



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at [wvOASIS.gov](http://wvOASIS.gov). As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at [WVPurchasing.gov](http://WVPurchasing.gov) with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header @ 4

List View

- General Information
- Contact
- Default Values
- Discount
- Document Information
- Clarification Request

Procurement Folder: 1036007

Procurement Type: Central Purchase Order

Vendor ID:

Legal Name: PDM CONSULTING LLC

Alias/DBA:

Total Bid: \$33,945.00

Response Date:

Response Time:

Responded By User ID:

First Name:

Last Name:

Email:

Phone:

SO Doc Code: CRFQ

SO Dept: 0403

SO Doc ID: DBS2200000009

Published Date: 5/3/22

Close Date: 5/18/22

Close Time: 13:30

Status: Closed

Solicitation Description:

Total of Header Attachments: 4

Total of All Attachments: 4



All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Lithonia light fixture, 2GTL-4-72L-EZ1-LP835 Lensed LE	330.00000	EA	60.000000	19800.00

Comm Code	Manufacturer	Specification	Model #
39110000			

**Commodity Line Comments:** LED Panel Backlit 2x4/ Watt (40/50W/60W) and CCT (3/4/5K) Selectable, 0-10V Dim, 130 lm/w, 5200/6500/7500 Lumens, 100-277VAC, P/N HY-PB-2x4PH -3W3CCT

**Extended Description:**

Lithonia light fixture, 2GTL-4-72L-EZ1-LP835 Lensed LED, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
2	Lithonia light fixture, 2GTL-4-72L-EZ1-EL14L-LP835	40.00000	EA	135.000000	5400.00

Comm Code	Manufacturer	Specification	Model #
39110000			

**Commodity Line Comments:** LED Panel Backlit 2x4/ Watt (40/50W/60W) and CCT (3/4/5K) Selectable, 0-10V Dim, 130 lm/w, 5200/6500/7500 Lumens, 100-277VAC, P/N HY-PB-2x4PH -3W3CCT (Includes - 15W Emergency Backup Battery, 100 mA Max, >90 Minute Illumination, Includes Remote Test Switch, Fault Indicator, Charging Indicator, PN BLD-AM15D-480600)

**Extended Description:**

Lithonia light fixture, 2GTL-4-72L-EZ1-EL14L-LP835, or Equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
3	Lithonia light fixture, 2GTL-2-48L-EZ1-LP835, or equal	60.00000	EA	45.000000	2700.00

Comm Code	Manufacturer	Specification	Model #
39110000			

**Commodity Line Comments:** LED Panel Backlit 2x2/ Watt (20/30/40W) and CCT (3/4/5K) Selectable, 0-10V Dim, 130 lm/w, 2600/3900/5200 Lumens, 100-277VAC, P/N HY-PB-2X2P-3W3CCT

**Extended Description:**

Lithonia light fixture, 2GTL-2-48L-EZ1-LP835, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
4	Lithonia light fixture, 2GTL-2-48L-EZ1-E14L-LP835,	10.00000	EA	117.000000	1170.00

Comm Code	Manufacturer	Specification	Model #
39110000			

**Commodity Line Comments:** LED Panel Backlit 2x2/ Watt (20/30/40W) and CCT (3/4/5K) Selectable, 0-10V Dim, 130 lm/w, 2600/3900/5200 Lumens, 100-277VAC, P/N HY-PB-2X2P-3W3CCT (Includes - 15W Emergency Backup Battery, 100 mA Max, >90 Minute Illumination, Includes Remote Test Switch, Fault Indicator, Charging Indicator, PN BLD-AM15D-480600)

**Extended Description:**

Lithonia light fixture, 2GTL-2-48L-EZ1-E14L-LP835, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
5	Wire, 14ga THHN, Gray (500' Spool)	2.00000	EA	84.000000	168.00

Comm Code	Manufacturer	Specification	Model #
39110000			

**Commodity Line Comments:**

**Extended Description:**

Wire, 14ga THHN, Gray (500' Spool)

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
6	Wire, 14ga THHN, Purple (500' Spool)	2.00000	EA	84.000000	168.00

Comm Code	Manufacturer	Specification	Model #
39110000			

**Commodity Line Comments:**

**Extended Description:**

Wire, 14ga THHN, Purple (500' Spool)

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
7	Ground wire pigtails with ground screws (Pack of 50)	2.00000	EA	46.000000	92.00

Comm Code	Manufacturer	Specification	Model #
39110000			

**Commodity Line Comments:**

**Extended Description:**

Ground wire pigtails with ground screws (Pack of 50)

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
8	Lutron, DBSTV-IV, Diva 8AMP, Dimmer, or equal	42.00000	EA	69.000000	2898.00

Comm Code	Manufacturer	Specification	Model #
39110000			

**Commodity Line Comments:**

**Extended Description:**

Lutron, DBSTV-IV, Diva 8AMP, Dimmer, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
9	Lutron Maestro Wireless RF Switch, 120/277V, MRF2S-8S	5.00000	EA	145.000000	725.00

Comm Code	Manufacturer	Specification	Model #
39110000			

**Commodity Line Comments:**

**Extended Description:**

Lutron Maestro Wireless RF Switch, 120/277V, MRF2S-8S, or Equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
10	Lutron Radio Powr Savr Wireless Occupancy Sensor, LRF,	5.00000	EA	68.000000	340.00

Comm Code	Manufacturer	Specification	Model #
39110000			

**Commodity Line Comments:**

**Extended Description:**

Lutron Radio Powr Savr Wireless Occupancy Sensor, LRF, w/Mounting Bracket, or Equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
11	Atlas exterior light fixture, WLM43LED, or equal	6.00000	EA	75.000000	450.00

Comm Code	Manufacturer	Specification	Model #
78121603			

**Commodity Line Comments:** Wall Pack, 60W, 110-277V, 5000K, 9000 Lumens, PN HYA-WP-60W-50K

**Extended Description:**

Atlas exterior light fixture, WLM43LED, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
12	Ideal 74B Wire Nuts, 100 Pack, Yellow Connectors, or equal	2.00000	EA	17.000000	34.00

Comm Code	Manufacturer	Specification	Model #
39110000			

**Commodity Line Comments:**

**Extended Description:**

Ideal 74B Wire Nuts, 100 Pack, Yellow Connectors, or equal

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
13	Freight	1.00000	EA	0.000000	0.00

Comm Code	Manufacturer	Specification	Model #
78121603			

**Commodity Line Comments:** Freight Allowed

**Extended Description:**

Freight for all Items to be a fixed firm price.

**PdM Consulting, LLC**  
 1248 Station Camp Rd  
 Le Roy, WV 25252  
 304-786-4055  
 edcasto@pdm-consulting-llc.com



## Estimate

### ADDRESS

Josh Hagar III  
 West Virginia Dept. of  
 Education  
 Building 6, Room 700  
 1900 Kanawha Blvd East  
 Charleston, WV

### SHIP TO

Josh Hagar III  
 West Virginia Schools For  
 The Deaf and The Deaf  
 301 East Main Street  
 Romney, WV 26757  
 United States

**ESTIMATE #** 1353

**DATE** 05/18/2022

**EXPIRATION DATE** 06/17/2022

ITEM CODE	DESCRIPTION	QTY	RATE	AMOUNT
<b>HYA 2X4 Backlit HO</b>	LED Panel Backlit 2x4/ Watt (40/50W/60W) and CCT (3/4/5K) Selectable, 0-10V Dim, 130 lm/w, 5200/6500/7500 Lumens, 100-277VAC, P/N HY-PB-2x4PH -3W3CCT	330	60.00	19,800.00T
<b>HYA 2X4 HO Emer</b>	LED Panel Backlit 2x4/ Watt (40/50W/60W) and CCT (3/4/5K) Selectable, 0-10V Dim, 130 lm/w, 5200/6500/7500 Lumens, 100-277VAC, P/N HY-PB-2x4PH -3W3CCT 3W3CCT (Includes - 15W Emergency Backup Battery, 100 mA Max, >90 Minute Illumination, Includes Remote Test Switch, Fault Indicator, Charging Indicator, PN BLD-AM15D-480600)	40	135.00	5,400.00T
<b>HYA 2X2 Backlit</b>	LED Panel Backlit 2x2/ Watt (20/30/40W) and CCT (3/4/5K) Selectable, 0-10V Dim, 130 lm/w, 2600/3900/5200 Lumens, 100-277VAC, P/N HY-PB-2X2P-3W3CCT	60	45.00	2,700.00T
<b>HYA 2X2 Emer</b>	LED Panel Backlit 2x2/ Watt (20/30/40W) and CCT (3/4/5K) Selectable, 0-10V Dim, 130 lm/w, 2600/3900/5200 Lumens, 100-277VAC, P/N HY-PB-2X2P-3W3CCT 3W3CCT (Includes - 15W Emergency Backup Battery, 100 mA Max, >90 Minute Illumination, Includes Remote Test Switch, Fault Indicator, Charging Indicator, PN BLD-AM15D-480600)	10	117.00	1,170.00T
<b>GB Wire 14ga Gray</b>	Wire 14 AWG, THHN, 19 Strand, Gray, 500 FT. Spool, PN 88284584	2	84.00	168.00T
<b>GB Wire 14ga Purp</b>	Wire 14 AWG, THHN, 19 Strand, Purple, 500 FT. Spool, PN 88284554	2	84.00	168.00T

ITEM CODE	DESCRIPTION	QTY	RATE	AMOUNT
<b>GB Gnd Pigtails</b>	Green, 10.5" Length, 12 AWG, Pigtails with Ground Screw, 50 Pack, PN #99600924	2	46.00	92.00T
<b>LU LED Dimmer</b>	Diva Dimmer, Gloss Finish, LED Dimming with 0-10V Drivers, Single Pole/3-Way, 120-277V/50 mA/8A Ivory, PN DVSTV-IV	42	69.00	2,898.00T
<b>LU Wireless SW</b>	Lutron Maestro Wireless Switch, 120/277V, MRFS2-8S-WH	5	145.00	725.00T
<b>LU Occupancy</b>	Lutron Ceiling Mounted Occupancy/Vacancy Sensor, RF Wireless, Battery Powered, PIR, PN LRF2-OCR2B-P-WH	5	68.00	340.00T
<b>HYA 60W WP</b>	Wall Pack, 60W, 8700 Lumens, 110-277V, PN HYA-WP01B-60-50K	6	75.00	450.00T
<b>GB Wire Nut YLW</b>	Yellow Wire Nut Connector for 18 AWG to 12 AWG wire, 100 Pack, PN 88134895	2	17.00	34.00T
<b>Shipping</b>	Freight Allowed From Factory	1	0.00	0.00T

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SUBTOTAL	33,945.00
TAX	0.00
<b>TOTAL</b>	<b>\$33,945.00</b>

Accepted By

Accepted Date



# Emergency LED Driver

## 15 Watts Constant Output Power

### BLD-AM15D-480600

REV 11

## Features:

- Listed for field installation-UL924 and CSA C22.2 NO.141
- Selectable emergency power 8W,12W,15W
- Universal input (100-277Vac)
- Constant output power (Auto-sensing output within each range)
- Output LVLE Compliant
- Battery protections : over voltage protection、 low voltage protection、 over temperature protection、 short circuit protection
- RoHS compliant



## Specifications:



RoHS

### UL Listed

For field or factory installation

### Universal Input Voltage

100-277Vac, 50/60Hz

### AC Input Current

100mA max.

### AC Input Power Rating

5.5W max.

### Output Current and Voltage

320-600mA 25V-48V (Class 2)

### Output Power

15W max.

### Illumination Time

≥90 Minutes

### Full Warranty

5 Years

### Test Switch/Charging Indicator Light

Low Voltage, illuminated Test Switch

### Battery

High-Temperature, Maintenance-Free  
Ni-MH battery  
5 Years Life Expectancy

### Battery Charging Current

250mA

### Recharge Time

≥24Hours

### Temperature Rating (Ambient)

0°C to +50°C (32°F to 122°F)

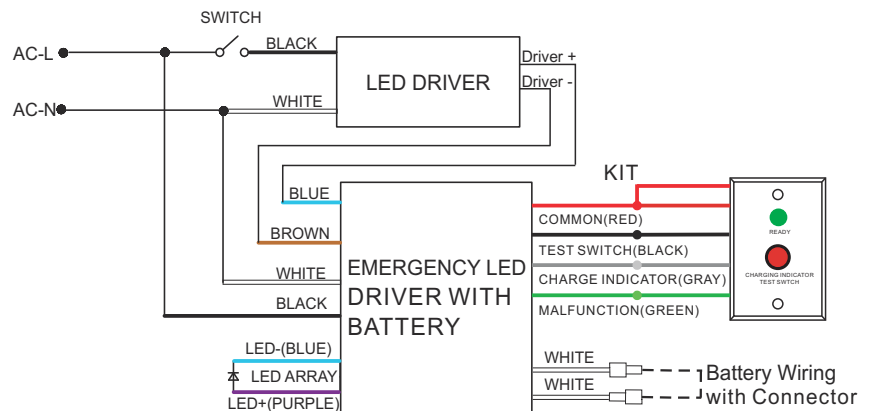
### Dimensions

15"x2.17"x1.3" (382mmx55mmx32mm)  
17.7" (450mm) Flexible Conduit

### Weight

3.2 lbs(1.45kg)

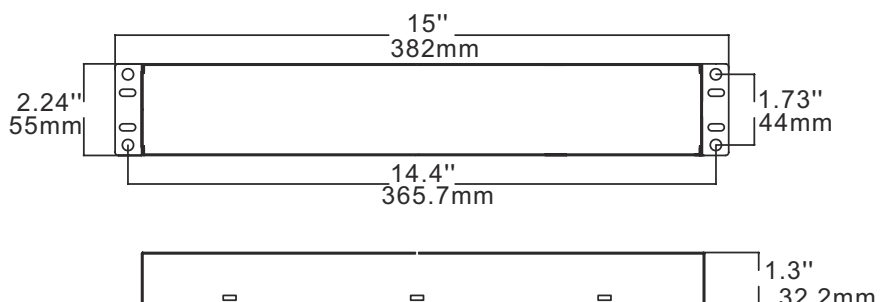
## Wiring Diagram:



1. DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
2. TEST ACCESSORY LEADS-OBSERVE PROPER POLARITY WIRING.

## Dimensions:

Case-15"x2.24"x1.3"(mounting center-14.4")



# Emergency LED Driver

## IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

### READ AND FOLLOW ALL SAFETY INSTRUCTIONS.

- Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED Emergency Backup. Check for enclosed wiring and components.
- Risk of fire or electric shock. This LED Emergency Backup installation requires knowledge of luminaire. electrical systems. If not qualified, do not attempt installation. Contact a qualified electrician.
- Before installing, make certain the AC power to the fixture is off.
- The electrical rating of this product is 100–277Vac. Installer must confirm that there is 100–277Vac to the fixture before installation.
- To prevent electrical shock only mate unit connector after installation is complete and before the AC power to the fixture is back on.
- Do not use in outdoor.
- This LED Emergency Backup unit requires an un-switched AC power source of 100–277Vac, 50/60Hz. The AC driver must be on the same branch circuit as the LED Emergency Backup unit.
- Do not let power supply cords touch hot surfaces.
- Do not mount near gas or electric heaters.
- Do not connect battery pack connector until all other wiring is complete and AC power is on.
- Equipment should be mounted in locations and at heights where it is not be subjected to tampering by unauthorized personnel.
- The use of accessory equipment is not recommended by the manufacturer and may cause an unsafe condition.
- Do not use this equipment for other than its intended use.
- Use with grounded, UL Listed, dry or damp location rated fixtures.

### SAVE THESE INSTRUCTIONS

#### Applications

The BLD-AM15D-480600 emergency driver can be used with most LED loads that have a rated voltage of 25-48Vdc. These emergency driver have been evaluated to and found compliant to UL 924. The emergency pack assembly is accepted as a component of a luminaire where the suitability of the combination shall be determined by UL or Authorities. The as-installed performance of the system must meet or exceed all Federal, State, and Local code requirements.

#### Operation

**AC Operation:** AC power is present. The AC driver operates the LED load as designed. AC LED driver that has an output current not to exceed 4.0 A. The emergency pack is charging in a standby mode. The charging indicator will be lit, showing that the battery is charging.

**Emergency Operation:** When the AC power goes out, the emergency pack detects the power outage and automatically switches to the emergency mode. The charging indicator will be off. The LED load is illuminated, for a minimum of 90 minutes. When AC power is restored, the emergency pack switches back to Normal Mode and starts re-charging.

**Malfunction Mode:** When the emergency driver internal circuit without fault and battery normal, The green LED will be lit, When battery disconnected and the emergency driver circuit is faulty, the green LED is off.

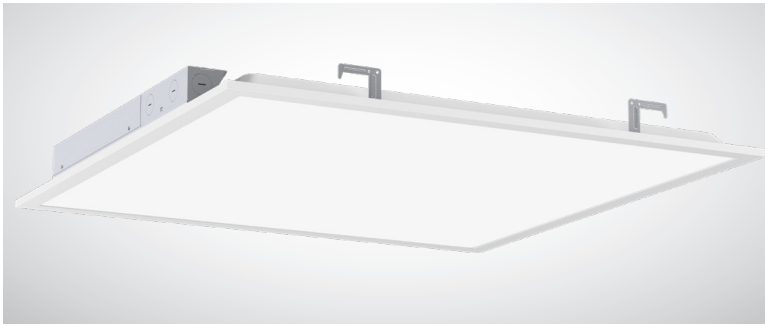
#### Dial switch code selection

Emergency Power			
Power	Voltage	1	2
15W	25-48Vdc	—	—
12W		—	ON
8W		ON	—

NOTE: When the dial switch code 1 and 2 turn off, the emergency power is 15 W, 1 turn off and 2 turn on, the emergency power is 12W, 1 turn on and 2 turn off, the emergency power is 8W.



## LED BACK-LIT PANEL LIGHT - Watt and CCT Selectable



Slide switch for color selection



Slide switch for power selection



**Application:** Office, school, conference room, hospital, and more commercial spaces

### Product Description

LED Back-Lit Panel is a direct lighting product with high lumen efficiency. It makes full use of all light and is more cost effective compared with edge lighting LED panel light. Adopt optical lens to offer a uniform light effect. With integrated iron plate, providing great thermal management.

### Certifications



### SPECIFICATIONS

Model No.	HY-PB-1X4P-3W3CCT	HY-PB-2X2P-3W3CCT	HY-PB-2X4P-3W3CCT	HY-PB-2X4PH-3W3CCT
Wattage	20W/30W/40W		30W/40W/50W	40W/50W/60W
Size	1'x4'	2'x2'	2'x4'	
Lumens	2600/3900/5200 LM		3900/5200/6500 LM	5200/6500/7800 LM
Rated Input Voltage(V)	AC100-277V			
Dimming	0-10V Dimmable			
CCT	3K/4K/5K Selectable	3K/4K/5K or 4K/5K/6K Selectable	3K/4K/5K Selectable	4K/5K/6K Selectable
CRI	≥80			
Beam Angle (°)	120°			
Electrical Class	Class I			
Lumen Efficiency	130 Lm/W			
Color Rendering Index	Ra>70			
Materials of Optics	PMMA (Lens)			
Working Temperature	-4 ° F ~ +122 ° F / -20°C ~ 40°C			
Storage Temperature	-4 ° F ~ +149 ° F / -20 ° C ~ +65 ° C			
Environment Location	IP 20 – Indoor Only			
Lifespan	> 50000H			
Lampshell	White			
DLC ID	P2U165MP	PYKN0DJH	PLW4UJM5	PGFO00AG
Package Info	49.6" x 13.6" x 4.33"	25.19" x 25.59" x 4.33"	49.61" x 25.59" x 4.33"	
PC/ Master Pack	2	2	2	
Weight	14LB	12 LB	23 LB	

### FEATURE

- Uniform light effect with optic lens
- Integrated iron plate design provides excellent thermal management.
- Direct light design provides more even light distribution and longer lifespan

### OPTIONAL ACCESSORIES

Type	Image	Size
Surface Mount Kit		Available in all 3 sizes
Emergency Back Up		Available in 8W and 15W

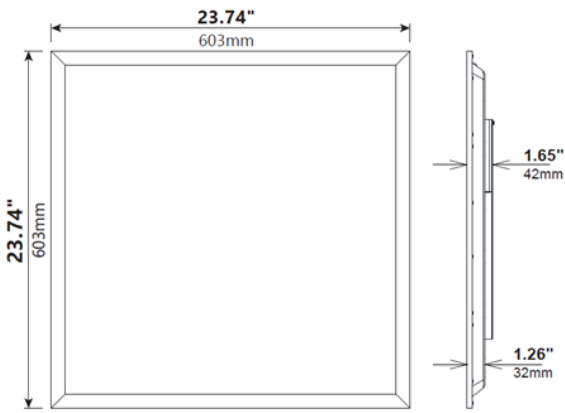
### ORDERING CODE DEFINITION

#### EXAMPLE: HY-PB-2X2P-3W3CCT

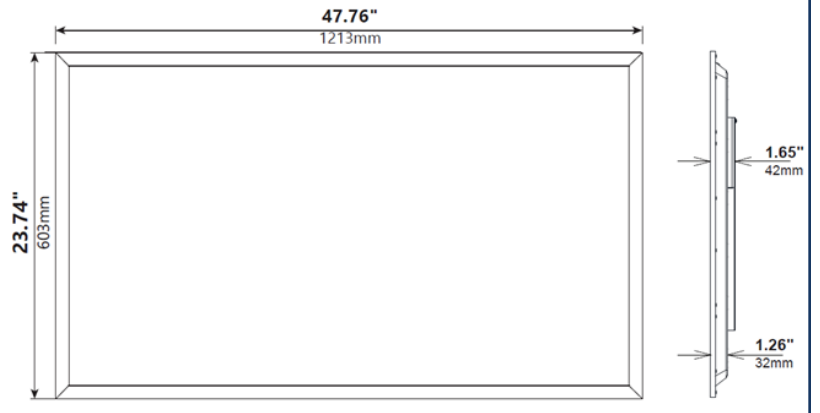
Company Code	Product	Size	P	Power: 3W	CCT: 3CCT
HY	PB: LED Backlit Panel	2'x2'	P: DLC Premium Listed	2'x2' : 20W/30W/40W 1'x4' : 30W/40W/50W or 40W/50W/60W	CCT Selectable: 4K/5K/65K or 3K/4K/5K
		1'x4'			
		2'x4'			

## PRODUCT DIMENSION

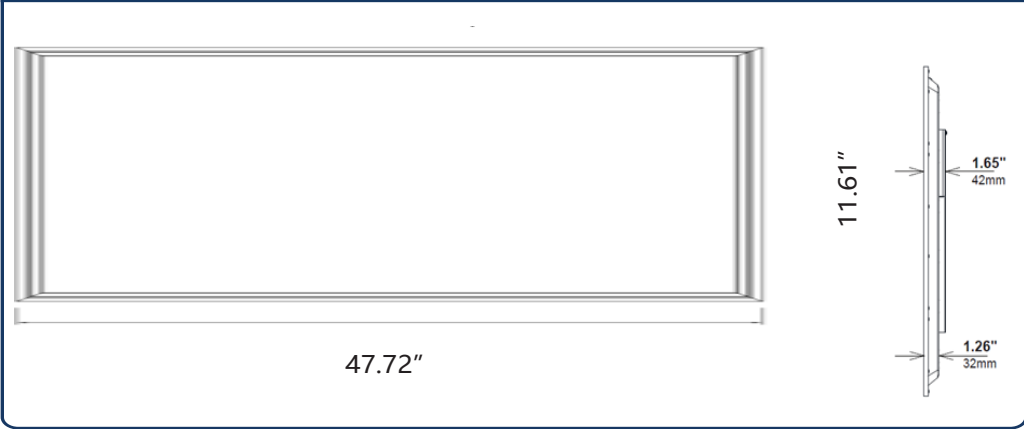
2X2



2X4

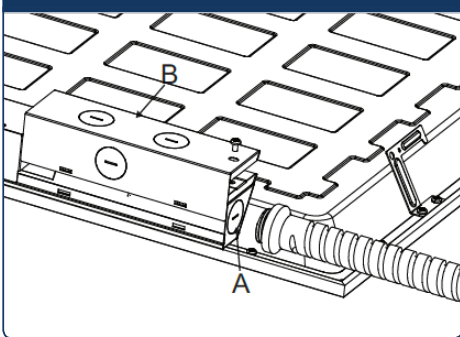


1x4

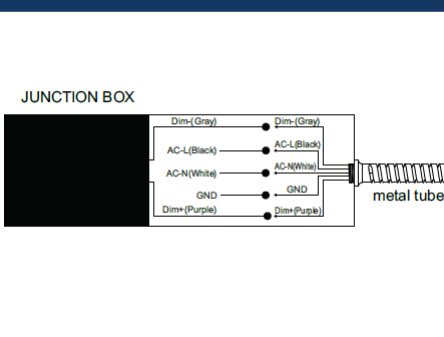


## WIRING GUIDE

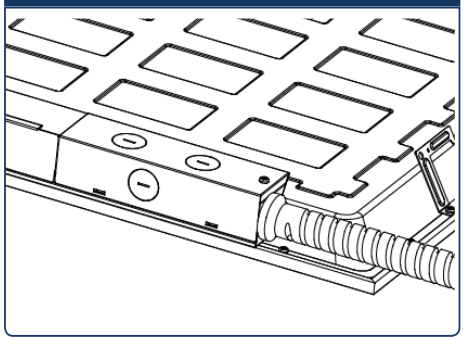
1. Remove the knock down hole on box by screwdriver



2. Connect the wire as the picture showing

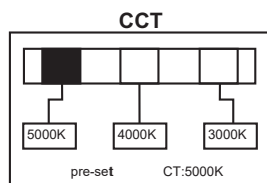
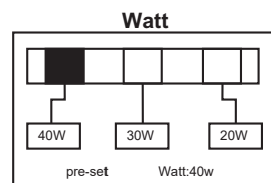


3. Cover the driver box and tighten it

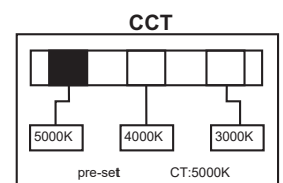
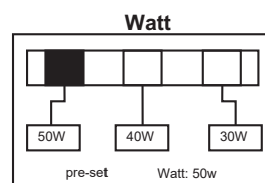


## Watt and CCT Selectable

1'x4' and 2'x2'

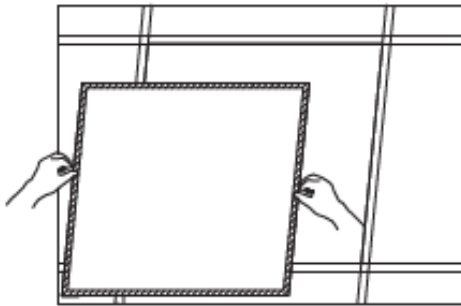


2'x4'



## PRODUCT INSTALLATION

### RECESSED

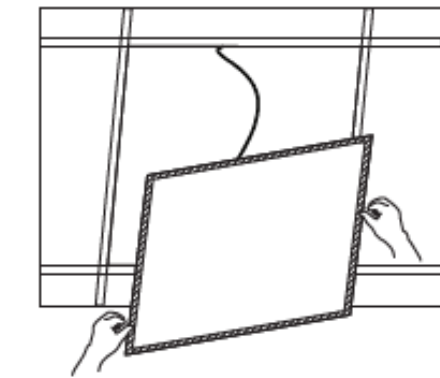
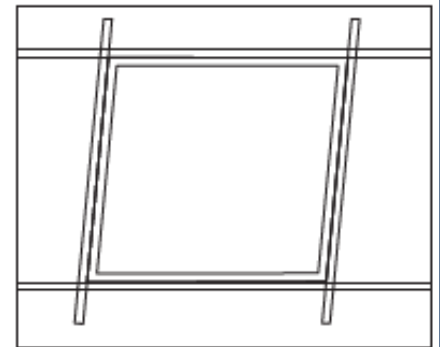
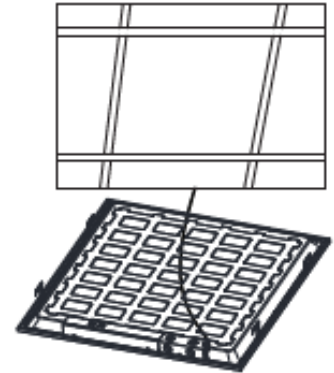


←  
① Remove the ceiling plaster slab.

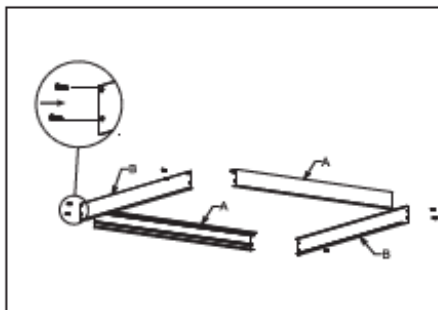
② Feed the main AC wire in driver terminal block respectively, connect the panel light and driver.

←  
③ Fix the panel light into plaster ceiling.

④ Make sure the led panel light is firmly fixed, turn on the power.



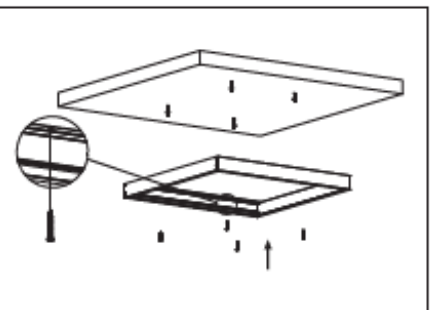
### SURFACE MOUNTED



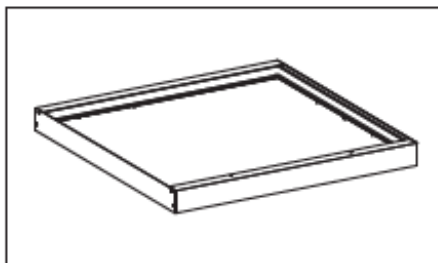
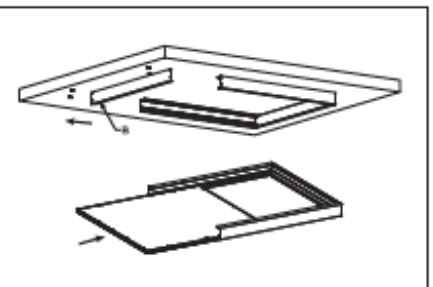
←  
① Assemble the surface mounted frame and fix by screws.

→  
② knock the plastic anchor into ceiling, fix the surface mounted frame on the ceiling by screws.

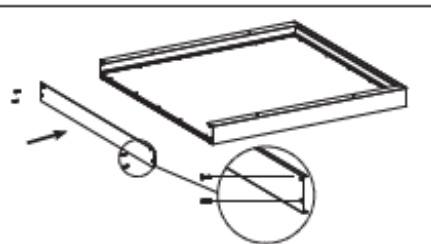
↓  
④ Fix the side frame back by screw.



③ Unscrew the side frame then take out, connect the panel light to power supply, insert the panel light into the frame.



↑  
⑤ Make sure the frame and panel light are firmly fixed, turn on the power.







Project Name: \_\_\_\_\_

Date: \_\_\_\_\_ Note: \_\_\_\_\_

## LED WALL PACK



**Application:** security, pathway and perimeter lighting, building entryways, walkways and much more

### Feature:

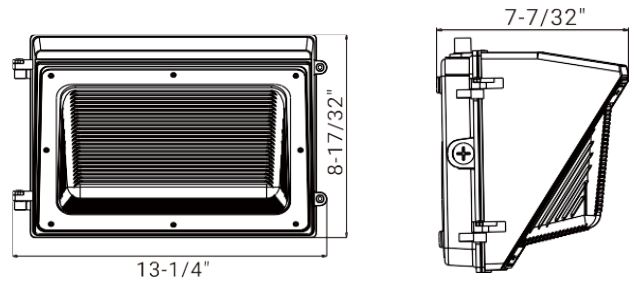
- IK08 prismatic glass cover lens
- Die-cast aluminum housing for best heat resistant
- Ingress Protection rating of IP65 for dust and water
- Enhanced surge protection: # Line-erth: 4KV; # Line-line: 6KV

### Certifications

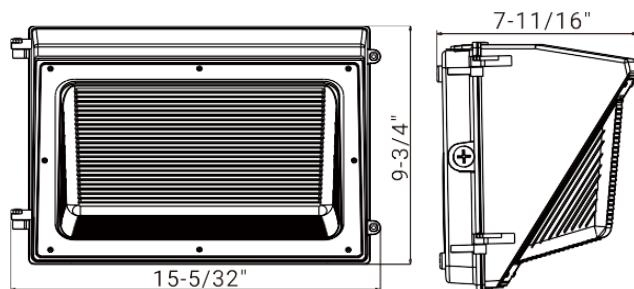


### PRODUCT DIMENSION

#### 60W



#### 100W



### SPECIFICATIONS:

Model No.	HYA-WP-60W-50K-(XX)	HYA-WP-100W-50K-(XX)
Wattage	60W	100W
Replace HID	175-200W	320W
Mounting Height	10'-20'	15'-25'
LED Chip Quantity	80	136
Lighting Angle	Semi Cut Off / 100°	
Lighting Efficiency	150 Lm/W	
Color Rendering Index	Ra>70	
Power Factor	>0.95	
Working Temperature	-22°F to 122°F (-30°C to + 50°C)	
Environment Location	IP 65 - Wet Location	
Lifespan	≥ 50000H	
Lampshell	DARK BROWN	
DLC ID	PL8RBUNNMBI7	PL2I02N8ETIS
Package Info	15"x12.2"x9.8"	16.9"x12.2"x9.8"
PC/Master Pack	1	1
Master Package Weight	9.73 LB	13.6 LB

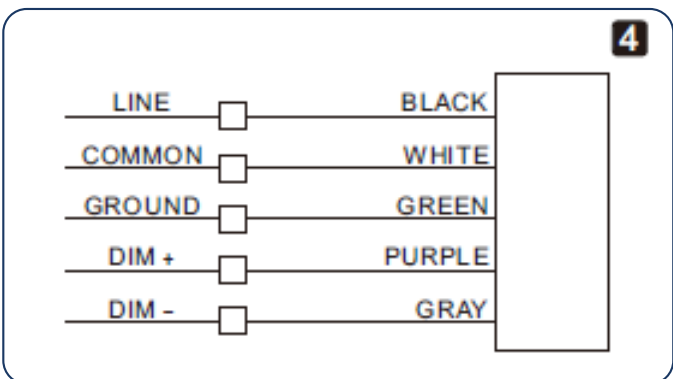
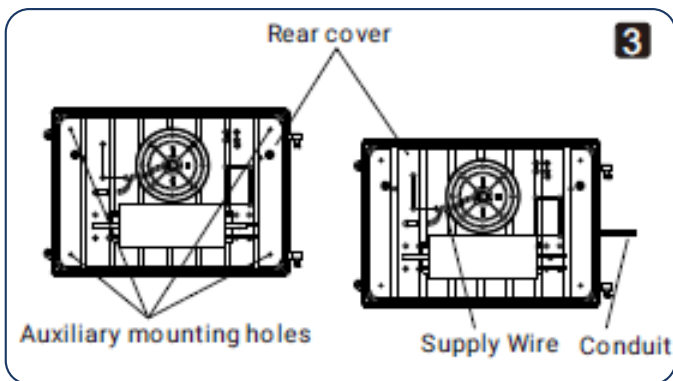
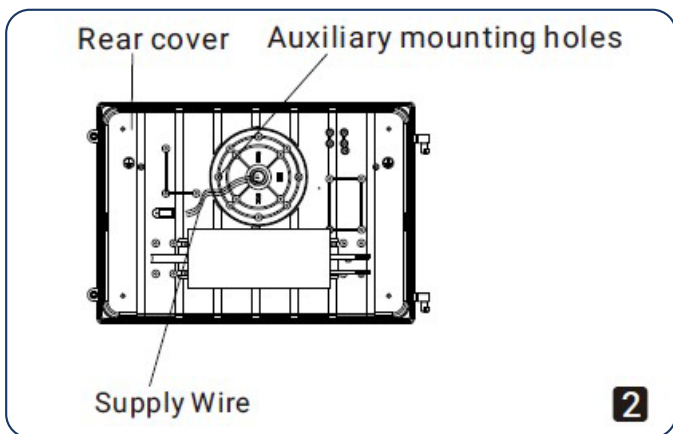
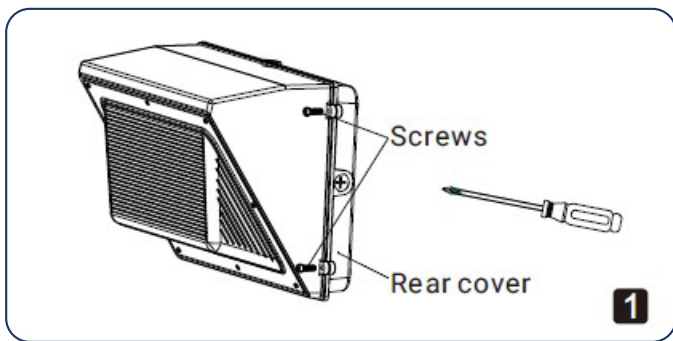
## ORDERING CODE DEFINITION

EXAMPLE: HYA-WP-60W-50K-PC/ HYA-WP-100W-50K

Company Code	Product	Power	CCT	Photocell Function
HYA	WP: LED Wall Pack Light	60W	5000K	NP/Blank: No Photocell PC: With Photocell Installed
		100W		

# INSTALLATION INSTRUCTION

## TO INSTALL



## LUMINAIRE INSTALLATION

### STEP 1 (Figure 1):

Remove two screws, remove the rear cover of the luminaire and pull the connector.

### STEP 2-1 (Onto a recessed 4" rectangular/ octagonal J-Box) (Figure 2):

1. Verify that supply power is off and that the J-Box is securely mounted within the structural surface.
2. Remove both J-Box fasteners from j-box (set aside for re-installation as needed)
3. Drill holes as J-Box required on the rear cover.
4. Position rear cover over J-Box feeding supply wires through the center of the rear cover and slit in gasket. Replace fasteners from step 2 (do not fully tighten).
5. Using a contractor level, ensure Rear cover is level and fully tighten fasteners (Use washers as required to ensure a secure fit).

### STEP 2-2 (Conduit-stub up) (Figure 3):

1. Drill holes on the rear cover as auxiliary mounting holes.
2. Verify that supply power is off. Using a contractor level, ensure rear cover is level and mark mounting surface through selected auxiliary mounting holes.
3. Drill holes as marked in step 1 and install appropriate mounting inserts capable of handling fixture load requirements.
4. Feed supply wires through the center of the rear cover and slit in gasket.
5. Ensure rear cover is level. Fully tighten fasteners (use washers as required to ensure a secure fit).

### STEP 2-3 (Conduit-surface) (Figure 3):

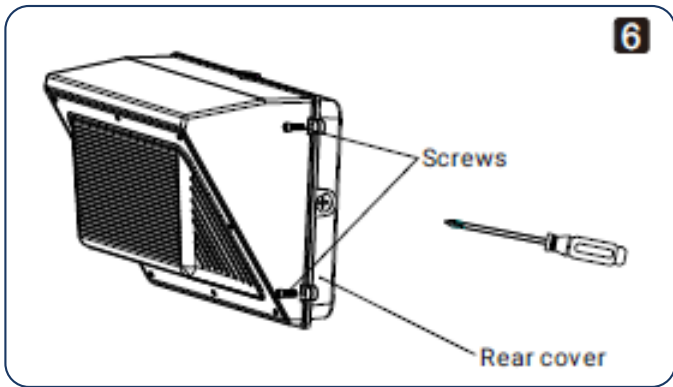
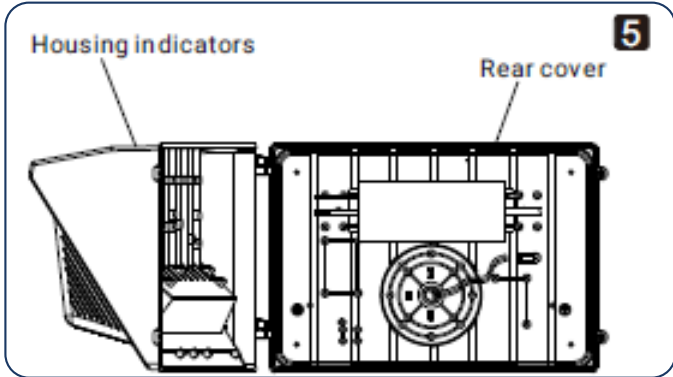
1. Drill holes on the rear cover as auxiliary mounting holes.
2. Verify that supply power is off. Using a contractor level, ensure rear cover is level and mark mounting surface through selected auxiliary mounting holes.
3. Drill holes as marked in step 1 and install appropriate mounting inserts capable of handling fixture load requirements.
4. Ensure rear cover is level. Fully tighten fasteners (use washers as required to ensure a secure fit).
5. Attach 1/2"NPT conduit fittings using the appropriate EMT rain tight compression connections(not provided) onto the factory machined conduit entry opening.

### STEP 3 (Figure 4):

Make supply wire (power and dimming) to fixture wire connections as required through splice access. Universal voltage driver permits operation at 120V through 277V (200V- 480V), 50 or 60 Hz. 0-10V control wires must be rated for 300V minimum, for 0-10V Dimming. follow the wiring directions as shown in figure below.

# INSTALLATION INSTRUCTION

## TO INSTALL



## LUMINAIRE INSTALLATION

### STEP 4(Figure 5):

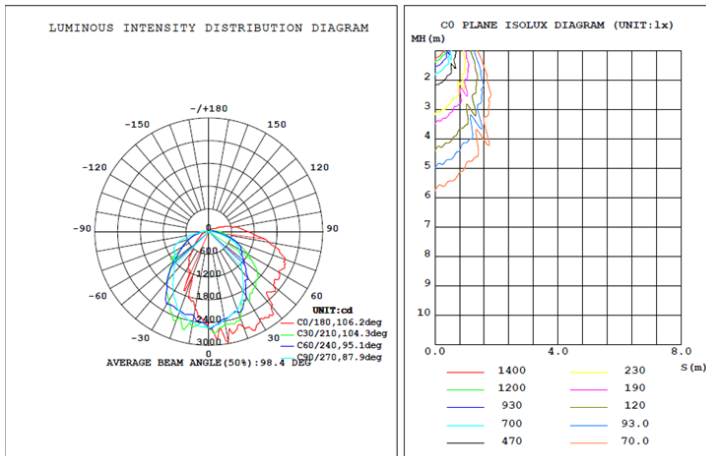
Fixture slightly upward, align fixture housing indicators with rear cover hooks and slip fixture back onto hooks and insert the connector.

### STEP 5 (Figure 6):

Close the housing indicators to the rear cover and fully tighten fasteners. The bottom shell is sprayed with glue and tightly sealed to the wall.

# PHOTOMETRIC REPORT

## 60W



## 100W

