



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

Schedule / Date: \_\_\_\_\_

Notes: \_\_\_\_\_

ETL No.: Intertek **5014001**

DLC Family Code: **YYFQZ**

ETL Certified for Safety

DLC 5.1 Premium Rated for Efficiency

High lighting efficiency: >145 lm/w, Ra>80;

True **100% OFF 0-10V** Dimming

Available with suspending installation and surface-mounted installation;

Wide application for: school, hospital, super market, office and warehouse;

Warranty: **5 Years**



## ORDERING GUIDE

SERIES	CATEGORY	SIZE	WATTAGE	CCT	SENSOR	VOLTAGE
JL	VAP   Vapor Tight	2FT   2FT	M25W   Tunable 12   12w 15   15w 18   18w 22   22w 25   25w	CCT   Tunable 35   3500k 40   4000k 50   5000k 57   5700k 65   6500k	Blank   None S   Sensor	VL   120-277V VH   120-347V

EXAMPLE: **JL-VAP-2FT-M25W-CCT-S-VL**

JL	VAP   Vapor Tight	4FT   4FT	M50W   Tunable 25   25w 30   30w 35   35w 40   40w 50   50w	CCT   Tunable 35   3500k 40   4000k 50   5000k 57   5700k 65   6500k	Blank   None S   Sensor	VL   120-277V VH   120-347V
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EXAMPLE: **JL-VAP-4FT-M50W-CCT-S-VL**

JL	VAP   Vapor Tight	8FT   8FT	M100W   Tunable 50   50w 60   60w 70   70w 80   80w 100   100w	CCT   Tunable 35   3500k 40   4000k 50   5000k 57   5700k 65   6500k	Blank   None S   Sensor	VL   120-277V VH   120-347V
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EXAMPLE: **JL-VAP-8FT-M100W-CCT-S-VL**



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## SPECIFICATIONS

SKU	53-3420					53-3421					53-3422				
MODEL NO.	JL-VAP-2FT-M25W-CCT-S-[VL,VH]					JL-VAP-4FT-M50W-CCT-S-[VL,VH]					JL-VAP-8FT-M10W-CCT-S-[VL,VH]				
DLC No.	S-X2DZ23					S-597D87					S-TVL4NL				
Brand	Kinlight					Kinlight					Kinlight				
Size	2FT					4FT					8FT				
Wattage	12w	15w	18w	22w	25w	25w	30w	35w	40w	50w	50w	60w	70w	80w	100w
Efficacy	135.2 LPW					136.05 LPW					135.8 LPW				
Luminous Flux	1560	1950	2340	2860	3250	3250	3750	4375	5000	6250	6250	7500	8450	10000	12500
Input @120V	105mA	131mA	157mA	192mA	219mA	219mA	263mA	307mA	350mA	438mA	438mA	526mA	614mA	701mA	877mA
12Vdc Output	Max Current 183mA					Max Current 360mA					Max Current 720mA				
Color Temp.	3500K   4000K   5000K   5700K   6500K														
Input Voltage	AC120-277V, 50/60Hz														
Dimmable	0-10V DC														
CRI	80														
Beam Angle (°)	120°														
THD	≤20%														
Flicker	No Flicker														
Power Factor	≥0.9														
IP Rate	IP65														
Working Temp.	-20°C ~ +55°C / -4°F ~ +131°F														
Storage Temp.	-40°C ~ +60°C / -40°F ~ +140°F														
Lifespan	50,000h														
Pcs/Carton	6					6					4				
Package Dims	25.59’’ x 14.37’’ x 8.50’’					49.21’’ x 14.37’’ x 8.50’’					96.85’’ x 9.84’’ x 8.90’’				
Weight	19.97 lbs					39.82 lbs					50.82 lbs				



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## PRODUCT AND CARTON DIMENSIONS

SIZE   SKU	DIAGRAM	DIMENSIONS
2FT   53-3420		<b>PRODUCT</b> 23.60" x 3.15" x 3.74" 2.36 LBS   1 Pcs <b>CARTON</b> 25.59" x 14.37" x 8.50" 19.97 LBS   6 Pcs
4FT   53-3421		<b>PRODUCT</b> 47.20" x 3.15" x 3.74" 4.1 LBS   1 Pcs <b>CARTON</b> 49.21" x 14.37" x 8.50" 39.82 LBS   6 Pcs
8FT   53-3422		<b>PRODUCT</b> 94.49" x 3.31" x 3.74" 9.19 LBS   1 Pcs <b>CARTON</b> 96.85" x 9.84" x 8.90" 50.82 LBS   4 Pcs



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\_\_\_\_\_

SIZE   SKU	40' HQ LOADING QTY.
2FT   53-3420	7962 pcs
4FT   53-3421	4140 pcs
8FT   53-3422	1664 pcs

The above simulation diagram does not calculate the height and weight of the pallet, and the size and weight information will be slightly different from the actual situation.

# INSTALLATION INSTRUCTIONS

## SUITABLE FOR MODEL

### SAFETY INSTRUCTION:



**READ CAREFULLY BEFORE INSTALLING FIXTURE. PLEASE KEEP THIS MANUAL FOR FUTURE USING.**

Fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety.

**THIS PRODUCE MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.**

**MAKE CERTAIN POWER OFF BEFORE INSTALLING OR MAINTAINING FIXTURE.**

**CHECK THAT VOLTAGE IS COMPATIBLE WITH FIXTURE DRIVER, USE APPROVED CONNECTORS FOR ALL ELECTRICAL CONNECTIONS.**

### WARNING:



#### RISK OF ELECTRICAL SHOCK

- Turn off electrical power at fuse or circuit breaker box before wiring fixture to the power supply.
- Turn off the power when you perform any maintenance.
- Verify that supply voltage is correct by comparing it with the luminaire label information.
- Make all electrical and grounded connections in accordance with the National Electrical Code and any applicable local code requirements.
- All wiring connections should be capped with UL approved wire connectors.

### CAUTION:



#### RISK OF INJURY

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Avoid direct eye exposure to the light source while it is on.
- Account for small parts and destroy packing material, as these may be hazardous to children.

### CAUTION:

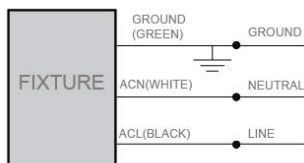


#### RISK OF FIRE

- Keep combustible and other materials that can burn away from luminaire and lamp/lens..
- MIN 90°C SUPPLY CONDUCTORS.

## WIRE CONNECTION

Universal Voltage permits operation at 120VAC thru 277VAC, 50 or 60 Hz.

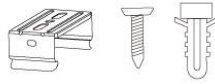


Make the following Electrical Connection:

- a). Connect the voltage supply line to ACL in Black.
- b). Connect the voltage supply Neutral to ACN in White.
- c). Connect Green ground lead to the supply ground lead.

## INSTALLATION

### ACCESSORY PACK



MOUNTING BRACKET X 2 FOR 2FT & 4FT  
MOUNTING BRACKET X 4 FOR 8FT

### SURFACE MOUNT

1. Turn off the power.
2. Use appropriate mounting hardware (not supplied) to secure the Mounting Brackets to mounting surface (2 for 2ft & 4ft and 4 for 8ft) based on the drill patterns. See Figure 1.
3. Push the Fixture into the Bracket Slot. See Figure 2.

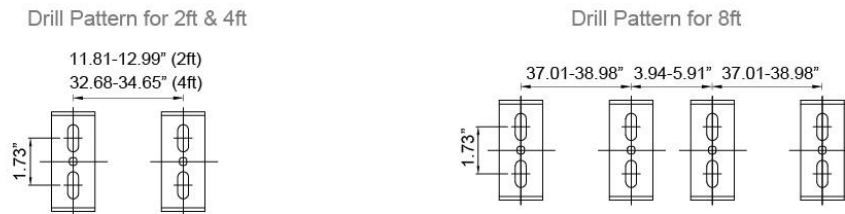


Figure 1

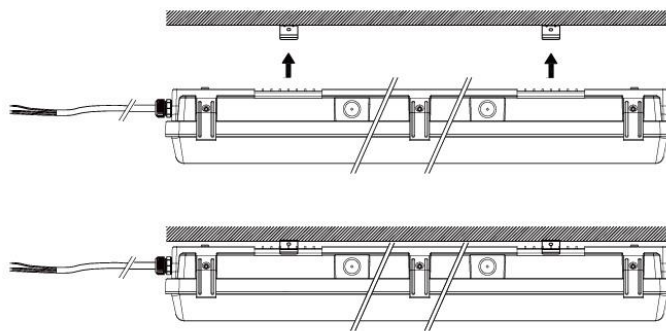


Figure 2

### CHAIN MOUNT

1. Install the Mounting Brackets (2 for 2ft & 4ft and 4 for 8ft) on luminaire.
2. Feed customer supplied V-Clips into holes of Mounting Brackets.
3. Attach customer supplied Chain to the V-Clips and mounting surface. Make sure the luminaire is balanced.
4. Connect wires as shown in wiring diagram with wire nuts.

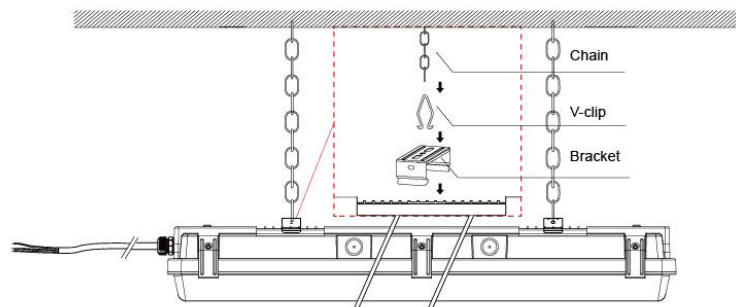


Figure 3