

NORTH AMERICAN INVENTORY

HIGH QUALITY ECOPOWER SPEC PRODUCTS

IN STOCK NOW & READY TO SHIP

SHIPS OUT IN 1-2 DAYS

Inventory as of Feb 9, 2020

PN#	INVENTORY
VTP2ST20WCWV4L2	4
VTP2ST20WNWV4-B03	2
VTP4ST 120WNW BOARD	10
VTP4ST 40W 0-10V DIMMABLE DRIVER V4	3
VTP4ST 40W 0-10V NON-DIMMABLE DRIVER V4	4
VTP4ST L1 LENS (40 & 54W)	283
VTP4ST L2 LENS (40 & 54W)	604
VTP4ST L4 LENS (40 & 54W)	10
VTP4ST120WCWV4L1	12
VTP4ST120WCWV4L2	76
VTP4ST120WCWV5-L2	6
VTP4ST120WNWV4	31
VTP4ST150W L1 LENS	15
VTP4ST150WCW BOARD	25
VTP4ST150WCWV4L1	1

PN#	INVENTORY
VTP4ST38WCWV4	13
VTP4ST38WCWV4L1	3
VTP4ST38WCWV5L2	2
VTP4ST40W35KV4-B03	8
VTP4ST40WCWV5L1	8
VTP4ST40WCWV5L2	92
VTP4ST40WNWV4L1	86
VTP4ST40WNWV4L1-B03	3
VTP4ST40WNWV4L2	488
VTP4ST40WNWV5L1	8
VTP4ST40WNWV5L2	10
VTP4ST55W35KV4-B03	16
VTP4ST55WCWV4-B01-B03	170
VTP4ST55WCWV4L1-B03	6
VTP4ST55WDLV4	16
VTP4ST55WN-WV4-B03-B00-B01	2

PN#	INVENTORY
VTP4ST55WNWV4L1-B03	51
VTP4ST55WNWV4L2	1
VTP4ST60WCWV4-B05-L1	2
VTP4ST60WCWV4L4	72
VTP4ST80WCWV4	1
VTP8ST100W L1 LENS	2
VTP8ST100W L2 LENS	50
VTP8ST100WCWV4L1	4
VTP8ST100WCWV4L2	1
VTP8ST100WCWV5L1	2
VTP8ST150W 5000K BOARD 100-277V	15
VTP8ST150WNWV4L1	1
VTP8ST80WCW BOARDS	19
VTP8ST80WNWV4L2	1

VTP VAPOUR TIGHT LUMINAIRE

LED A DIVISION OF
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2', 4' 20-120 watts, 130-150 lumens per watt specification grade polyester vapour resistant luminaire ideal for replacing T8s and T5s. NVLAP lab certified for NEMA 4x under cUL and CSA standards, and certified for agricultural applications including highly corrosive environments, such as hog barns.

FEATURES

- NVLAP lab certified for NEMA 4x under cUL CSA (20w, 40w, 55w models only)
- Certified for agricultural applications including highly corrosive environments (ie. hog barns)
- Super long life
- Stainless steel latches
- Dust and water resistant
- Poured in place continuous gasket will resist temporary immersion in water
- Solid state, high shock & vibration resistant
- Instant-start, no flickering, no humming, no mercury; no recycling costs

OPTIONS

- Suspension Chain Mount
- 0-10vDC Dimming
- Occupancy sensors/ Photo cells

EFFICACY	WATTAGES	VOLTAGES	KELVIN
130-150 L/w	20w/40w/55w/ 100w/120w/150w	100-277vAC / 347-480vAC	3000K / 4000K / 5000K

TECHNICAL SPECIFICATIONS		OPTICAL & PERFORMANCE SPECIFICATIONS	
Housing	Structurally rigid glass reinforced polyester housing & poured in place gasket with polycarbonate lens, with stainless steel latches	Efficacy	130-150L/w
Finish	Grey	Lumen Output	2' - 20w: 2,700L* // 4' - 40w: 5,400L* 55w: 7,425L* 100w: 14,500L** 120w: 17,400L** 150w: 20,250L**
Mounting	Offset mounting pads keep luminaire level & slightly off mounting surface	IP Rating	IP65
Applications	Canopies, cold storage, garage/workshop, parking garages, food processing	NEMA Rating	NEMA 4X
ELECTRICAL SPECIFICATIONS		CRI	>80
LED Engine	22/40/55w: Hongli LED 100/120/150w: LG	Beam Angles	20w: 120° 40-150w: 150°
Driver	Meanwell	L70	20w: >70,000 hours 40-120w: >200,000 hours
Power Factor	>0.56	LM80	>55°C 2000 hrs 112%
Ambient temperature	20/40/55w: -40° to 50°C / -40° to 122°F 100/120/150w: -30° to 40°C / -22° to 104°F	LM79	130-150 L/w
Available Voltages	110-277v standard, 347-480v	Certifications	Approved to CSA and UL standards (UL, or equivalent, marked only when specified). DLC listed (see following page for full list of models)

* 5000K / Clear lens (±5%)

** 5000K / Opal Diffuser Light Output (±3%)



CONTROLS

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B03 ADDER



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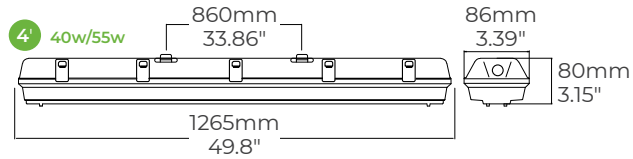
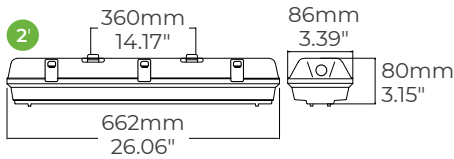
Warranty is only valid based on fixtures operating for 12 hours or less per day.

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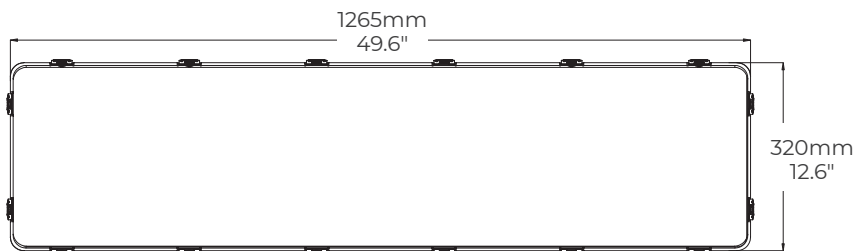
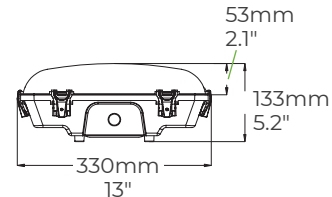
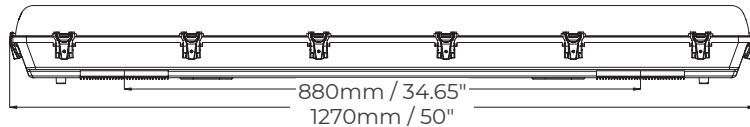
VTP VAPOUR TIGHT LUMINAIRE



DIMENSIONS



4' 100w/120w/150w



PRODUCT CODE GENERATOR Some combinations of adders may not be possible, email quotes@ecopowerinc.com for further info.

VTP		ST					
Size (')	Body	Wattage	Kelvin	Tandem	Voltage	Options	
2	ST (Standard)	20w	WW (3000K) NW (4000K) CW (5000K)	Blank = N/A T2 – Two Disjointed housings	V4 (100-277vAC) V5 (347-480vAC)	B00-1 Photocell 120v B00-2 Photocell 220v B00-3 Photocell 277v B03 0-10vDC Dimmable CL(XXXL) Custom Lumen B07 Driver Disconnect – Inline power disconnect (CSA,UL req'd for voltages above 150v)	
4		40w 55w 100w 120w 150w				B30* Emergency Lighting Battery Pack - Spec Grade B12** Occupancy Sensor - Microwave Merrytek MC054VRC D	

Lensing

L1	Clear Lens (standard)
L2	Frosted Lens
L4	Striated Lens

Mounting Options

H06	10ft Hook Suspension Kit
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Wiring Options

ATC2FT	1/2" Tandem Connector 2'
ATC4FT	1/2" Tandem Connector 4'
ATC8FT	1/2" Tandem Connector 8'
BTC2FT	3/4" Tandem Connector 2'
BTC4FT	3/4" Tandem Connector 4'
BTC8FT	3/4" Tandem Connector 8'

* Supplied separately; not installed

** V4 only



Tandem Connectors
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DLC LISTED PRODUCTS

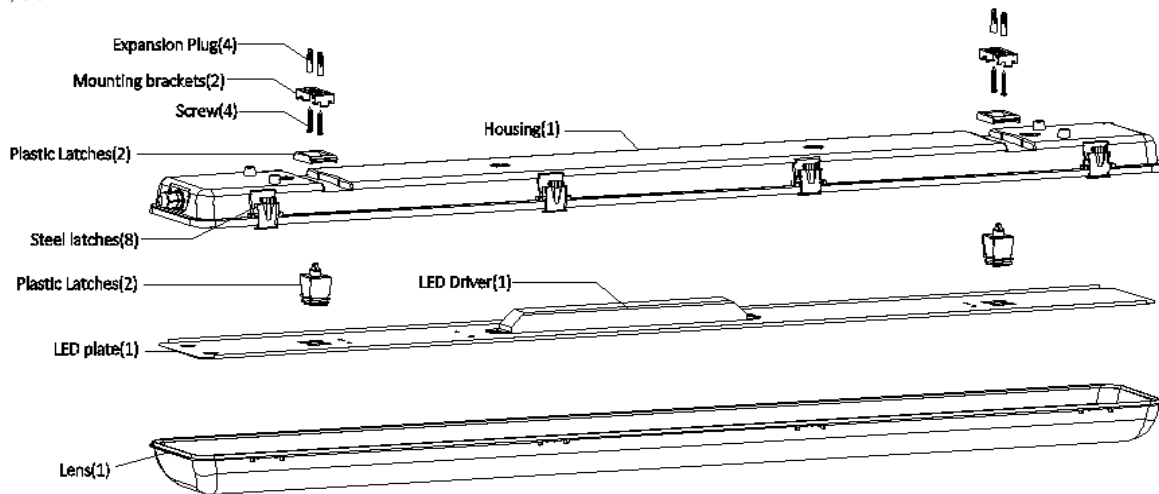
Models	Classification	Version
VTP4ST40WCWV4XX-B03	Standard	4.4
VTP4ST40WCWV4L2		
VTP4ST40WNWV4L2		
VTP4ST40WNWV4XX-B03		
VTP4ST40WNWV4L1		
VTP4ST40WCWV4L1		



Models	Classification	Version
VTP4ST55W35KV4L1-B03	Premium	4.4
VTP4ST55WCWV4L2		
VTP4ST55WWV4L1-B03		
VTP4ST55WNWV4L2		
VTP4ST40W35KV4L1-B03		
VTP4ST55WNWV4L1-B03		
VTP4ST40W35KV4L1		
VTP4ST55WNWV4L2-B03		
VTP4ST40WWV4L1		
VTP4ST55WCWV4L2-B03		
VTP4ST55W35KV4L1		
VTP4ST55WDLV4L1		
VTP4ST40WWV4L1-B03		
VTP4ST55WCWV4L1		
VTP4ST55WWV4L1		
VTP4ST55WNWV4L1		
VTP4ST55WCWV4L1-B03		

INSTALLATION

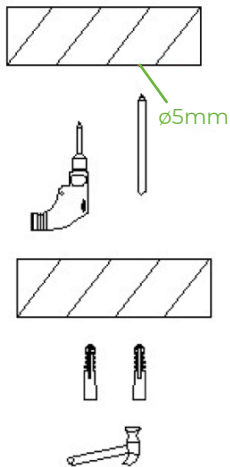
20W/40W/55W



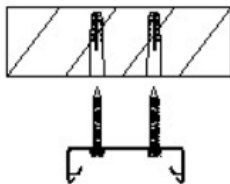
SURFACE MOUNT

1: Carefully open the fixture, take off the accessories pack and disconnect power supply, ensuring inner wires are not damaged.

2: Punch 4 ø5mm holes and insert four expansion plugs.



3: Affix both mounting brackets with supplied screws.

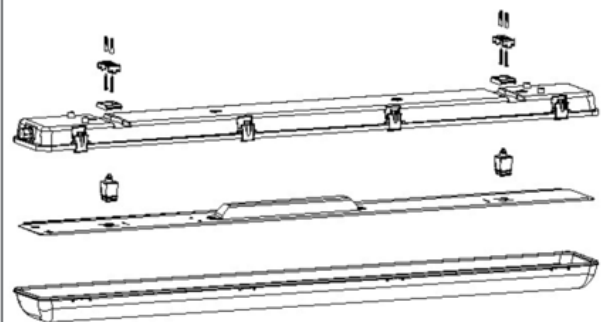


5: Connect AC cord to DC cord by connectors.

6: Fix the LED plate to housing with plastic latches.

4: Attach housing to mounted brackets using plastic latches and insert AC cord into housing.

7: Close the cover and clamp the steel latches. The lamp is ready to light up once powered.



INSTALLATION

20W/40W/55W

SUSPENSION MOUNT

Mount the suspension cable to ceiling and fix it to housing body.



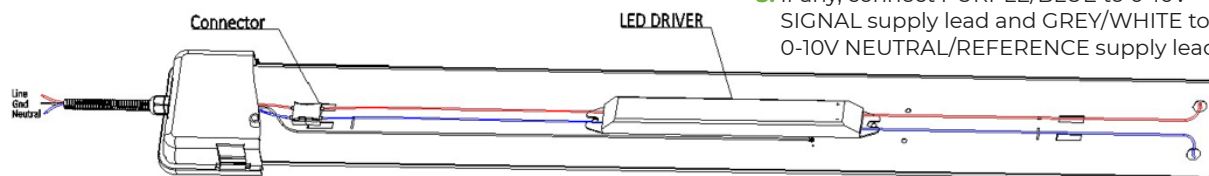
WIRING

- 1: Wire input end of the LED driver to supply wires using provided connectors according to wiring section. Wire connections must be insulated.
- 2: Connect the BLACK/BROWN lead to LINE (+) supply lead.

3: Connect the WHITE/BLUE lead to NEUTRAL/Common (-) supply lead.

4: Connect the GREEN lead to GROUND supply lead.

5: If any, connect PURPLE/BLUE to 0-10V SIGNAL supply lead and GREY/WHITE to 0-10V NEUTRAL/REFERENCE supply lead.



Disconnect power before insulating or servicing

All electrical work should be completed by qualified personnel and meet national (NEC), regional, and local electrical codes.

ELECTRICAL SYSTEM

- Hot/Line
- Neutral/Common
- Ground

0-10V DIMMING SYSTEM (IF ANY)

- 0-10v Signal
- Neutral/Reference

VTP |

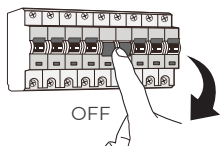
VAPOUR TIGHT LUMINAIRE

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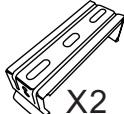
INSTALLATION

100W/120W/150W

A

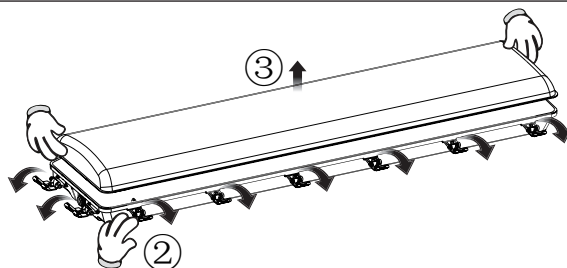
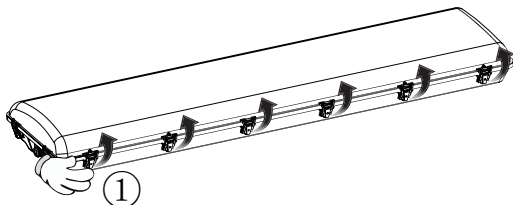


INCLUDED HARDWARE

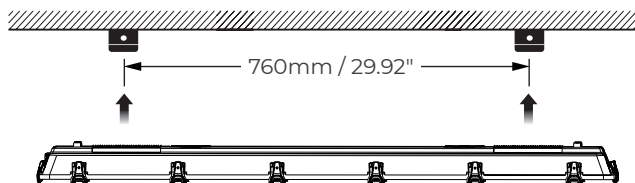
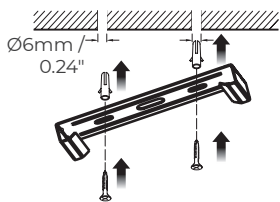
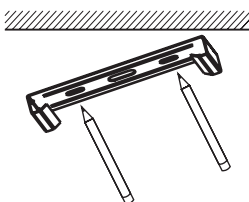


X1

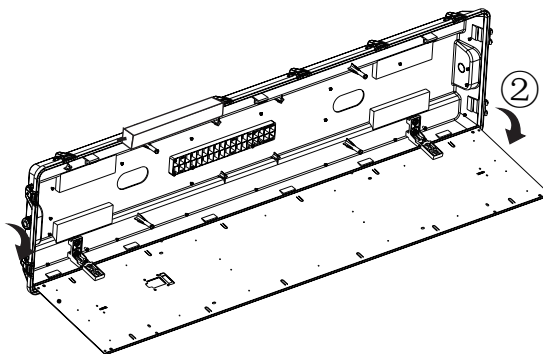
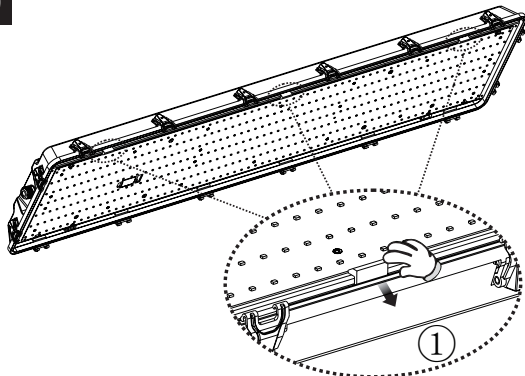
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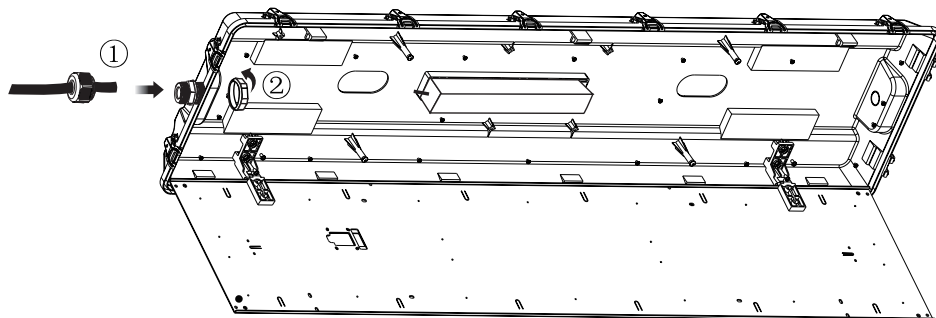
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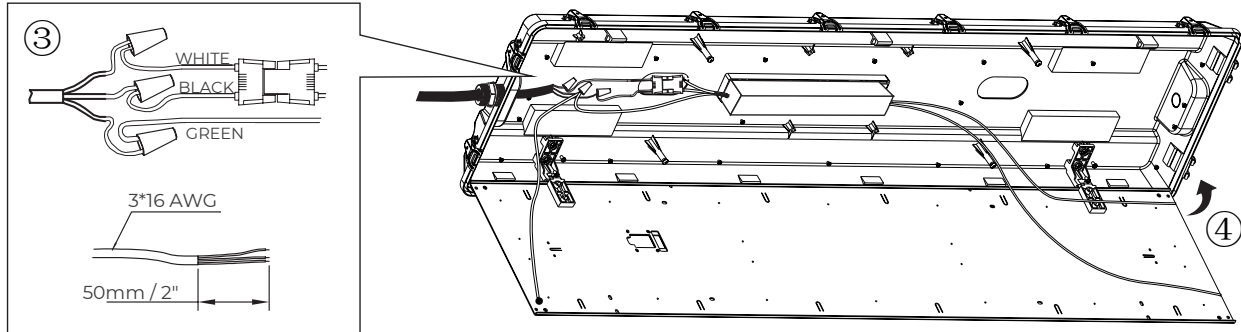
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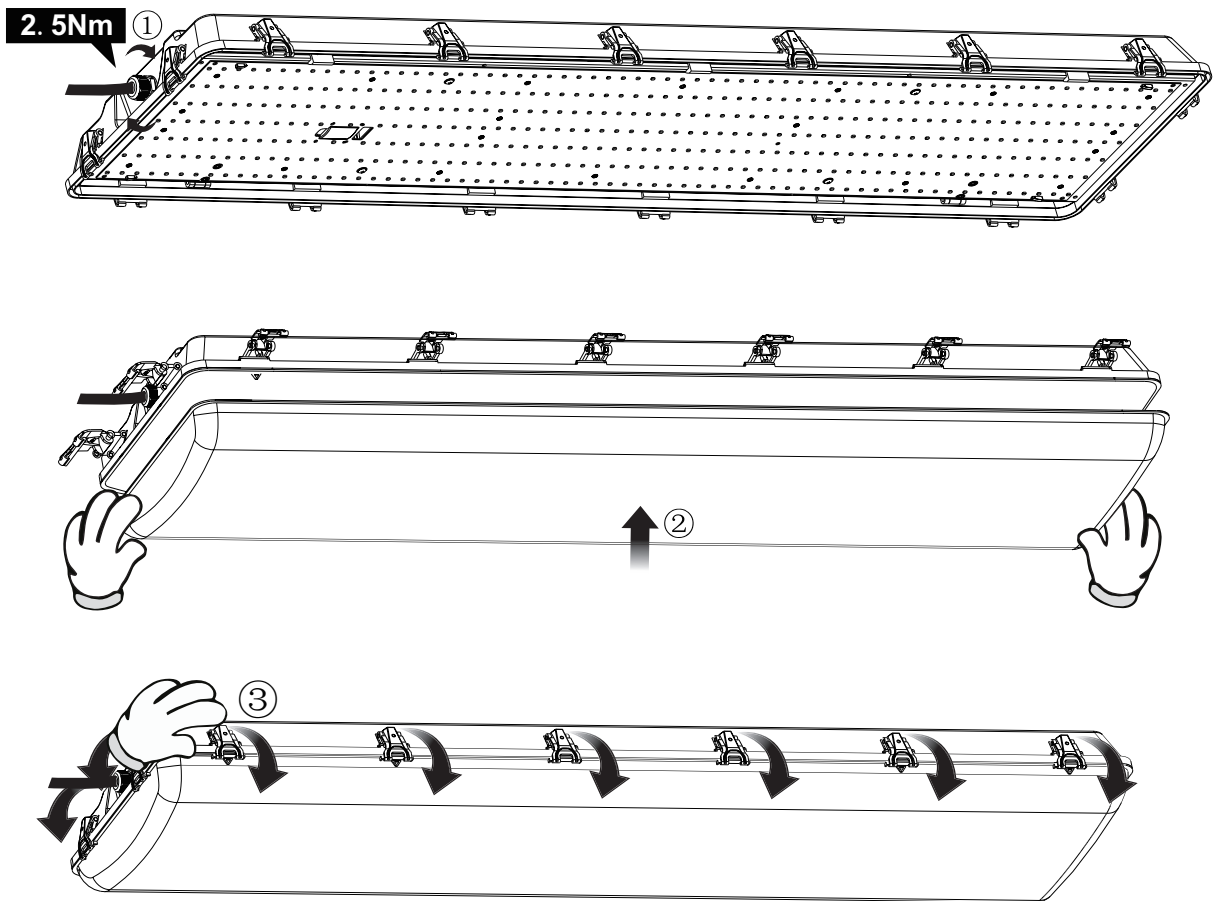
INSTALLATION

100W/120W/150W CONTINUED...

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F



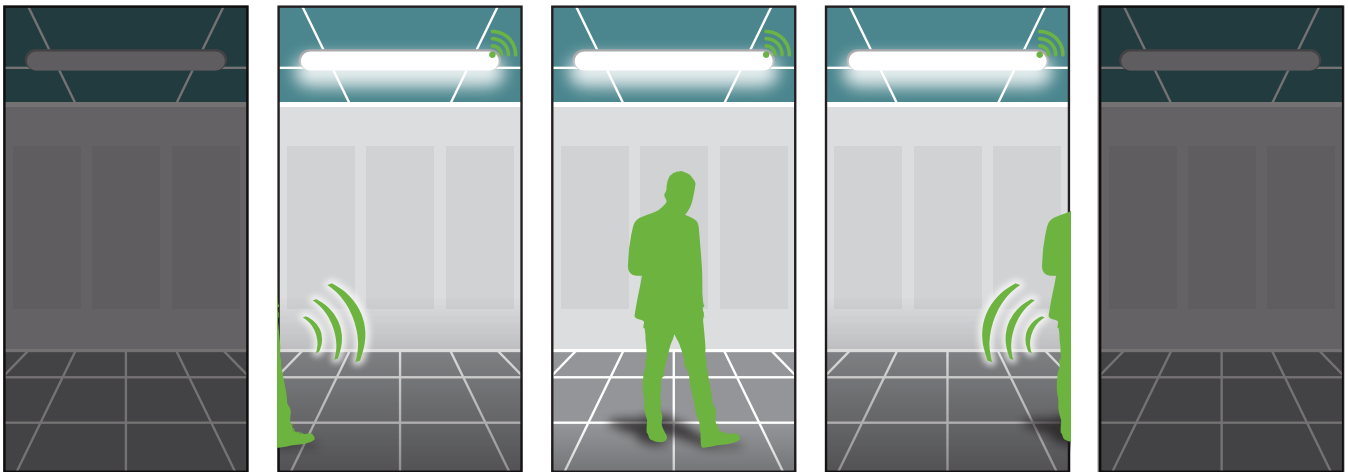
CONTROLS INTEGRATION

Available with B03 adder

CONTROLS

Light when you need it. Savings when you don't.

Advanced sensors work in combination with dimming to provide full illumination only when needed, returning to a reduced level when the area is unoccupied - saving overhead on energy costs. CONTROLS systems use artificial intelligence to predict peak times on the grid and provides advanced notice about potentially expensive time, allowing you to take action to further minimize your costs by reducing your power draw.



VTP8 8' VAPOUR TIGHT LUMINAIRE

ecoLED™
A DIVISION OF **ecopower**



FEATURES

- NVLAP lab certified for NEMA 4x under cUL CSA
- Certified for agricultural applications including highly corrosive environments (ie. hog barns)
- Super long life
- Stainless steel latches
- Dust and water resistant
- Poured in place continuous gasket will resist temporary immersion in water
- Solid state, high shock & vibration resistant
- Instant-start, no flickering, no humming, no mercury; no recycling costs

OPTIONS

- Chain Sets
- 0-10vDC Dimming
- Occupancy Sensors/ Photo Cells
- Frosted or Clear Striated Lens Options

8' 80-150 watts specification grade polyester vapour resistant luminaire ideal for replacing T8s and T5s. NVLAP lab certified for NEMA 4x under cUL and CSA standards, and certified for agricultural applications including highly corrosive environments, such as hog barns.

EFFICIENCY	WATTAGES	VOLTAGES	KELVIN
130 L/w	80w / 100w / 120w	100-277vAC / 347vAC	3000K / 4000K / 5000K

TECHNICAL SPECIFICATIONS		OPTICAL & PERFORMANCE SPECIFICATIONS	
Housing	Structurally rigid glass reinforced polyester housing & poured in place gasket with polycarbonate lens, with stainless steel latches	Lumen Output	80w: 10,400L 100w: 13,000L 120w: 15,600L
Finish	Grey	IP Rating	IP65
Lens	Clear standard; frosted, striated options	NEMA Rating	4x
Mounting	Surface mount standard; pendant mount option	CRI	>80
Applications	Canopies, cold storage, garage/workshop, parking garages, food processing	THD	<20%
		Beam Angles	120°
		L70	>200,000 hours
		LM80	>50,000 hours
		Certifications	Approved to CSA and UL standards (UL, or equivalent, marked only when specified). DLC Listed - see full list of models on following page.

ELECTRICAL SPECIFICATIONS	
LED Engine	
Power Factor	>0.9
Ambient temperature	-40° to 50°C -40° to 122°F
Available Voltages	110-277v standard, 347-480v



ecoCONTROLS
INTEGRATIONS

AVAILABLE WITH
B03 ADDER



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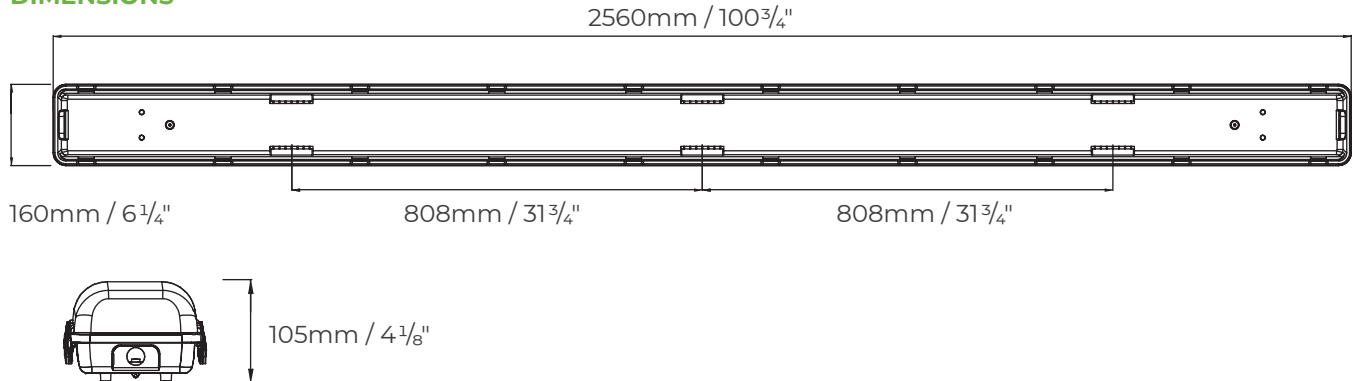
Warranty is only valid based on fixtures operating for 12 hours or less per day.

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VTP8 8' VAPOUR TIGHT LUMINAIRE

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DIMENSIONS



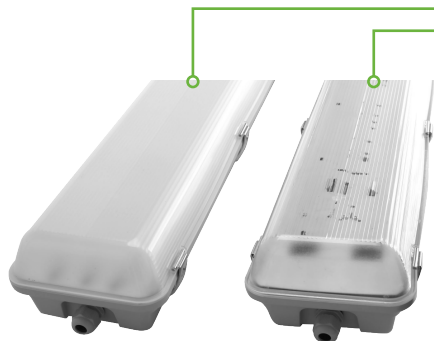
DLC LISTED MODELS

Models	Classification	Version
	Premium	4.4



PRODUCT CODE GENERATOR Some combinations of adders may not be possible, email quotes@ecopowerinc.com for further info.

VTP8	ST					
Body	Wattage	Kelvin	Tandem	Voltage	Options	
ST (Standard)	80w 100w 120w	WW (3000K) NW (4000K) CW (5000K)	Blank = N/A T2 – Two Disjointed housings	V4 (100-277vAC) V5 (347v)	B00-1 Photocell 120v B00-2 Photocell 220v B00-3 Photocell 277v B03 0-10vDC Dimmable B07 Driver Disconnect – Inline power disconnect (CSA,UL req'd for voltages above 150v) B30* Emergency Lighting Battery Pack - Spec Grade Lens L1 Clear Lens (standard) L2 Frosted Lens L4 Striated Lens Mounting Options H06 10ft Hook Suspension Kit Wiring Options ATC2FT 1/2" Tandem Connector 2' ATC4FT 1/2" Tandem Connector 4' ATC8FT 1/2" Tandem Connector 8' BTC2FT 3/4" Tandem Connector 2' BTC4FT 3/4" Tandem Connector 4' BTC8FT 3/4" Tandem Connector 8'	



Tandem Connectors
IP66 Rated · UL Certified

* Supplied separately; not installed

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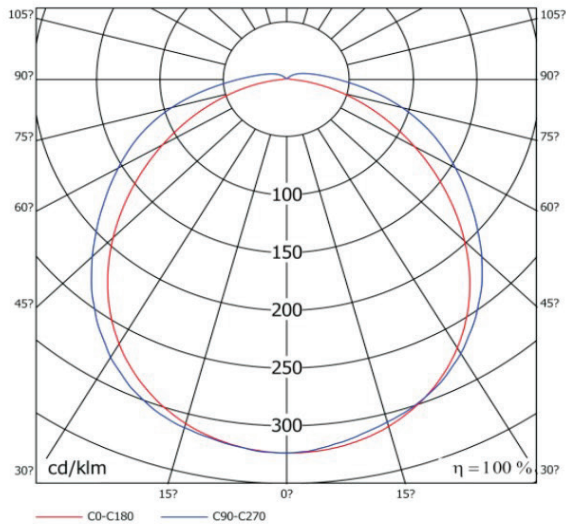
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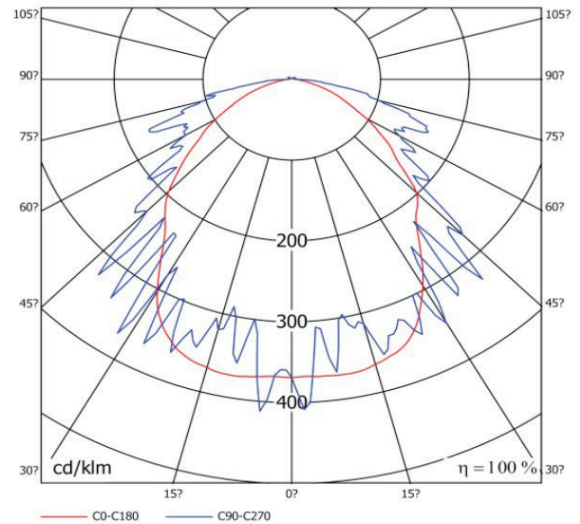
VTP8 8' VAPOUR TIGHT LUMINAIRE

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PHOTOMETRICS



FROSTED LENS

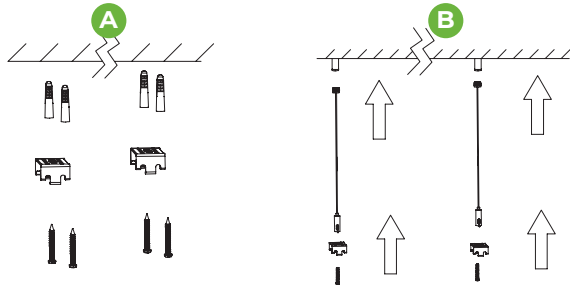


CLEAR LENS

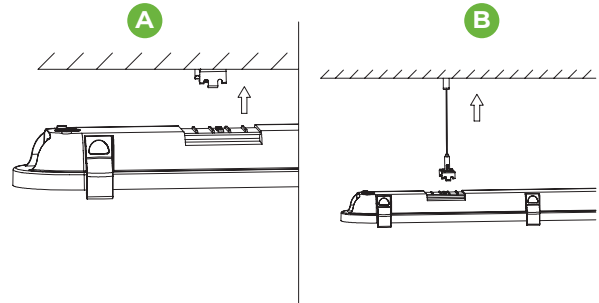
VTP8 | 8' VAPOUR TIGHT LUMINAIRE

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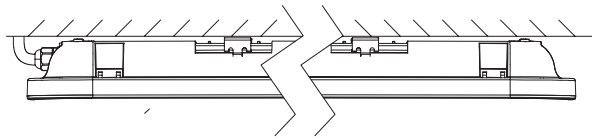
INSTALLATION



- 1:** Identify installation location and check for existing wiring/piping prior to drilling and installing cables. Affix the mounting brackets (A) / suspension brackets (B) to the ceiling as the correct spacing as per the dimensions listed on the spec sheet.

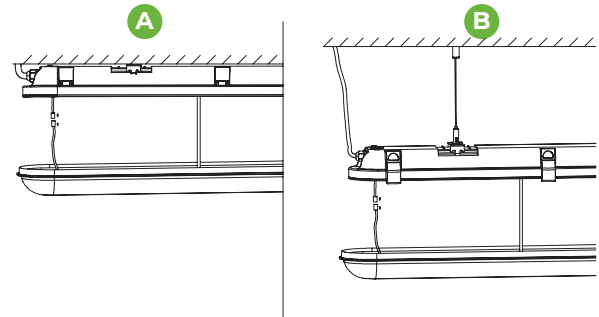


- 2:** Position and mount the base using the pre-fixed mounting brackets (B) / suspension kits (B)

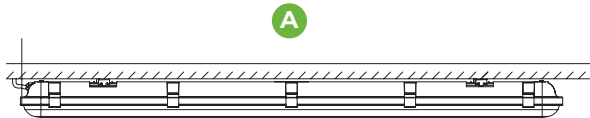


L (Black)
GND (Yellow/Green)
N (White)

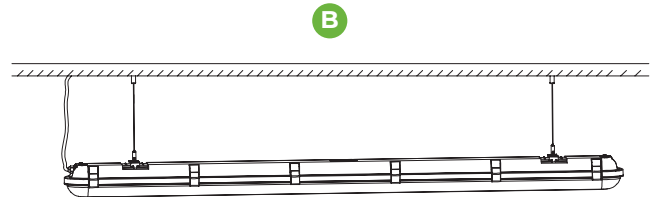
- 3:** Wire the fixture accordingly.



- 4:** Check all connections are sound and properly insulated, and fit the tray back in the casing.



- 5:** Re-fit the diffuser to the base and secure all clips.



8' VAPOUR TIGHT LUMINAIRE

VTP8

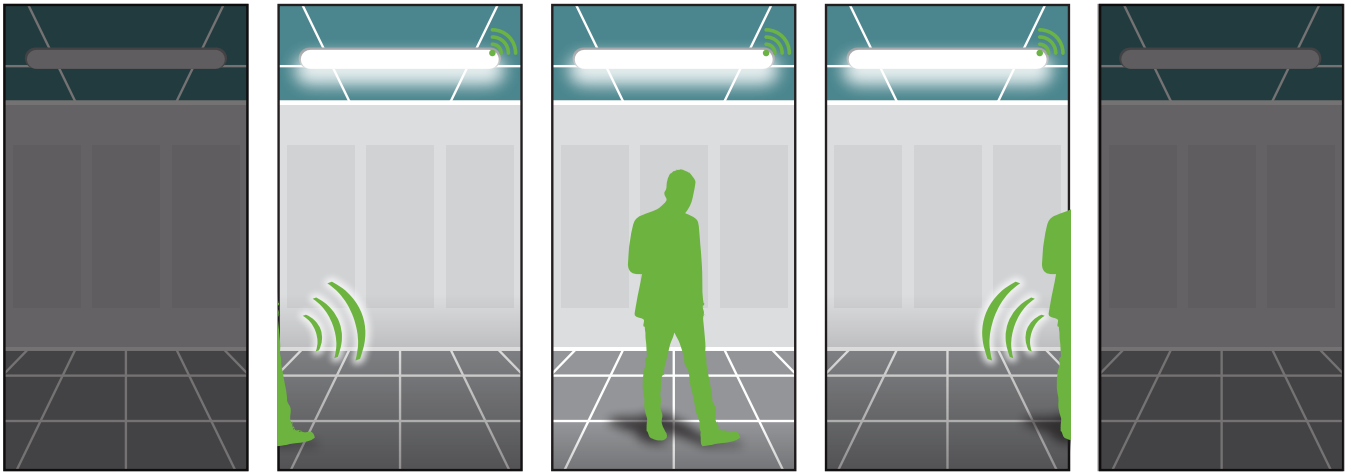
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ECOCONTROLS INTEGRATION Available with B03 adder



Light when you need it. Savings when you don't.

Advanced sensors work in combination with dimming to provide full illumination only when needed, returning to a reduced level when the area is unoccupied - saving overhead on energy costs. EcoCONTROLS control systems use artificial intelligence to predict peak times on the grid and provides advanced notice about potentially expensive time, allowing you to take action to further minimize your costs by reducing your power draw.



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