



# LED VaporProof Fixture

## High Efficiency Series

ASD LED VaporProof fixtures are a modern contemporary lighting fixture widely used in many different commercial and residential environments. It has many features that make it the perfect choice for wet and dusty locations. They can be used in car washes, warehouses, parking garages, stairwells, pool areas, etc.

ASD LED Vaporproof fixtures will significantly reduce energy consumption and decrease your energy costs. They are very easy to install and are the perfect replacement for your existing fluorescent fixture. A polycarbonate body makes this fixture impact resistant and able to maintain its luster over time.

ASD LED Vaporproof fixtures are maintenance-free and produce bright, high quality light without shadows. Our affordable price makes it an ideal option for any commercial or residential application.



### FEATURES AND BENEFITS:

- ▶ Contemporary design
- ▶ 3500K, 4000K & 5000K available
- ▶ High efficiency – 110 lm/Watt
- ▶ Low energy consumption
- ▶ Suitable for Wet Locations
- ▶ Surface mounted luminaire
- ▶ cULus certified
- ▶ DesignLights™ Consortium (DLC) listed
- ▶ LED lifetime >100,000 hrs
- ▶ 5-year limited warranty



### ORDERING MATRIX:

| Family         | Size | Dimmable     | Watts | CCT         | Lens                   | Luminous Efficiency |
|----------------|------|--------------|-------|-------------|------------------------|---------------------|
| ASD-LVP        | 4    | N            | 31    | XX          | M                      | HE                  |
| LED VaporProof | 4 ft | Not dimmable | 31 W  | 35 = 3500 K | Translucent white lens | High efficiency     |
|                |      |              |       | 40 = 4000 K |                        |                     |
|                |      |              |       | 50 = 5000 K |                        |                     |



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### LED VAPORPROOF FIXTURE:

| Model             | Size | Watts | Dimming | CCT    | Lumens  | Dimensions (L x W x H) |
|-------------------|------|-------|---------|--------|---------|------------------------|
| ASD-LVP-4N3135MHE | 4 ft | 31 W  | no      | 3500 K | 3410 lm | 47.2" x 4.17" x 3.3"   |
| ASD-LVP-4N3140MHE | 4 ft | 31 W  | no      | 4000 K | 3410 lm | 47.2" x 4.17" x 3.3"   |
| ASD-LVP-4N3150MHE | 4 ft | 31 W  | no      | 5000 K | 3410 lm | 47.2" x 4.17" x 3.3"   |

### PRODUCT SPECIFICATIONS:

#### Construction & Materials

|              |                            |
|--------------|----------------------------|
| Weight       | 4.1 lb (1.86 kg)           |
| Lens         | Translucent white lens     |
| Housing      | Polycarbonate housing (PC) |
| Clips        | Stainless steel clips      |
| Finish Color | White                      |

#### Environmental System

|                       |                                  |
|-----------------------|----------------------------------|
| Work Environment      | Suitable for Wet Locations, IP66 |
| Operating Temperature | -4~104°F (-20~40°C)              |
| LED lifetime          | >100,000 hrs                     |

#### Optical System

|                      |          |         |         |
|----------------------|----------|---------|---------|
| Luminous Efficacy    | 110 lm/w |         |         |
| Actual Luminous Flux | 3663 lm  | 3678 lm | 3798 lm |
| Color Temperature    | 3500 K   | 4000 K  | 5000 K  |
| CRI                  | 80       |         |         |

#### Electrical System

|                   |                     |
|-------------------|---------------------|
| Input Voltage     | 100~277VAC 50/60 Hz |
| Off State Power   | 0 W                 |
| Power Consumption | 31 W                |
| Power Factor      | ≥ 0.9               |
| THD               | < 20%               |
| Output voltage    | 30~42 V             |
| Max current       | 700 mA              |

#### Warranty & Certifications

|                                       |                                         |
|---------------------------------------|-----------------------------------------|
| 5-year limited warranty               |                                         |
| DesignLights™ Consortium (DLC) listed |                                         |
| cULus certified                       | E473804 – luminaire<br>E473855 – driver |



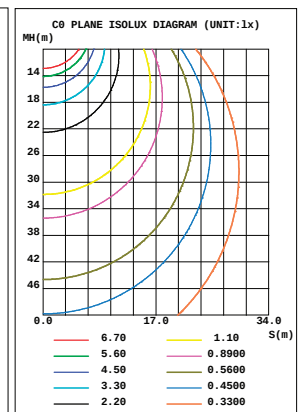
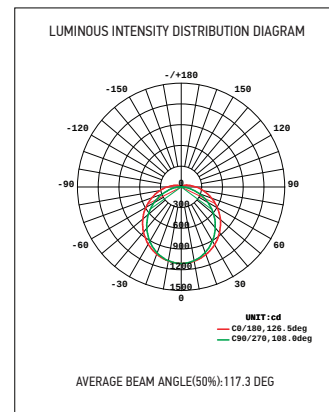
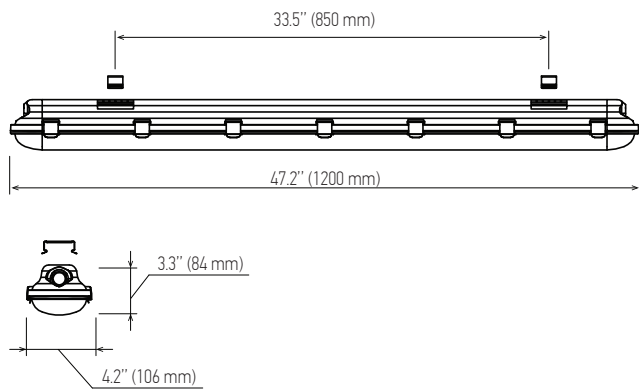
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## LED VAPORPROOF FIXTURE ORDERING INFORMATION:

| Model             | Size | Watts | CCT    | GTIN 12      | GTIN 14        | Product Code | Pcs in one Carton | Carton Size     | Carton Weight |
|-------------------|------|-------|--------|--------------|----------------|--------------|-------------------|-----------------|---------------|
| ASD-LVP-4N3135MHE | 4 ft | 31 W  | 3500 K | 859961005711 | 10859961005718 | 023.0107     | 9                 | 49.6"x14"x11.7" | 49.6 lbs      |
| ASD-LVP-4N3140MHE | 4 ft | 31 W  | 4000 K | 859961005599 | 10859961005596 | 023.0105     | 9                 | 49.6"x14"x11.7" | 49.6 lbs      |
| ASD-LVP-4N3150MHE | 4 ft | 31 W  | 5000 K | 859961005605 | 10859961005602 | 023.0106     | 9                 | 49.6"x14"x11.7" | 49.6 lbs      |

4 ft





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## ⚠ WARNING

**RISK OF PERSONAL INJURY – READ and follow all WARNINGS and installation instructions.**

Keep or give to the owner for future reference.

**Risk of cuts:** Wear gloves to prevent cuts or abrasions when removing from carton, handling, installing, and maintaining this product.

**Risk of electric shock:** This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.

**Risk of Fire:** Minimum 90°C supply conductors. Consult a qualified electrician to ensure correct branch circuit conductor.

ASD® assumes no responsibility for claims arising out of improper or careless Installation or handling of this product.

## ⚠ AVERTISSEMENT

**RISQUE DE BLESSURES – Lisez et suivez toutes les MISES EN GARDE et les instructions d'installation.**

Tenir ou fournir au propriétaire pour référence future.

**Risque de coupures:** Porter des gants pour éviter les coupures ou des écorchures lors du retrait du carton, de la manutention, l'installation et le maintien de ce produit.

**Risque de choc électrique:** Ce produit doit être Installé conformément au code d'installation applicable par une personne familiarisée avec la construction et l'exploitation du produit et les risques impliqués.

**Risque d'incendie:** minimum 90° C Alimentation conducteurs. Consultez un électricien qualifié pour assurer le bon conducteur de circuit de dérivation.

ASD® n'assume aucune responsabilité pour les réclamations découlant d'une installation inadéquate ou négligente ou de la manipulation de ce produit.

## ⚠ ADVERTENCIA

**RIESGO DE LESIONES PERSONALES – Lea y siga todas las advertencias e instrucciones de instalación.**

Mantener o proporcionar al propietario para referencia futura.

**Riesgo de cortes:** Use guantes para evitar cortes o abrasiones en la eliminación de la caja, manejo, instalación y mantenimiento de este producto.

**Riesgo de choque eléctrico.** Este producto debe ser instalado de acuerdo con el código de Instalación aplicable en que una persona familiarizada con la construcción y operación del producto y los riesgos involucrados.

**Riesgo de Incendio:** Mínimo 90° C los conductores de suministro. Consulte a un electricista calificado para asegurarse el conductor correcto del circuito.

ASD® no asume ninguna responsabilidad por reclamaciones derivadas de una instalación inadecuada o negligente o la manipulación de este producto.



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## INSTALLATION GUIDE

### IMPORTANT SAFETY INFORMATION:

**Please read all the instructions below before installation.**

- ▶ Make sure that the supply voltage corresponds to the rated product voltage.
- ▶ The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- ▶ If the product is damaged, do not use it.
- ▶ All wiring connections should be capped with UL approved wire connectors.
- ▶ For surface mount there are two stainless steel brackets included.
- ▶ This fixture is intended to be connected to a properly installed and grounded UL listed junction box with suitable strain relief means for power cord. The junction box is not included, should be purchased separately.



# LED VaporProof Fixture

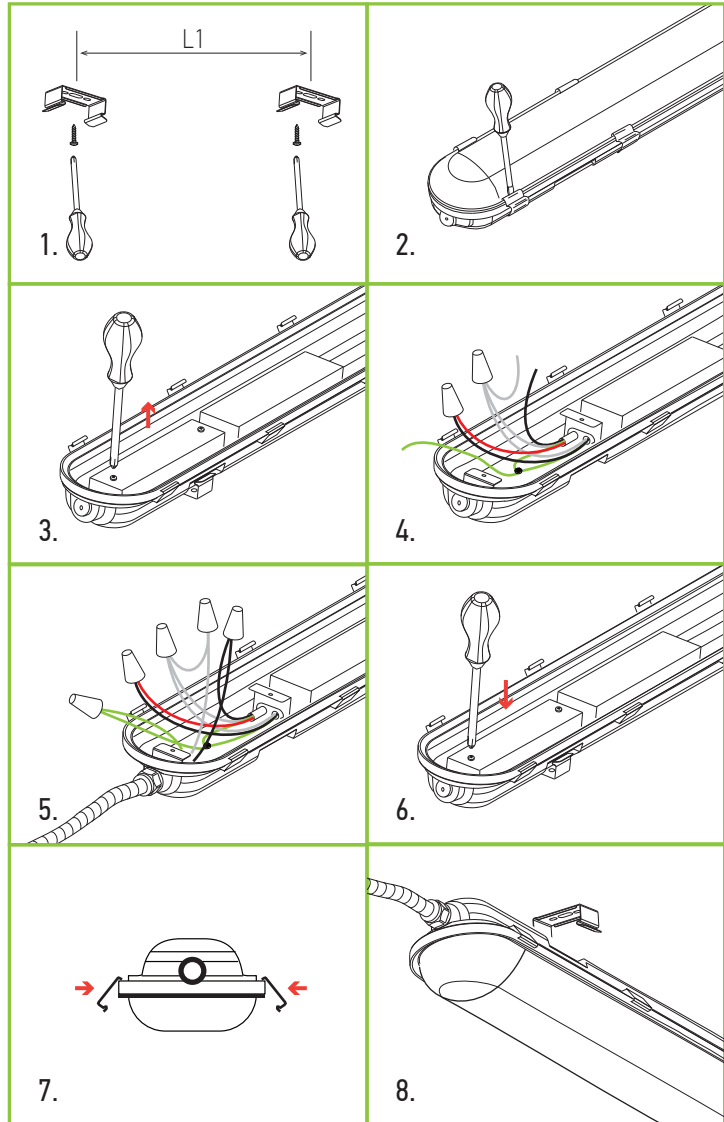
## High Efficiency Series

### INSTALLATION STEPS

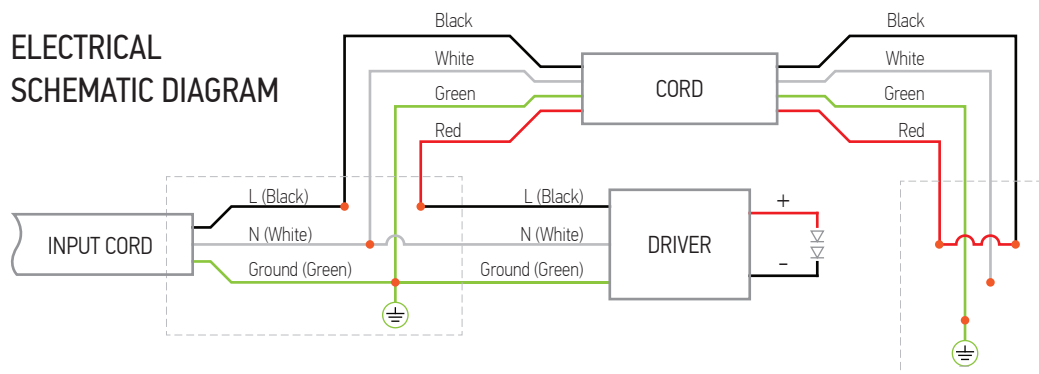
1. Affix the mounting brackets to the ceiling/wall.  
Distance between the brackets (L1) should be 33.5" (850 mm)  $\pm$  1.2" (30 mm)
2. Open clips and remove diffuser.
- 3, 4. Open the cover of the junction box.
5. Insert a power cord (SVT 300V 105°C 18AWGx3C) through a special hole at the end of the lighting fixture.

Connect the power cord to the junction box located at the head of the lighting fixture.

6. Affix the cover of the junction box.
7. Affix the diffuser cover by the clips.
8. Affix the fixture to the ceiling/wall by the mounting brackets.



### ELECTRICAL SCHEMATIC DIAGRAM





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## High Efficiency Series

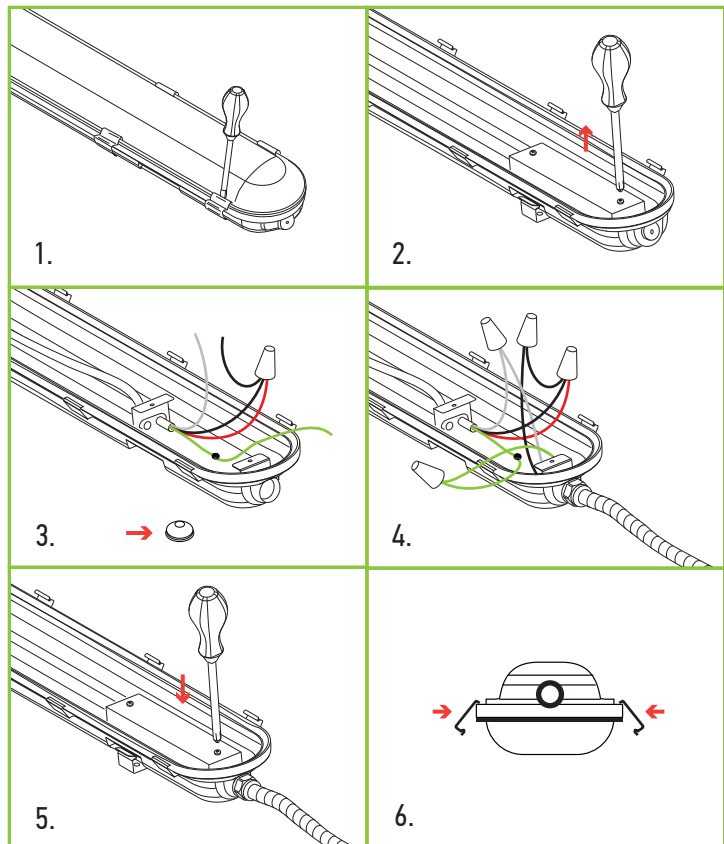
### CONNECTING MULTIPLE FIXTURES TO ONE SWITCH

1. Open clips and remove diffuser.
2. Open the cover of the junction box.
3. Remove the gasket.
4. Insert a power cord (SVT 300V 105°C 18AWGx3C) through a special hole at the end of the lighting fixture.

Connect the power cord to the junction box located at the head of the lighting fixture.

5. Affix the cover of the junction box.
6. Affix the diffuser cover by the clips.

Maximum 10 pcs of 31 W luminaire can be connected in one line.



### ELECTRICAL SCHEMATIC DIAGRAM FOR CONNECTING MULTIPLE FIXTURES

