n/a	0-10V	P67LU7LR	
	12582	LLW4/PS48/8FCCT/HD	4'	48/40/32W	35/40/5000K	5520/4600/3680 lm	115 lm/W	>80	120-347V	n/a	0-10V	S-7T8SAB	

*Ships at 4000K

MODEL CONFIGURATOR

MODEL	SIZE	-	WATTS	-	CRI/CCT	-	VOLTAGE/DIMMING
LLW		-		-		-	

EXAMPLE PART NUMBER: LLW4/32W/8FCCT/UD

BATTERY BACKUPS

ORDER	ORDER CODE	ITEM #	DESCRIPTION
	10918	EEBN08WUA050	EiKO Emergency Battery Kit Internal 8W 120-277VAC 25-50VDC CEC Compliant. Field Installed Only.
	10896	EEBN15WUA050	EiKO Emergency Battery Kit Internal 15W 120-277VAC 25-50VDC CEC Compliant. Field Installed Only.
	10897	EEBN20WUA050	EiKO Emergency Battery Kit Internal 20W 120-277VAC 25-50VDC CEC Compliant. Field Installed Only.

*WARNING: Battery is only compatible with 120-277V version. Contact EiKO for 347V battery backup options.

CONTROLS & SENSORS

ORDER	ORDER CODE	ITEM #	DESCRIPTION
STANDALONE CONTROLS			
PIR SENSORS			
	13861	SEN5A-SPPR-WH**	Stand-alone PIR Motion Sensor, 12-24V, Screw-in, 0-10V, Daylight Harvesting, 8-40ft, White, IP65, Parameters set by SEN5A-ACT. Note: Note: Swivel mount adapter required: SENA-AP-WH
	13342	SEN5A-SZPR-WH**	Stand-alone PIR Motion Sensor, 12-24V, Z10, 0-10V, Daylight Harvesting, 40ft, White, Parameters set by SEN5A-ACT. Note: Note: Swivel mount adapter required: SENA-AZ-WH
MICROWAVE SENSORS*			
	313895	MS1-DHR-KO-1	Stand-alone Microwave Motion Sensor, 120-277V, IP65, 1/2" knock-out, 0-10V, Ambient Threshold, 48ft, Parameters set by RC01. Note: Swivel mount adaptor required: SENA-AZ-WH.
	12150	SEN/M/S1C/KO	Stand-alone Microwave Motion Sensor, 120-277V, IP65 1/2" knock-out, 0-10V, Ambient Threshold, Parameters set by SEN-S1-RC3.
	13341	SEN5A-SZMR-WH**	Stand-alone Microwave Motion Sensor, 12-24V, Z10, 0-10V, Daylight Harvesting, 40ft, White, Parameters set by SEN5A-ACT. Note: Swivel mount adapter required: SENA-AZ-WH.
	13859	SEN5A-SPMR-WH**	Stand-alone Microwave Motion Sensor, 12-24V, Screw-in, 0-10V, Daylight Harvesting, 8-40ft, White, IP65, Parameters set by SEN5A-ACT. Note: Note: Swivel mount adapter required: SENA-AP-WH
REMOTES FOR COMMISSIONING STANDALONE CONTROLS			
	13344	SEN5A-ACT	Commissioning Tool for SEN5A, BAY-E-SEN/PIR, BAY-E-SEN/M, and MS2-DPX-3 (Backward compatible with SEN5A/CT and RC-100).
	313897	RC01	Commissioning Tool for MS1-DHR-SA-4, MS1-DHR-KO-1, MS1-DHR-KO-4.
	10917	SEN-S1-RC3	Commissioning Tool for SEN/M/S1C/KO.

* Microwave sensors must be installed on stable and immovable fixtures to avoid false activation from swinging.

CONTROLS & SENSORS CONT'D

NETWORKED LIGHTING CONTROLS (NLC)

SENSOR AND CONTROLLER

13246	SENA-WZPA-WH**	BLE PIR Motion sensor, 12-24V, IP65, Z10, 0-10V, Daylight Harvesting, 40ft, Parameters set by Silvoir App. Note: Swivel mount adapter required: SENA-AZ-WH
12643	PSC-ZKV-WCM-100-BLE-SR**	BLE TruBle wireless fixture Controller, 12-24V, Z10, 0-10V, Parameters set by Silvoir App. Note: Swivel mount adapter required: SENA-AZ-WH

WALL OR WIRELESS CONTROLLERS

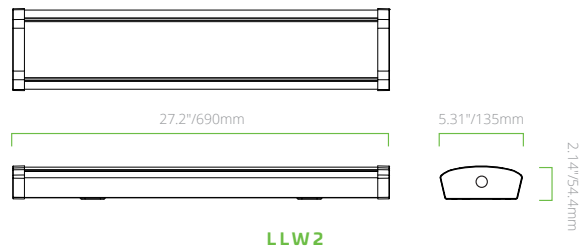
12654	ESRPB-W-EO	BLE Easyfit by EnOcean wireless self-powered kinetic Single rocker pad, white, wall plate included.
12655	EDRPB-W-EO	BLE Easyfit by EnOcean wireless self-powered kinetic Double rocker pad, white, wall plate included.
12635	PSC-DM-WS-100-BLE-SR	BLE TruBlu 120-277V, Single Gang Single Button Wall Controller, White, Parameters set by Silvoir App.
12636	PSC-DM-I-WS-100-BLE-SR	BLE TruBlu PIR Occupancy/ Vacancy Sensor, 120-277V, Single Gang Wall Controller, White, Parameters set by Silvoir App.
12637	PSC-DM-WS-400-BLE-SR	BLE TruBlu 120-277V, Single Gang 4-Button Wall Controller, White, Parameters set by Silvoir App.

ADAPTERS & ACCESSORIES

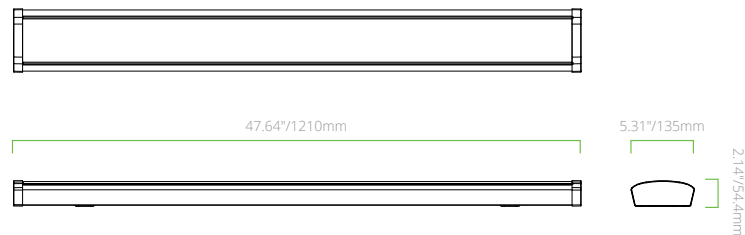
14431	SENA-AP-WH	Screw-In IP65 White Stem Swivel Mounting bracket, 12-24VDC Max. 22AWG 2ft V+(1:Yellow) Dim-(2:Pink) Dim+(3:Purple)
13343	SENA-AZ-WH	Z10 White Stem Swivel Mount bracket 12-24VDC Max. 22AWG 2ft V+(1:Yellow) Dim-(2:Pink) Dim+(3:Purple) Optional(4:Brown)

** Only Compatible with fixture that has 12VDC 200mA Auxiliary power Models

PRODUCT DIMENSIONS



LLW2



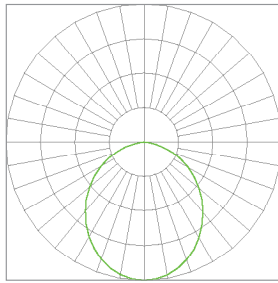
LLW4



PHOTOMETRICS

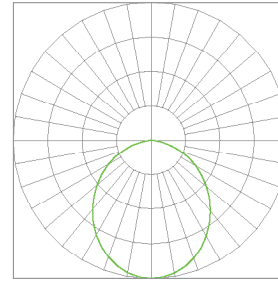
LLW4 32W (Typical performance @ 4000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	1047.74	29.00
0-40	1679.64	46.50
0-60	2854.18	79.10
0-80	3497.67	96.90
0-90	3582.53	99.30
60-80	643.49	17.80
70-80	236.18	6.50
80-90	84.86	2.40
0-180	3609.26	100.00



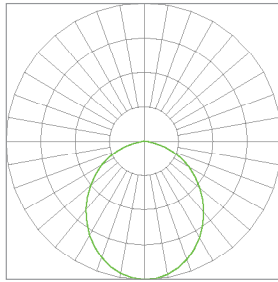
LLW4 40W (Typical performance @ 4000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	1336.16	29.00
0-40	2142.69	46.50
0-60	3643.04	79.10
0-80	4466.13	96.90
0-90	4573.43	99.30
60-80	823.08	17.90
70-80	302.21	6.60
80-90	107.30	2.30
0-180	4607.07	100.00



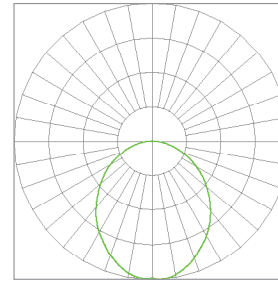
LLW4 48W (Typical performance @ 4000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	1577.18	29.00
0-40	2528.31	46.60
0-60	4295.46	79.10
0-80	5261.31	96.90
0-90	5386.00	99.20
60-80	965.85	17.80
70-80	353.81	6.50
80-90	124.69	2.30
0-180	5430.69	100.00



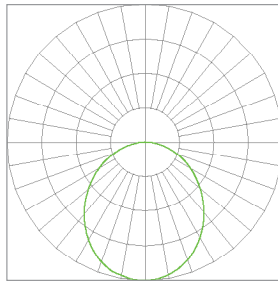
LLW2 20W (Typical performance @ 5000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	706.99	28.80
0-40	1134.82	46.20
0-60	1931.05	78.60
0-80	2365.67	96.30
0-90	2426.63	98.80
60-80	434.62	17.70
70-80	161.64	6.60
80-90	60.97	2.50
0-180	2457.13	100.00



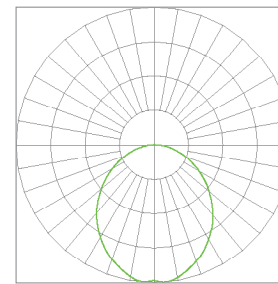
LLW4 32W (Typical performance @ 5000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	848.54	29.20
0-40	1360.44	46.80
0-60	2305.29	79.20
0-80	2811.15	96.60
0-90	2878.83	98.90
60-80	505.86	17.40
70-80	186.57	6.40
80-90	67.68	2.30
0-180	2909.69	100.00



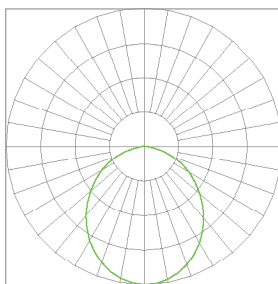
LLW4 40W (Typical performance @ 5000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	1554.65	27.90
0-40	2517.56	45.20
0-60	4355.33	78.10
0-80	5391.06	96.70
0-90	5524.97	99.10
60-80	1035.72	18.60
70-80	385.01	6.90
80-90	133.92	2.40
0-180	5575.14	100.00



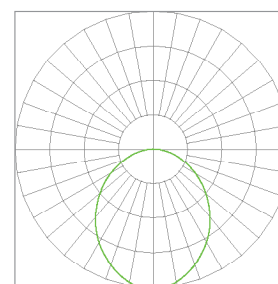
LLW4 48W (Typical performance @ 5000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	848.54	29.20
0-40	1360.44	46.80
0-60	2305.29	79.20
0-80	2811.15	96.60
0-90	2878.83	98.90
60-80	505.86	17.40
70-80	186.57	6.40
80-90	67.68	2.30
0-180	2909.69	100.00



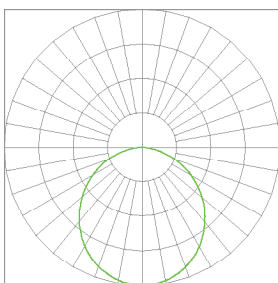
LLW4 PS24 (Typical performance @ 24W, 5000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	1554.65	27.90
0-40	2517.56	45.20
0-60	4355.33	78.10
0-80	5391.06	96.70
0-90	5524.97	99.10
60-80	1035.72	18.60
70-80	385.01	6.90
80-90	133.92	2.40
0-180	5575.14	100.00



LLW4 PS24 (Typical performance @ 24W, 5000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	1554.65	27.90
0-40	2517.56	45.20
0-60	4355.33	78.10
0-80	5391.06	96.70
0-90	5524.97	99.10
60-80	1035.72	18.60
70-80	385.01	6.90
80-90	133.92	2.40
0-180	5575.14	100.00





Job Name:
NEW FIRE STATION 10

Catalog Number:
P08-10-30K-BN

Notes:

Type:

L10

NOL26-153375

FIXTURE TYPE:
PROJECT NAME:
LOCATION:
DATE:

LED PENDANT LIGHT



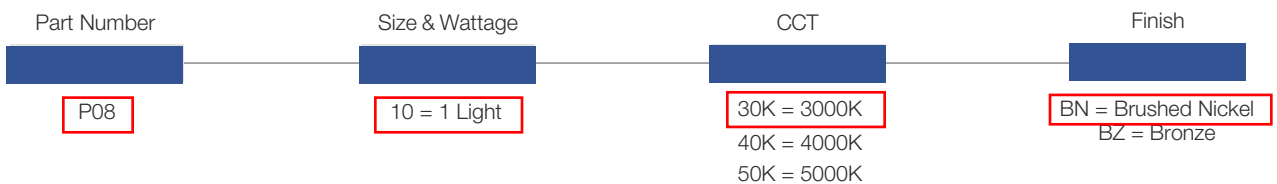
Specification

Dimension	4"*6.5",6 FT
Weight	2 lb
CRI	80 90
Color Temp	3000K/4000K/5000K
Input Voltage	120V
Power Factor	≥ 90%
LED Lifespan	50,000 Hrs
Dimmable	Triac dimming
Warranty	5 Years
Ambient Operation Temperature	0C° (32°F)~40C°(104°F)

Features

- Steel pendant light with 6 ft cord
- E26 Socket with 9 Watt LED bulb included
- Brush Nickel and Bronze
- Up 70 lumen per watt efficacy
- 120V input voltage

Ordering Guide Example: P08-12IN9W-30K-BN



Submitted by Curtis Stout, Inc.

Catalog Number:
P08-10-30K-BN

Type:



CURTIS STOUT

Job Name:
NEW FIRE STATION 10

Notes:

L10

NOL26-153375

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Job Name:
NEW FIRE STATION 10

Catalog Number:
P08-10-30K-BN

Notes:

Type:

L11

NOL26-153375

FIXTURE TYPE:
PROJECT NAME:
LOCATION:
DATE:

LED PENDANT LIGHT



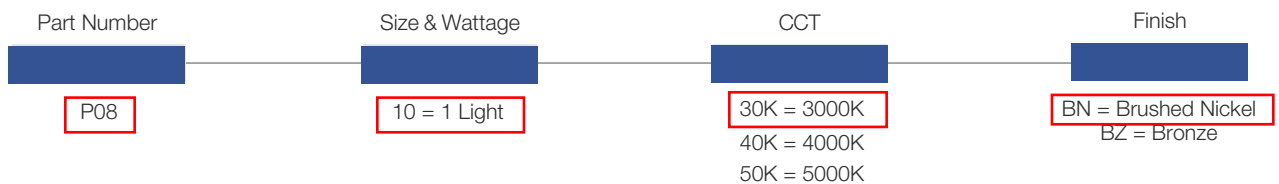
Specification

Dimension	4"*6.5",6 FT
Weight	2 lb
CRI	80 90
Color Temp	3000K/4000K/5000K
Input Voltage	120V
Power Factor	≥ 90%
LED Lifespan	50,000 Hrs
Dimmable	Triac dimming
Warranty	5 Years
Ambient Operation Temperature	0C° (32°F)~40C°(104°F)

Features

- Steel pendant light with 6 ft cord
- E26 Socket with 9 Watt LED bulb included
- Brush Nickel and Bronze
- Up 70 lumen per watt efficacy
- 120V input voltage

Ordering Guide Example: P08-12IN9W-30K-BN



Submitted by Curtis Stout, Inc.

Catalog Number:
P08-10-30K-BN

Type:



CURTIS STOUT

Job Name:
NEW FIRE STATION 10

Notes:

L11

NOL26-153375

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**RFCWP1
Wall Pack Light**

FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

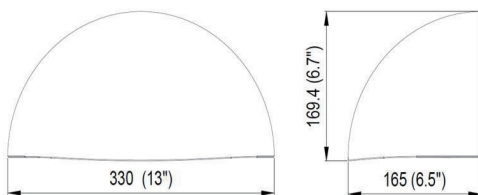
RFCWP1 WALL PACK LIGHT



Specification

Size	13"×6.5"×6.7"
Weight	5.1lb
IP	IP65
Color Temp	3000K / 4000K / 5000K (Selectable)
CRI	80
Input Voltage	120-277VAC
PF	>90%
Efficacy	Up to 160lm/W
LED Life Span	50,000 hrs
Dimmable	0-10V Dimmable
Warranty	5 Years
Ambient Operation Temperature	-40°F to 122°F (-40°C to +50°C)
Listing	UL Listed, Wet Location

Dimensions





Job Name:
NEW FIRE STATION 10

Notes:

NOL26-153375



RFCWP1 Wall Pack Light

FIXTURE TYPE: PROJECT NAME: LOCATION: DATE:

RFCWP1 WALL PACK LIGHT

Features

- High efficacy up to 160 lm/W.
- 3CCT (3000/4000/5000K) and 4 Wattages Selectable.
- DIP switch for Full, Down lighting modes.
- ADC12 Aluminum die-casting housing provides excellent heat dissipation.
- Automated Dusk to Dawn photocell functionality.
- Motion sensor and emergency back up available.
- Waterproof rated IP65.

Ordering Guide Example: RFCWP1-UW3CCT-80W

Fixture Type	Wattage	Color Temp	Voltage	Wattage Options	Finish
RFCWP1	UW = Wattage Selectable	3CCT = 3000/4000/5000K Color Temp. Adjustable	Blank = 120-277V	80W = Max Wattage 80W 120W = Max Wattage 120W	Blank = Dark Bronze

Optional Accessories

Blank
= Without Accessories

EM
= Emergency battery backup

MS01
(SKU: HD09VR-PIR)
= Plug and play PIR motion sensor
with dial switch

BLMS01
(SKU: SILVAIR01)
= Bluetooth motion sensor
plug and play field install,
work with SILVAIR APP



RFCWP1 Wall Pack Light

FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

RFCWP1 WALL PACK LIGHT

Performance Data

RFCWP1-UW3CCT-80W

WATTAGE	CRI	3000K		4000K		5000K	
		LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
80W	80	11200lm	140lm/W	12480lm	156lm/W	11760lm	147lm/W
60W	80	8820lm	147lm/W	9660lm	161lm/W	9120lm	152lm/W
50W	80	7550lm	151lm/W	8150lm	163lm/W	7800lm	156lm/W
40W	80	6160lm	154lm/W	6560lm	164lm/W	6400lm	160lm/W

RFCWP1-UW3CCT-120W

WATTAGE	CRI	3000K		4000K		5000K	
		LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
120W	80	16440lm	137lm/W	18600lm	155lm/W	17640lm	147lm/W
100W	80	14400lm	144lm/W	15900lm	159lm/W	14900lm	149lm/W
90W	80	13140lm	146lm/W	14490lm	161lm/W	13770lm	153lm/W
60W	80	9240lm	154lm/W	9900lm	165lm/W	9600lm	160lm/W





Job Name:
NEW FIRE STATION 10

Catalog Number:
RFCWP1-UW3CCT-80W

Notes:

Type:
L12

NOL26-153375

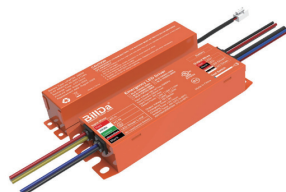


RFCWP1 Wall Pack Light

FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

RFCWP1 WALL PACK LIGHT

Optional Accessories



Emergency Battery Backup (Optional)

Motion Sensor:



Remote Control
Sold Separately

PIR Plug and Play Manually Adjustable Motion Sensor 12V 3.5mm audio plug

SKU: HD09VR-PIR

- 3.5mm audio plug passive infrared motion sensor.
- With daylight harvesting and photocell function.
- The rotating switch is built into the motion sensor and allows you to manually adjust the standby dimming level and hold time without needing a remote control.
- Default setting Detection Area - 100%, Hold time - 5S, Daylight Threshold disable Standby Period - 0S, Standby Dimming Level - 10%.



SILVAIR

Bluetooth mesh network PIR Plug and Play Motion Sensor

SKU: SILVAIR01

- PIR plug and play motion sensor
- Bluetooth control work with Silvair app on IOS and Android.



ENDEAVOR

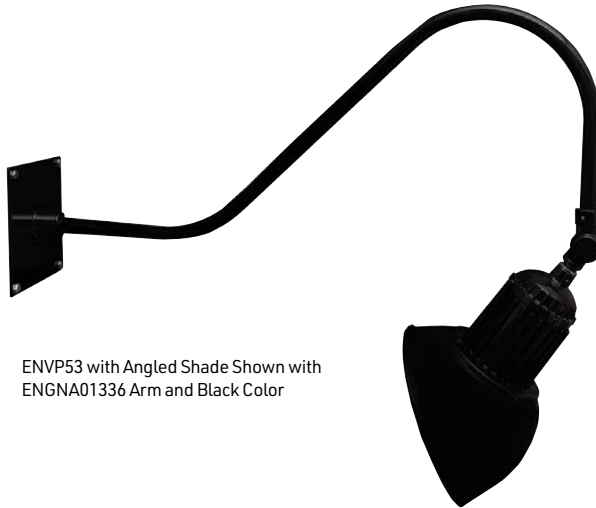
A QSSI COMPANY SINCE 1985

ENVP53

EasyLED LEDicated Comet Vaporproof with
Angled Shade with Gooseneck Arm

PROJECT INFORMATION:

PROJECT NAME:	FIXTURE TYPE:
COMPLETE CATALOG #:	DATE:
COMMENTS:	



ENVP53 with Angled Shade Shown with
ENGNA01336 Arm and Black Color

GOOSENECK LEDLIGHTS

SEE PAGE 3 FOR FIXTURE AND ARM
DIMENSIONS

The Endeavor LEDicated Vaporproof Gooseneck Angled Shade LEDlight luminaire is available with 5 Gooseneck arms of various lengths and is designed to replace HID lighting systems up to 175w MH or HPS. This vapor resistant fixture can withstand extreme physical and environmental abuse and is ideal for retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Designed for architectural wall mounting up to heights of 20 feet based on light level and uniformity requirements.

ENVP53 Specifications and Features:

Housing:

Heavy Duty Die Cast Aluminum Housing with Integral Heat Sinking, 3/4" NPS Threaded Mount.

Listing & Ratings:

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

Finish:

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

Lens:

Flat Clear Tempered Glass Lens

Mounting:

Fixed Mount or Adjustable Swivel with 3/4" NPS Threads.

EasyLED LED: Aluminum Boards

Wattage:

Array: 23w, System: 27w (175w HID Equivalent)

Driver:

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

Warranty:

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

See Page 4 for Projected Lumen Maintenance Table.

Gooseneck Arm Specifications and Features:

Construction:

Heavy-Duty 3/4" Aluminum Arms with 3/4" NPS Threads on Fixture Mounting End.

Finish:

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

Mounting Options:

Mount with 3/4" Square or Round Mounting Plates.

CERTIFICATION & LISTINGS:



187,000 HOURS

THE AMERICAN WAY OF LIGHTING

12802 Commodity Place • Tampa, FL 33626 • Phone: (813) 522-5524
For more information visit our website at www.endeavorlighting.com

Specifications subject to change without notice.

Rev. 100120



Job Name:
NEW FIRE STATION 10

Catalog Number:
ENVP53QF1X23U4K(FINISH)GNF /
ENGNA01336(FINISH)S / ENVS30A(FINISH)

Type:
L13

Notes:

NOL26-153375



ENVP53

EasyLED LEDicated Comet Vaporproof with Angled Shade with Gooseneck Arm

ORDERING

Step 1: Select Fixture

ENVP53Q F 1X23 U

MODEL	OPTICS	WATTAGE	DRIVER	CCT	COLOR	MOUNTING	OPTIONS
ENVP53Q = EasyLED LEDicated Comet Pendant Mount Vaporproof	F =Wide	1X23 =23	U =120-277V	4K =4000K 5K =5000K	B =Black, RAL9011 P =Platinum, RAL9006 R =Red, RAL3020 W =White, RAL9016 C =Custom (Consult Factory)	GNF =Fixed Downlight, Includes 72" of Wire for Arm Feed Through to Wall Box GNS =Adjustable Swivel Includes 72" of Wire for Arm Feed Through to Wall Box	SF =Single Fuse* DF =Double Fuse* *120-277V Models Only.
					to be advised		

ORDER INFORMATION EXAMPLE: ENVP53QF1X23U5KCENGSDF

Step 2: Select Arm

Step 3: Select Shade

MODEL	LENGTH	COLOR	MOUNTING
ENGNA013 - Classic Hook	36 =36" 30 =30"	B =Black, RAL9011 P =Platinum, RAL9006 R =Red, RAL3020 W =White, RAL9016 C =Custom (Consult Factory)	S =Square Oversized Wall Mount R =Round Wall Mount N =No Wall Mount
ENGNA023 - Straight	30 =30" 24 =24" 18 =18" 12 =12"	to be advised	
ENGNA033 - Straight Offset	30 =30" 24 =24"		
ENGNA043 - Straight Rise	30 =30"		
ENGNA053 - Round Hook	30 =30" 24 =24" 18 =18"		

MODEL	COLOR
ENVS30A =Angled Shade	B =Black, RAL9011 P =Platinum, RAL9006 R =Red, RAL3020 W =White, RAL9016 C =Custom (Consult Factory)
	to be advised

ORDER INFORMATION EXAMPLE: ENVS30AB



ORDER INFORMATION EXAMPLE: ENGNA01336PR

ACCESSORIES & REPLACEMENT PARTS:

ACCESSORIES
(ORDER SEPARATELY, FIELD INSTALLED)

ENVS30A* Angled Aluminum Shade, Repaintable Textured Gray Finish. 8 1/4" H by 1 1/4" Dia.

*Specify Color: B=Black, P=Platinum, R=Red, W=White, C=Custom (Consult Factory)

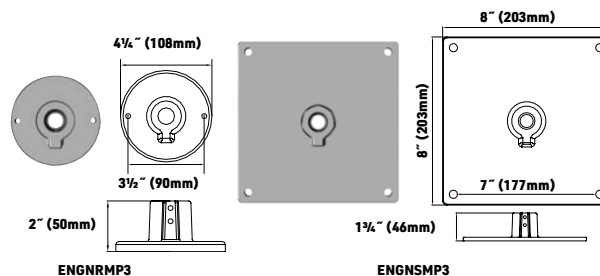


REPLACEMENT WALL PLATES
(ORDER SEPARATELY, FIELD INSTALLED)

ENGNRMP3* Round Wall Mount Plate, Powdercoat Finish.

ENGNSMP3* Square Oversized Wall Mount Plate, Powdercoat Finish.

*Specify Color: B=Black, P=Platinum, R=Red, W=White, C=Custom (Consult Factory)

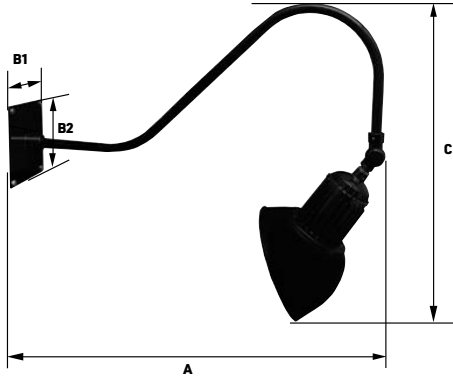


THE AMERICAN WAY OF LIGHTING

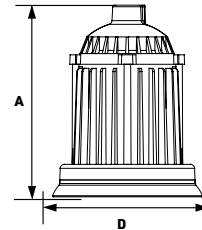


ENVP53
EasyLED LEDicated Comet Vaporproof with
Angled Shade with Gooseneck Arm

FIXTURE DIMENSIONS

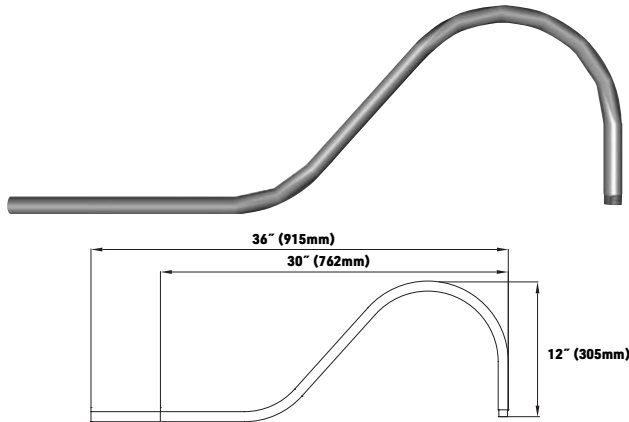


Base Length (B1)	8" (203mm)
Base Height (B2)	8" (203mm)
Length (A)	41" (1044mm)
Height (C)	31" (787mm)

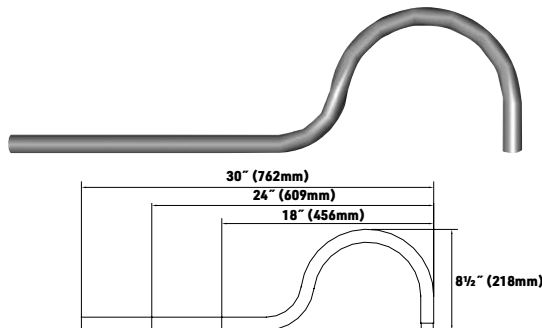


Diameter (D)	7 1/4" (184mm)
Height (A)	9 1/4" (235mm)

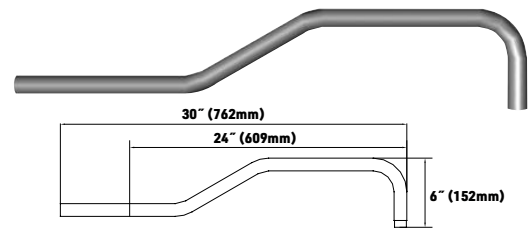
GOOSENECK DIMENSIONS



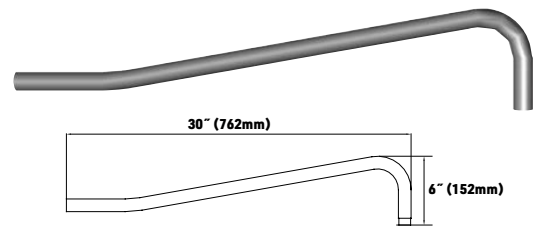
ENGNA01336P Classic Hook



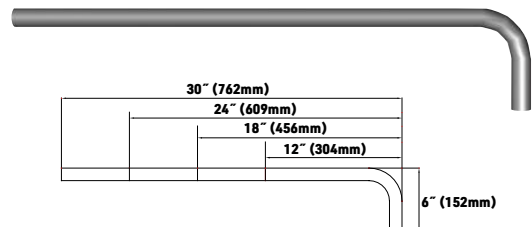
ENGNA05336P Round Hook



ENGNA03330P Straight Offset



ENGNA04330P Straight Rise



ENGNA02330P Straight



Job Name:
NEW FIRE STATION 10

Catalog Number:
ENVP53QF1X23U4K(FINISH)GNF /
ENGNA01336(FINISH)S / ENVS30A(FINISH)

Notes:

Type:

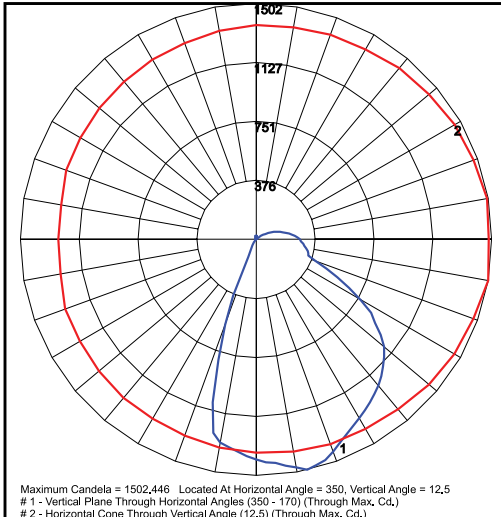
L13

NOL26-153375

ENDEAVOR
A QSSI COMPANY SINCE 1985

ENVP53
EasyLED LEDicated Comet Vaporproof with
Angled Shade with Gooseneck Arm

PHOTOMETRIC DATA



ENVP53QF1X23U5K
Type V Angled Shade

PHOTOMETRIC PERFORMANCE

LED BOARD WATTS	DRIVE CURRENT (MA)	INPUT WATTS	OPTICS	5000 CCT 80CRI					4000 CCT 80CRI				
				LUMENS	LPW	B	U	G	LUMENS	LPW	B	U	G
EasyLED 23w	116	27	Type V	2,741	102	1	3	2	2,508	93	1	3	1

PROJECTED LUMEN MAINTENANCE

DATA SHOWN FOR 5000 CCT			COMPARE TO MH			
TM-21-11	INPUT WATTS	INITIAL	25,000 HRS	50,000 HRS	100,000 HRS	CALCULATED LED LIFE
L70 Lumen Maintenance @ 25°C / 77°F	27	1.00	0.96	0.92	0.84	187,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.93	0.86	0.72	107,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.94	0.88	0.76	82,000

NOTES:

- Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 116mA 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.

THE AMERICAN WAY OF LIGHTING

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Specifications subject to change without notice. Rev. 100120

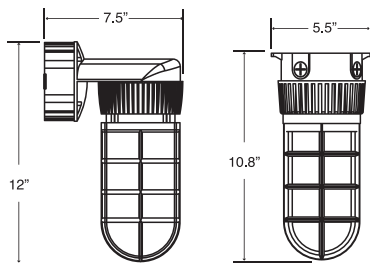


OVT-LED
IP55 Wet Location Compact Vapor Tight



EASY 3 COLORS
SELECCTOR

DIMENSION:



NOMINAL LUMENS	DELIVERED LUMENS	*WATTAGE
1700	1664	17 W
1400	1394	14 W
1000	1005	10 W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

FEATURES

The OVT, an IP55-, wet-location-rated compact vapor tight, delivers high output and even distribution. Weather- and corrosion-resistant and ideal for indoor or outdoor use. Available in either ceiling or wall mount with a frosted glass lens. Ideal for corridors, tunnels, service areas, and stairwells.

LUMENS	1000,1400, 1700
CCT & DYNAMIC PLATFORMS	30K/40K/50K
CRI	80+
OPERATING TEMP.	-25°C to 45°C
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



Submitted by Curtis Stout, Inc.



Job Name:
NEW FIRE STATION 10

Catalog Number:

OVT-LED-1000L/1400L/1700L-
MVOLT-30K/40K/50K-GR-WM

Notes:

Type:

L14

NOL26-153375



By Elite Lighting

OVT-LED

IP55 Wet Location Compact Vapor Tight



CONSTRUCTION

Die-cast aluminum guard/body and frosted globe. Integral heatsink fins provide excellent thermal management. One-piece silicone gasket provides watertight seal. Gray corrosion- and UV-resistant polyester powder coat finish.

IP55 Rating: Dust protection and complete protection against particles. Protection against moderately strong water jets.

OPTICS

Frosted lens provides even, glare-free illumination.

MOUNTING

For ceiling or wall mounting. Convenient, easy mount over standard 4" outlet box, or 1/2" conduit entryways. Also available for pendant/ceiling mounting orientation. Top, side and back conduit entry taps for through wiring or accessory mounting.

DRIVER ELECTRICAL INFORMATION

Powered by constant-current power LED drivers rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING

Non-dimmable.

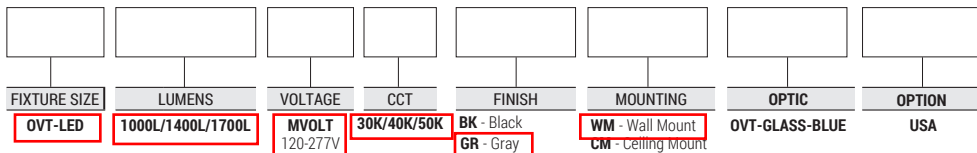
WARRANTY

5-year limited warranty on parts and components (labor not included).

LISTINGS

ETL
Wet Location
IP55

Example: **OVT-LED-1000L/1400L/1700L-MVOLT-30K/40K/50K-GR-WM-OVT-GLASS-BLUE-USA**



www.iuseelite.com

Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.



CD Commercial Downlight

HIGHLIGHTS

- Provides comfortable diffused light
- PowerSet feature allows for 5 "set and forget" lumen stops *
- FieldCCeT feature allows for 5 "set and forget" CCT options **
- Suitable for new construction or remodel applications
- Flexible steel conduit with 1/2" KO (3/8" Trade Size) snap in connector
- Easy Installation due to spring-loaded heavy duty brackets that keep the downlight in place
- Multiple sizes to fit various applications (4", 6", 8" and 10" models)
- Deep recessed light source for lower glare

CERTIFICATIONS

- ETL
- ENERGY STAR® Approved for superior energy efficiency
- IC Rated for direct contact with insulation
- Wet Location
- RoHS Compliant
- FCC Compliant
- ICES-005 Compliant
- IP54 Rated

PERFORMANCE

- High efficacy, up to 100 lm/W
- PowerSet: 40/35/30/25/20W, 35/30/25/20/15W, 20/18/16/14/12W, 16/14/12/10/8W
- FieldCCeT: 27/30/35/40/5000K
- CRI: >80
- Beam Angle:
 - 4", 6" = 90°
 - 8", 10" = 100°
- Estimated L70: 100,000 Hours

ELECTRICAL

- Input Voltage: 120-277V, 120-347V
- Dimming: 0-10V (120-277V models), 0-10V + Triac (120-347V models)
- Surge Protection: 2.5kV
- Power Factor: >0.9
- THD: <20%

THERMAL

- -4°F to 113°F (-20°C to 45°C) ambient operating temperature

CONSTRUCTION

- Powder coated aluminum reflector and trim
- Designed as one complete unit: driver, housing and lens

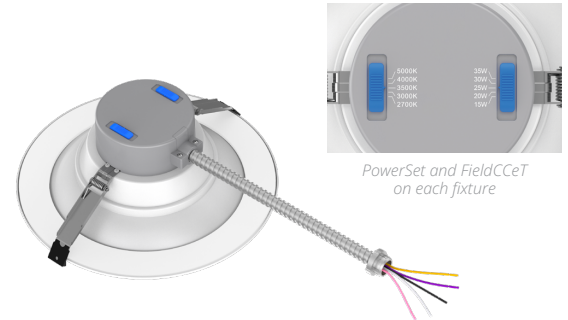
WARRANTY

- 5-Year limited warranty available [online](#). Contact your EiKO sales rep for additional details.

* PowerSet models ship preset at the highest wattage.

** FieldCCeT models ship preset at 5000K

project name	type
catalog number	voltage
approved by	date



PowerSet and FieldCCeT on each fixture



APPLICATIONS

- Reception/Lobby
- Retail/Storefront
- Dr. Offices/Waiting/Patient Rooms
- Admin/Class/Conference/Meeting Rooms/Library
- Multi-Residential (Dorms/ Apartments)
- Gyms & Athletic Facilities
- Industrial/Commercial Offices

MODEL CONFIGURATOR									
MODEL	SIZE	POWERSSET	CRI	FIELDCCET	VOLTAGE	DIMMING	COLOR		
CD : Commercial Downlight	4 - 4"	PS16 - 16/14/12/10/8W	8 - 80+	FCCT - 27/30/35/40/5000K	U - 120-277V	DIM - 0-10V	H - 120-347V*	DD - Triac & 0-10V	WH - White
	6 - 6"	PS20 - 20/18/16/14/12W							
	8 - 8"	PS35 - 35/30/25/20/15W							
	10 - 10"	PS40 - 40/35/30/25/20W							

*Note: see available models table for specific models that are 120-347V



AVAILABLE MODELS

ORDER	ORDER CODE	ITEM #	SIZE	WATTS (W)	LUMENS (lm)	EFFICACY (lm/W)	CRI	CCT (K)	DIMMING	VOLTAGE (VAC)	ENERGY STAR
	15156	CD4-PS16-8FCCT-UDIM-WH	4"	16/14/12/10/8	1,440/1,260/1,080 /900/720	90	80	27/30/35/40/50	0-10V	120-277	★
	15157	CD6-PS20-8FCCT-UDIM-WH	6"	20/18/16/14/12	2,000/1,800/1,600 /1,400/1,200	100	80	27/30/35/40/50	0-10V	120-277	★
	15158	CD6-PS20-8FCCT-HDD-WH	6"	20/18/16/14/12	2,000/1,800/1,600 /1,400/1,200	100	80	27/30/35/40/50	Triac & 0-10V	120-347	★
	15163	CD6-PS40-8FCCT-UDIM-WH	6"	40/35/30/25/20	4,000/3,500/3,000 /2,500/2,000	100	80	27/30/35/40/50	0-10V	120-277	★
	15165	CD6-PS40-8FCCT-HDD-WH	6"	40/35/30/25/20	4,000/3,500/3,000 /2,500/2,000	100	80	27/30/35/40/50	Triac & 0-10V	120-347	★
	15167	CD8-PS35-8FCCT-UDIM-WH	8"	35/30/25/20/15	3,500/3,000/2,500 /2,000/1,500	100	80	27/30/35/40/50	0-10V	120-277	★
	15169	CD8-PS35-8FCCT-HDD-WH	8"	35/30/25/20/15	3,500/3,000/2,500 /2,000/1,500	100	80	27/30/35/40/50	Triac & 0-10V	120-347	★
	15171	CD10-PS40-8FCCT-UDIM-WH	10"	40/35/30/25/20	4,000/3,500/3,000 /2,500/2,000	100	80	27/30/35/40/50	0-10V	120-277	★

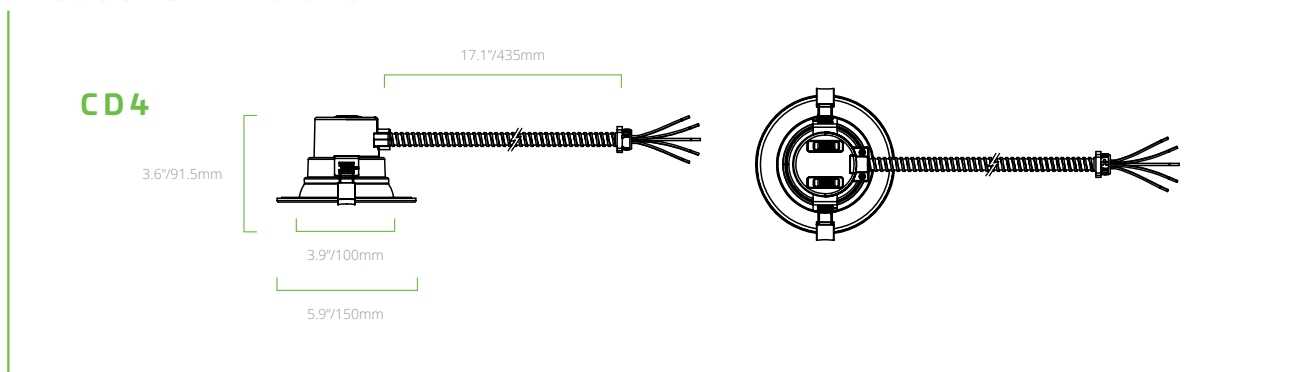
ACCESSORIES

ORDER	ORDER CODE	ITEM #	DESCRIPTION
	11604	CD4/GR	4" Goof Ring White 
	11605	CD6/GR	6" Goof Ring White 
	11606	CD8/GR	8" Goof Ring White 
	15203	DL-NCPSJ	New Construction Plate Stud/Joist 
	15201	DL-NCPTG	New Construction Plate T-Grid Accessory 

BATTERY BACKUPS

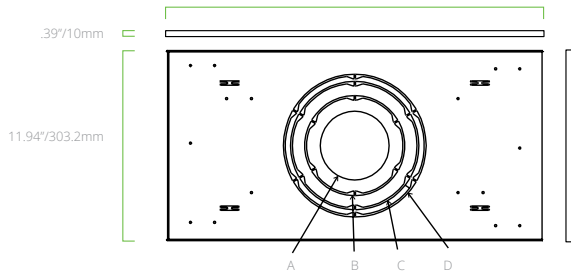
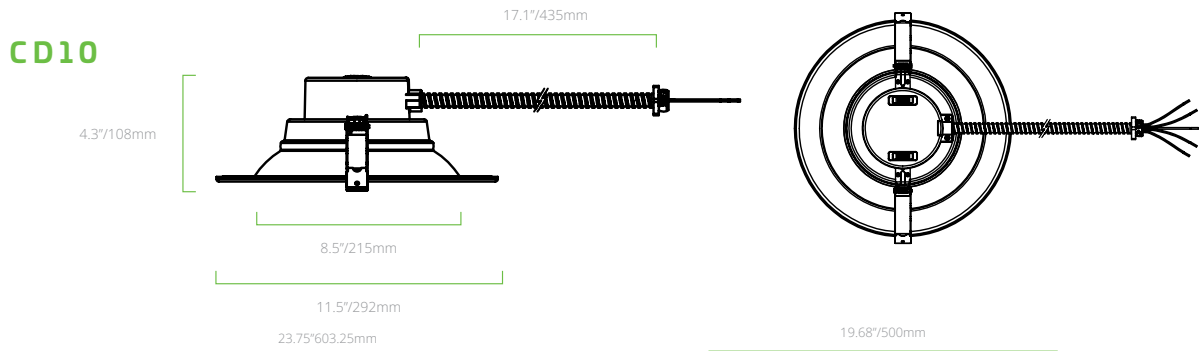
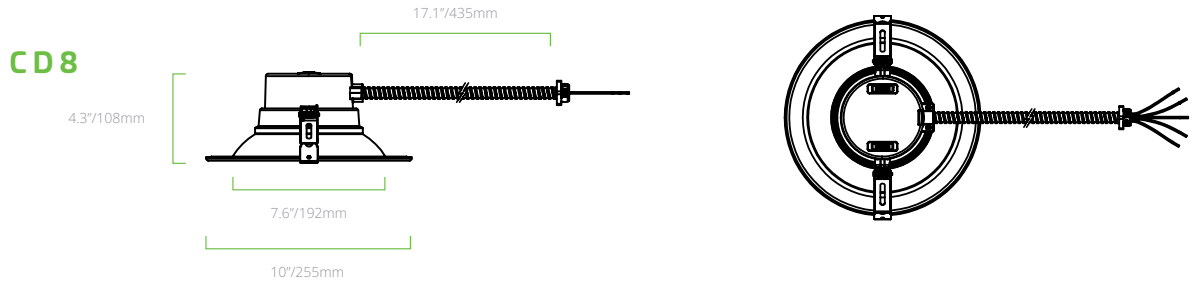
ORDER	ORDER CODE	ITEM #	DESCRIPTION
	11674	EEBE08WHA170S	EiKO Emergency Battery External 8W 120-347V 170VDC Single Flex-Conduit CEC Compliant. Field install.
	11675	EEBE18WHA170S	EiKO Emergency Battery External 18W 100-347V 170VDC Single Flex-Conduit CEC Compliant. Field install.

PRODUCT DIMENSIONS



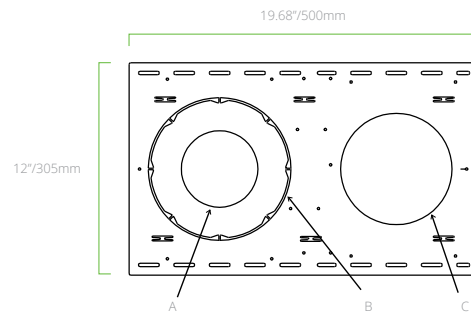


PRODUCT DIMENSIONS CONT'D



**DL-NCPTG
NEW CONSTRUCTION PLATE T-GRID**

A: \varnothing 4.5/16"/109.54mm
B: \varnothing 6.5/16"/160.34mm
C: \varnothing 8.1/16"/204.79mm
D: \varnothing 9"/228.6mm



**DL-NCPSJ
NEW CONSTRUCTION PLATE STUD/
JOIST**

A: \varnothing 4.5/16"/109.54mm
B: \varnothing 8.1/16"/204.79mm
C: \varnothing 6.5/16"/160.34mm



Goof Ring 4"

Goof Ring 6"

Goof Ring 8"



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project name	type
catalog number	voltage
approved by	date

LHS1 VERSATILE LINEAR HIGH BAY

The LHS1 fixture series combines traditional single lens design with contemporary power and color select technology, offering versatility for most high bay applications. With easy-to-deploy controls and convenient modification options, EiKO provides a reliable, adaptable solution that meets building codes and custom requirements for any high bay project.



FEATURES AND BENEFITS

PERFORMANCE

- Power & Color Select Technology for simplified SKU management and field customization.
 - PowerSET – 4 Power settings
 - ColorSET – 2 CCT settings (4000/5000K)
- Full spectrum input voltage coverage:
 - 120-347V and 277-480V options
- Wide range of lumen packages (7,500 – 66,000 lumens) provide solutions for mounting heights up to 60'.
- Diffused polycarbonate lens for reduced glare (beam angle 95°).
- Heavy gauge steel housing and impact resistant lens for robust and reliable installation.
- Technical performance:
 - CRI >80
 - Efficacy up to 150 LPW
 - Lumen Maintenance 70% (L70) at > 100,000Hrs
 - THD <20%, Power Factor >0.9
- Surge Protection:
 - 6kV included
 - Operating Temp Range (°F/°C): -40°F to 122°F (-40°C to 50°C)
- All products are DesignLights Consortium® (DLC) Premium listed.

INSTALLATION

- Accessories included in the box:
 - 10/600V rated power cord
 - 6.5' aircraft cable with V hooks
- Multiple mounting options available:
 - V Hook & Chain
 - Threaded Rod & Surface Mount
 - Pendant Mount
- Available wire guard options in each size for added security

CONTROLS

- Standard 0-10V dimming with Dim-to-Off.
- Controls Ready design for standalone and networked control options.
 - Ships with controls ready receptacle for field installation.
 - EiKO Plug-and-Play sensors and controls available.
- 3rd Party network control options through factory customizations.

CUSTOMIZATION

- Factory installed options to meet custom requirements and building codes:
 - 90-minute emergency lighting
 - 10kV/20kV surge protection
 - 3rd party networked controls
 - Custom cord lengths and plugs

APPLICATIONS

- Warehouses
- Distribution Centers
- Grocery Stores
- Gymnasiums
- Data Centers
- Manufacturing Plants
- Cold Storage
- Big Box Retail
- Indoor Recreational Facilities
- Vehicle Maintenance Facilities

DLC LISTING INFORMATION

ORDER CODE	NAME	DLC PRODUCT ID	DLC CLASSIFICATION
120-347V POWER & COLOR SELECTABLE MODELS			
15127	LHS1-PS90-8FCCT-HDIM	S-XDCT99	Premium
15129	LHS1-PS160-8FCCT-HDIM	S-6L2391	Premium
15131	LHS1-PS200-8FCCT-HDIM	S-C7K0F0	Premium
15132	LHS1-PS240-8FCCT-HDIM	S-VGXD62	Premium
15133	LHS1-PS320-8FCCT-HDIM	S-JQSNLQ	Premium
15134	LHS1-PS440-8FCCT-HDIM	S-FB0R38	Premium
277-480V POWER & COLOR SELECTABLE MODELS			
15135	LHS1-PS160-8FCCT-VDIM	S-9YS7L7	Premium
15136	LHS1-PS240-8FCCT-VDIM	S-JWV16G	Premium
15137	LHS1-PS320-8FCCT-VDIM	S-5RF4MK	Premium
15138	LHS1-PS440-8FCCT-VDIM	S-QX9GDJ	Premium



AVAILABLE MODELS

ORDER CODE	MODEL	WATTS (W)	COLOR TEMPERATURE (CCT)	LUMEN OUTPUT (lm)	INPUT VOLTAGE (VAC)	SIZE
120-347V						
15127	LHS1-PS90-8FCCT-HDIM	90/75/60/50W	4000/5000K	13,500/11,250/9,000/7,500 lm	120-347V	24" x 11"
15129	LHS1-PS160-8FCCT-HDIM	160/130/110/90W	4000/5000K	24,000/19,500/16,500/13,500 lm	120-347V	24" x 15"
15131	LHS1-PS200-8FCCT-HDIM	200/180/160/140W	4000/5000K	30,000/27,000/24,000/21,000 lm	120-347V	24" x 15"
15132	LHS1-PS240-8FCCT-HDIM	240/220/200/180W	4000/5000K	36,000/33,000/30,000/27,000 lm	120-347V	44.2" x 12.6"
15133	LHS1-PS320-8FCCT-HDIM	320/300/280/260W	4000/5000K	48,000/45,000/42,000/39,000 lm	120-347V	44.2" x 12.6"
15134	LHS1-PS440-8FCCT-HDIM	440/400/380/360W	4000/5000K	66,000/60,000/57,000/54,000 lm	120-347V	44.2" x 15"
277-480V						
15135	LHS1-PS160-8FCCT-VDIM	160/130/110/90W	4000/5000K	24,000/19,500/16,500/13,500 lm	277-480V	24" x 15"
15136	LHS1-PS240-8FCCT-VDIM	240/220/200/180W	4000/5000K	36,000/33,000/30,000/27,000 lm	277-480V	44.2" x 12.6"
15137	LHS1-PS320-8FCCT-VDIM	320/300/280/260W	4000/5000K	48,000/45,000/42,000/39,000 lm	277-480V	44.2" x 12.6"
15138	LHS1-PS440-8FCCT-VDIM	440/400/380/360W	4000/5000K	66,000/60,000/57,000/54,000 lm	277-480V	44.2" x 15"

All fixtures ship at the highest wattage setting and at 5000K CCT.

ORDERING GUIDE

MODEL CONFIGURATOR					FACTORY INSTALLED OPTIONS			
MODEL	WATTS	COLOR TEMPERATURE	INPUT VOLTAGE	DIMMING	CORD LENGTH	CORD END	SURGE PROTECTION	EMERGENCY OPTIONS
LHS1		8FCCT		DIM				
LHS1	PS90 - 90W PS160 - 160W PS200 - 200W PS240 - 240W PS320 - 320W PS440 - 440W	8 - CRI > 80 FCCT - Field Color Selectable (4000K/5000K)	H - 120-347V V - 277-480V	DIM - 0-10V	[Blank] - 10' 18/3 600V white cord W3xx - 600V 18/6 cord with dimming wires and a 24/7 hot wire for battery backup (Cord end option is not available)	[Blank] - Default, no cord end N01 - 125V 15A straight plug N02 - 250V 15A straight plug N04 - 125V 15A locking plug N05 - 250V 15A locking plug N06 - 277V 15A locking plug N07 - 125V 20A straight plug N08 - 250V 20A straight plug N11 - 250V 20A locking plug N12 - 277V 20A locking plug N13 - 347V 20A locking plug N14 - 480V 20A locking plug	[Blank] - Default, no additional protection SP1 - 10kV surge protection SP2 - 20kV surge protection	[Blank] - Default, no Emergency option EB18* - 18W Emergency Battery pack, CEC, 120-347V (for PS90 & PS160 only) EB40H* - 40W Emergency Battery pack, CEC, 120-347V EB40V* - 40W Emergency Battery pack CEC, 277-480V

*If using EM options on a switched fixture, W3xx cord length is required.

EXAMPLE PART NUMBER: LHS1-PS160-8FCCT-HDIM-W310-SP2-EB40

MOUNTING SYSTEMS

ORDER	ORDER CODE	ITEM #	DESCRIPTION	IMAGES
			Included V-Hooks & 6.5' Aircraft cable	
	13815	LH1-VCK	V-Hook & Chain Kit.	
	13816	LH1-PMK*	Pendant Mount Kit.	
	13817	LH1-TRSMK	Threaded Rod & Surface Mount Kit.	

*Pendant mount kit is not compatible with battery backups when used with 90W, 160W, and 200W fixtures.

[View Installation Video](#)



WIRE GUARDS

ORDER	ORDER CODE	NAME	DESCRIPTION	IMAGES
	15362	LHS1-WG-S	Linear High Bay Wire Guard for 90W	
	15363	LHS1-WG-M	Linear High Bay Wire Guard for 160-200W	
	15364	LHS1-WG-L	Linear High Bay Wire Guard for 240-320W	
	15365	LHS1-WG-XL	Linear High Bay Wire Guard for 440W	

EMERGENCY LIGHTING SOLUTIONS

ORDER	ORDER CODE	NAME	DESCRIPTION	IMAGES	FACTORY INSTALLED CODE
	11675	EEBE18WHA170S* View spec sheet	EIKO 18W (For PS90 & PS160 ONLY) - 120-347V Emergency battery pack. Single Flex- Conduit CEC Compliant. See spec sheet for full details.		EB18
	13574	EEBE40WHA170S* View spec sheets	EIKO 40W (For PS90-PS440 HDIM) - 120-347V Emergency battery pack for use with LHS1 120-347V fixtures. In EM mode only half of the 320W and 440W fixture will power up. The resulting light output is equivalent to a 40W output. Single Flex- Conduit CEC Compliant. See spec sheet for full details.		EB40H
	13571	EEBE40WVA500* View spec sheets	EIKO 40W (For PS90-PS440 VDIM) - 277- 480V Emergency battery pack for use with LHS1 277-480V fixtures. In EM mode only half of the 320W and 440W fixture will power up. The resulting light output is equivalent to a 40W output. Single Flex- Conduit CEC Compliant. See spec sheet for full details.		EB40V
	14383	LH1-ZBRK	Bracket for mounting Eiko emergency battery packs directly to the fixture.		

*** WARNING:** When using these AC version battery packs with any controls solution, internal rewiring is required according to the installation sheets' wiring diagram. Failure to do so may result in a violation of safety codes.

If using EM options on a switched fixture, W3xx cord length is required

FLUORESCENT & HID REPLACEMENTS GUIDE

FLUORESCENT	HID	LHS1 WATTS	LUMEN OUTPUT (lm)	INPUT VOLTAGE	MODEL
2xT5HO, 4xT8	250W MH	90/75/60/50W	13,500/11,250/9,000/7,500 lm	120-347V	LHS1-PS90-8FCCT-HDIM
4xT5HO, 6xT8	400W MH	160/130/110/90W	24,000/19,500/16,500/13,500 lm	120-347V	LHS1-PS160-8FCCT-HDIM
				277-480V	LHS1-PS160-8FCCT-VDIM
10xT8	450W PS	200/180/160/140W	30,000/27,000/24,000/21,000 lm	120-347V	LHS1-PS200-8FCCT-HDIM
8 xT5HO	750W MH	240/220/200/180W	36,000/33,000/30,000/27,000 lm	120-347V	LHS1-PS240-8FCCT-HDIM
				277-480V	LHS1-PS240-8FCCT-VDIM
10xT5HO	1000W MH	320/300/280/260W	48,000/45,000/42,000/39,000 lm	120-347V	LHS1-PS320-8FCCT-HDIM
				277-480V	LHS1-PS320-8FCCT-VDIM
12 xT5 HO		440/400/380/360W	66,000/60,000/57,000/54,000 lm	120-347V	LHS1-PS440-8FCCT-HDIM
				277-480V	LHS1-PS440-8FCCT-VDIM



CONTROLS READY

STANDALONE LIGHT & MOTION SENSORS

Field-installable, screw-in, plug-and-play sensors transform Eiko controls ready fixtures into smart lighting devices which respond to the environment and save time, cost and energy consumption, in applications up to 40ft.

Configure Eiko standalone sensor settings using the sensor commissioning tool to achieve desired behavior and enable advanced light control functions, such as Daylight Harvesting and Dusk-to-Dawn dimming.



PIR: SEN5A-SPPR-WH

Recommended use:

- Applications with stable operating temperatures
- Direct line of sight and accurate positioning
- Away from direct sunlight or rapidly changing temperature sources like, HVAC vents.

[View spec sheets for complete product information.](#)




MICROWAVE: SEN5A-SPMR-WH

Recommended use:

- Low Temp applications (i.e commercial freezers)
- Install on fixed mounted fixtures (not recommended for suspended fixtures)
- Away from motor objects like fans & machinery

[View spec sheets for complete product information.](#)

ORDER CODE	MODEL	DESCRIPTION	IMAGE
13861	SEN5A-SPPR-WH	Standalone Screw-in PIR Motion Sensor	
13859	SEN5A-SPMR-WH	Standalone Screw-in Microwave Motion Sensor	
SEN5A COMMISSIONING TOOL			
13344	SEN5A-ACT	Commissioning Tool for SEN5A	

Eiko Standalone sensors come with default settings below:

- Brightness: 100%
- Sensitivity: 75%
- Hold Time: 10 minutes
- Daylight Function: Disable
- Dim level: 30%
- Dim Time: 1 minute

BLUETOOTH NETWORKED SENSOR

Eiko's field-installable screw-in Bluetooth (BLE) enabled PIR sensor brings network control capabilities to Eiko Controls Ready fixtures.

Use the Silvoir Commissioning app to set up and configure the sensor settings and your lighting network.

Pair multiple SENA-WPPR-WH enabled fixtures to create zone and group level control. Add compatible wall stations or switches to complete your desired control plan and advanced control strategies all through the Silvoir App.

No hubs, routers, gateways required.



PIR : SENA-WPPA-WH

[View spec sheets for complete product information.](#)








Powered by:
SILVAIR



Web App: platform.silvoir.com



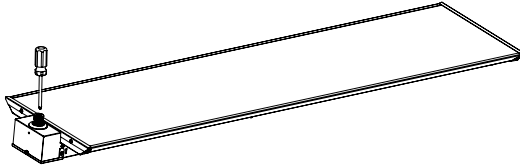
ORDER CODE	MODEL	DESCRIPTION	IMAGE
13865	SENA-WPPA-WH	Bluetooth (BLE) Screw-in PIR Motion sensor	
SELF-POWERED WIRELESS WALL SWITCHES			
12654	ESRPB-W-EO	Single - Bluetooth self-powered kinetic rocker switch White, Wall plate included	
12655	EDRPB-W-EO	Double - Bluetooth self-powered kinetic rocker switch White, Wall plate included	
WIRELESS 120-277V WALL CONTROLLERS			
12635	PSC-DM-WS-100-BLE-SR	Bluetooth Single Gang Single Button Wall Controller, 120-277V White, Parameters set by Silvoir App.	
12636	PSC-DM-I-WS-100-BLE-SR	Bluetooth PIR Occupancy/ Vacancy Sensor, 120-277V, Single Gang Wall Controller, White, Parameters set by Silvoir App.	
12637	PSC-DM-WS-400-BLE-SR	Bluetooth 4-Button Wall Controller, 120-277V, Single Gang, White, Parameters set by Silvoir App.	



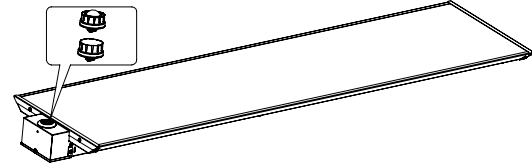
CONTROLS READY CONT'D

SCREW-IN INSTALLATION WITHOUT ADDITIONAL WIRING

- 1** Remove 1/2" knockout plug on front plate of fixture.



- 2** Screw sensor in place until tight.



STANDALONE VS NETWORKED CONTROL

FEATURE	STANDALONE CONTROLS	NETWORKED CONTROLS
Operation	Independent	Zone/Group
Commissioning Method	Remote Control (optional)	App (required)
Daylight Harvesting	✓	✓
Sensitivity Adjustment	✓	✓
Time Delay	✓	✓
Occupancy Sensing	✓	✓
Scheduling		✓
Energy Monitoring		✓
Remote Access		✓
Manual Override		Wireless Wall Controller



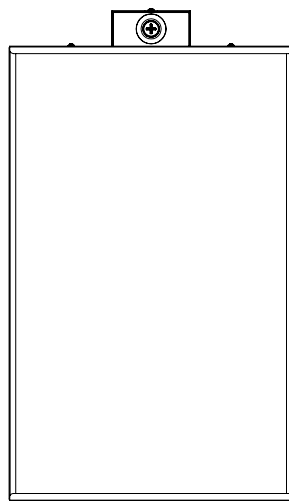
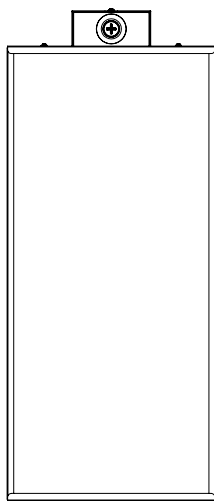
PRODUCT DIMENSIONS

2.76" / 70mm

11" / 280mm

2.76" / 70mm

15" / 381mm



24" / 609mm
25.8" / 656mm

24" / 609mm
25.8" / 656mm

MODELS: LHS1-PS90W

Weight: 8.4 lbs / 3.82 kg
Master Carton Weight: 10.78 lbs
Dimensions: 26.57" x 4.13" x 11.81"

MODELS: LHS1-PS160 - 200W

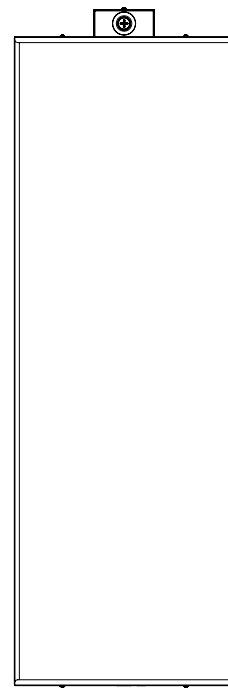
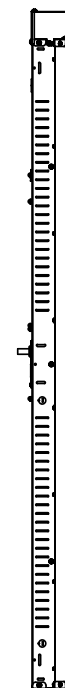
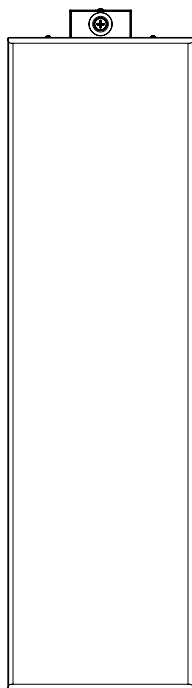
160W Weight: 9.3 lbs / 4.22 kg
200W Weight: 9.6 lbs / 4.37 kg
Master Carton Weight: 12.54 lbs
Dimensions: 26.57" x 4.13" x 15.75"

2.76" / 70mm

12.6" / 320mm

2.76" / 70mm

15" / 381mm



44.2" / 1123mm
46" / 1170mm

44.2" / 1123mm
46" / 1170mm

MODELS: LHS1-PS240W - 320W

240W Weight: 13.5 lbs / 6.13 kg
320W Weight: 14.6 lbs / 6.62 kg
Master Carton Weight: 17.6 lbs
Dimensions: 47.05" x 4.13" x 13.58"

MODELS: LHS1-PS440W

440W Weight: 16.2 lbs / 7.37 kg
Master Carton Weight: 10.24 lbs
Dimensions: 47.05" x 4.13" x 15.94"

Submitted by Curtis Stout, Inc.



Job Name:
NEW FIRE STATION 10

Catalog Number:
OVT-LED-1000L/1400L/1700L-
MVOLT-30K/40K/50K-GR-CM
Notes:

Type:
L4
NOL26-153375

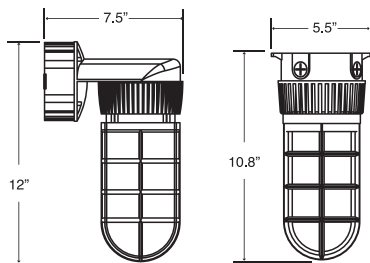


OVT-LED
IP55 Wet Location Compact Vapor Tight



EASY 3 COLORS
SELECCTOR

DIMENSION:



NOMINAL LUMENS	DELIVERED LUMENS	*WATTAGE
1700	1664	17 W
1400	1394	14 W
1000	1005	10 W

Based on 4000K, 85+ CRI. Actual wattage may vary +/- 5%

FEATURES

The OVT, an IP55-, wet-location-rated compact vapor tight, delivers high output and even distribution. Weather- and corrosion-resistant and ideal for indoor or outdoor use. Available in either ceiling or wall mount with a frosted glass lens. Ideal for corridors, tunnels, service areas, and stairwells.

LUMENS	1000,1400, 1700
CCT & DYNAMIC PLATFORMS	30K/40K/50K
CRI	80+
OPERATING TEMP.	-25°C to 45°C
LIFETIME	L70 at 50,000 Hours
PHOTOMETRIC TESTS	In Accordance with IES LM79-08, LM80 and TM-30, TM-21



www.iuseelite.com

Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.

Submitted by Curtis Stout, Inc.



Job Name:
NEW FIRE STATION 10

Catalog Number:

OVT-LED-1000L/1400L/1700L-
MVOLT-30K/40K/50K-GR-CM

Notes:

Type:

L4

NOL26-153375



By Elite Lighting

OVT-LED

IP55 Wet Location Compact Vapor Tight



CONSTRUCTION

Die-cast aluminum guard/body and frosted globe. Integral heatsink fins provide excellent thermal management. One-piece silicone gasket provides watertight seal. Gray corrosion- and UV-resistant polyester powder coat finish.

IP55 Rating: Dust protection and complete protection against particles. Protection against moderately strong water jets.

OPTICS

Frosted lens provides even, glare-free illumination.

MOUNTING

For ceiling or wall mounting. Convenient, easy mount over standard 4" outlet box, or 1/2" conduit entryways. Also available for pendant/ceiling mounting orientation. Top, side and back conduit entry taps for through wiring or accessory mounting.

DRIVER ELECTRICAL INFORMATION

Powered by constant-current power LED drivers rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING

Non-dimmable.

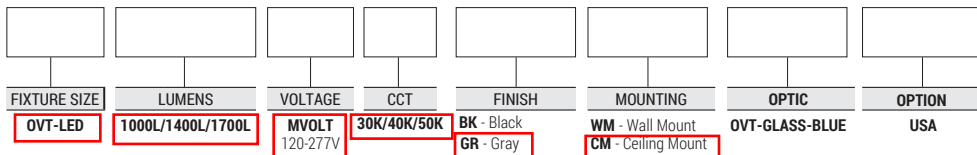
WARRANTY

5-year limited warranty on parts and components (labor not included).

LISTINGS

ETL
Wet Location
IP55

Example: **OVT-LED-1000L/1400L/1700L-MVOLT-30K/40K/50K-GR-WM-OVT-GLASS-BLUE-USA**



www.iuseelite.com

Due to the changes of constant improvement in LED technology, all details are subject to change without notice. Consult factory for up to date information.



project name	type
catalog number	voltage
approved by	date

VANLX LENEXA VANITY FIXTURE

The VANLX Lenexa Vanity light is a stylish cylinder-shaped light ideal for vanities, restrooms, hallways, hospitality, and multi-family residential applications. With field-selectable CCT, the VANLX allows you to easily select the right color temperature for your application.



VANLX2



VANLX3



VANLX4



FEATURES AND BENEFITS

PERFORMANCE

- Field-selectable CCT for simplified SKU management and field customization.
 - ColorSET – 3 CCT settings (2700K/3000K/4000K)
- Input voltage: 120V
- Lumen packages: 2,100 – 4,000 lumens
- Available in 2', 3', and 4' lengths.
- Durable steel body with nickel trim, and polycarbonate lens.
- Technical performance:
 - CRI >90
 - Efficacy up to 75 LPW
 - Rated Life L70 > 35,000 hours
 - Power Factor: >0.9
 - THD: <20%
 - Surge Protection: 4kV included
 - Ambient operating temperature: -4°F to 104°F (-20°C to 40°C)

INSTALLATION

- Can be installed in either the vertical or horizontal orientation.

CONTROLS

- 0-10V dimming, dim to off

APPLICATIONS

- Hospitality
- Multi-family residential
- Hallways
- Restrooms

AVAILABLE MODELS

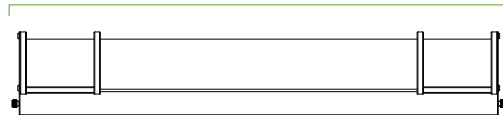
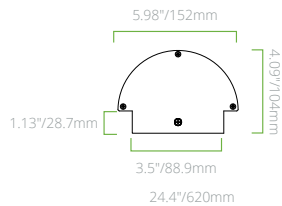
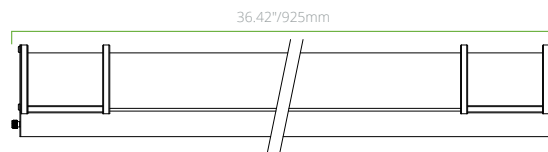
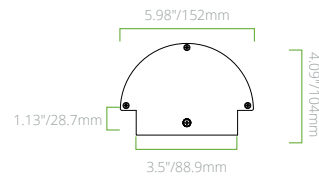
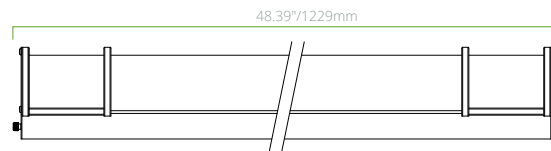
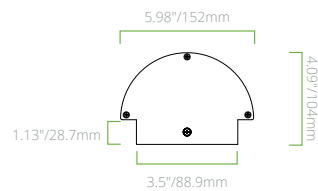
ORDER CODE	MODEL	WATTS (W)	COLOR TEMPERATURE (CCT)	LUMEN OUTPUT (lm)	VOLTAGE (VAC)	NOMINAL SIZE
11369	VANLX2-210-28W-9CCT3-120D-NI	28W	2700/3000/4000K	2,100 lm	120	2 ft
11370	VANLX3-300-40W-9CCT3-120D-NI	40W	2700/3000/4000K	3,000 lm	120	3 ft
11371	VANLX4-400-56W-9CCT3-120D-NI	56W	2700/3000/4000K	4,000 lm	120	4 ft

ORDERING GUIDE

MODEL CONFIGURATOR						
MODEL	LENGTH	WATTS	COLOR TEMPERATURE	VOLTAGE	DIMMING	TRIM
VANLX			9CCT3	120	D	NI
	2-210 - 2'	PS28 - 28W				
VANLX	3-300 - 3'	PS40 - 40W	9CCT3 - 90+ CRI, ColorSET (2700/3000/4000K)	120 - 120V	D - 0-10V Dimming	NI - Nickel
	4-400 - 4'	PS56 - 56W				

FLUORESCENT GUIDE

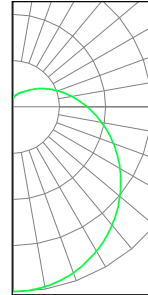
FLUORESCENT	VANLX WATTS (W)	LUMEN OUTPUT (lm)	INPUT VOLTAGE(VAC)	NAME
2x 17 Watt Fluorescent	28W	2,100 lm	120V	VANLX2-210-28W-9CCT3-120D-NI
2x 25 Watt Fluorescent	40W	3,000 lm	120V	VANLX3-300-40W-9CCT3-120D-NI
2x 32 Watt Fluorescent	56W	4,000 lm	120V	VANLX4-400-56W-9CCT3-120D-NI

PRODUCT DIMENSIONS**VANLX2****VANLX3****VANLX4**

PHOTOMETRICS

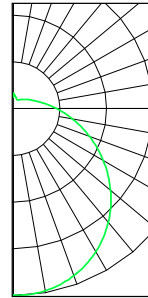
VANLX2-210-28W-9CCT3-120

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-20	176.26	8.4%
0-30	376.84	18.1%
0-40	624.29	29.9%
0-60	1152.65	55.2%
0-80	1571.51	75.3%
0-90	1713.26	82.1%
90-180	374.34	17.9%
0-180	2087.6	100%



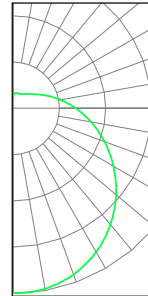
VANLX3-300-40W-9CCT3-120

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-20	269.63	9.0%
0-30	576.40	19.3%
0-40	953.64	31.9%
0-60	1745.57	58.4%
0-80	2338.58	78.3%
0-90	2421.23	84.4%
90-180	465.66	15.6%
0-180	2986.89	100%



VANLX4-400-56W-9CCT3-120

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-20	363.14	9.0%
0-30	776.48	19.2%
0-40	1284.98	31.7%
0-60	2354.25	58.1%
0-80	3159.95	78.0%
0-90	3410.81	84.2%
90-180	641.19	15.8%
0-180	4052.00	100%





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CD Commercial Downlight

HIGHLIGHTS

- Provides comfortable diffused light
- PowerSet feature allows for 5 "set and forget" lumen stops *
- FieldCCeT feature allows for 5 "set and forget" CCT options **
- Suitable for new construction or remodel applications
- Flexible steel conduit with 1/2" KO (3/8" Trade Size) snap in connector
- Easy Installation due to spring-loaded heavy duty brackets that keep the downlight in place
- Multiple sizes to fit various applications (4", 6", 8" and 10" models)
- Deep recessed light source for lower glare

CERTIFICATIONS

- ETL
- ENERGY STAR® Approved for superior energy efficiency
- IC Rated for direct contact with insulation
- Wet Location
- RoHS Compliant
- FCC Compliant
- ICES-005 Compliant
- IP54 Rated

PERFORMANCE

- High efficacy, up to 100 lm/W
- PowerSet: 40/35/30/25/20W, 35/30/25/20/15W, 20/18/16/14/12W, 16/14/12/10/8W
- FieldCCeT: 27/30/35/40/5000K
- CRI: >80
- Beam Angle:
4", 6" = 90°
8", 10" = 100°
- Estimated L70: 100,000 Hours

ELECTRICAL

- Input Voltage: 120-277V, 120-347V
- Dimming: 0-10V (120-277V models), 0-10V + Triac (120-347V models)
- Surge Protection: 2.5kV
- Power Factor: >0.9
- THD: <20%

THERMAL

- -4°F to 113°F (-20°C to 45°C) ambient operating temperature

CONSTRUCTION

- Powder coated aluminum reflector and trim
- Designed as one complete unit: driver, housing and lens

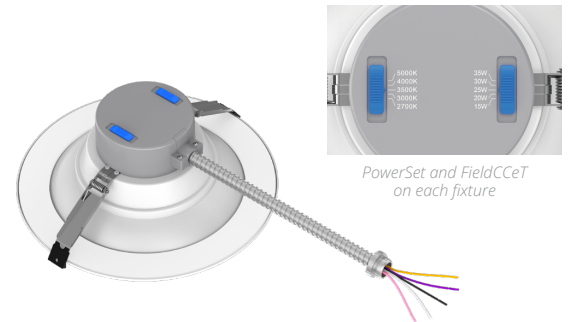
WARRANTY

- 5-Year limited warranty available [online](#). Contact your EiKO sales rep for additional details.

* PowerSet models ship preset at the highest wattage.

** FieldCCeT models ship preset at 5000K

project name	type
catalog number	voltage
approved by	date



PowerSet and FieldCCeT on each fixture



APPLICATIONS

- Reception/Lobby
- Retail/Storefront
- Dr. Offices/Waiting/Patient Rooms
- Admin/Class/Conference/Meeting Rooms/Library
- Multi-Residential (Dorms/ Apartments)
- Gyms & Athletic Facilities
- Industrial/Commercial Offices

MODEL CONFIGURATOR								
MODEL	SIZE	POWERSSET	CRI	FIELDCCET	VOLTAGE	DIMMING	COLOR	
CD : Commercial Downlight	4 - 4"	PS16 - 16/14/12/10/8W	8 - 80+	FCCT - 27/30/35/40/5000K	U - 120-277V	DIM - 0-10V	WH - White	
	6 - 6"	PS20 - 20/18/16/14/12W						
	8 - 8"	PS40 - 40/35/30/25/20W						
	10 - 10"	PS40 - 40/35/30/25/20W						
		PS35 - 35/30/25/20/15W			H - 120-347V*	DD - Triac & 0-10V		

*Note: see available models table for specific models that are 120-347V

AVAILABLE MODELS

ORDER	ORDER CODE	ITEM #	SIZE	WATTS (W)	LUMENS (lm)	EFFICACY (lm/W)	CRI	CCT (K)	DIMMING	VOLTAGE (VAC)	ENERGY STAR
	15156	CD4-PS16-8FCCT-UDIM-WH	4"	16/14/12/10/8	1,440/1,260/1,080/900/720	90	80	27/30/35/40/50	0-10V	120-277	★
	15157	CD6-PS20-8FCCT-UDIM-WH	6"	20/18/16/14/12	2,000/1,800/1,600/1,400/1,200	100	80	27/30/35/40/50	0-10V	120-277	★
	15158	CD6-PS20-8FCCT-HDD-WH	6"	20/18/16/14/12	2,000/1,800/1,600/1,400/1,200	100	80	27/30/35/40/50	Triac & 0-10V	120-347	★
	15163	CD6-PS40-8FCCT-UDIM-WH	6"	40/35/30/25/20	4,000/3,500/3,000/2,500/2,000	100	80	27/30/35/40/50	0-10V	120-277	★
	15165	CD6-PS40-8FCCT-HDD-WH	6"	40/35/30/25/20	4,000/3,500/3,000/2,500/2,000	100	80	27/30/35/40/50	Triac & 0-10V	120-347	★
	15167	CD8-PS35-8FCCT-UDIM-WH	8"	35/30/25/20/15	3,500/3,000/2,500/2,000/1,500	100	80	27/30/35/40/50	0-10V	120-277	★
	15169	CD8-PS35-8FCCT-HDD-WH	8"	35/30/25/20/15	3,500/3,000/2,500/2,000/1,500	100	80	27/30/35/40/50	Triac & 0-10V	120-347	★
	15171	CD10-PS40-8FCCT-UDIM-WH	10"	40/35/30/25/20	4,000/3,500/3,000/2,500/2,000	100	80	27/30/35/40/50	0-10V	120-277	★

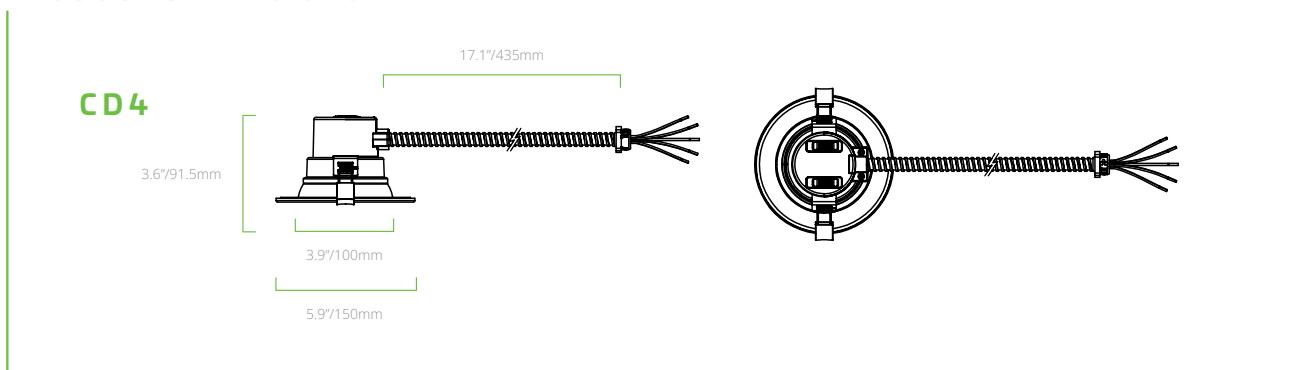
ACCESSORIES

ORDER	ORDER CODE	ITEM #	DESCRIPTION
	11604	CD4/GR	4" Goof Ring White 
	11605	CD6/GR	6" Goof Ring White 
	11606	CD8/GR	8" Goof Ring White 
	15203	DL-NCPSJ	New Construction Plate Stud/Joist 
	15201	DL-NCPTG	New Construction Plate T-Grid Accessory 

BATTERY BACKUPS

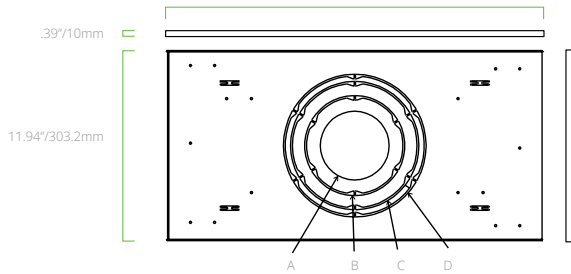
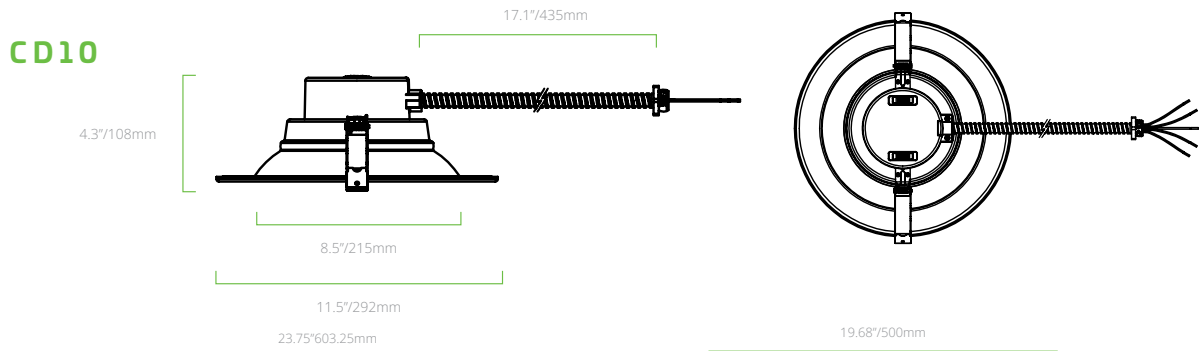
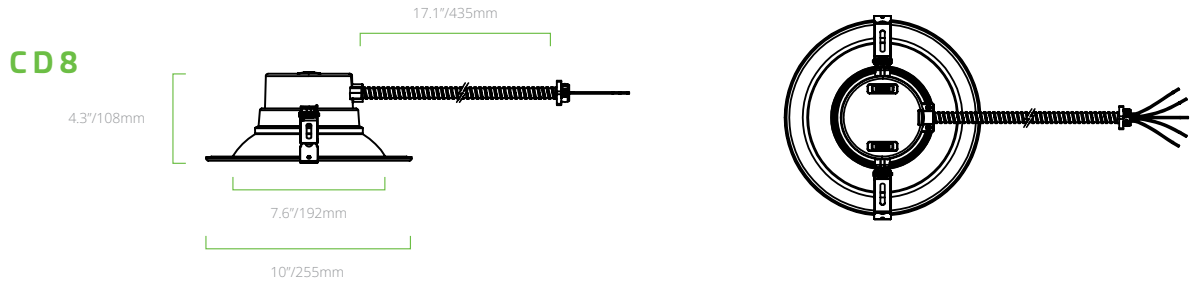
ORDER	ORDER CODE	ITEM #	DESCRIPTION
	11674	EEBE08WHA170S	EiKO Emergency Battery External 8W 120-347V 170VDC Single Flex-Conduit CEC Compliant. Field install.
	11675	EEBE18WHA170S	EiKO Emergency Battery External 18W 100-347V 170VDC Single Flex-Conduit CEC Compliant. Field install.

PRODUCT DIMENSIONS



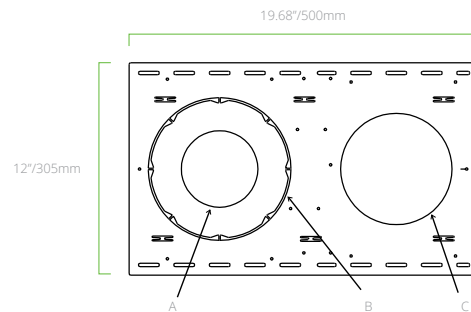


PRODUCT DIMENSIONS CONT'D



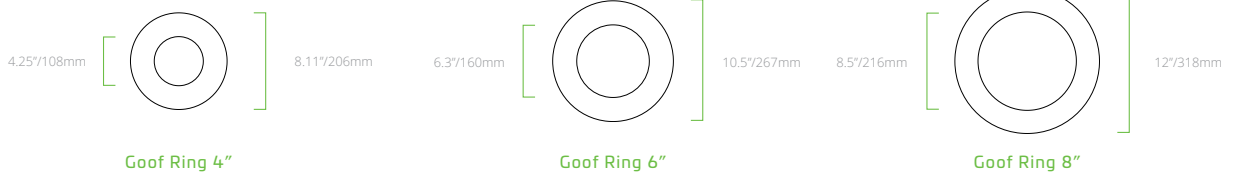
**DL-NCPTG
NEW CONSTRUCTION PLATE T-GRID**

A: Ø 4 5/16"/109.54mm
B: Ø 6 5/16"/160.34mm
C: Ø 8 1/16"/204.79mm
D: Ø 9"/228.6mm



**DL-NCPSJ
NEW CONSTRUCTION PLATE STUD/
JOIST**

A: Ø 4 5/16"/109.54mm
B: Ø 8 1/16"/204.79mm
C: Ø 6 5/16"/160.34mm



Goof Ring 4"

Goof Ring 6"

Goof Ring 8"



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project name	type
catalog number	voltage
approved by	date

VL1 VL1 VOLUMETRIC TROFFER SERIES

The VL1 Troffer has a low profile, architectural design and delivers glare-free, even illumination for interior spaces. It is color and power selectable, with 120-347V driver providing on-site flexibility right out of the box. With multiple mounting options, controls ready capabilities, and battery backup options, this fixture adapts to your needs.



FEATURES AND BENEFITS

PERFORMANCE

- Power & Color Select Technology for simplified SKU management and field customization.
 - PowerSET – 3 Power settings
 - ColorSET – 3 CCT settings (3500K/4000K/5000K)
- Input voltage: 120-347V.
- Sizes: 1X4, 2X2, and 2X4 to cover all requirements.
- PMMA acrylic lens: diffused for glare control, non-yellowing, with IK07 impact resistance rating.
- White powder-coated steel housing.
- Technical performance:
 - CRI >80
 - Efficacy up to 140 LPW
 - Lumen Maintenance 70% (L70) > 100,000 hours
 - Power Factor: 0.9
 - THD: <20%
 - Surge Protection: 2.5kV included
 - IC (Insulation Contact) Rated for safe and direct contact with ceiling insulation.
 - Ambient operating temperature: -40°F to 122°F (-40°C to 50°C). For use with sensor, refer to chosen sensor's spec sheet for operating temperature range.
- All products are DesignLights Consortium® (DLC) Premium listed.

INSTALLATION

- Slim profile, lightweight design for easy installation.
- Standard fixture installs to T-Grid Ceilings.
- Surface and suspension mounting options available:
 - Recessed Mount Kit
 - Surface Mount Kit

CONTROLS

- Standard 0-10V dimming with Dim-to-Off.
- Controls Ready design for standalone and networked control options.
 - Ships with controls ready receptacle for field installation.
 - EiKO Plug-and-Play sensors and controls available.
 - 3rd Party networked controls options through factory customizations.

CUSTOMIZATION

- Factory installed options to meet custom requirements and building codes:
 - 90-minute emergency lighting
 - 3rd party networked controls
 - Custom cord lengths and plugs

DLC LISTING INFORMATION

ORDER CODE	MODEL	DLC PRODUCT ID	DLC CLASSIFICATION
13792	VL1-14PS35-FCCT-H	S-KZD6IB	Standard
13794	VL1-22PS35-FCCT-H	S-R2U8EH	Standard
13796	VL1-24PS45-FCCT-H	S-X93JM5	Standard
13798	VL1-24PS90-FCCT-H	S-3VRSZP	Standard







AVAILABLE MODELS

ORDER CODE	NAME	NOMINAL SIZE	WATTS (W)	COLOR TEMPERATURE (K)	LUMEN OUTPUT (lm)	VOLTAGE (VAC)
13792	VL1-14PS35-FCCT-H	1x4	35/30/22W	3500/4000/5000K	4,900/4,200/3,080 lm	120-347
13794	VL1-22PS35-FCCT-H	2x2	35/30/22W	3500/4000/5000K	4,900/4,200/3,080 lm	120-347
13796	VL1-24PS45-FCCT-H	2x4	45/35/26W	3500/4000/5000K	6,300/4,900/3,640 lm	120-347
13798	VL1-24PS90-FCCT-H	2x4	90/75/65W	3500/4000/5000K	12,600/10,500/9,100 lm	120-347



ORDERING GUIDE

MODEL CONFIGURATOR					FACTORY INSTALLED OPTIONS		
MODEL	SIZE	WATTS	COLOR TEMPERATURE	VOLTAGE	CORD LENGTH	EMERGENCY OPTIONS	CONTROLS
VL1			FCCT	H			
VL1	14 - 1X4 22 - 2X2 24 - 2X4	PS - PowerSET PS35 - 35/30/22W PS45 - 45/35/26W PS90 - 90/75/65W	FCCT - Field Color Selectable (3500K/4000K/5000K)	H - 120-347V	[Blank]: Default no cord A1xx: 300V 18/3 armored cable, XX to specify length up to 99' A2xx: 600V 18/3 armored cable, XX to specify length up to 99' W3xx: 600V 18/6 white service cord with dimming wires and a 24/7 hot wire for battery backup Custom length required (in feet)	[Blank]: Default, no Emergency option EB08: 8W Emergency Battery pack, 100-347V (For use with PS35 and PS45 models only) EB18: 18W Emergency battery pack, 100-347V EB40: 40W Emergency battery pack, 100-347V ((For use with PS90 model only)	[Blank]: Default, no controls M14: Stand-alone PIR Motion Sensor, 8-12ft M21: Bluetooth NLC PIR Motion sensor, 8-12ft


MOUNTING ACCESSORIES

ORDER CODE	NAME	DESCRIPTION	IMAGES
RECESSED MOUNT KITS			
13913	FP1-RMK-14	FP1 Recessed Mount Kit For 1x4 Flat Panels and Troffers	
13914	FP1-RMK-22	FP1 Recessed Mount Kit For 2x2 Flat Panels and Troffers	
13915	FP1-RMK-24	FP1 Recessed Mount Kit For 2x4 Flat Panels and Troffers	
SURFACE MOUNT KITS			
13909	FP1-SMK-14	FP1 Surface Mount Kit For 1x4 Flat Panels and Troffers	

**ACCESSORIES CONT'D**

ORDER CODE	NAME	DESCRIPTION	IMAGES
MOUNTING ACCESSORIES			
13908	FP1-SMK-22	FP1 Surface Mount Kit For 2x2 Flat Panels and Troffers	
13912	FP1-SMK-24	FP1 Surface Mount Kit For 2x4 Flat Panels and Troffers	

EMERGENCY LIGHTING SOLUTIONS

ORDER CODE	NAME	DESCRIPTION	IMAGES	FACTORY INSTALLED CODE
11675	EEBE18WHA170S* View spec sheet	EiKO 18W - 120-347V Emergency battery pack Single Flex - Conduit CEC Compliant. See spec sheet for full details.		EB18

*** WARNING:** When using these AC version battery packs with any controls solution, internal rewiring is required according to the installation sheets' wiring diagram. Failure to do so may result in a violation of safety codes.



CONTROLS READY

STANDALONE LIGHT & MOTION SENSORS


Field-installable, screw-in, plug-and-play sensors transform Eiko controls ready fixtures into smart lighting devices which respond to the environment and save time, cost and energy consumption, in applications up to 40ft.



PIR: SENA-SHPR

[View spec sheets for complete product information.](#)

Configure Eiko standalone sensor settings using the sensor commissioning tool to achieve desired behavior and enable advanced light control functions, such as Daylight Harvesting and Dusk-to-Dawn dimming.

ORDER CODE	MODEL	DESCRIPTION	IMAGE
13861	SEN5A-SPPR-WH	Standalone Screw-in PIR Motion Sensor	
13859	SEN5A-SPMR-WH	Standalone Screw-in Microwave Motion Sensor	
SEN5A COMMISSIONING TOOL			
13344	SEN5A-ACT	Commissioning Tool for SEN5A	

Eiko Standalone sensors come with default settings below:

- Brightness: 100%
- Sensitivity: 75%
- Hold Time: 10 minutes
- Daylight Function: Disable
- Dim level: 30%
- Dim Time: 1 minute

BLUETOOTH NETWORKED SENSOR

Eiko's field-installable screw-in Bluetooth (BLE) enabled PIR sensor brings network control capabilities to Eiko Controls Ready fixtures.

Use the Silvoir Commissioning app to set up and configure the sensor settings and your lighting network.

Pair multiple SENA-WPPR-WH enabled fixtures to create zone and group level control. Add compatible wall stations or switches to complete your desired control plan and advanced control strategies all through the Silvoir App.

No hubs, routers, gateways required.



PIR : SENA-WHPA

[View spec sheets for complete product information.](#)




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SILVAIR



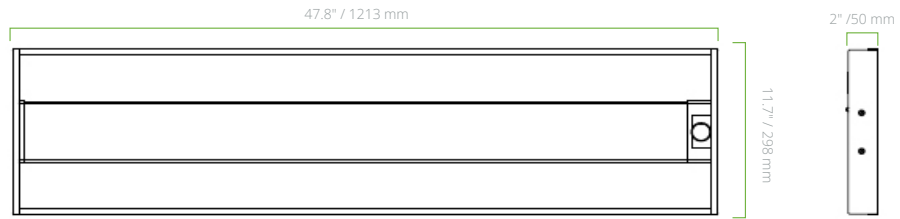
Web App: platform.silvoir.com



ORDER CODE	MODEL	DESCRIPTION	IMAGE
13865	SENA-WPPA-WH	Bluetooth (BLE) Screw-in PIR Motion sensor	
WIRELESS 120-277V WALL CONTROLLERS			
12635	PSC-DM-WS-100-BLE-SR	Bluetooth Single Gang Single Button Wall Controller, 120-277V White, Parameters set by Silvoir App.	
12636	PSC-DM-I-WS-100-BLE-SR	Bluetooth PIR Occupancy/ Vacancy Sensor, 120-277V, Single Gang Wall Controller, White, Parameters set by Silvoir App.	
12637	PSC-DM-WS-400-BLE-SR	Bluetooth 4-Button Wall Controller, 120-277V, Single Gang, White, Parameters set by Silvoir App.	

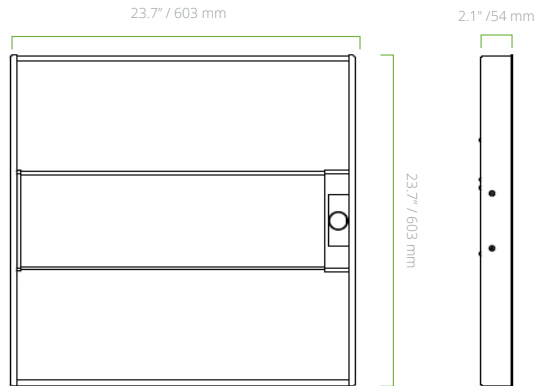


PRODUCT DIMENSIONS

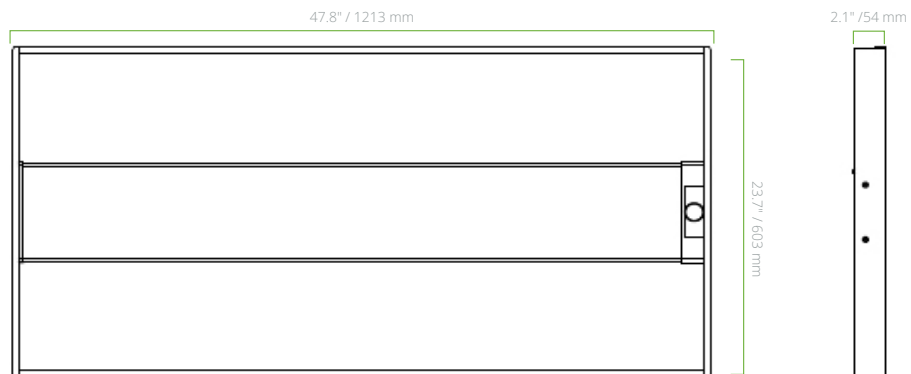


1X4 MODELS

Weight: 7.7 lbs / 3.5 kg



Weight: 6.8 lbs / 3.1 kg



2X4 MODELS

Weight: 11.4 lbs / 5.2 kg



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project name	type
catalog number	voltage
approved by	date

VL1 VL1 VOLUMETRIC TROFFER SERIES

The VL1 Troffer has a low profile, architectural design and delivers glare-free, even illumination for interior spaces. It is color and power selectable, with 120-347V driver providing on-site flexibility right out of the box. With multiple mounting options, controls ready capabilities, and battery backup options, this fixture adapts to your needs.



FEATURES AND BENEFITS

PERFORMANCE

- Power & Color Select Technology for simplified SKU management and field customization.
 - PowerSET – 3 Power settings
 - ColorSET – 3 CCT settings (3500K/4000K/5000K)
- Input voltage: 120-347V.
- Sizes: 1X4, 2X2, and 2X4 to cover all requirements.
- PMMA acrylic lens: diffused for glare control, non-yellowing, with IK07 impact resistance rating.
- White powder-coated steel housing.
- Technical performance:
 - CRI >80
 - Efficacy up to 140 LPW
 - Lumen Maintenance 70% (L70) > 100,000 hours
 - Power Factor: 0.9
 - THD: <20%
 - Surge Protection: 2.5kV included
 - IC (Insulation Contact) Rated for safe and direct contact with ceiling insulation.
 - Ambient operating temperature: -40°F to 122°F (-40°C to 50°C). For use with sensor, refer to chosen sensor's spec sheet for operating temperature range.
- All products are DesignLights Consortium® (DLC) Premium listed.

INSTALLATION

- Slim profile, lightweight design for easy installation.
- Standard fixture installs to T-Grid Ceilings.
- Surface and suspension mounting options available:
 - Recessed Mount Kit
 - Surface Mount Kit

CONTROLS

- Standard 0-10V dimming with Dim-to-Off.
- Controls Ready design for standalone and networked control options.
 - Ships with controls ready receptacle for field installation.
 - EiKO Plug-and-Play sensors and controls available.
 - 3rd Party networked controls options through factory customizations.

CUSTOMIZATION

- Factory installed options to meet custom requirements and building codes:
 - 90-minute emergency lighting
 - 3rd party networked controls
 - Custom cord lengths and plugs

DLC LISTING INFORMATION

ORDER CODE	MODEL	DLC PRODUCT ID	DLC CLASSIFICATION
13792	VL1-14PS35-FCCT-H	S-KZD6IB	Standard
13794	VL1-22PS35-FCCT-H	S-R2U8EH	Standard
13796	VL1-24PS45-FCCT-H	S-X93JM5	Standard
13798	VL1-24PS90-FCCT-H	S-3VRZSP	Standard



AVAILABLE MODELS

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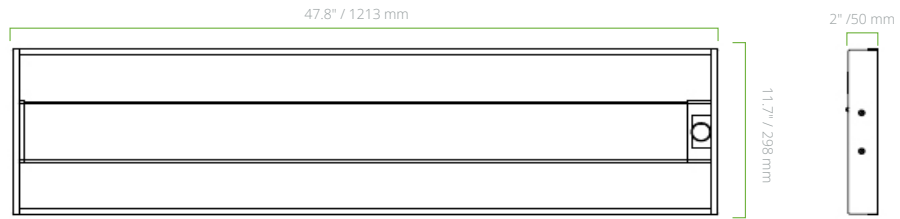
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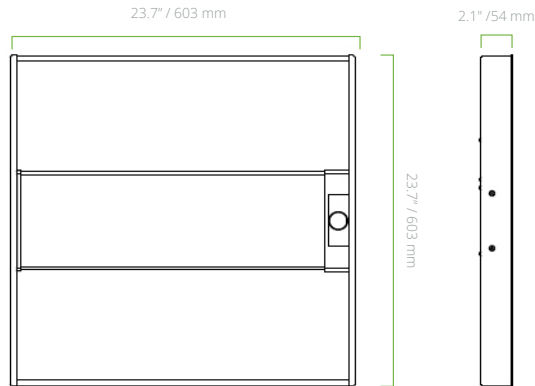


PRODUCT DIMENSIONS

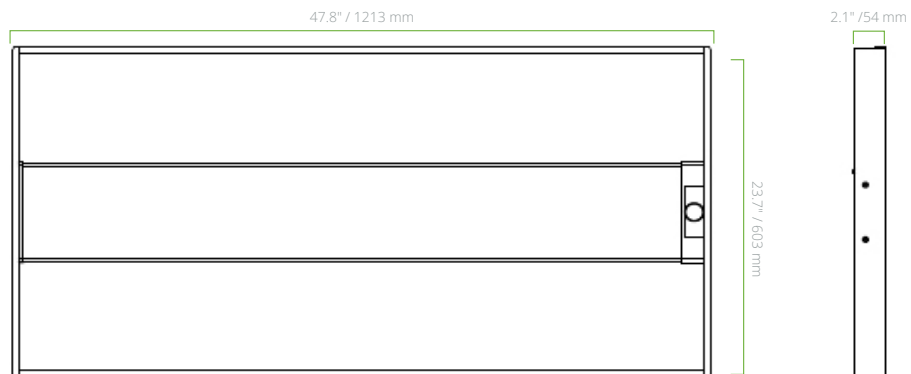


1X4 MODELS

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Weight: 6.8 lbs / 3.1 kg



2X4 MODELS

Weight: 11.4 lbs / 5.2 kg



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ENDEAVOR
 A QSSI COMPANY SINCE 1985

ENFB1Q & ENFB1C3

Jupiter LED Bullet Flood

PROJECT INFORMATION:

PROJECT NAME:	FIXTURE TYPE:
COMPLETE CATALOG #:	DATE:
COMMENTS:	



ENFB1WQ1X16 Shown

Shown with "B"
C3 100° Wide Optic
Installed.Shown with "D"
C3 30° Narrow Optic
Installed.

The Endeavor ENFB1 flood light luminaire is available with a knuckle mounting feature and is designed with three optical outputs to replace HID lighting systems up to 100w 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 12 feet based on light level and uniformity requirements.

Specifications and Features:

Housing:

Die-Cast Gasketed Aluminum Housing and Front Frame with Integral Heat-Dissipating Fins for Thermal Management. Nickel-Plated Stainless Steel Hardware.

Listing & Ratings:

ETL: 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:

Adjustable Knuckle with 1/2" NPS Threads.

LED:

Endeavor Cool Copper COB (20W)
 Endeavor EasyLED Array (16W)

Wattage:

20 Watt COB, 21 Watt Input; Wide (B) or Narrow (D) Only
 16 Watt Array, 17 Watt Input

Driver:

Electronic Driver, 120-277V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 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 (C3 Only)

Warranty:

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

See Page 4 for Projected Lumen Maintenance Table.

CERTIFICATION & LISTINGS:


89,000 HOURS

THE AMERICAN WAY OF LIGHTING

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 For more information visit our website at www.endeavorlighting.com

Specifications subject to change without notice.

Rev. 081425



ENFB1Q & ENFB1C3

Jupiter LED Bullet Flood

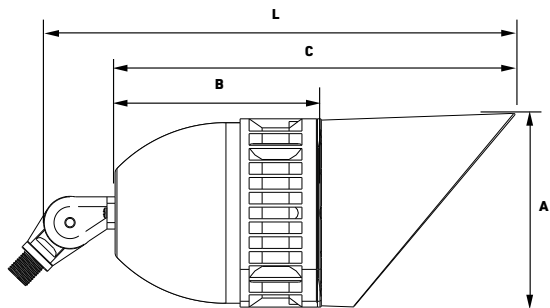
ORDERING

KN

MODEL	COLOR	MOUNTING	OPTIONS
Jupiter EasyLED Bullet			
<p>ENFB1WQ1X16U3K=Jupiter EasyLED Bullet, 16W, Wide 100° Beam, 120-277V, 3K</p> <p>ENFB1MQ1X16U3K=Jupiter EasyLED Bullet, 16W, Medium 70° Beam, 120-277V, 3K</p> <p>ENFB1NQ1X16U3K=Jupiter EasyLED Bullet, 16W, Narrow 30° Beam, 120-277V, 3K</p> <p>ENFB1WQ1X16U4K=Jupiter EasyLED Bullet, 16W, Wide 100° Beam, 120-277V, 4K</p> <p>ENFB1MQ1X16U4K=Jupiter EasyLED Bullet, 16W, Medium 70° Beam, 120-277V, 4K</p> <p>ENFB1NQ1X16U4K=Jupiter EasyLED Bullet, 16W, Narrow 30° Beam, 120-277V, 4K</p> <p>ENFB1WQ1X16U5K=Jupiter EasyLED Bullet, 16W, Wide 100° Beam, 120-277V, 4K</p> <p>ENFB1MQ1X16U5K=Jupiter EasyLED Bullet, 16W, Medium 70° Beam, 120-277V, 4K</p> <p>ENFB1NQ1X16U5K=Jupiter EasyLED Bullet, 16W, Narrow 30° Beam, 120-277V, 4K</p>	<p>Z=Bronze</p> <p>C=Custom (Consult Factory)</p>	<p>KN=½" NPS Knuckle</p>	<p>SF=Single Fuse*♦</p> <p>DF=Double Fuse*♦</p> <p>SP=Surge Protection*</p> <p>*Not Available on 12V Model. ♦120-277V Models Only.</p>
Jupiter C3 COB LED Bullet			
<p>ENFB1BC31X20U41K=Jupiter C3 LED Bullet, 20W, Wide 100° Beam, 120-277V, 41K</p> <p>ENFB1BC31X20V41K=Jupiter C3 LED Bullet, 20W, Wide 100° Beam, 12V, 41K*</p> <p>ENFB1DC31X20U41K=Jupiter C3 LED Bullet, 20W, Narrow 30° Beam, 120-277V, 41K</p> <p>ENFB1DC31X20V41K=Jupiter C3 LED Bullet, 20W, Narrow 30° Beam, 12V, 41K*</p>			
* 12V ONLY Available for this model			

ORDER INFORMATION EXAMPLE: ENFB1MQ1X16U3KZKN

DIMENSIONS



Length (B)	6¼" (160mm)
Length with Visor (C)	12¼" (310mm)
Length with Visor & Mount (L)	14¾" (365mm)
Diameter (A)	5½" (150mm)

ACCESSORIES & REPLACEMENT PARTS:

MOUNTING ACCESSORIES
(ORDER SEPARATELY, FIELD INSTALLED)

ENFLPTFZ	Die-cast Post Top Fitter for 2½" to 3½" Poles, Bronze Powdercoat Finish, Three (3) ½" Coin Plugs.
ENFLSTK	Heavy Duty Ground Stake, Built-in Wiring Compartment with ½" NPS Threaded Fitting, Black Plastic. For Line-Voltage Applications.
ENNA04	Plastic Ground Stake with ½" NPT Threads, 11" H x 3" Diameter. For Low-Voltage Applications.

ACCESSORIES
(ORDER SEPARATELY, FIELD INSTALLED)

ENFB1VZ	Die-Cast Rotatable Visor, Bronze Powdercoat Finish.
----------------	---



ENFB1VZ*
*Shown Mounted



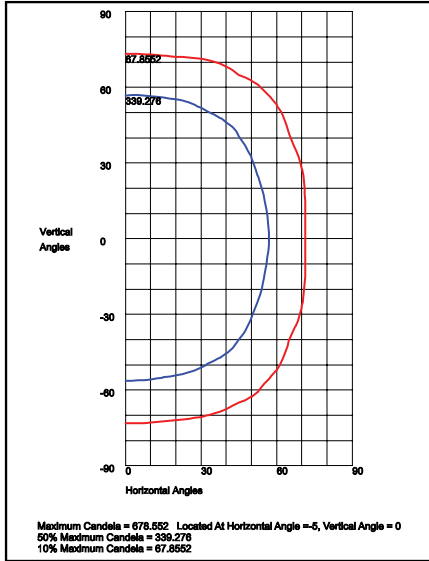
ENFLPTFZ ENFLSTK ENNA04



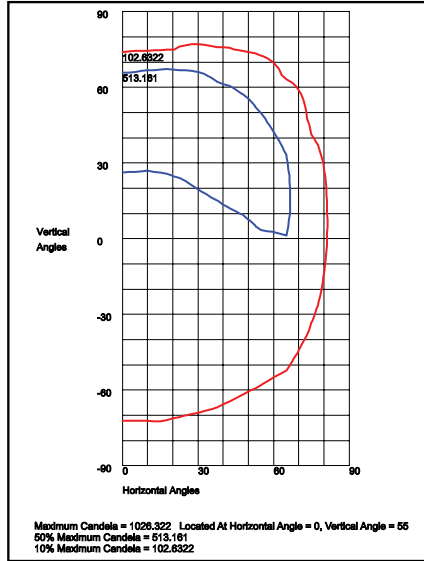
ENFB1Q & ENFB1C3

Jupiter LED Bullet Flood

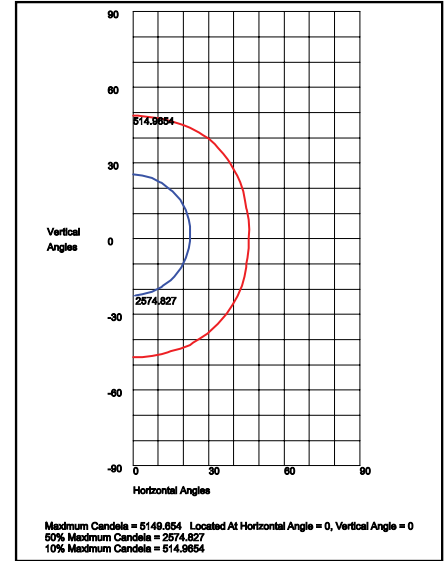
PHOTOMETRIC DATA



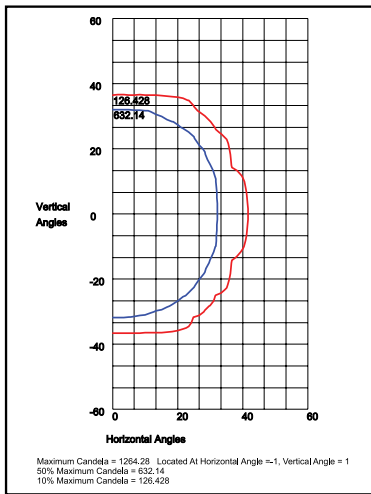
ENFB1Q1X16U5K
112°H x 112°V, NEMA 7H x 7V



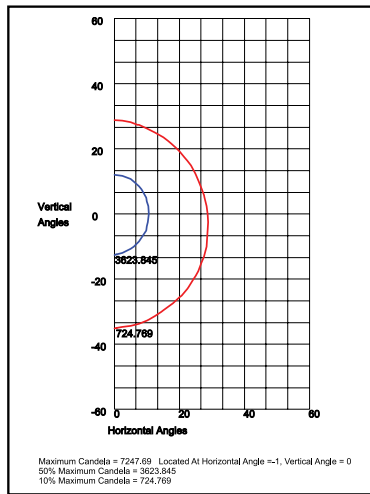
ENFB1M1X16U5K
90°H x 40°V, NEMA 7H x 6V



ENFB1N1X16U5K
32°H x 32°V, NEMA 4H x 4V



ENFB1BC31X20U41K
100°H x 100°V Beam, NEMA 6H x 6V



ENFB1DC31X20U41K
25°H x 25°V Beam, NEMA 4H x 4V



Job Name:
NEW FIRE STATION 10

Catalog Number:
ENFB1DC31X20V41KZKN /
ENFLPTFZ / ENFB1VZ
Notes:

Type:

L8

NOL26-153375

ENDEAVOR
A QSSI COMPANY SINCE 1985

ENFB1Q & ENFB1C3

Jupiter LED Bullet Flood

PHOTOMETRIC PERFORMANCE

WATTAGE (CATALOG LOGIC)	OPTIC	BEAM	5000 CCT 80 CRI	4000 CCT 80 CRI	3000 CCT 80 CRI
			LUMENS	LUMENS	LUMENS
ENFB1Q1X16	W - 112° Wide	112°H x 112°V, NEMA 7H x 7V	1,876	1,807	1,751
	M - 65° Medium	90°H x 40°V, NEMA 7H x 6V	1,870	1,801	1,745
	N - 32° Narrow	32°H x 32°V, NEMA 4H x 4V	2,234	2,152	2,085
ENFB1C31X20	B - 100° Wide	100°H x 100°V, NEMA 6H x 6V		2,336	
	D - 30° Narrow	30°H x 30°V, NEMA 4H x 4V		2,326	

PROJECTED LUMEN MAINTENANCE

DATA SHOWN FOR ALL MODELS			COMPARE TO MH			
TM-21-11	INPUT WATTS	INITIAL	25,000 HRS	50,000 HRS	100,000 HRS	CALCULATED LED LIFE
L70 Lumen Maintenance @ 25°C / 77°F	17-21	1.00	0.92	0.83	0.66	89,000
L70 Lumen Maintenance @ 50°C / 122°F		1.00	0.90	0.81	0.62	78,000
L80 Lumen Maintenance @ 40°C / 104°F		1.00	0.93	0.86	0.72	72,000

NOTES:

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

THE AMERICAN WAY OF LIGHTING

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For more information visit our website at www.endeavorlighting.com

Specifications subject to change without notice. Rev. 081425


LLW Linear Wrap

HIGHLIGHTS

- Ideal replacement for less efficient fluorescent wrap fixtures
- Perfect for lower traffic areas
- Internal back-up battery field install accessory available
- 2' and 4' versions
- PowerSet feature allows for multiple lumen stops out of the box
- FieldCCeT features provides multiple color temperature settings in one fixture

CERTIFICATIONS

- UL listed for US & Canada
- ETL Listed for US & Canada
- RoHS Compliant
- FCC Compliant
- Damp Location Rated
- DesignLights Consortium® Qualified - meets DLC requirements for efficacy and lumen maintenance

PERFORMANCE

- High Efficacy, up to 115 lm/W
- Available in fixed wattage models: 20W, 32W, 40W or 48W and PowerSet models: power-selectable 24/20/16W or 48/40/32W
- Available in single CCT models: 4000K or FieldCCeT models: field-selectable CCT 35/40/5000K
- CRI: >80
- Rated lifetime L70: 50,000 hours

ELECTRICAL

- Input voltage: 120-277V, 120-347V
- 12V Output: 200mA (on available models, see page 2)
- Power Factor: >0.9
- THD: <10%

THERMAL

- -4°F to 122°F (-20°C to 50°C) ambient operating temperature

CONSTRUCTION

- Durable steel body construction with white powder coat finish
- Polycarbonate lens

WARRANTY

- 5 Year limited warranty available [online](#). Contact your Eiko sales rep for additional details.

project name	type
catalog number	voltage
approved by	date



LLW2



LLW4


APPLICATIONS

- Classroom
- Meeting rooms
- Office
- Library
- Retail
- Reception/Lobby

KEY FEATURES
BACK-UP BATTERY

Internal back-up battery field install accessory available

MULTIPLE LUMEN OPTIONS

PowerSet feature allows for multiple lumen stops out of the box

MULTIPLE COLOR TEMPS

FieldCCeT features provides multiple color temperature settings in one fixture

INTERNAL BACK-UP
BATTERY FIELD INSTALL
ACCESSORY AVAILABLE

POWERSET FEATURE ALLOWS
FOR MULTIPLE LUMEN STOPS
OUT OF THE BOX

FIELDCCET FEATURES
PROVIDES MULTIPLE
COLOR TEMPERATURE
SETTINGS IN ONE FIXTURE


Job Name:
NEW FIRE STATION 10

Catalog Number:
LLW4/PS48/8FCCT/HD

Notes:

Type:

L9

NOL26-153375

AVAILABLE MODELS

ORDER	ORDER CODE	ITEM #	SIZE	WATTS	CCT*	LUMENS	EFFICACY (lm/W)	CRI	VOLTAGE	12V OUTPUT	DIMMING	DLC	
												STANDARD	
	12577	LLW2/20W/8FCCT/UD	2'	20W	35/40/5000K	2300 lm	115 lm/W	>80	120-277V	200mA	0-10V	S-N9HWZ0	
	12578	LLW2/PS24/8FCCT/HD	2'	24/20/16W	35/40/5000K	2760/2300/1840 lm	115 lm/W	>80	120-347V	n/a	0-10V	S-0SWDME	
	12580	LLW4/40W/8FCCT/UD	4'	40W	35/40/5000K	4600 lm	115 lm/W	>80	120-277V	200mA	0-10V	S-XIR2HQ	
	12581	LLW4/48W/8FCCT/UD	4'	48W	35/40/5000K	5520 lm	115 lm/W	>80	120-277V	200mA	0-10V	S-0WCHR3	
	11443	LLW4-368-32W-840-HD	4'	32W	4000K	3680 lm	115 lm/W	>80	120-347V	n/a	0-10V	PNIX397A	
	12579	LLW4/32W/8FCCT/UD	4'	32W	35/40/5000K	3680 lm	115 lm/W	>80	120-277V	200mA	0-10V	S-NTV8YP	
	11444	LLW4-460-40W-840-HD	4'	40W	4000K	4600 lm	115 lm/W	>80	120-347V	n/a	0-10V	PDJFW878	
	11445	LLW4-552-48W-840-HD	4'	48W	4000K	5520 lm	115 lm/W	>80	120-347V	n/a	0-10V	P67LU7LR	
	12582	LLW4/PS48/8FCCT/HD	4'	48/40/32W	35/40/5000K	5520/4600/3680 lm	115 lm/W	>80	120-347V	n/a	0-10V	S-7T8SAB	

*Ships at 4000K

MODEL CONFIGURATOR

MODEL	SIZE	-	WATTS	-	CRI/CCT	-	VOLTAGE/DIMMING
LLW		-		-		-	

EXAMPLE PART NUMBER: LLW4/32W/8FCCT/UD

BATTERY BACKUPS

ORDER	ORDER CODE	ITEM #	DESCRIPTION
	10918	EEBN08WUA050	EiKO Emergency Battery Kit Internal 8W 120-277VAC 25-50VDC CEC Compliant. Field Installed Only.
	10896	EEBN15WUA050	EiKO Emergency Battery Kit Internal 15W 120-277VAC 25-50VDC CEC Compliant. Field Installed Only.
	10897	EEBN20WUA050	EiKO Emergency Battery Kit Internal 20W 120-277VAC 25-50VDC CEC Compliant. Field Installed Only.

*WARNING: Battery is only compatible with 120-277V version. Contact EiKO for 347V battery backup options.

CONTROLS & SENSORS

ORDER	ORDER CODE	ITEM #	DESCRIPTION
STANDALONE CONTROLS			
PIR SENSORS			
	13861	SEN5A-SPPR-WH**	Stand-alone PIR Motion Sensor, 12-24V, Screw-in, 0-10V, Daylight Harvesting, 8-40ft, White, IP65, Parameters set by SEN5A-ACT. Note: Note: Swivel mount adapter required: SENA-AP-WH
	13342	SEN5A-SZPR-WH**	Stand-alone PIR Motion Sensor, 12-24V, Z10, 0-10V, Daylight Harvesting, 40ft, White, Parameters set by SEN5A-ACT. Note: Note: Swivel mount adapter required: SENA-AZ-WH
MICROWAVE SENSORS*			
	313895	MS1-DHR-KO-1	Stand-alone Microwave Motion Sensor, 120-277V, IP65, 1/2" knock-out, 0-10V, Ambient Threshold, 48ft, Parameters set by RC01. Note: Swivel mount adaptor required: SENA-AZ-WH.
	12150	SEN/M/S1C/KO	Stand-alone Microwave Motion Sensor, 120-277V, IP65 1/2" knock-out, 0-10V, Ambient Threshold, Parameters set by SEN-S1-RC3.
	13341	SEN5A-SZMR-WH**	Stand-alone Microwave Motion Sensor, 12-24V, Z10, 0-10V, Daylight Harvesting, 40ft, White, Parameters set by SEN5A-ACT. Note: Swivel mount adapter required: SENA-AZ-WH.
	13859	SEN5A-SPMR-WH**	Stand-alone Microwave Motion Sensor, 12-24V, Screw-in, 0-10V, Daylight Harvesting, 8-40ft, White, IP65, Parameters set by SEN5A-ACT. Note: Note: Swivel mount adapter required: SENA-AP-WH
REMOTES FOR COMMISSIONING STANDALONE CONTROLS			
	13344	SEN5A-ACT	Commissioning Tool for SEN5A, BAY-E-SEN/PIR, BAY-E-SEN/M, and MS2-DPX-3 (Backward compatible with SEN5A/CT and RC-100).
	313897	RC01	Commissioning Tool for MS1-DHR-SA-4, MS1-DHR-KO-1, MS1-DHR-KO-4.
	10917	SEN-S1-RC3	Commissioning Tool for SEN/M/S1C/KO.

* Microwave sensors must be installed on stable and immovable fixtures to avoid false activation from swinging.



CONTROLS & SENSORS CONT'D

NETWORKED LIGHTING CONTROLS (NLC)

SENSOR AND CONTROLLER

13246	SENA-WZPA-WH**	BLE PIR Motion sensor, 12-24V, IP65, Z10, 0-10V, Daylight Harvesting, 40ft, Parameters set by Silvoir App. Note: Swivel mount adapter required: SENA-AZ-WH
12643	PSC-ZKV-WCM-100-BLE-SR**	BLE TruBle wireless fixture Controller, 12-24V, Z10, 0-10V, Parameters set by Silvoir App. Note: Swivel mount adapter required: SENA-AZ-WH

WALL OR WIRELESS CONTROLLERS

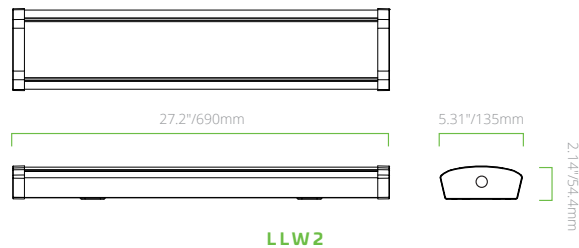
12654	ESRPB-W-EO	BLE Easyfit by EnOcean wireless self-powered kinetic Single rocker pad, white, wall plate included.
12655	EDRPB-W-EO	BLE Easyfit by EnOcean wireless self-powered kinetic Double rocker pad, white, wall plate included.
12635	PSC-DM-WS-100-BLE-SR	BLE TruBlu 120-277V, Single Gang Single Button Wall Controller, White, Parameters set by Silvoir App.
12636	PSC-DM-I-WS-100-BLE-SR	BLE TruBlu PIR Occupancy/ Vacancy Sensor, 120-277V, Single Gang Wall Controller, White, Parameters set by Silvoir App.
12637	PSC-DM-WS-400-BLE-SR	BLE TruBlu 120-277V, Single Gang 4-Button Wall Controller, White, Parameters set by Silvoir App.

ADAPTERS & ACCESSORIES

14431	SENA-AP-WH	Screw-In IP65 White Stem Swivel Mounting bracket, 12-24VDC Max. 22AWG 2ft V+(1:Yellow) Dim-(2:Pink) Dim+(3:Purple)
13343	SENA-AZ-WH	Z10 White Stem Swivel Mount bracket 12-24VDC Max. 22AWG 2ft V+(1:Yellow) Dim-(2:Pink) Dim+(3:Purple) Optional(4:Brown)

** Only Compatible with fixture that has 12VDC 200mA Auxiliary power Models

PRODUCT DIMENSIONS

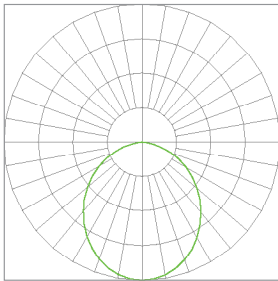




PHOTOMETRICS

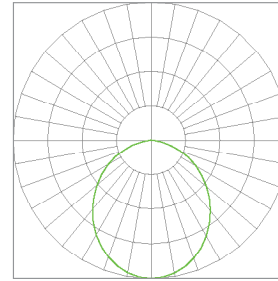
LLW4 32W (Typical performance @ 4000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	1047.74	29.00
0-40	1679.64	46.50
0-60	2854.18	79.10
0-80	3497.67	96.90
0-90	3582.53	99.30
60-80	643.49	17.80
70-80	236.18	6.50
80-90	84.86	2.40
0-180	3609.26	100.00



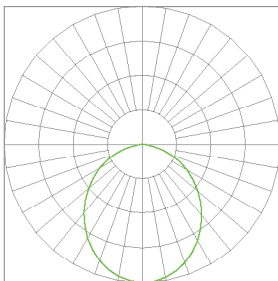
LLW4 40W (Typical performance @ 4000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	1336.16	29.00
0-40	2142.69	46.50
0-60	3643.04	79.10
0-80	4466.13	96.90
0-90	4573.43	99.30
60-80	823.08	17.90
70-80	302.21	6.60
80-90	107.30	2.30
0-180	4607.07	100.00



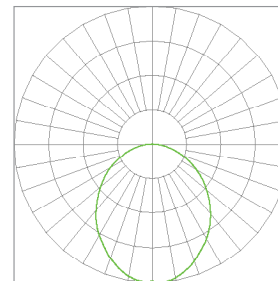
LLW4 48W (Typical performance @ 4000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	1577.18	29.00
0-40	2528.31	46.60
0-60	4295.46	79.10
0-80	5261.31	96.90
0-90	5386.00	99.20
60-80	965.85	17.80
70-80	353.81	6.50
80-90	124.69	2.30
0-180	5430.69	100.00



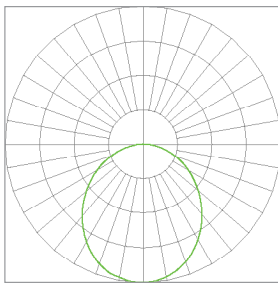
LLW2 20W (Typical performance @ 5000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	706.99	28.80
0-40	1134.82	46.20
0-60	1931.05	78.60
0-80	2365.67	96.30
0-90	2426.63	98.80
60-80	434.62	17.70
70-80	161.64	6.60
80-90	60.97	2.50
0-180	2457.13	100.00



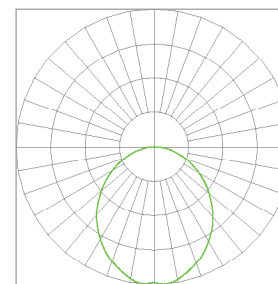
LLW4 32W (Typical performance @ 5000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	848.54	29.20
0-40	1360.44	46.80
0-60	2305.29	79.20
0-80	2811.15	96.60
0-90	2878.83	98.90
60-80	505.86	17.40
70-80	186.57	6.40
80-90	67.68	2.30
0-180	2909.69	100.00



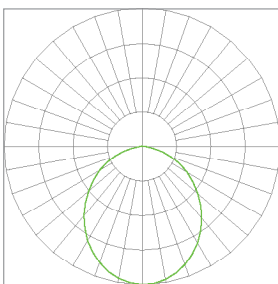
LLW4 40W (Typical performance @ 5000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	1554.65	27.90
0-40	2517.56	45.20
0-60	4355.33	78.10
0-80	5391.06	96.70
0-90	5524.97	99.10
60-80	1035.72	18.60
70-80	385.01	6.90
80-90	133.92	2.40
0-180	5575.14	100.00



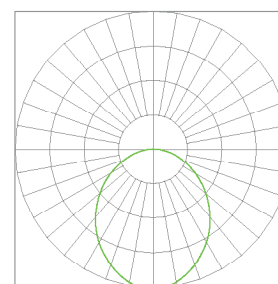
LLW4 48W (Typical performance @ 5000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	848.54	29.20
0-40	1360.44	46.80
0-60	2305.29	79.20
0-80	2811.15	96.60
0-90	2878.83	98.90
60-80	505.86	17.40
70-80	186.57	6.40
80-90	67.68	2.30
0-180	2909.69	100.00



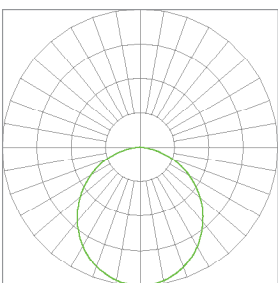
LLW4 PS24 (Typical performance @ 24W, 5000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	1554.65	27.90
0-40	2517.56	45.20
0-60	4355.33	78.10
0-80	5391.06	96.70
0-90	5524.97	99.10
60-80	1035.72	18.60
70-80	385.01	6.90
80-90	133.92	2.40
0-180	5575.14	100.00



LLW4 PS24 (Typical performance @ 24W, 5000K)

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	%FIXTURE
0-30	1554.65	27.90
0-40	2517.56	45.20
0-60	4355.33	78.10
0-80	5391.06	96.70
0-90	5524.97	99.10
60-80	1035.72	18.60
70-80	385.01	6.90
80-90	133.92	2.40
0-180	5575.14	100.00





UPK1 Series

FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

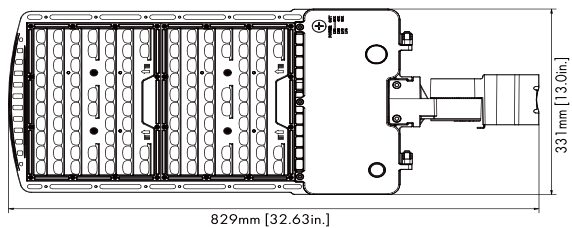
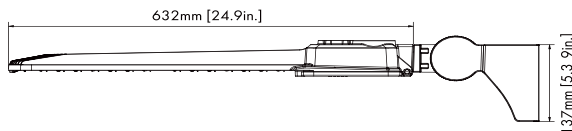
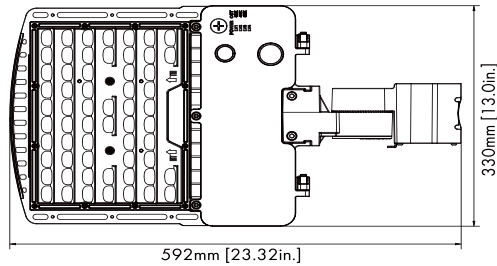
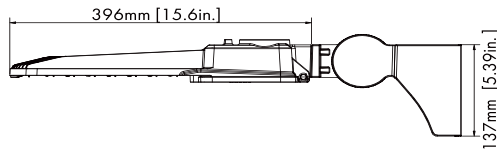


140W/180W



300W

Dimensions



Specification

Housing	Rugged die-cast aluminum housing
Lens	Precision acrylic lens
Distribution Type	Type II/III/IV/V
Color Temp	3CCT 3000K/4000K/5000K
CRI	70
Input Voltage	120-277V or 277-480V
Installation	Pole mount/wall mount, slipfitter mount trunnion mount/adjustable pole mount
Efficacy	Up to 167 lm/W
LED Lifespan	100,000 Hrs
Dimmable	1-10V Dimmable
Lumen Package	9,400 lm to 46,000 lm
Warranty	10 Years
Ambient Operation Temperature	-40°C (-40°F)~45°C (113°F)
Listing	DLC Premium UL Listed/Wet Location



Job Name:
NEW FIRE STATION 10

Catalog Number:
UPK1-UW3CCT-140W-4-AM03

Type:
P1

Notes:

NOL26-153375



UPK1 Series

FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Features

- 10KA(@120-277V) or 20KA(@347-480V) surge protection pre-installed.
- Long lasting, energy-efficient solution for the one-for-one replacement of existing metal halide lighting Low profile design, 3G vibration rated compact design minimizes wind load requirements
- Easy field wattage and color temperature adjustable
- Delivers from 9,600 lm to 46,000 lm and is ideal for replace up to 1000 W MH
- Single piece rugged die cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling
- Multiple mounting options: round pole/square pole, slipfitter, wall mount, trunnion mount and adjustable arm mount are available
- Optional accessories photocell and standard motion sensor/bluetooth motion sensor are available
- Optional glare shield for reduced pixilation and increased visual comfort
- Product of Cambodia and designated country end product that complies with the TAA

Ordering Guide Example: UPK1- UW3CCT - 300W-3-BK-AM

SKU	Wattage	Color Temp	Voltage	Wattage Options	Optical	Finish ¹	Mounting
UPK1	UW= Wattage selectable	3CCT= Color Temp adjustable 30/40/50K	Blank= 120-277V HV= 277-480V	140W = Max Wattage 140W 180W = Max Wattage 180W 300W = Max Wattage 300W	2= Type II 3= Type III 4= Type IV 5= Type V	Blank= Dark Bronze BK = Black WH = White	WM03 = Wall Mount AM03 = Arm mount SP03 = Slipfitter TM03 = Trunnion Mount JAM03= Adjustable Arm Mount fit in square or round pole.

Note: 1. Standard color finish is dark bronze. other color finish incur on additional cost,consult factory for the availability.

Optional accessories

Photocell	Motion Sensor	Glare Shield	Multi direction Arm Mount
PC (SKU:ALPC)= Twist lock photocell	MS01 (SKU:HD09VR-PIR) (Default)=12/24V Plug and play passive infrared motion sensor	GS-M (SKU: Glareshield-02-M)= Glare shield for 140W & 180W GS-L (SKU: Glareshield-02-L)= Glare shield for 300W & 400W	¹ UNVPK (SKU:UNVPK)= Multi direction arm mount adapter
HVPC (SKU:ALPC-HV)= Twist lock photocell for high voltage	MS02 (SKU:BL-ANT5-4T-MIC)= 12/24V Plug and play microwave motion sensor	FGS-M (SKU: Glareshield-02-M-FULL) = Full glare shield for 140W & 180W FGS-L (SKU: Glareshield-02-L-FULL)= Full glare shield for 300W & 400W	

Note: 1. UNVPK is only suitable for wall mount and arm mount.

UPK-BLS (SKU:UPK1-BLS) =Backlight control shield.



UPK1 Series

FIXTURE TYPE:

PROJECT NAME:

LOCATION:

DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Product Information

UPK1-140W-TYPE II

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
140W	II	20000lm	147 lm/W	23000lm	164 lm/W	21000lm	150 lm/W
120W	II	18000lm	150 lm/W	20000lm	167 lm/W	18500lm	154 lm/W
90W	II	13800lm	153 lm/W	15200lm	169 lm/W	14200lm	158 lm/W
60W	II	9400lm	157 lm/W	10300lm	172 lm/W	9700lm	162 lm/W

UPK1-140W-TYPE III

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
140W	III	20000lm	147 lm/W	23000lm	164 lm/W	21000lm	150 lm/W
120W	III	18000lm	150 lm/W	20000lm	167 lm/W	18500lm	154 lm/W
90W	III	13800lm	153 lm/W	15200lm	169 lm/W	14200lm	158 lm/W
60W	III	9400lm	157 lm/W	10300lm	172 lm/W	9700lm	162 lm/W

UPK1-140W-TYPE IV

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
140W	IV	20000lm	147 lm/W	23000lm	164 lm/W	21000lm	150 lm/W
120W	IV	18000lm	150 lm/W	20000lm	167 lm/W	18500lm	154 lm/W
90W	IV	13800lm	153 lm/W	15200lm	169 lm/W	14200lm	158 lm/W
60W	IV	9400lm	157 lm/W	10300lm	172 lm/W	9700lm	162 lm/W

UPK1-140W-TYPE V

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
140W	V	20000lm	150 lm/W	23500lm	168 lm/W	21500lm	150 lm/W
120W	V	18500lm	154 lm/W	20500lm	171 lm/W	19000lm	154 lm/W
90W	V	14000lm	156 lm/W	15600lm	172 lm/W	14500lm	158 lm/W
60W	V	9400lm	160 lm/W	10500lm	175 lm/W	10000lm	162 lm/W



Job Name:
NEW FIRE STATION 10

Catalog Number:
UPK1-UW3CCT-140W-4-AM03

Notes:

Type:

P1

NOL26-153375



UPK1 Series

FIXTURE TYPE: _____
PROJECT NAME: _____
LOCATION: _____
DATE: _____

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Product Information

UPK1-180W-TYPE II

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
180W	II	24800lm	138 lm/W	27000lm	150 lm/W	25200lm	140 lm/W
144W	II	20200lm	140 lm/W	22000lm	153 lm/W	20600lm	143 lm/W
108W	II	15300lm	142 lm/W	16800lm	156 lm/W	15700lm	145 lm/W
72W	II	10500lm	146 lm/W	11500lm	160 lm/W	10800lm	150 lm/W

UPK1-180W-TYPE III

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
180W	III	24800lm	138 lm/W	27000lm	150 lm/W	25200lm	140 lm/W
144W	III	20200lm	140 lm/W	22000lm	153 lm/W	20600lm	143 lm/W
108W	III	15300lm	142 lm/W	16800lm	156 lm/W	15700lm	145 lm/W
72W	III	10500lm	146 lm/W	11500lm	160 lm/W	10800lm	150 lm/W

UPK1-180W-TYPE IV

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
180W	IV	24800lm	138 lm/W	27000lm	150 lm/W	25200lm	140 lm/W
144W	IV	20200lm	140 lm/W	22000lm	153 lm/W	20600lm	143 lm/W
108W	IV	15300lm	142 lm/W	16800lm	156 lm/W	15700lm	145 lm/W
70W	IV	10500lm	146 lm/W	11500lm	160 lm/W	10800lm	150 lm/W

UPK1-180W-TYPE V

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
180W	V	25500lm	138 lm/W	28000lm	150 lm/W	26000lm	140 lm/W
144W	V	20800lm	140 lm/W	22800lm	153 lm/W	21000lm	143 lm/W
108W	V	15800lm	146 lm/W	17300lm	160 lm/W	16200lm	150 lm/W
72W	V	10800lm	150 lm/W	11800lm	164 lm/W	11000lm	153 lm/W



UPK1 Series

FIXTURE TYPE:

PROJECT NAME:

LOCATION:

DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Performance Data

UPK1-300W-TYPE II

WATTAGE	Dist.Type	3000K		4000K		5000K	
		LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
300W	II	41000lm	137 lm/W	45000lm	150 lm/W	42000lm	140 lm/W
240W	II	33600lm	140 lm/W	37000lm	154 lm/W	34500lm	144 lm/W
180W	II	26000lm	144 lm/W	28600lm	159 lm/W	26600lm	148 lm/W
120W	II	18000lm	150 lm/W	20000lm	167 lm/W	18500lm	154 lm/W

UPK1-300W-TYPE III

WATTAGE	Dist.Type	3000K		4000K		5000K	
		LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
300W	III	41000lm	137 lm/W	45000lm	150 lm/W	42000lm	140 lm/W
240W	III	33600lm	140 lm/W	37000lm	154 lm/W	34500lm	144 lm/W
180W	III	26000lm	144 lm/W	28600lm	159 lm/W	26600lm	148 lm/W
120W	III	18000lm	150 lm/W	20000lm	167 lm/W	18500lm	154 lm/W

UPK1-300W-TYPE IV

WATTAGE	Dist.Type	3000K		4000K		5000K	
		LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
300W	IV	41000lm	137 lm/W	45000lm	150 lm/W	42000lm	140 lm/W
240W	IV	33600lm	140 lm/W	37000lm	154 lm/W	34500lm	144 lm/W
180W	IV	26000lm	144 lm/W	28600lm	159 lm/W	26600lm	148 lm/W
120W	IV	18000lm	150 lm/W	20000lm	167 lm/W	18500lm	154 lm/W

UPK1-300W-TYPE V

WATTAGE	Dist.Type	3000K		4000K		5000K	
		LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
300W	V	42500lm	142 lm/W	46000lm	153 lm/W	42000lm	145 lm/W
240W	V	34500lm	144 lm/W	38000lm	158 lm/W	35500lm	148 lm/W
180W	V	26600lm	148 lm/W	29700lm	165 lm/W	27500lm	153 lm/W
120W	V	18500lm	154 lm/W	20800lm	173 lm/W	19000lm	158 lm/W



Job Name:
NEW FIRE STATION 10

Catalog Number:
UPK1-UW3CCT-140W-4-AM03

Notes:

Type:

P1

NOL26-153375



UPK1 Series

FIXTURE TYPE:
PROJECT NAME:
LOCATION:
DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

EPA OF AREA LIGHT

Item							
	1	2 @90°	2 @120°	2 @180°	3 @90°	3 @120°	4 @90°
140W/180W	0.3632	0.6849	0.8861	0.7264	1.0481	1.2078	1.0481
300W	0.4758	0.8091	1.059	0.9516	1.2849	1.3923	1.2849

BUG

WATTAGE	Dist.Type	B	U	G
140W	II	3	0	3
180W	II	4	0	3
300W	II	5	0	4

WATTAGE	Dist.Type	B	U	G
140W	III	3	0	3
120W	III	3	0	3
90W	III	4	0	4

WATTAGE	Dist.Type	B	U	G
140W	IV	3	0	3
120W	IV	3	0	3
90W	IV	4	0	4

WATTAGE	Dist.Type	B	U	G
140W	V	4	0	2
120W	V	4	0	2
90W	V	5	0	4



Job Name:
NEW FIRE STATION 10

Catalog Number:
UPK1-UW3CCT-140W-4-AM03

Notes:

Type:
P1

NOL26-153375



UPK1 Series

FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

ELECTRICAL DATA

Number Of Drivers	Drivers Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)	
1	850	100	120	0.83	
		100	208	0.48	
		100	240	0.42	
		100	277	0.36	
	2520	100	347	0.29	
		100	480	0.21	
1	1200	140	120	1.17	
		140	208	0.67	
		140	240	0.58	
		140	277	0.51	
		140	347	0.40	
		140	480	0.29	
1	960	180	120	1.50	
		180	208	0.87	
		180	240	0.75	
		180	277	0.65	
		180	347	0.52	
		180	480	0.38	
1	1200	250	120	2.08	
		250	208	1.20	
		250	240	1.04	
		250	277	0.90	
		250	347	0.72	
		250	480	0.52	
1	1500	300	120	2.50	
		300	208	1.44	
		300	240	1.25	
		300	277	1.08	
		300	347	0.86	
		300	480	0.63	
1	1460	400	120	3.33	
		400	208	1.92	
		400	240	1.67	
		400	277	1.44	
		400	347	1.15	
		400	480	0.83	

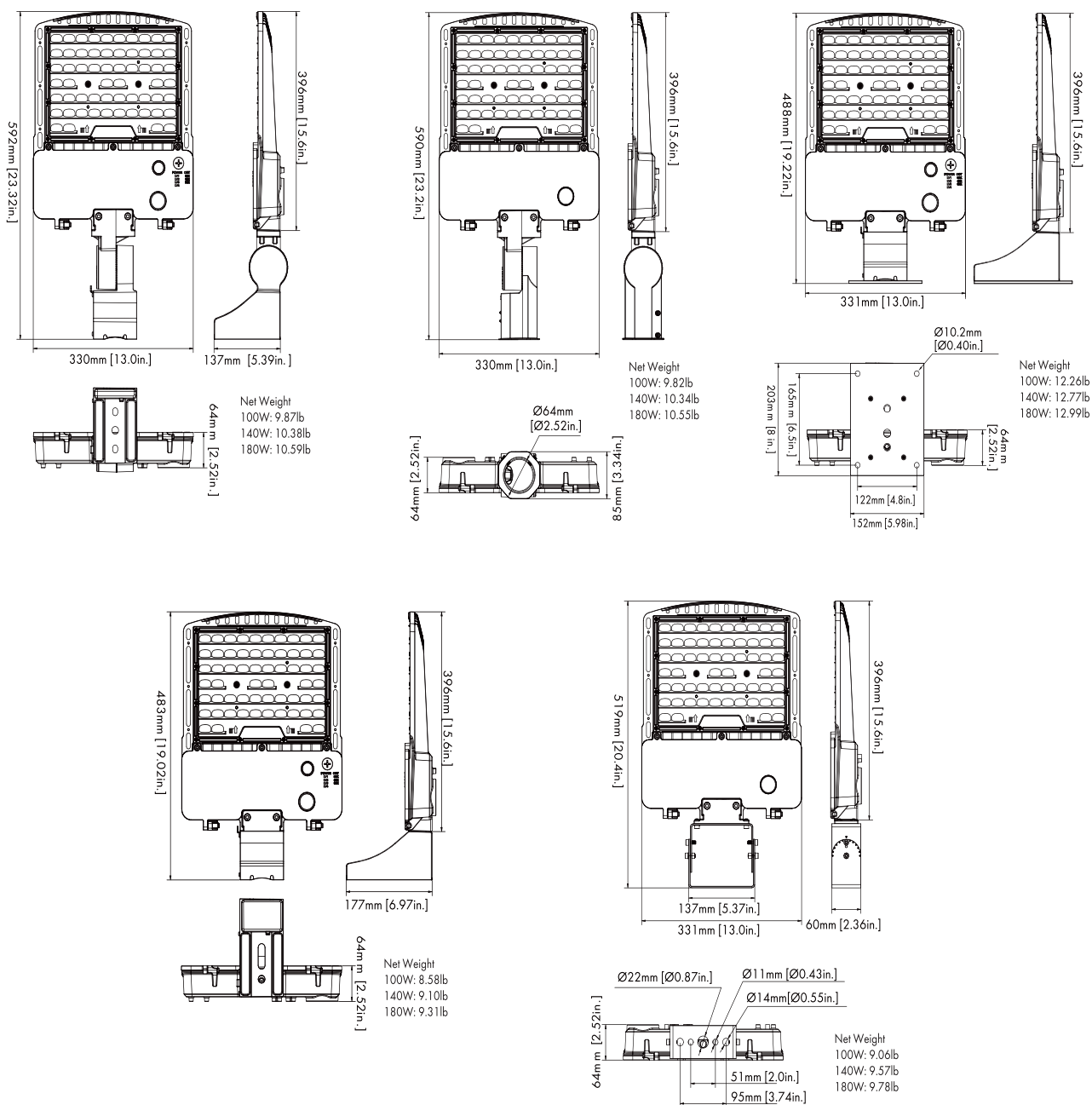


UPK1 Series

FIXTURE TYPE: _____
 PROJECT NAME: _____
 LOCATION: _____
 DATE: _____

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Dimensions





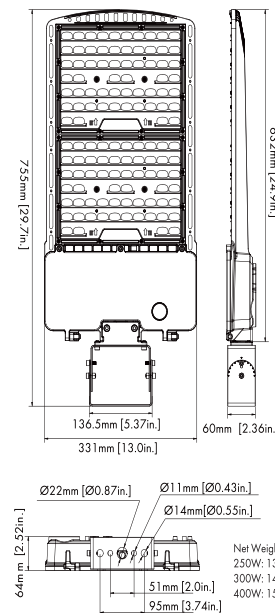
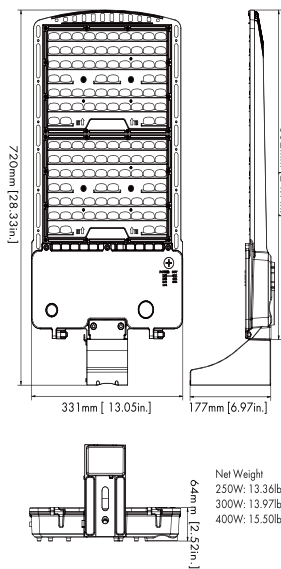
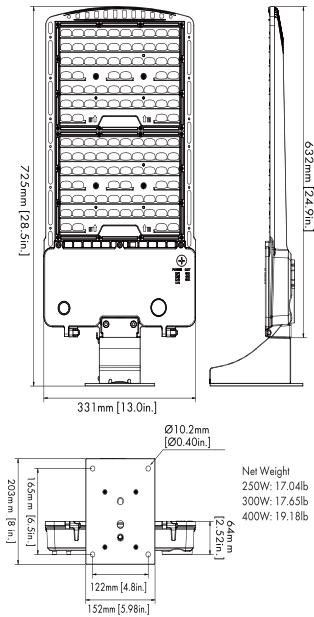
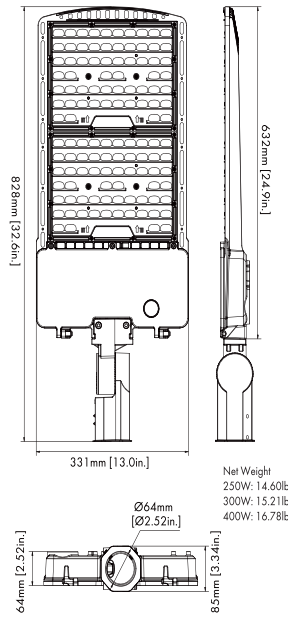
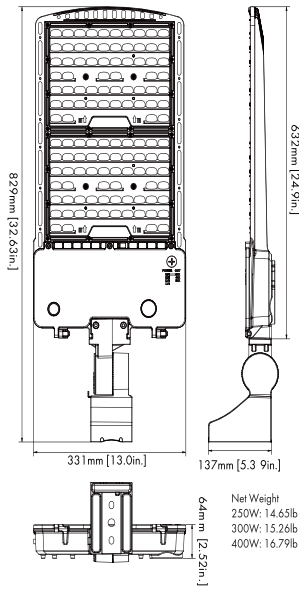
UPK1 Series

FIXTURE TYPE:
PROJECT NAME:
LOCATION:
DATE:

Blank form for fixture type, project name, location, and date.

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Dimensions





UPK1 Series

 FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

EPA OF AREA LIGHT



Standart Voltage 120-277V or 347-480V Photocell
 - SKU: ALPC/ALPC-HV
 - Twist lock photocell



Bluetooth mesh network PIR Plug and Play Motion Sensor
 - SKU: SILVAIR01
 - PIR plug and play motion sensor
 - Bluetooth control work with Silvair app on IOS and Android.



Infrared plug and play motion sensor 12/24V (Standard)
 - SKU: HD09VR-PIR
 - Passive Infrared plug and play motion sensor
 - Suitable for 120-277V and 347-480V fixtures



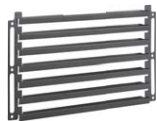
Microwave plug and play motion sensor 12/24V
 - SKU: BL-ANT5-4T-MIC
 - Microwave motion sensor
 - Suitable for 120-277V and 347-480V fixtures



Glare Shield
 - SKU: Glareshield-APK-M/Glareshield-APK-L



Full Glare Shield
 - SKU: Glareshield-APK-M-FULL/Glareshield-APK-L-FULL



Back Light Control Shield
 - SKU: UPK1-BLS



Multi Direction Mount (For wall mount & arm mount use only)
 - SKU: UNVPK
 - Adjustable universal mount allow custom the beam direction.

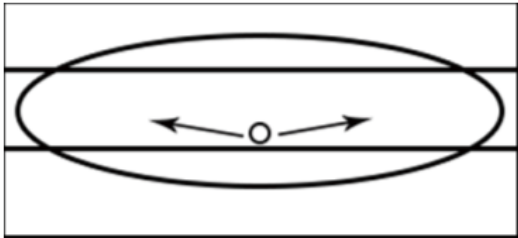


UPK1 Series

FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Distribution Type



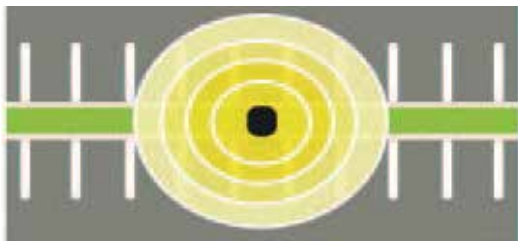
Type2 - Optics is typically used for narrow roadways, and any driving area where a narrow longitudinal throw is required.



Type3 - Optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back to back configuration, it creates a rectangular pattern which can extend pole spacing.



Type4 - Suitable for applications where light is primarily required forward with minimal back light. Typical installations include perimeter poles.



Type5 - Optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire.



Job Name:
NEW FIRE STATION 10

Catalog Number:
UPK1-UW3CCT-140W-4-AM03

Notes:

Type:
P1

NOL26-153375



UPK1 Series

FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Mounting Options



Arm Mount
 (4" and 5" Square and Round poles)
 Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.



Slipfitter Mount
 An optional cast aluminum mast arm adapter secures fixture head to nominal 2-3/8" O.D. Horizontal steel tenon arm.



Wall Mount
 Wall Mount is easy to install for direct wall mounting with 1/2" conduit wiring or standard J-box mounting



Yoke Mount
 Die-cast aluminum trunnion is easily adapted to many surfaces and allows easy fixture aiming angles.



Adjustable Arm Mount
 (4" and 5" Square and Round poles)
 Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.

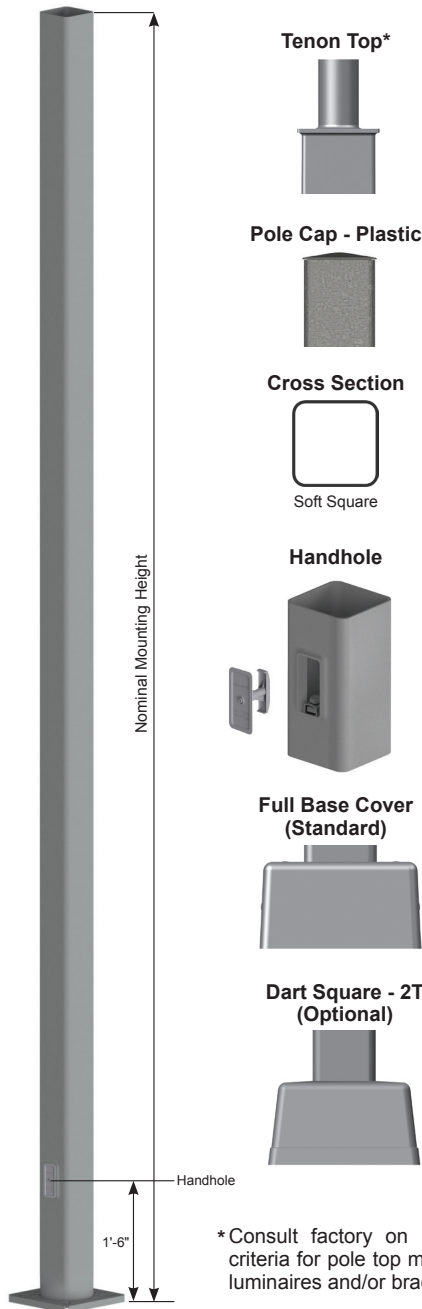




DS330
Fatigue Resistant
Soft Square Steel Post

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: DS330 _____ Quote: _____	Customer Approval: _____ Date: _____

SPECIFICATIONS



Pole Shaft - The pole shaft is fabricated from hot rolled welded steel tubing of one-piece construction with a minimum yield strength of 55 KSI.

Pole Top - A removable pole cap is provided for poles receiving drilling patterns for side-mount luminaire arm assemblies. For top mount luminaire and/or bracket consult the factory. Consult the luminaire manufacturer for correct tenon size or drill pattern. Other pole top options include pole cap only (PC) or plain top (PL) which is typical when the pole top diameter matches the necessary slip fit dimensions.

Handhole - A reinforced handhole with grounding provision is provided at 1'-6" from the base end of the pole assembly. Each handhole includes an easy to install, self-contained Swing Latch handhole cover assembly. U.S. Patent Swing Latch cover is fabricated from durable polycarbonate/ABS blend plastic. All pole assemblies are provided with a 2.50" x 5.00" rectangular handhole. Handhole dimensions are nominal.

Base Cover - A two-piece full base cover fabricated from ABS plastic is provided with each pole assembly. Additional base cover options, including the dart square (2T) cast aluminum cover, are available upon request.

Anchor Bolts - Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end.

Hardware - All structural fasteners are galvanized high strength carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

Finish - Standard finishes are either Galvanized (GV) or Finish Painted (FP). Additional finish options including Finish Paint over Galvanizing (FPGV) or any of the V-PRO™ Finish Coating Systems are available upon request. See the product ordering code for color options.

Design Criteria - Please reference Design Criteria Specification for appropriate design conditions.

* Consult factory on loading criteria for pole top mounted luminaires and/or brackets.



Job Name:
NEW FIRE STATION 10

Catalog Number:
DS330-400Q200-D1-FP-DB-FBC-AB

Type:
P1 pole

Notes:

NOL26-153375

DS330

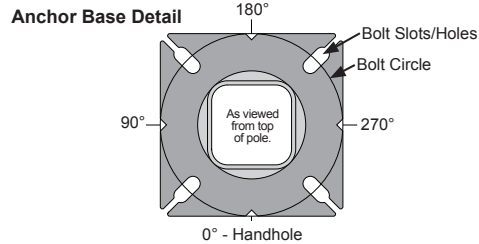
Fatigue Resistant Soft Square Steel Post



Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: DS330 Quote: _____	Customer Approval: _____ Date: _____

ANCHORAGE DATA

POLE BASE SQUARE (IN)	WALL THK (GA)	BOLT CIRCLE		BASE PLATE		ANCHOR BOLTS			
		DIA (IN)	± (IN)	SQUARE (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)	
4.00	11	8.50	0.50	8.25	0.750	0.75 x 17.00 x 3.00	3.50	0.25	
4.00	7	8.50	0.50	8.25	0.875	0.75 x 17.00 x 3.00	3.63	0.25	
5.00	11	11.00	1.00	11.00	1.000	0.75 x 17.00 x 3.00	3.75	0.25	
5.00	7	11.00	1.00	11.00	1.000	0.75 x 17.00 x 3.00	3.75	0.25	
6.00	7	12.00	1.00	12.50	1.000	1.00 x 36.00 x 4.00	4.25	0.25	



DESIGNATION, LOAD AND DIMENSIONAL DATA

NOMINAL MOUNTING HEIGHT	DESIGN INFORMATION						POLE DIMENSIONS ³				DESIGNATION
	80 MPH w/1.3 GUST		90 MPH w/1.3 GUST		100 MPH w/1.3 GUST		SHAFT BASE SQUARE ² (IN)	SHAFT TOP SQUARE (IN)	WALL THK (GA)	STRUCTURE WEIGHT ² (LBS)	
	MAX EPA ¹ (SQFT)	MAX WEIGHT ¹ (LBS)	MAX EPA ¹ (SQFT)	MAX WEIGHT ¹ (LBS)	MAX EPA ¹ (SQFT)	MAX WEIGHT ¹ (LBS)					
10'-0"	30.6	765	23.8	595	18.9	473	4.00	4.00	11	75	400Q100
12'-0"	24.4	610	18.8	470	14.8	370	4.00	4.00	11	90	400Q120
14'-0"	19.9	498	15.1	378	11.7	293	4.00	4.00	11	100	400Q140
16'-0"	15.9	398	11.8	295	8.9	223	4.00	4.00	11	115	400Q160
18'-0"	12.6	315	9.2	230	6.7	168	4.00	4.00	11	125	400Q180
20'-0"	9.6	240	6.7	167	4.5	150	4.00	4.00	11	140	400Q200
	17.7	443	12.7	343	9.4	235	5.00	5.00	11	185	500Q200
	28.1	703	21.4	535	16.2	405	5.00	5.00	7	265	500W200
25'-0"	4.8	150	2.6	100	1.0	50	4.00	4.00	11	170	400Q250
	10.8	270	7.7	188	5.4	135	4.00	4.00	7	245	400W250
	9.8	245	6.3	157	3.7	150	5.00	5.00	11	225	500Q250
	18.5	463	13.3	333	9.5	238	5.00	5.00	7	360	500W250
30'-0"	6.7	168	4.4	110	2.6	65	4.00	4.00	7	291	400W300
	4.7	150	2.0	50	N/A	N/A	5.00	5.00	11	265	500Q300
	10.7	267	6.7	167	3.9	100	5.00	5.00	7	380	500W300
35'-0"	19.0	475	13.2	330	9.0	225	6.00	6.00	7	520	600W300
	5.9	150	2.5	100	N/A	N/A	5.00	5.00	7	440	500W350
	12.4	310	7.6	190	4.2	105	6.00	6.00	7	540	600W350
40'-0"	7.2	180	3.0	75	N/A	N/A	6.00	6.00	7	605	600W400

- Maximum EPA (Effective Projected Area) and weight values are based on side mounted fixtures only. Consult factory on loading criteria for pole top mounted luminaires and/or brackets. Variations from sizes above are available upon inquiry at the factory. Satisfactory performance of poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.
- Structure weight is a nominal value which includes the pole shaft and base plate only.
- Belled-bottom will have reduced thickness due to the cold-working process. However, the belled-bottom meets or exceeds the structural capacity of the original square section. In addition, the rounded section provides better fatigue resistance.

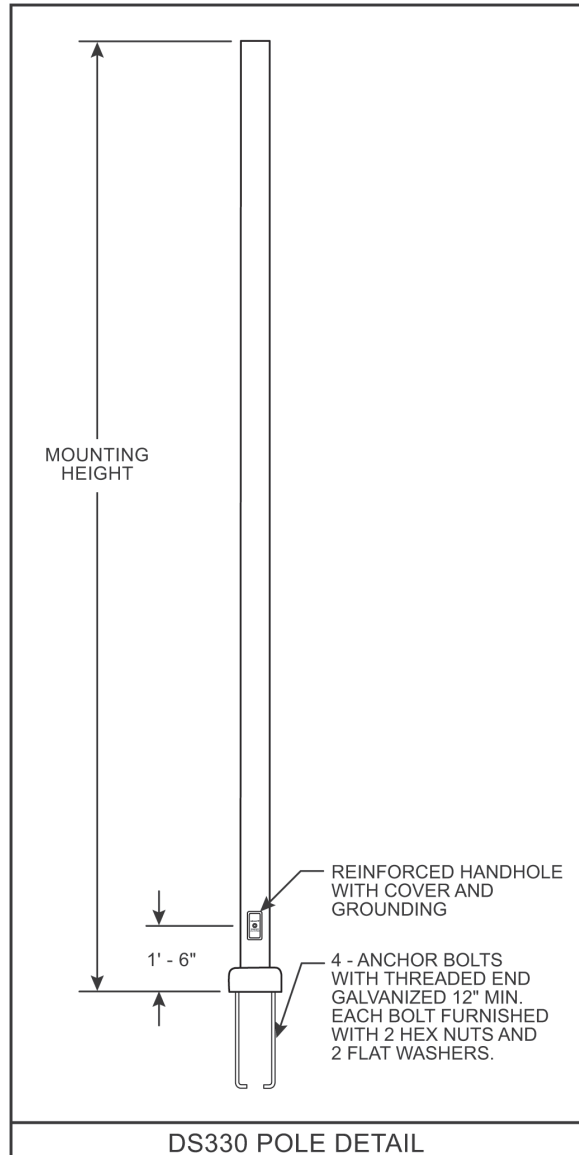
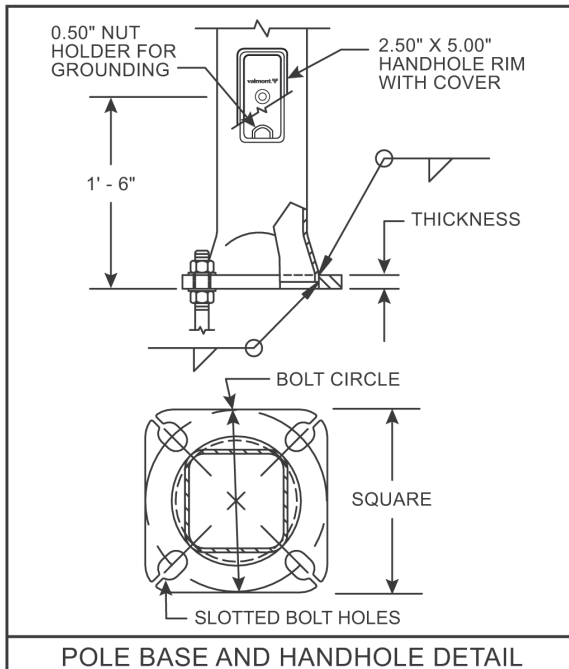
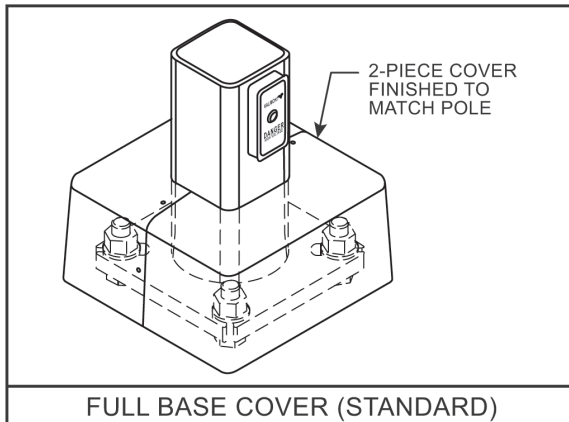
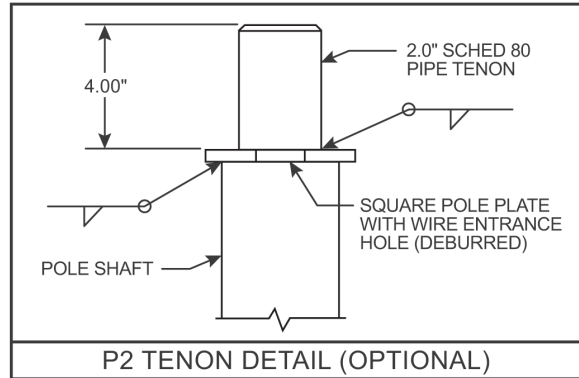
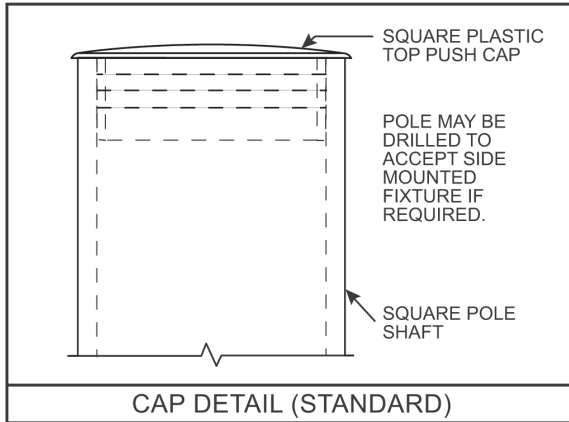
PRODUCT ORDERING CODES

MODEL	DESIGNATION	FIXTURE MOUNTING	FINISH SYSTEM	STANDARD COLOR OPTIONS	BASE COVER	ANCHOR BOLTS	SUPPLEMENTAL INFO
DS330	Select Correct Designation from the Load and Dimensional Data Chart.	Drill Mounting (See Orientation) D1 = (1) Drilling @ 270° D2 = (2) Drillings @ 90° & 270° D4 = (4) Drillings @ 0°, 90°, 180°, & 270° D5 = (2) Drillings @ 180° & 270° D6 = (3) Drillings @ 90°, 180°, & 270° Tenon Mounting P2 = 2.38" OD x 4" tenon P4 = 4.00" OD x 6" tenon P5 = 2.88" OD x 4" tenon P6 = 2.88" OD x 5" tenon P7 = 2.38" OD x 5" tenon P9 = Special Size (Specify) Other Options PC = Pole Cap PL = Plain Top (No Cap)	GV = Galvanized FP = Finish Painted -----OPTIONAL----- FPGV = Finish Paint over Galvanizing VP30 = V-PRO™ 30 System VP32 = V-PRO™ 32 System VP53 = V-PRO™ 53 System VP54 = V-PRO™ 54 System VP57 = V-PRO™ 57 System VP100 = V-PRO™ 100 System VP105 = V-PRO™ 105 System	GV = Galvanized BK = Black DB = Dark Bronze MB = Medium Bronze WH = White LG = Light Gray CB = Bronze DG = Dark Green ST = Sandstone HTG = Hunter Green SG = Slate Gray SL = Silver SC = Special Color (Specify)	FBC = Full Base Cover -----OPTIONAL----- 2T = Square Dart Cover	AB = With Anchor Bolts LAB = Without Anchor Bolts	

SPC7207 12/17 valmontstructures.com carries the most current spec information and supersedes these guidelines.



DS330 - Fatigue Resistant Square Non-Tapered Steel Pole



Submitted by Curtis Stout, Inc.



CURTIS STOUT

Job Name:
NEW FIRE STATION 10

Catalog Number:
DS330-400Q200-D1-FP-DB-FBC-AB

Notes:

Type:
P1pole

NOL26-153375

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UPK1 Series

FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

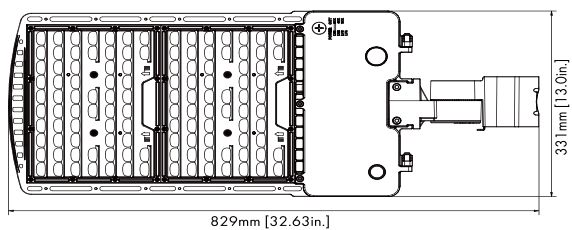
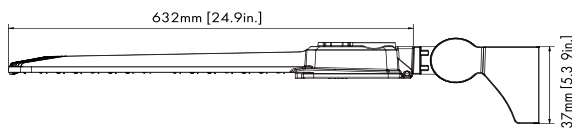
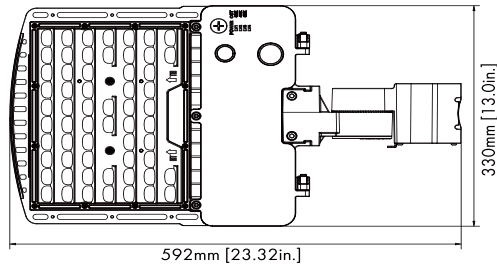
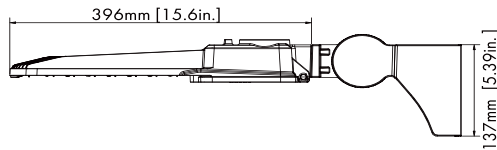


140W/180W



300W

Dimensions



Specification

Housing	Rugged die-cast aluminum housing
Lens	Precision acrylic lens
Distribution Type	Type II/III/IV/V
Color Temp	3CCT 3000K/4000K/5000K
CRI	70
Input Voltage	120-277V or 277-480V
Installation	Pole mount/wall mount, slipfitter mount trunnion mount/adjustable pole mount
Efficacy	Up to 167 lm/W
LED Lifespan	100,000 Hrs
Dimmable	1-10V Dimmable
Lumen Package	9,400 lm to 46,000 lm
Warranty	10 Years
Ambient Operation Temperature	-40°C (-40°F)~45°C (113°F)
Listing	DLC Premium UL Listed/Wet Location



Job Name:
NEW FIRE STATION 10

Catalog Number:
UPK1-UW3CCT-140W-3-AM03

Notes:

Type:

P2

NOL26-153375



UPK1 Series

FIXTURE TYPE:
PROJECT NAME:
LOCATION:
DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Features

- 10KA(@120-277V) or 20KA(@347-480V) surge protection pre-installed.
- Long lasting, energy-efficient solution for the one-for-one replacement of existing metal halide lighting Low profile design, 3G vibration rated compact design minimizes wind load requirements
- Easy field wattage and color temperature adjustable
- Delivers from 9,600 lm to 46,000 lm and is ideal for replace up to 1000 W MH
- Single piece rugged die cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling
- Multiple mounting options: round pole/square pole, slipfitter, wall mount, trunnion mount and adjustable arm mount are available
- Optional accessories photocell and standard motion sensor/bluetooth motion sensor are available
- Optional glare shield for reduced pixilation and increased visual comfort
- Product of Cambodia and designated country end product that complies with the TAA

Ordering Guide Example: UPK1- UW3CCT - 300W-3-BK-AM

SKU	Wattage	Color Temp	Voltage	Wattage Options	Optical	Finish ¹	Mounting
UPK1	UW= Wattage selectable	3CCT= Color Temp adjustable 30/40/50K	Blank= 120-277V HV= 277-480V	140W = Max Wattage 140W 180W = Max Wattage 180W 300W = Max Wattage 300W	2= Type II 3= Type III 4= Type IV 5= Type V	Blank= Dark Bronze BK = Black WH = White	WM03 = Wall Mount AM03 = Arm mount SP03 = Slipfitter TM03 = Trunnion Mount JAM03= Adjustable Arm Mount fit in square or round pole.

Note: 1. Standard color finish is dark bronze. other color finish incur on additional cost,consult factory for the availability.

Optional accessories

Photocell	Motion Sensor	Glare Shield	Multi direction Arm Mount
PC (SKU:ALPC)= Twist lock photocell	MS01 (SKU:HD09VR-PIR) (Default)=12/24V Plug and play passive infrared motion sensor	GS-M (SKU: Glareshield-02-M)= Glare shield for 140W & 180W GS-L (SKU: Glareshield-02-L)= Glare shield for 300W & 400W	¹ UNVPK (SKU:UNVPK)= Multi direction arm mount adapter
HVPC (SKU:ALPC-HV)= Twist lock photocell for high voltage	MS02 (SKU:BL-ANT5-4T-MIC)= 12/24V Plug and play microwave motion sensor	FGS-M (SKU: Glareshield-02-M-FULL) = Full glare shield for 140W & 180W FGS-L (SKU: Glareshield-02-L-FULL)= Full glare shield for 300W & 400W	
Note: 1. UNVPK is only suitable for wall mount and arm mount.		UPK-BLS (SKU:UPK1-BLS) =Backlight control shield.	



UPK1 Series

FIXTURE TYPE:

PROJECT NAME:

LOCATION:

DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Product Information

UPK1-140W-TYPE II

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
140W	II	20000lm	147 lm/W	23000lm	164 lm/W	21000lm	150 lm/W
120W	II	18000lm	150 lm/W	20000lm	167 lm/W	18500lm	154 lm/W
90W	II	13800lm	153 lm/W	15200lm	169 lm/W	14200lm	158 lm/W
60W	II	9400lm	157 lm/W	10300lm	172 lm/W	9700lm	162 lm/W

UPK1-140W-TYPE III

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
140W	III	20000lm	147 lm/W	23000lm	164 lm/W	21000lm	150 lm/W
120W	III	18000lm	150 lm/W	20000lm	167 lm/W	18500lm	154 lm/W
90W	III	13800lm	153 lm/W	15200lm	169 lm/W	14200lm	158 lm/W
60W	III	9400lm	157 lm/W	10300lm	172 lm/W	9700lm	162 lm/W

UPK1-140W-TYPE IV

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
140W	IV	20000lm	147 lm/W	23000lm	164 lm/W	21000lm	150 lm/W
120W	IV	18000lm	150 lm/W	20000lm	167 lm/W	18500lm	154 lm/W
90W	IV	13800lm	153 lm/W	15200lm	169 lm/W	14200lm	158 lm/W
60W	IV	9400lm	157 lm/W	10300lm	172 lm/W	9700lm	162 lm/W

UPK1-140W-TYPE V

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
140W	V	20000lm	150 lm/W	23500lm	168 lm/W	21500lm	150 lm/W
120W	V	18500lm	154 lm/W	20500lm	171 lm/W	19000lm	154 lm/W
90W	V	14000lm	156 lm/W	15600lm	172 lm/W	14500lm	158 lm/W
60W	V	9400lm	160 lm/W	10500lm	175 lm/W	10000lm	162 lm/W



Job Name:
NEW FIRE STATION 10

Catalog Number:
UPK1-UW3CCT-140W-3-AM03

Notes:

Type:

P2

NOL26-153375



UPK1 Series

FIXTURE TYPE: _____
PROJECT NAME: _____
LOCATION: _____
DATE: _____

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Product Information

UPK1-180W-TYPE II

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
180W	II	24800lm	138 lm/W	27000lm	150 lm/W	25200lm	140 lm/W
144W	II	20200lm	140 lm/W	22000lm	153 lm/W	20600lm	143 lm/W
108W	II	15300lm	142 lm/W	16800lm	156 lm/W	15700lm	145 lm/W
72W	II	10500lm	146 lm/W	11500lm	160 lm/W	10800lm	150 lm/W

UPK1-180W-TYPE III

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
180W	III	24800lm	138 lm/W	27000lm	150 lm/W	25200lm	140 lm/W
144W	III	20200lm	140 lm/W	22000lm	153 lm/W	20600lm	143 lm/W
108W	III	15300lm	142 lm/W	16800lm	156 lm/W	15700lm	145 lm/W
72W	III	10500lm	146 lm/W	11500lm	160 lm/W	10800lm	150 lm/W

UPK1-180W-TYPE IV

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
180W	IV	24800lm	138 lm/W	27000lm	150 lm/W	25200lm	140 lm/W
144W	IV	20200lm	140 lm/W	22000lm	153 lm/W	20600lm	143 lm/W
108W	IV	15300lm	142 lm/W	16800lm	156 lm/W	15700lm	145 lm/W
70W	IV	10500lm	146 lm/W	11500lm	160 lm/W	10800lm	150 lm/W

UPK1-180W-TYPE V

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
180W	V	25500lm	138 lm/W	28000lm	150 lm/W	26000lm	140 lm/W
144W	V	20800lm	140 lm/W	22800lm	153 lm/W	21000lm	143 lm/W
108W	V	15800lm	146 lm/W	17300lm	160 lm/W	16200lm	150 lm/W
72W	V	10800lm	150 lm/W	11800lm	164 lm/W	11000lm	153 lm/W



Job Name:
NEW FIRE STATION 10

Catalog Number:
UPK1-UW3CCT-140W-3-AM03

Notes:

Type:

P2

NOL26-153375



UPK1 Series

FIXTURE TYPE:

PROJECT NAME:

LOCATION:

DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Performance Data

UPK1-300W-TYPE II

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
300W	II	41000lm	137 lm/W	45000lm	150 lm/W	42000lm	140 lm/W
240W	II	33600lm	140 lm/W	37000lm	154 lm/W	34500lm	144 lm/W
180W	II	26000lm	144 lm/W	28600lm	159 lm/W	26600lm	148 lm/W
120W	II	18000lm	150 lm/W	20000lm	167 lm/W	18500lm	154 lm/W

UPK1-300W-TYPE III

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
300W	III	41000lm	137 lm/W	45000lm	150 lm/W	42000lm	140 lm/W
240W	III	33600lm	140 lm/W	37000lm	154 lm/W	34500lm	144 lm/W
180W	III	26000lm	144 lm/W	28600lm	159 lm/W	26600lm	148 lm/W
120W	III	18000lm	150 lm/W	20000lm	167 lm/W	18500lm	154 lm/W

UPK1-300W-TYPE IV

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
300W	IV	41000lm	137 lm/W	45000lm	150 lm/W	42000lm	140 lm/W
240W	IV	33600lm	140 lm/W	37000lm	154 lm/W	34500lm	144 lm/W
180W	IV	26000lm	144 lm/W	28600lm	159 lm/W	26600lm	148 lm/W
120W	IV	18000lm	150 lm/W	20000lm	167 lm/W	18500lm	154 lm/W

UPK1-300W-TYPE V

		3000K		4000K		5000K	
WATTAGE	Dist.Type	LUMEN	EFFICACY	LUMEN	EFFICACY	LUMEN	EFFICACY
300W	V	42500lm	142 lm/W	46000lm	153 lm/W	42000lm	145 lm/W
240W	V	34500lm	144 lm/W	38000lm	158 lm/W	35500lm	148 lm/W
180W	V	26600lm	148 lm/W	29700lm	165 lm/W	27500lm	153 lm/W
120W	V	18500lm	154 lm/W	20800lm	173 lm/W	19000lm	158 lm/W



UPK1 Series

FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

EPA OF AREA LIGHT

Item							
	1	2 @90°	2 @120°	2 @180°	3 @90°	3 @120°	4 @90°
140W/180W	0.3632	0.6849	0.8861	0.7264	1.0481	1.2078	1.0481
300W	0.4758	0.8091	1.059	0.9516	1.2849	1.3923	1.2849

BUG

WATTAGE	Dist.Type	B	U	G
140W	II	3	0	3
180W	II	4	0	3
300W	II	5	0	4

WATTAGE	Dist.Type	B	U	G
140W	III	3	0	3
120W	III	3	0	3
90W	III	4	0	4

WATTAGE	Dist.Type	B	U	G
140W	IV	3	0	3
120W	IV	3	0	3
90W	IV	4	0	4

WATTAGE	Dist.Type	B	U	G
140W	V	4	0	2
120W	V	4	0	2
90W	V	5	0	4



Job Name:
NEW FIRE STATION 10

Catalog Number:
UPK1-UW3CCT-140W-3-AM03

Notes:

Type:
P2

NOL26-153375



UPK1 Series

FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

ELECTRICAL DATA

Number Of Drivers	Drivers Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)	
1	850	100	120	0.83	
		100	208	0.48	
		100	240	0.42	
		100	277	0.36	
	2520	100	347	0.29	
		100	480	0.21	
1	1200	140	120	1.17	
		140	208	0.67	
		140	240	0.58	
		140	277	0.51	
		140	347	0.40	
		140	480	0.29	
1	960	180	120	1.50	
		180	208	0.87	
		180	240	0.75	
		180	277	0.65	
		180	347	0.52	
		180	480	0.38	
1	1200	250	120	2.08	
		250	208	1.20	
		250	240	1.04	
		250	277	0.90	
		250	347	0.72	
		250	480	0.52	
1	1500	300	120	2.50	
		300	208	1.44	
		300	240	1.25	
		300	277	1.08	
		300	347	0.86	
		300	480	0.63	
1	1460	400	120	3.33	
		400	208	1.92	
		400	240	1.67	
		400	277	1.44	
		400	347	1.15	
		400	480	0.83	

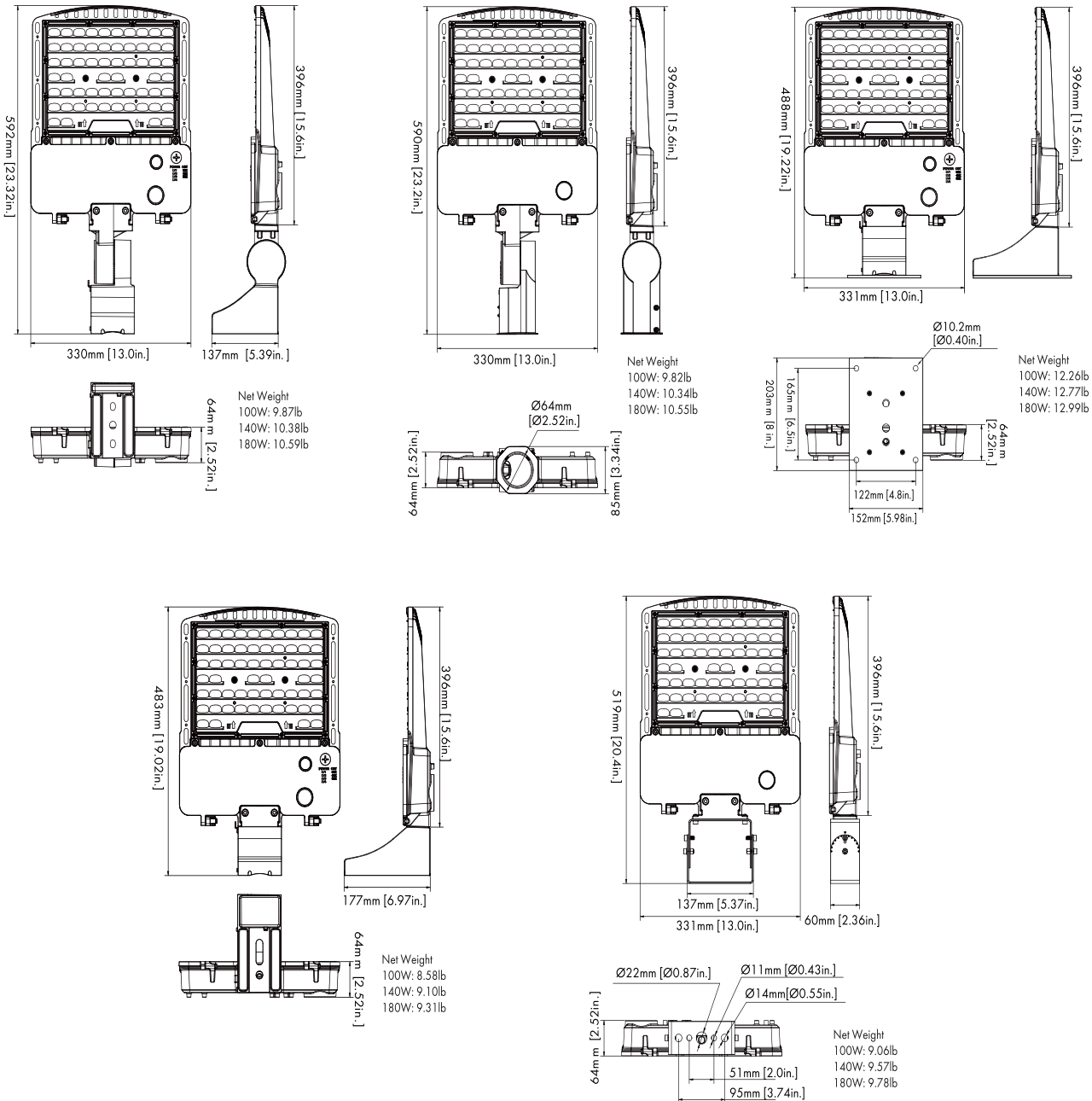


UPK1 Series

FIXTURE TYPE: _____
 PROJECT NAME: _____
 LOCATION: _____
 DATE: _____

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Dimensions





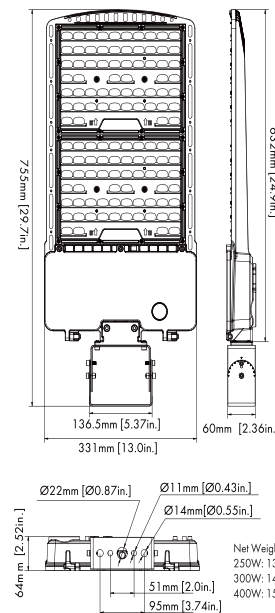
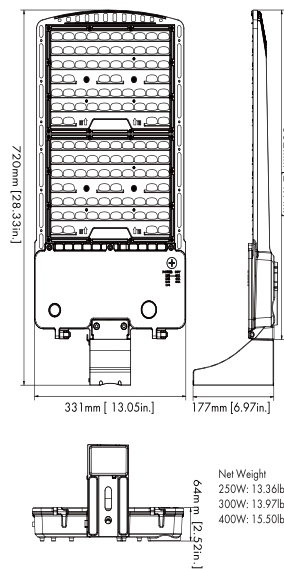
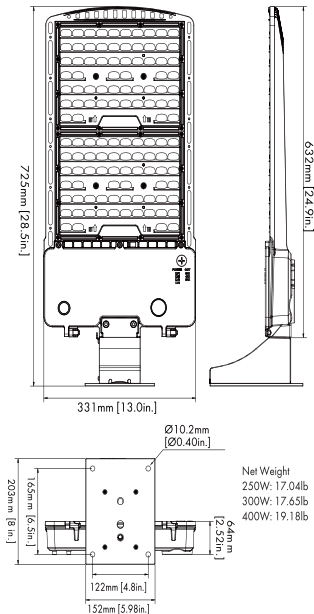
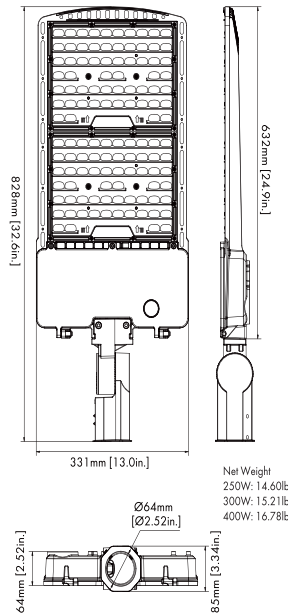
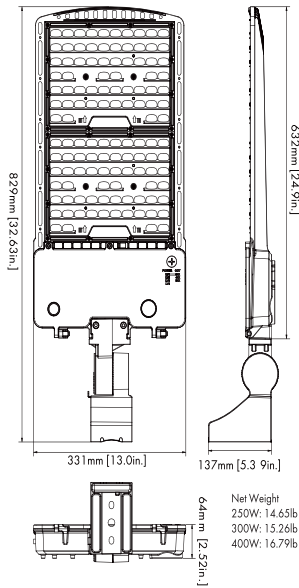
UPK1 Series

FIXTURE TYPE:
PROJECT NAME:
LOCATION:
DATE:

Blank form fields for fixture type, project name, location, and date.

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Dimensions





Job Name:
NEW FIRE STATION 10

Catalog Number:
UPK1-UW3CCT-140W-3-AM03

Notes:

Type:
P2

NOL26-153375



UPK1 Series

FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

EPA OF AREA LIGHT



Standart Voltage 120-277V or 347-480V Photocell
 - SKU: ALPC/ALPC-HV
 - Twist lock photocell



Bluetooth mesh network PIR Plug and Play Motion Sensor
 - SKU: SILVAIR01
 - PIR plug and play motion sensor
 - Bluetooth control work with Silvoir app on IOS and Android.



Infrared plug and play motion sensor 12/24V (Standard)
 - SKU: HD09VR-PIR
 - Passive Infrared plug and play motion sensor
 - Suitable for 120-277V and 347-480V fixtures



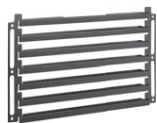
Microwave plug and play motion sensor 12/24V
 - SKU: BL-ANT5-4T-MIC
 - Microwave motion sensor
 - Suitable for 120-277V and 347-480V fixtures



Glare Shield
 - SKU: Glareshield-APK-M/Glareshield-APK-L



Full Glare Shield
 - SKU: Glareshield-APK-M-FULL/Glareshield-APK-L-FULL



Back Light Control Shield
 - SKU: UPK1-BLS



Multi Direction Mount (For wall mount & arm mount use only)
 - SKU: UNVPK
 - Adjustable universal mount allow custom the beam direction.



Job Name:
NEW FIRE STATION 10

Catalog Number:
UPK1-UW3CCT-140W-3-AM03

Notes:

Type:
P2

NOL26-153375

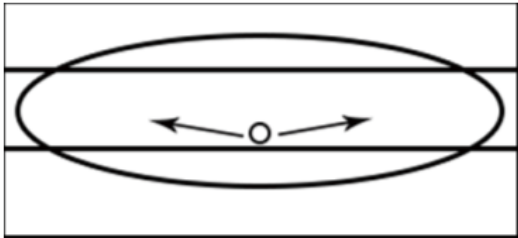


UPK1 Series

FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Distribution Type



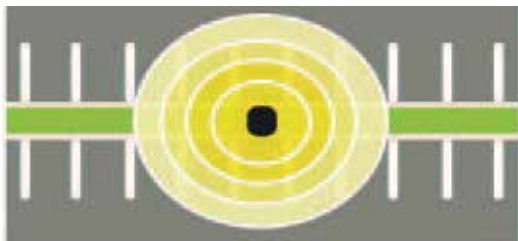
Type2 - Optics is typically used for narrow roadways, and any driving area where a narrow longitudinal throw is required.



Type3 - Optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back to back configuration, it creates a rectangular pattern which can extend pole spacing.



Type4 - Suitable for applications where light is primarily required forward with minimal back light. Typical installations include perimeter poles.



Type5 - Optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire.



Job Name:
NEW FIRE STATION 10

Catalog Number:
UPK1-UW3CCT-140W-3-AM03

Notes:

Type:
P2

NOL26-153375



UPK1 Series

FIXTURE TYPE:
 PROJECT NAME:
 LOCATION:
 DATE:

WATTAGE & CCT ADJUSTABLE AREA LIGHT

Mounting Options



Arm Mount
 (4" and 5" Square and Round poles)
 Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.



Slipfitter Mount
 An optional cast aluminum mast arm adapter secures fixture head to nominal 2-3/8" O.D. Horizontal steel tenon arm.



Wall Mount
 Wall Mount is easy to install for direct wall mounting with 1/2" conduit wiring or standard J-box mounting



Yoke Mount
 Die-cast aluminum trunnion is easily adapted to many surfaces and allows easy fixture aiming angles.



Adjustable Arm Mount
 (4" and 5" Square and Round poles)
 Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.

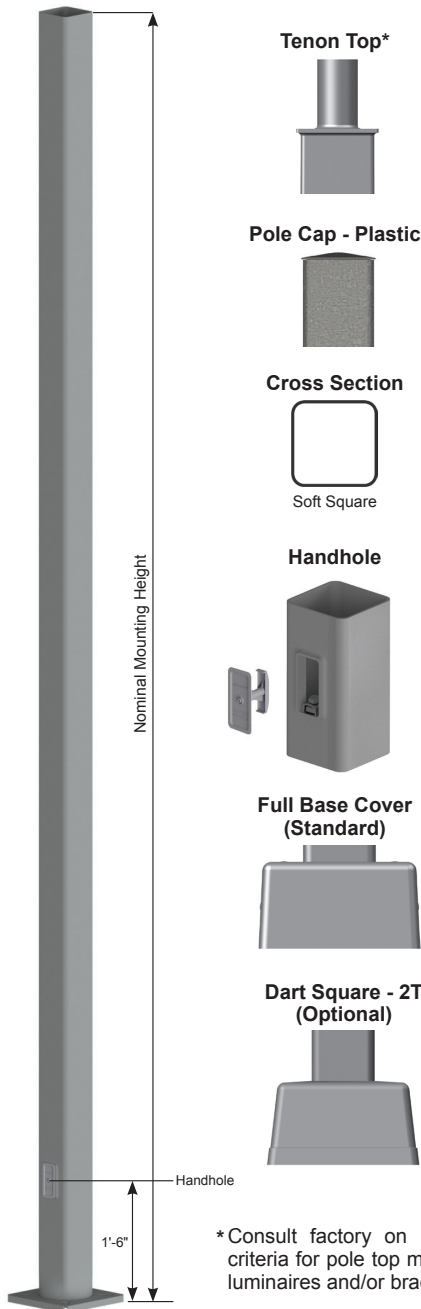




DS330
Fatigue Resistant
Soft Square Steel Post

Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: DS330 _____ Quote: _____	Customer Approval: _____ Date: _____

SPECIFICATIONS



Pole Shaft - The pole shaft is fabricated from hot rolled welded steel tubing of one-piece construction with a minimum yield strength of 55 KSI.

Pole Top - A removable pole cap is provided for poles receiving drilling patterns for side-mount luminaire arm assemblies. For top mount luminaire and/or bracket consult the factory. Consult the luminaire manufacturer for correct tenon size or drill pattern. Other pole top options include pole cap only (PC) or plain top (PL) which is typical when the pole top diameter matches the necessary slip fit dimensions.

Handhole - A reinforced handhole with grounding provision is provided at 1'-6" from the base end of the pole assembly. Each handhole includes an easy to install, self-contained Swing Latch handhole cover assembly. U.S. Patent Swing Latch cover is fabricated from durable polycarbonate/ABS blend plastic. All pole assemblies are provided with a 2.50" x 5.00" rectangular handhole. Handhole dimensions are nominal.

Base Cover - A two-piece full base cover fabricated from ABS plastic is provided with each pole assembly. Additional base cover options, including the dart square (2T) cast aluminum cover, are available upon request.

Anchor Bolts - Anchor bolts conform to ASTM F1554 Grade 55 and are provided with two hex nuts and two flat washers. Bolts have an "L" bend on one end and are galvanized a minimum of 12" on the threaded end.

Hardware - All structural fasteners are galvanized high strength carbon steel. All non-structural fasteners are galvanized or zinc-plated carbon steel or stainless steel.

Finish - Standard finishes are either Galvanized (GV) or Finish Painted (FP). Additional finish options including Finish Paint over Galvanizing (FPGV) or any of the V-PRO™ Finish Coating Systems are available upon request. See the product ordering code for color options.

Design Criteria - Please reference Design Criteria Specification for appropriate design conditions.

* Consult factory on loading criteria for pole top mounted luminaires and/or brackets.



Job Name:
NEW FIRE STATION 10

Catalog Number:
DS330-400Q200-D1-FP-DB-FBC-AB

Type:
P2pole

Notes:

NOL26-153375

DS330

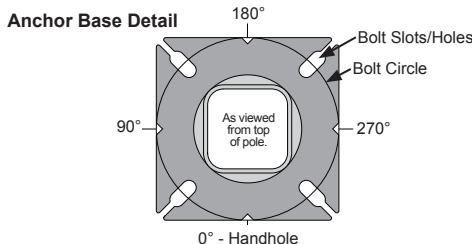
Fatigue Resistant Soft Square Steel Post



Job Name: _____	Client Name: _____
Job Location - City: _____ State: _____	Created By: _____ Date: _____
Product: DS330 Quote: _____	Customer Approval: _____ Date: _____

ANCHORAGE DATA

POLE BASE SQUARE (IN)	WALL THK (GA)	BOLT CIRCLE		BASE PLATE		ANCHOR BOLTS		
		DIA (IN)	± (IN)	SQUARE (IN)	THK (IN)	DIA x LENGTH x HOOK (IN)	PROJECTION (IN)	± (IN)
4.00	11	8.50	0.50	8.25	0.750	0.75 x 17.00 x 3.00	3.50	0.25
4.00	7	8.50	0.50	8.25	0.875	0.75 x 17.00 x 3.00	3.63	0.25
5.00	11	11.00	1.00	11.00	1.000	0.75 x 17.00 x 3.00	3.75	0.25
5.00	7	11.00	1.00	11.00	1.000	0.75 x 17.00 x 3.00	3.75	0.25
6.00	7	12.00	1.00	12.50	1.000	1.00 x 36.00 x 4.00	4.25	0.25



DESIGNATION, LOAD AND DIMENSIONAL DATA

NOMINAL MOUNTING HEIGHT	DESIGN INFORMATION						POLE DIMENSIONS ³				DESIGNATION
	80 MPH w/1.3 GUST		90 MPH w/1.3 GUST		100 MPH w/1.3 GUST		SHAFT BASE SQUARE ² (IN)	SHAFT TOP SQUARE (IN)	WALL THK (GA)	STRUCTURE WEIGHT ² (LBS)	
	MAX EPA ¹ (SQFT)	MAX WEIGHT ¹ (LBS)	MAX EPA ¹ (SQFT)	MAX WEIGHT ¹ (LBS)	MAX EPA ¹ (SQFT)	MAX WEIGHT ¹ (LBS)					
10'-0"	30.6	765	23.8	595	18.9	473	4.00	4.00	11	75	400Q100
12'-0"	24.4	610	18.8	470	14.8	370	4.00	4.00	11	90	400Q120
14'-0"	19.9	498	15.1	378	11.7	293	4.00	4.00	11	100	400Q140
16'-0"	15.9	398	11.8	295	8.9	223	4.00	4.00	11	115	400Q160
18'-0"	12.6	315	9.2	230	6.7	168	4.00	4.00	11	125	400Q180
20'-0"	9.6	240	6.7	167	4.5	150	4.00	4.00	11	140	400Q200
	17.7	443	12.7	343	9.4	235	5.00	5.00	11	185	500Q200
	28.1	703	21.4	535	16.2	405	5.00	5.00	7	265	500W200
25'-0"	4.8	150	2.6	100	1.0	50	4.00	4.00	11	170	400Q250
	10.8	270	7.7	188	5.4	135	4.00	4.00	7	245	400W250
	9.8	245	6.3	157	3.7	150	5.00	5.00	11	225	500Q250
	18.5	463	13.3	333	9.5	238	5.00	5.00	7	360	500W250
30'-0"	6.7	168	4.4	110	2.6	65	4.00	4.00	7	291	400W300
	4.7	150	2.0	50	N/A	N/A	5.00	5.00	11	265	500Q300
	10.7	267	6.7	167	3.9	100	5.00	5.00	7	380	500W300
35'-0"	19.0	475	13.2	330	9.0	225	6.00	6.00	7	520	600W300
	5.9	150	2.5	100	N/A	N/A	5.00	5.00	7	440	500W350
	12.4	310	7.6	190	4.2	105	6.00	6.00	7	540	600W350
40'-0"	7.2	180	3.0	75	N/A	N/A	6.00	6.00	7	605	600W400

- Maximum EPA (Effective Projected Area) and weight values are based on side mounted fixtures only. Consult factory on loading criteria for pole top mounted luminaires and/or brackets. Variations from sizes above are available upon inquiry at the factory. Satisfactory performance of poles is dependent upon the pole being properly attached to a supporting foundation of adequate design.
- Structure weight is a nominal value which includes the pole shaft and base plate only.
- Belled-bottom will have reduced thickness due to the cold-working process. However, the belled-bottom meets or exceeds the structural capacity of the original square section. In addition, the rounded section provides better fatigue resistance.

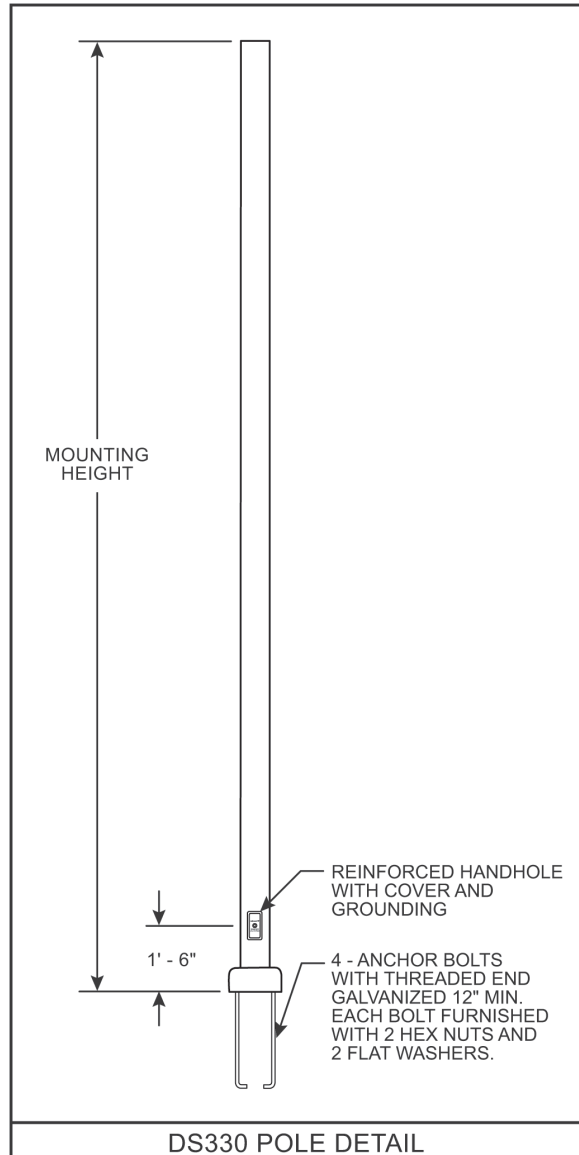
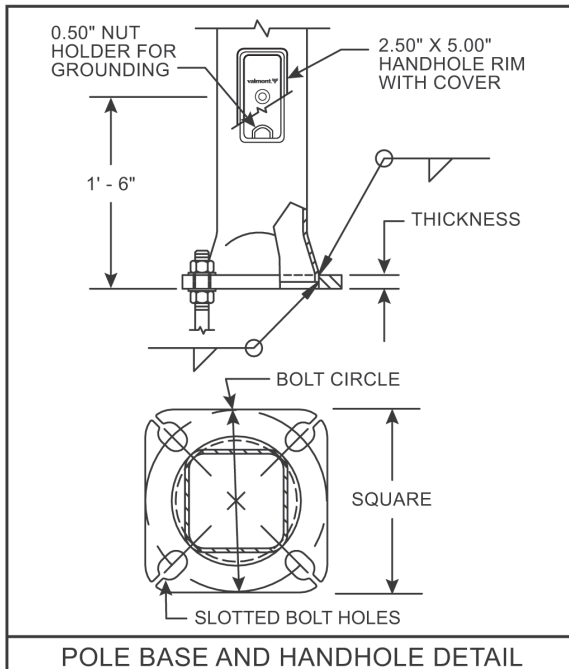
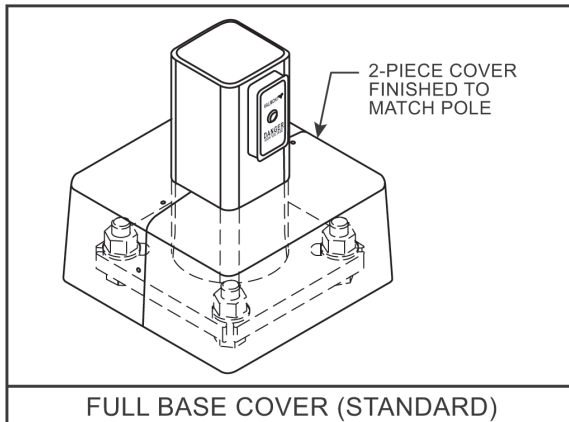
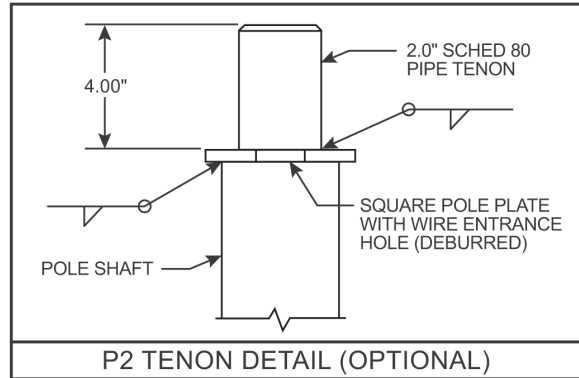
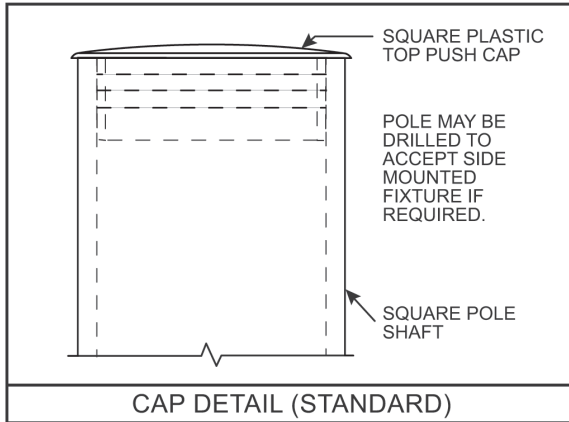
PRODUCT ORDERING CODES

MODEL	DESIGNATION	FIXTURE MOUNTING	FINISH SYSTEM	STANDARD COLOR OPTIONS	BASE COVER	ANCHOR BOLTS	SUPPLEMENTAL INFO
DS330	Select Correct Designation from the Load and Dimensional Data Chart.	Drill Mounting (See Orientation) D1 = (1) Drilling @ 270° D2 = (2) Drillings @ 90° & 270° D4 = (4) Drillings @ 0°, 90°, 180°, & 270° D5 = (2) Drillings @ 180° & 270° D6 = (3) Drillings @ 90°, 180°, & 270° Tenon Mounting P2 = 2.38" OD x 4" tenon P4 = 4.00" OD x 6" tenon P5 = 2.88" OD x 4" tenon P6 = 2.88" OD x 5" tenon P7 = 2.38" OD x 5" tenon P9 = Special Size (Specify) Other Options PC = Pole Cap PL = Plain Top (No Cap)	GV = Galvanized FP = Finish Painted -----OPTIONAL----- FPGV = Finish Paint over Galvanizing VP30 = V-PRO™ 30 System VP32 = V-PRO™ 32 System VP53 = V-PRO™ 53 System VP54 = V-PRO™ 54 System VP57 = V-PRO™ 57 System VP100 = V-PRO™ 100 System VP105 = V-PRO™ 105 System	GV = Galvanized BK = Black DB = Dark Bronze MB = Medium Bronze WH = White LG = Light Gray CB = Bronze DG = Dark Green ST = Sandstone HTG = Hunter Green SG = Slate Gray SL = Silver SC = Special Color (Specify)	FBC = Full Base Cover -----OPTIONAL----- 2T = Square Dart Cover	AB = With Anchor Bolts LAB = Without Anchor Bolts	

SPC7207 12/17 valmontstructures.com carries the most current spec information and supersedes these guidelines.



DS330 - Fatigue Resistant Square Non-Tapered Steel Pole



Submitted by Curtis Stout, Inc.



CURTIS STOUT

Job Name:
NEW FIRE STATION 10

Catalog Number:

DS330-400Q200-D1-FP-DB-FBC-AB

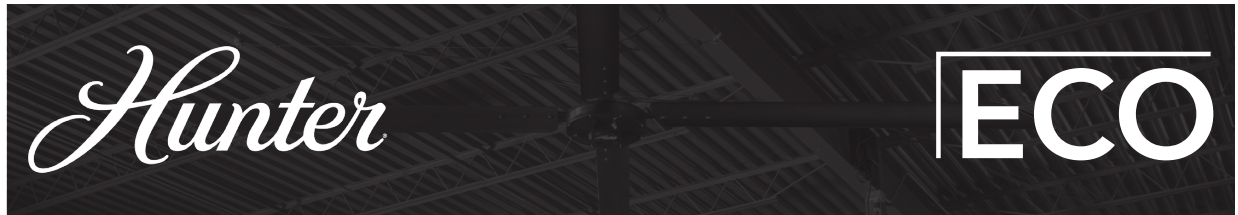
Notes:

Type:

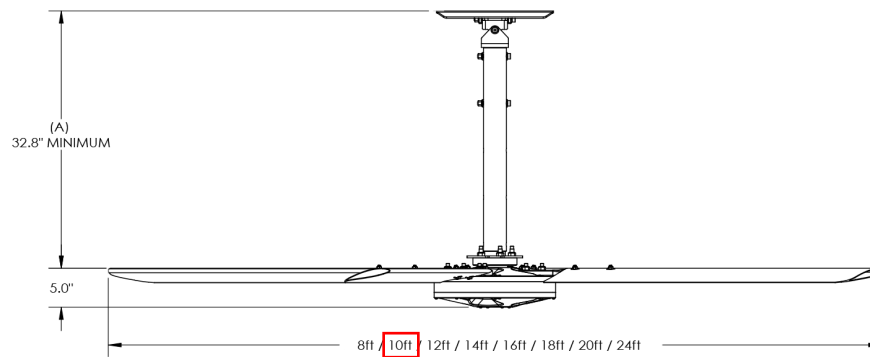
P2pole

NOL26-153375

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AIRFOIL DIAMETER	8ft	10ft	12ft	14ft	16ft	18ft	20ft	24ft
Airfoil Material	6005A Structural Grade Aluminum							
Airfoil Width	7in							
Number of Airfoils	4							
Airfoil Color	Black Matte							



PERFORMANCE	8ft	10ft	12ft	14ft	16ft	18ft	20ft	24ft
Max Speed (RPM)	156	139	108	108	94	80	77	62
Recommended Spacing	32ft	40ft	48ft	56ft	64ft	72ft	80ft	96ft
Max Affected Area (SQFT)	1,600	2,500	3,600	4,900	6,400	8,100	10,000	14,400
Sound Level dBA at Max Speed	<55	<55	<55	<55	<55	<55	<55	<55

HANGING REQUIREMENTS	8ft	10ft	12ft	14ft	16ft	18ft	20ft	24ft
Hanging Weight (lbs)	87	94	101	128	135	138	145	159



Job Name:
NEW FIRE STATION 10

Catalog Number:

ECO10-AC 1PH-200-240V/ 50-60HZ
(4.5-6 DOWNROD)- MOUNTING TBD

Notes:

Type:**BAF**

NOL26-153375



**MOTOR,
DRIVE TRAIN,
AND HP**

	8ft	10ft	12ft	14ft	16ft	18ft	20ft	24ft
Motor Type	Brushless Motor							
Max Watts (W)	486	749	777	713	1013	849	920	1124
Operating Temp Range	14° to 140°F (-10° to 60°C)							
Motor Color	Black Matte							
Horsepower	1.0 HP	1.0 HP	1.25 HP	1.25 HP	1.25 HP	1.5 HP	1.5 HP	1.5 HP

RATED AMP DRAW	8ft	10ft	12ft	14ft	16ft	18ft	20ft	24ft
200-240V Single Phase	6.5A	6.5A	6.5A	6.5A	6.5A	6.5A	6.5A	6.5A
200-240V Three Phase	3.5A	3.5A	3.5A	3.5A	3.5A	3.5A	3.5A	3.5A
400-480V Three Phase	2.0A	3.0A	3.0A	3.0A	3.0A	3.0A	3.0A	3.0A

POWER AND CONTROLS

Power Source	AC 1PH 200-240V 50-60HZ, AC 3PH 200-240V 50-60HZ, AC 3PH 380-480V 50-60HZ
Main Controller	Variable Frequency Drive
Wall Control Options	Digital HMI 350, 500 or 700E Series
Building Management Compatible (With Gateway Accessory)	BACnet MS/TP, BACnet IP, Modbus RTU

INSTALLATION

Mounting Options	I-Beam, Glulam, Unistrut or Perlin
Downrod Length	2.5ft - 10ft
Extension	Downrods available in 3 adjustable increments: 2.5-4ft, 4.5-6ft, 6.5-10ft. Downrod length adjustments may be made in increments of 6". Downrod length must be specified at time of order. Above 10ft inquire.
Motor Wiring	Pre-wired motor cables with twist lock connections
HMI Wiring	CAT5/RJ45 Power Over Ethernet (POE)
Accessories/Options	Fire Relay


RATING AND COMPLIANCE

Fire and Sprinkler	NFPA 13 and NFPA 72 Compliant
Wash Down Duty Rating	UL 507 Damp rated
Certifications	ETL/INTERTEK-CERTIFIED TO ANSI/UL 507 AND CSA C22.2 NO.113, IEC 61800-3, CE, AMCA Certified
Safety Features	Motor & Drive Overload Protections, Safety Retention Cable, Motor & Drive Protections
Warranty	Limited Lifetime Warranty



(ECO 10FT Fan pictured above)

Submitted by Curtis Stout, Inc.



CURTIS STOUT

Job Name:
NEW FIRE STATION 10

Catalog Number:

ECO10-AC 1PH-200-240V/ 50-60HZ
(4.5-6 DOWNROD)- MOUNTING TBD

Notes:

Type:

BAF

NOL26-153375

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