

VTP VAPOUR TIGHT LUMINAIRE

LED A DIVISION OF
ecopower



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

AVAILABLE WITH
B03 ADDER



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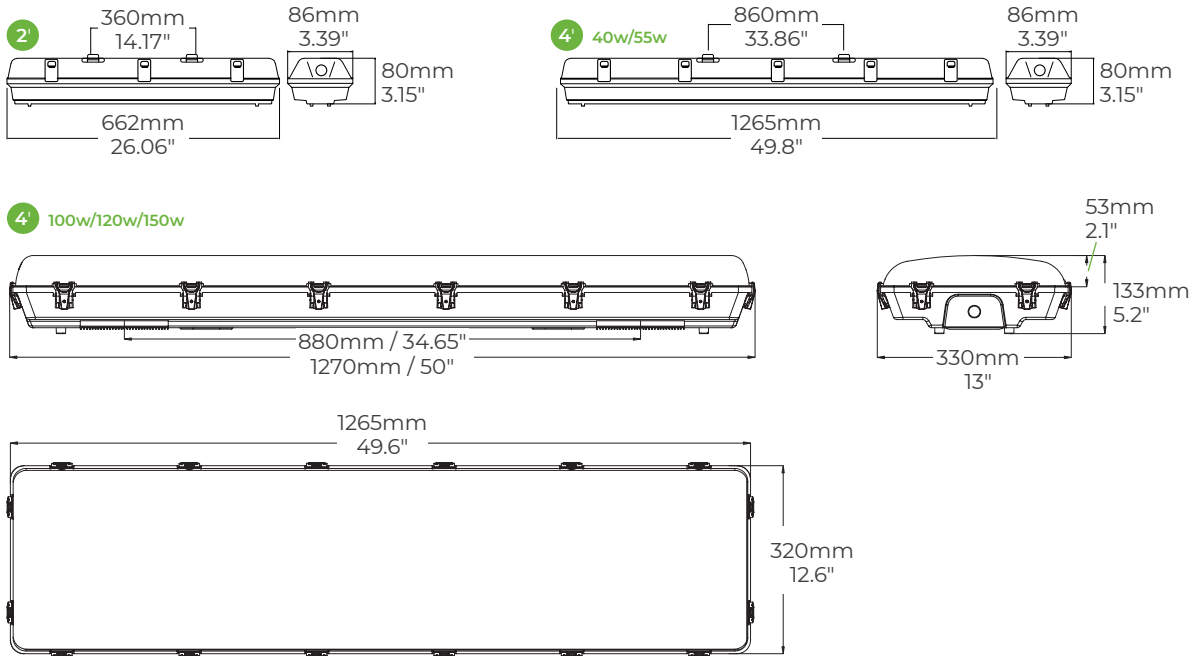
Warranty is only valid based on fixtures operating for 12 hours or less per day.

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DIMENSIONS



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 |
|-----|--------------------------|

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
IP66 Rated · UL Certified

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DLC LISTED PRODUCTS

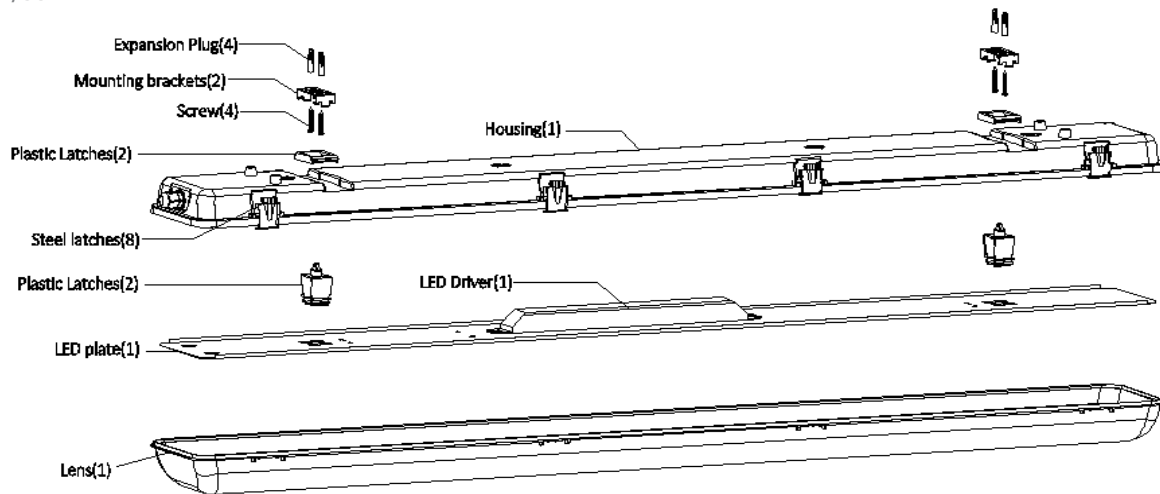
| Models | Classification | Version |
|---------------------|----------------|---------|
| VTP4ST40WCWV4XX-B03 | Standard | 4.4 |
| VTP4ST40WCWV4L2 | | |
| VTP4ST40WNWV4L2 | | |
| VTP4ST40WNWV4XX-B03 | | |
| VTP4ST40WNWV4L1 | | |
| VTP4ST40WCWV4L1 | | |



| 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

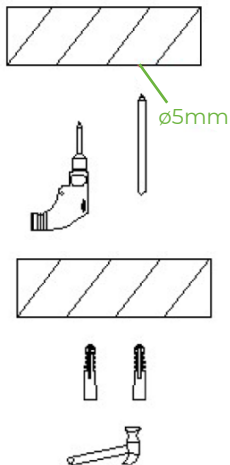
20W/40W/55W



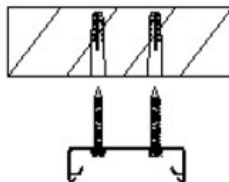
SURFACE MOUNT

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.

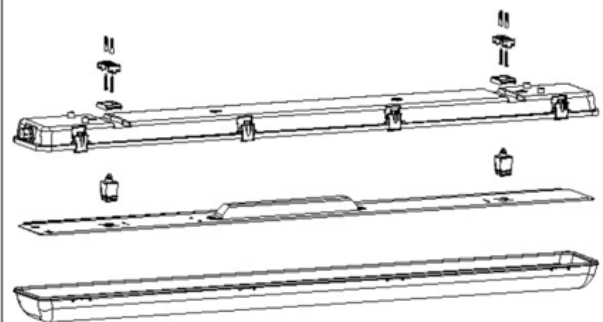


5: Connect AC cord to DC cord by connectors.

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.



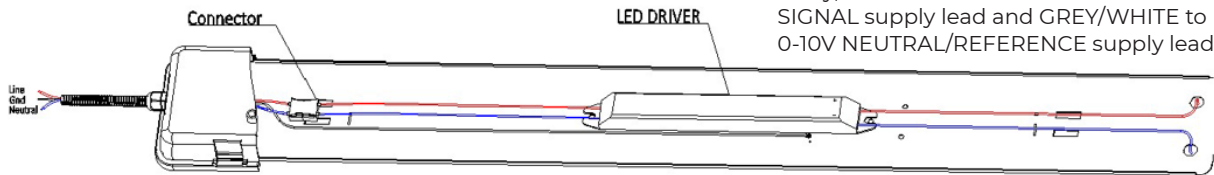
WIRING

- 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 |

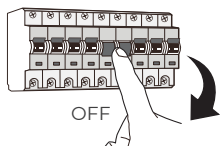
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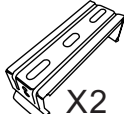
INSTALLATION

100W/120W/150W

A

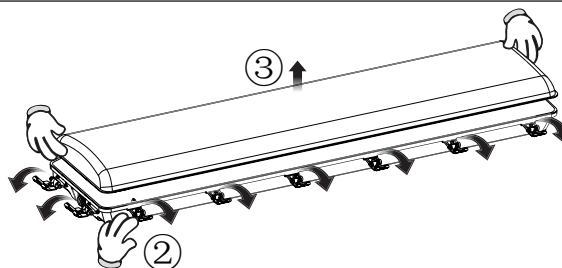
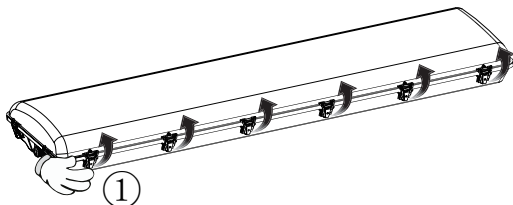


INCLUDED HARDWARE

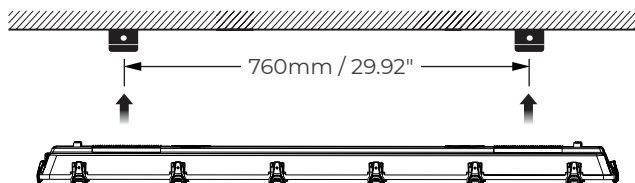
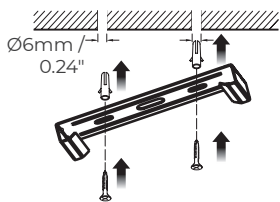
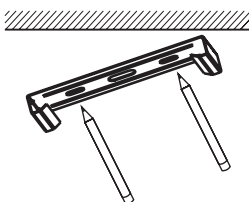


X1

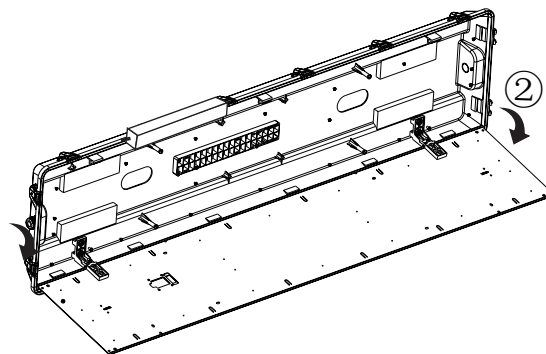
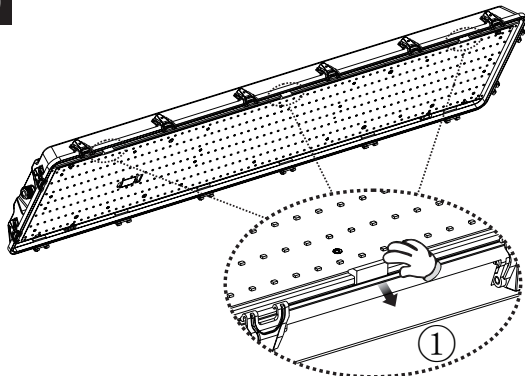
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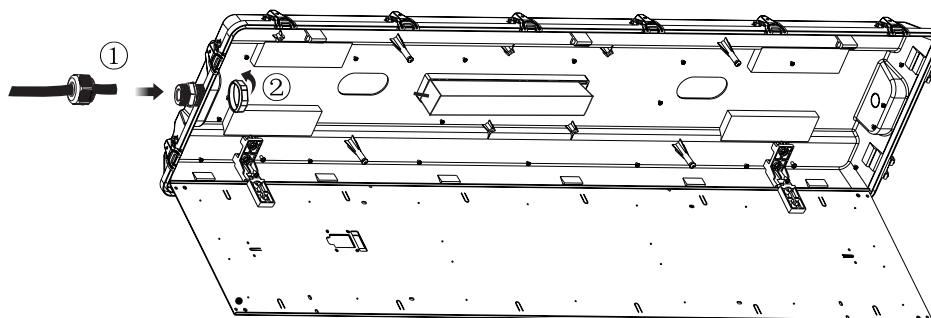
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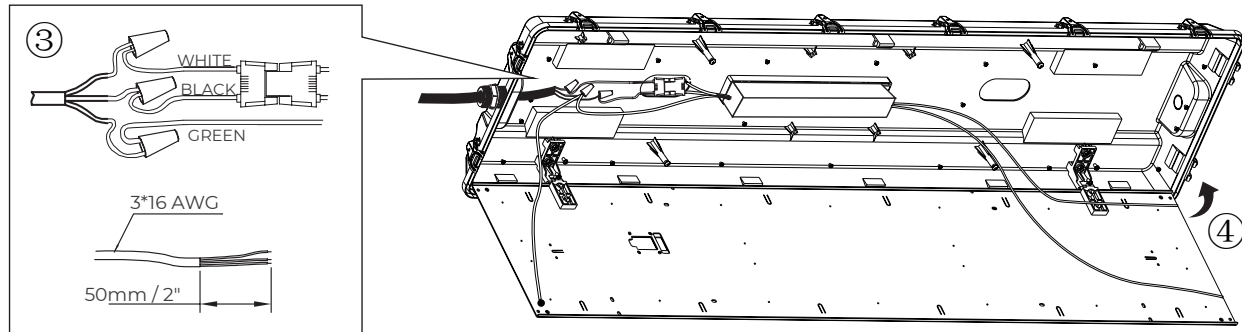
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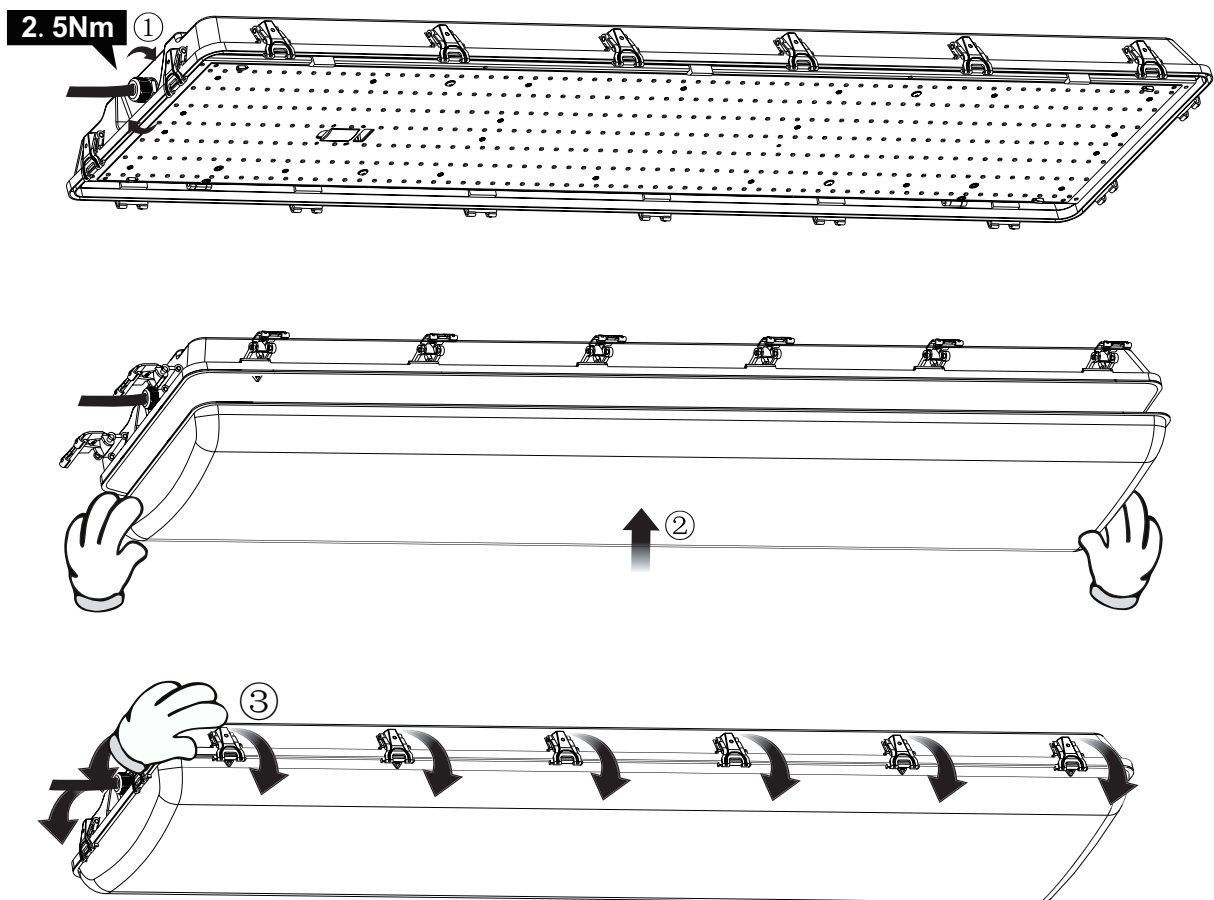
INSTALLATION

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.

