

## ETP01A

Experience the savings. Feel the value. Quick and simple to install with the snap-lock tool-less access. The ETP01A series LED vapor tight from ECOBUY is a cost-efficient, wet-location fixture designed specifically for demanding environments. The fixture delivers consistent light levels across its long life, which results in a high quality lighting in variable applications.

Multiple mounting options establish the fixture as an inexpensive solution for outdoor venues, canopies, locker rooms, passageways, under eaves, covered patios, open bays and most other applications where moisture and dirt area concern.



### Key Features

- 3,000 to 12,500 Lumen packages with up to 125LPW
- Available in 3000K, 4000K & 5000K CCT
- Can pass NSF test
- Polycarbonate frosted Lens
- 5VA impact-resistant polycarbonate housing
- UL listed for Wet-Location
- DesignLights Consortium® (DLC) Qualified product.
- Motion Sensor or Emergency Battery option
- 0-10V Dimming standard
- Surface and Chain mount standard

### Performance Data

Series	Length	Watt	Input voltage	Efficacy(Lm/w)	Lumens(Lm)	Equivalency	CRI	CCT	Finish
ETP01A	2Ft	25	AC120-277V	120	3000	17W 2 lamp T8	83+	3000K/4000K/5000K	Gray
	4Ft	50		125	6250	32W 2 lamp T8			
	8Ft	100		125	12500	32W 4 lamp T8 59W 2 lamp T8			

### Technical Specifications

#### Listings

Listed to UL 1598 and UL 8750  
ROHS Compliant

#### IESNA LM-79 & LM-80 Testing:

LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

#### DLC Listed:

This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

#### LED Characteristics

##### LEDs:

SAMSUNG Long-life, high-efficiency surface mount LEDs.

##### Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

##### Color Consistency:

5-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color.

##### Color Stability:

LED color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

#### Color Uniformity:

CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377.2011.

#### Electrical

##### Drivers:

Constant Current output, Class 2 with 4KV surge protection, 100-277VAC, 50/60 Hz.  
Dimming Driver: Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit.  
Dims as low as 10%.

##### THD:

7.2% (120V), 7.8% (277V)

##### Power Factor:

>0.95

#### Construction

##### Ambient Temperature:

-40°F (-40°C) to 104°F (40°C)

##### Housing:

5VA impact-resistant polycarbonate.  
Stainless clips.  
1/2" openings for conduit and bushing/cord entry.

##### Mounting:

Follow the installation guide to install the product.

##### Lens:

frosting, homodisperse PC (avoid of dazzling lights, protect human body.)

#### Gasket:

EVA silicon foam

#### Green Technology:

Without Mercury, UV-free, VOC or any other toxic metals ROHS compliant components. Polyester powder coat finish formulated without the use of VOCs or toxic heavy metals;

#### Shipping Weight (Per Carton):

2ft:4.74lbs(2.17kg)

4ft:8.12lbs(3.69kg)

8ft:16.6lbs(7.52kg)

#### Other

##### IP Rating:

IP Rating: Ingress Protection rating of IP66 for dust and water.

##### Patents:

The design of the ECOBUY is protected by patents pending in US, China.

##### OTHERS:

ECOBUY warrants that our products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish.



## ETP01A

### Ordering Matrix

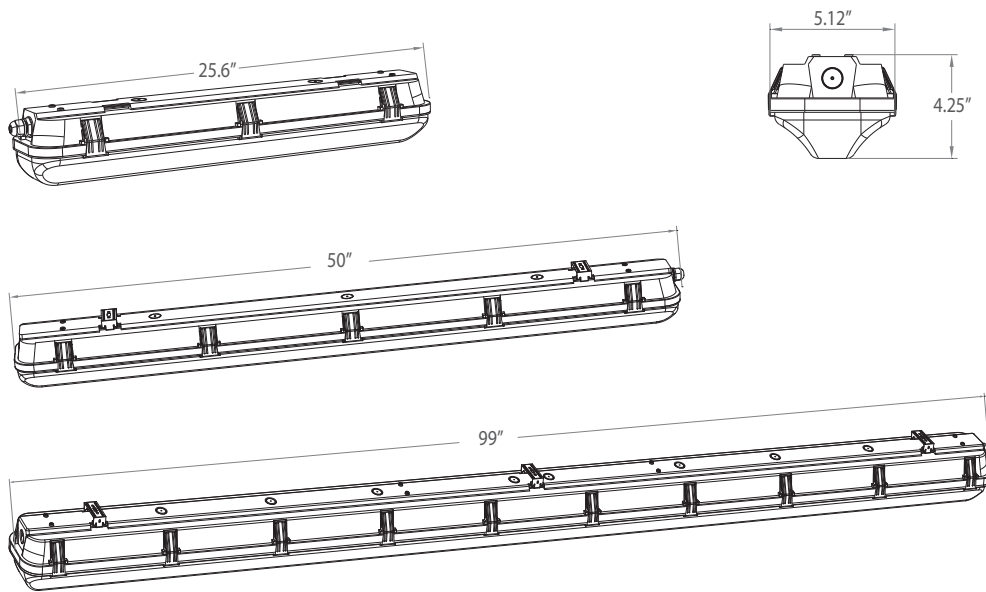
EXAMPLE: ETP01A 2FT 025 AL 830 GR SU

Family	Length	Watts	Voltage	CRI & Color Temp	Finish	Mounting
ETP01A	2FT	025	AL	830	GR	SU
	2FT	025=25W	AL=AC120-277V	830=CRI83&CCT3000K	GR=gray	CH=Chain
	4FT	050=50W		840=CRI83&CCT4000K		SU=Surface
	8FT	100=100W		850=CRI83&CCT5000K		AN=Angle 45°

### Dimensions

Specifications subject to change without notice.  
All dimensions are inches unless otherwise indicated.

Weight (may vary with options or accessories)  
2ft: 3.92lbs(1.78kg)  
4ft: 6.29lbs(2.86kg)  
8ft: 13.9lbs(6.30kg)



### Accessories

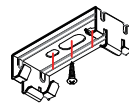
Chain-Mounting  
VHOOK Brackets(standard)

(For 2'and 4'models;  
contains 2 brackets)  
(for 8'models;  
contains 3 brackets)



Surface-Mounting  
Conner Brackets(standard)

(For 2'and 4'models;  
contains 2 brackets)  
(for 8'models;  
contains 3 brackets)



45° Angle surface-Mounting  
Angle Brackets (optional)

(For 2'and 4'models;  
contains 2 brackets)  
(for 8'models;  
contains 3 brackets)



#### Note:

- Mounting hardware for surface mounting to ceiling or wall (horizontally or vertically) included.
- Mounting hardware kit also includes VHOOK for suspended mount (chain not included).
- 45° Angel surface-Mounting is an optional(Angel Brackets not included).

# ECOObuy INC.

## Installation/Retrofit Guide



**Warning:** Important Safety Instructions. Risk of Fire or Electric Shock. Read ALL Installation Instructions before installing ECOObuy luminaires. DO NOT Remove Cover. No User-Serviceable Parts inside.

Thank you for purchasing ECOObuy luminaires and for investing in the future of eco-friendly products. By selecting ECOObuy luminaires, you have chosen a high-quality, eco-friendly product that is designed for years of dependable performance. We stand behind our products and are confident that you will have a peace of mind knowing that it is a reliable product.

This guide explains the steps necessary to install ECOObuy luminaires in a fixture. It is for reference only and is intended for qualified electricians or lighting technicians who are familiar with the construction and operation of the product and the hazards involved. Wiring modification for ECOObuy luminaires installation requires knowledge of luminaire electrical systems. If not qualified, DO NOT attempt this installation – Contact a qualified electrician or a lighting technician.



**Warning:** Before conducting any inspection, installation, maintenance, disable all power to the luminaire. ECOObuy luminaires are designed to work with AC 120V - 277V. Ballast (if equipped) MUST be bypassed or removed from the fixture before installing the ECOObuy luminaire. See "Wiring Diagram" on backside. Failure to follow instructions can result in a damaged product and will VOID the Warranty. It could also result in an electric shock, or fire.

- Disable all power to luminaire before conducting any inspection, installation, maintenance, or removal. Failure to do so will create a hazardous and potentially fatal working environment.
- Specially designed for wet, damp and cold storage locations, provides lighting systems for commercial, industrial and demanding environments.
- The installer must determine and verify whether the supply voltage is the same as the rated luminaire voltage before installation. Improper voltage matching can result in performance degradation and/or physical damage. These luminaires work on line voltage and require all Ballasts and Starters to be bypassed.
- Operate in fixtures that provide the free flow of air around the luminaires. In enclosed fixtures, ensure the luminaires have enough space for heat dissipation. This will ensure lumen maintenance and extend its lifespan. When luminaires are used inside an outdoor enclosure, ensure the enclosure is waterproof and well ventilated.
- Not intended for use in emergency exit fixtures or exit lights. Be suited to use with a dimmer or remote controls.
- Luminaire wiring, Ballast, or other electrical parts may be damaged during installation. Always check for loose wiring and components.
- To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
- Do not make or alter any open holes in an enclosure for wiring or electrical components during installation.
- Do not block light emanating from luminaires in whole or part, as this may cause an unsafe condition.
- Installing surge/lightning protectors is highly recommended and helps to eliminate premature driver failure caused by surges and other power fluctuations.



This product can expose you to chemicals including (name of one or more chemicals), which is (are) known to the State of California to cause cancer. For more information go to [WWW.P65Warnings.ca.gov](http://WWW.P65Warnings.ca.gov)

## Surface Mounting

The fixture is suitable for outdoor applications in wet locations either ceiling or wall mounted.

- Use appropriate mounting hardware (not supplied) to secure the Snap On Brackets to mounting surface. Refer to recommended Snap On Bracket in Fig.1 for ETP01A 2ft and Fig 2 for ETP01A 4ft-8ft.

WARNING: Mount Snap On Brackets symmetrical about the center as shown in Fig.1 and Fig.2. Snap On Brackets must be aligned with each other to secure Housing.

- In order to use an alternate entry point for ETP01A 8ft & 4FT&2FT, follow below steps 3-8.
  - Unlatch the Lens from Housing.
  - Snap out the LED & Heat Sink Assembly. Tether Cables (2 for ETP01A 2ft-4ft and 4 for 8ft) are provided, if required.
  - For an alternate conduit entry point, drill knockout (3 locations on ETP01A 2ft-4ft and 8 locations on ETP01A 8ft) on the back of Housing or side conduit entry knockout (2 locations on ETP01A 2ft-4ft-8ft). Unused knocked out hole should be sealed using the white silicone plug (provided one piece in hardware polybag).
  - Feed supply power cord through cord-grip to make electrical splices.
  - Use appropriate UL approved wire connectors as required by code to complete wiring with supply wires. Be careful not to pinch wires. Quick connector is provided for easy installation, if required.
- WARNING: To prevent wiring damage or abrasion, do not expose wiring to edges of sharp objects.
- Snap in LED and Heat Sink Assembly and secure Lens to Housing by Latch. Be careful not to pinch wires. Check that gasket is fully sealed.
  - Snap Housing on Snap On Brackets as shown in Fig.3.
  - Use silicone or teflon tape on all conduit entry points.

Fig. 1 - ETP01A 2ft

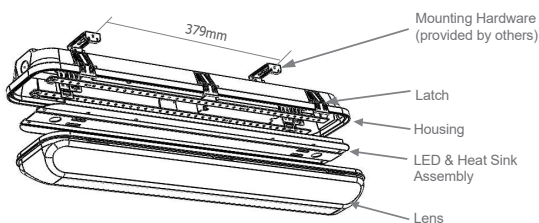


Fig. 2 - ETP01A 4ft-8ft

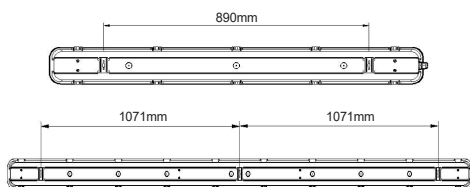
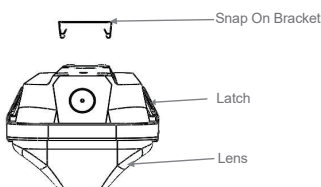


Fig. 3



## V-Hook Mounting

Suspend Housing to sturdy ceiling structure as follows:

- Snap Housing on Snap On Brackets as shown in Fig.3.
- In order to use an alternate entry point for ETP01A 2ft-4ft-8ft, follow steps 3-8 under Surface Mounting section.
- V Hooks (2 pcs on ETP01A 2ft-4ft and 3 pcs on ETP01A 8ft) are provided for chain mounting. Loop V-Hooks through Snap On Bracket at back of Housing as in Fig.4
- Connect to two (for ETP01A 2ft-4ft) or three (for ETP01A 8ft) equal lengths of chain (by others) or appropriate hardware (by others) suitable for mounting surface, to suspend Housing from V Hooks.
- Fixture mounting height and spacing should be determined by application requirements. Use chain suitable to support four (4) times the weight of the fixture.
- Use silicone or teflon tape on all conduit entry points.

WARNING: When the power cord is drawn from the side hole of the HOUSING as in Fig5, we can only use V-HOOK MOUNTING.

Fig.4

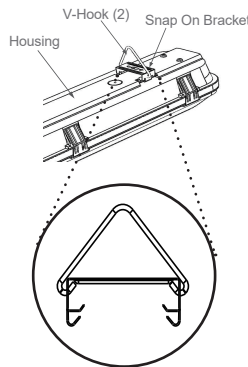
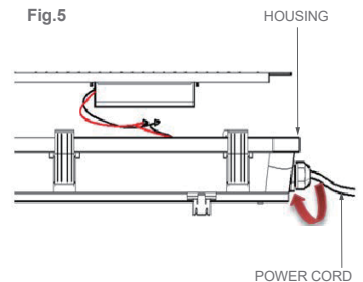


Fig.5



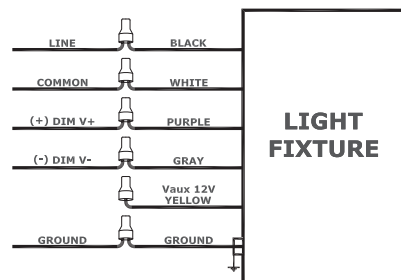
### 0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. For 0-10V Dimming, follow the wiring directions in Fig. 6.

- Connect the black fixture lead to the LINE supply lead.
- Connect the white fixture lead to the COMMON supply lead.
- Connect the GROUND wire from fixture to supply ground.
- Connect the purple fixture lead to the (V+) DIM lead.
- Connect the gray fixture lead to the (V-) DIM lead.
- Cap the yellow fixture lead, if present. Do NOT connect.

NOTE: Do not connect DIM V+ (purple)/ DIM V- (gray) to line voltage or supply ground.

Fig. 6



# LIMITED WARRANTY

ECOObuy Inc. warrants to the original purchaser that all products sold will be free from defects in material and workmanship for a period of five (5) years from the date of original purchase. Special and custom orders carry ONLY one year warranty unless stated expressly. All returns must be approved and returned with shipping prepaid in original condition and in their original packaging.

If any product covered by this limited warranty is returned by the original purchaser and found to be defective, ECOObuy will, at its own discretion, repair or replace the product, or reimburse the original purchaser for the purchase price. ECOObuy will bear any freight cost that arises from shipping the replacement product back to the purchaser. If ECOObuy chooses to replace the product, and the particular product is not available, ECOObuy may have the discretion to replace it with a comparable product.

## The limited warranty may be voided due to the following conditions:

- Purchaser's continuing use of products after reporting the defect.
- Purchaser fails to store, install, operate, or maintain applicable products in accordance with ECOObuy's operating instruction, or adhere to any of the electric codes, such as the National Electric Code (NEC), the Standards for Safety of Underwriters Laboratories (UL), or the American National Standards for the American National Standards Institute (ANSI).
- Purchaser alters, repairs or has service performed on the applicable product without ECOObuy's prior written consent.
- Damage or failure to perform arising from any abuse, misuse, abnormal use, improper power supply, power surges, use of unauthorized components, vandalism, or in the event of Force Majeure.

THIS LIMITED WARRANTY SET FORTH ABOVE IS THE ONLY EXCLUSIVE WARRANTY GIVEN BY ECOObuy WITH RESPECT TO THE PRODUCTS AND SOLE REMEDY FOR ANY AND ALL CLAIMS, AND NO OTHER WARRANTIES OR ANY KIND, WHETHER STATUTORY, ORAL, WRITTEN, EXPRESSED OR IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE SHALL APPLY. UNDER NO CIRCUMSTANCES SHALL ECOObuy BE LIABLE FOR ANY INDIRECT, CONSEQUENTIAL OR COMPENSATORY DAMAGES, INCLUDING, WITHOUT LIMITATION, DAMAGES RESULTING FROM LOSS OF USE, PROFITS, BUSINESS OR GOODWILL.

Warranty terms and policies are subject to change without notice.