<ul> <li>Dual-mode G5 DBA LED tube</li> <li>UL OOLV certified for <i>plug and play</i>, and UL IFAR certified for <i>direct wire</i></li> <li>When operating on line voltage, supports 110V-277V</li> <li>Patented safety design for anti-shock protection</li> <li>Patented replaceable driver to extend LED tube life to 10 years</li> <li>DLC certified</li> <li>Available in 4-ft and 2-ft, and all colors</li> <li>Cutsheet: <u>download</u></li> </ul>
<ul> <li>G3 Dimmable LED tube</li> <li>TRIAC base (forward phase) dimmer support</li> <li>On line voltage, either 110V or 277V</li> <li>Patented safety design for anti-shock protection</li> <li>Patented replaceable driver to extend LED tube life to 10 years</li> <li>UL/DLC certified</li> <li>Available in 4-ft and all colors</li> <li>Cutsheet: download</li> </ul>
<ul> <li>8-ft Linear Strip Conversion Kit</li> <li>Two 8-ft to four 4-ft lamp conversion kit (8-41) or</li> <li>One 8-ft to two 4-ft lamp conversion kit (8-21)</li> <li>UL certified</li> <li>Suitable for all G13 T8 bi-pin LED tube</li> <li>Cutsheet: download</li> </ul>
<ul> <li>U-bend LED tube</li> <li>UL OOLV certified for <i>plug and play</i>, and UL IFAR certified for <i>direct wire</i></li> <li>When operating on line voltage, supports 110V-277V</li> <li>6" spacing</li> <li>DLC certified</li> <li>Cutsheet: <u>download</u></li> </ul>
<ul> <li>EasiFit Troffer Retrofit Kit</li> <li>Easy installation: no screws needed</li> <li>Efficacy &gt; 126 lm/w</li> <li>0-10V dimmable</li> <li>Size: 2x2 and 2x4</li> <li>UL DLC Certified</li> <li>7-year warranty (10-year optional)</li> <li>Cutsheet: download</li> </ul>

 EasiFit Glass T5 LED Tube <ul> <li>T5HO replacement</li> <li>Compatible with F54 T5HO ballast</li> <li>Efficacy &gt; 104 lm/w</li> <li>Beam angle &gt; 180 degree</li> <li>UL/DLC certified</li> <li>5-year warranty</li> <li>Cutsheet: download</li> </ul>
<ul> <li>Cooler Light <ul> <li>170 degree beam angle</li> <li>IP65 rated for moisture environment</li> <li>Input voltage: 110V-277V</li> <li>Flat-back and endcap for easy screw-mount installation</li> <li>UL/DLC certified</li> <li>Available in 4, 5, and 6-ft</li> <li>Cutsheet: download</li> </ul> </li> </ul>
<ul> <li>CFL-style LED Lamp</li> <li>50% energy saving and 75% maintenance reduction</li> <li>100 lm/w, 360 degree beam angle</li> <li>Dual-mode: ballast-compatible and line voltage friendly</li> <li>Sockets: E-base, G24Q (4-pin), GX23-2 (2-pin), GU24</li> <li>Input voltage: 110V-277V</li> <li>Wattage: 6W and 11W</li> <li>Warranty: 5-year</li> <li>Cutsheet: download</li> </ul>
Jelly Jar Vapor Tight LED Fixture <ul> <li>IP65</li> <li>No ballast needed</li> <li>Ceiling mount and wall mount</li> <li>10-year warranty on fixture</li> <li>E-base socket</li> <li>ETL certified</li> <li>Cutsheet: download</li> </ul>
Jelly Jar Vapor Tight LED Fixture <ul> <li>IP65</li> <li>No ballast needed</li> <li>2x E26 sockets</li> <li>10-year warranty on fixture</li> <li>ETL certified</li> <li>Cutsheet: download</li> </ul>

	<ul> <li>CF-LED U-lamp</li> <li>Compact design and half of weight of LEC Corn Light</li> <li>Socket type: E26 and E39 (mogul) bases</li> <li>Beam angle: 360 degrees</li> <li>Dual-mode: ballast-compatible and AC friendly</li> <li>Mounting style: pendant mount, side mount, post-top mount</li> <li>UL certified</li> <li>5-year/50,000-hr warranty</li> <li>Cutsheet: download</li> </ul>
	<ul> <li>Alegant Vapor Tight LED Fixture</li> <li>49W</li> <li>5800lm with clear lens; 5000lm with frosted lens</li> <li>Bi-level dimming or 3-step dimming optional</li> <li>IP65, cULus, DLC</li> <li>5-year warranty</li> <li>Plug &amp; play driver upgrade</li> <li>Cutsheet: download</li> </ul>
	<ul> <li>Economy Vapor Tight Fixture with Aleddra LED Tube</li> <li>Models: 2-ft 2-lamp, 4-ft 2-lamp, 4-f 3-lamp,</li> <li>Fixture: IP65, 10-year warranty</li> <li>LED Tube: UL/DLC, 5-year warranty</li> <li>Cutsheet: download</li> </ul>
	UFO Highbay <ul> <li>120 LM/W</li> <li>60W, 100W, 150W, 200W</li> <li>1-10V dimmable</li> <li>ETL, DLC 4.0</li> <li>5-year warranty</li> <li>Cutsheet: download</li> </ul>
0 0	Aleddra Wall Pack <ul> <li>80-90 LM/W</li> <li>Full cutoff (Dark Sky Compliant)</li> <li>IP65, ETL, DLC</li> <li>5-year warranty</li> <li>Cutsheet: download</li> </ul>

Aleddra Shoebox (Parking Lot) Light <ul> <li>80-90 LM/W</li> <li>IP65, ETL, DLC</li> <li>Wattage: 48W to 300W</li> <li>Input voltage: 110V-277V (480V driver optional)</li> <li>Photo cell optional</li> <li>5-year warranty</li> <li>Cutsheet: download</li> </ul>
Aleddra Flood Light <ul> <li>85-95 LM/W</li> <li>Light weighted, compact design</li> <li>IP65, ETL, DLC</li> <li>Wattage: 30W to 600W</li> <li>Input voltage: 110V-277V (480V driver optional)</li> <li>5-year warranty</li> <li>Cutsheet: download</li> </ul>
Aleddra Canopy Light <ul> <li>80-90 LM/W</li> <li>Surface mount model and recessed mount model</li> <li>Wattage: 60W, 100W, 130W</li> <li>Input voltage: 110V-277V</li> <li>5-year warranty</li> <li>UL/DLC certified</li> <li>Cutsheet: download</li> </ul>
Aleddra Lowbay Canopy Light 90 LM/W Surface mount model Wattage: 40W and 60W Input voltage: 110V-277V S-year warranty UL/DLC certified Cutsheet: download

For more information, please email info@aleddra.com or call us at 425-430-4555.

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### G5 DBA LED Tube

#### Ballast & AC Compatible – 2-ft & 4-ft



### Description

**Aleddra's** 5th-generation SureFit® DBA LED tube lamp sets the industry standard on the LED tube safety and maintainability. DBA stands for its key benefits:

- Double-end wired with safety switches: this double-end wired tube with patented safety switches protects an installer from electric shock hazard, and the double-end sockets used with the tube further prevents the potential explosion hazard due to fluorescent tube re-insertion. The G5 safety switch is smaller than its predecessor for easy installation to tighter fixtures.
- <u>Ballast compatible</u>: it is compatible and can be directly used with Instant Start and *Rapid Start* ballasts without rewiring.
- **<u>AC line voltage friendly</u>**: it works with direct input voltage from 110V to 277V.

*SureFit* G5 DBA tube is UL Type A/Type B certified. It is an ideal energy saving replacement for traditional T12 and T8 fluorescent lamps. It can be replaced directly the existing T8 tube without any re-wiring by janitors, thus minimizing the replacement cost and getting immediate energy saving. The electrician can take out the ballast later just like they would with the dead ballast, again without additional labor cost and yielding more energy saving.

Its **field-replaceable driver** minimizes the repair and replacement downtime in the field, and also doubles the lifetime of the LED tube to 10 years at a fraction of the cost of a new tube replacement. The **field-replaceable driver** can be installed into the existing tube in less than 2 minutes.

Warning: when de-lamping, the ballast must be removed. G5 warranty doesn't cover de-lamping on ballast.

#### **Key Features**

- Efficacy: clear lens ≥ 120 LPW, diffused lens ≥ 110 LPW
- Power consumption: 2-ft at 10W, 4-ft at 15W
  - Light output for 4-ft DBA tube: ● Clear @1850 lm, diffused @1600 lm
- CCT: 2700K, 3000K, 3500K, 4000K, 5000K, 6000K
- CRI > 80
- Beam angle: 180°
- Lens type: clear, diffused
- Driver style: field-replaceable internal driver
- Ballast: Instant Start, Rapid Start
- Input voltage: 110V-277V (50-60Hz)
- Operating temperature: -20°F to 122°F
- Warranty: 5 years/50,000 hours
- UL Type A/Type B listed (OOLV #E479597) and UL Type B classified (IFAR #E325073)
- DLC Type D (dual-mode) qualified

### **Ordering Information**

Product Label*	Lens	Color Temperature
LLT-2-T8-10W-DBA-D-27K	Diffused	2700K
LLT-2-T8-10W-DBA-D-30K	Diffused	3000K
LLT-2-T8-10W-DBA-D-35K	Diffused	3500K
LLT-2-T8-10W-DBA-D-40K	Diffused	4000K
LLT-2-T8-10W-DBA-D-50K	Diffused	5000K
LLT-2-T8-10W-DBA-D-60K	Diffused	6000K
LLT-2-T8-10W-DBA-C-27K	Clear	2700K
LLT-2-T8-10W-DBA-C-30K	Clear	3000K
LLT-2-T8-10W-DBA-C-35K	Clear	3500K
LLT-2-T8-10W-DBA-C-40K	Clear	4000K
LLT-2-T8-10W-DBA-C-50K	Clear	5000K
LLT-2-T8-10W-DBA-C-60K	Clear	6000K
LLT-4-T8-15W-DBA-D-27K	Diffused	2700K
LLT-4-T8-15W-DBA-D-30K	Diffused	3000K
LLT-4-T8-15W-DBA-D-35K	Diffused	3500K
LLT-4-T8-15W-DBA-D-40K	Diffused	4000K
LLT-4-T8-15W-DBA-D-50K	Diffused	5000K
LLT-4-T8-15W-DBA-D-60K	Diffused	6000K
LLT-4-T8-15W-DBA-C-27K	Clear	2700K
LLT-4-T8-15W-DBA-C-30K	Clear	3000K
LLT-4-T8-15W-DBA-C-35K	Clear	3500K
LLT-4-T8-15W-DBA-C-40K	Clear	4000K
LLT-4-T8-15W-DBA-C-50K	Clear	5000K
LLT-4-T8-15W-DBA-C-60K	Clear	6000K

Disclaimer: Specifications are subject to change without notice. While due caution has been exercised in the production of this document, possible errors and omissions are unintentional. Document Date: 7/20/2016

#### Points to Consider Prior to Upgrading T8/T12 Fluorescent to LED Tube Technology

- The 18 watt LED tube was the mainstream LED tube spec in 2015. This year, the industry standard LED tube is 15 watts with improved efficacy of 120 lumens per watt. Simply going from 18 to 15 watts yields an additional 17% in energy savings while still providing superior lighting performance.
- 2. If you plan on using an LED tube in a single-end wired fixture with line voltage, please be aware that if someone accidentally installs a fluorescent T8 into the fixture, it will short out at 110V and very likely explode at 277V. This is why the single-end LED tube is losing market share as more facilities managers and utility companies have become aware of this inherent safety liability.
- 3. The Dual Mode LED tube was officially recognized by DLC (DesignLights Consortium) in July 2015 for its latest LED tube category. It can work on both line voltage and with a ballast. The Dual Mode LED tube has several advantages over a ballast-dependent LED tube. First, a ballast-dependent tube requires a ballast to operate and a ballast draws an additional 2-3 watts per lamp. Secondly, there are ballast replacement and maintenance costs associated with using a ballast-dependent tube. The dual mode LED tube can be used in both environments and is not ballast-dependent, thus saving more energy and eliminating future ballast maintenance costs. Janitors can easily insert the dual-mode tube just like they would an ordinary T8 fluorescent. When the ballast fails, electricians can come in (at a convenient time) and remove the ballast and rewire the sockets for more energy savings. This process incurs no additional retrofit labor costs versus regular T8 maintenance, making the dual-mode LED tube the most cost-effective choice for T8/T12 upgrade.
- 4. Please be advised that most dual-mode LED tubes on the market today have UL certification for ballast operation *only*, and are not UL certified for line voltage operation. Though they can operate with line voltage, their manufacturers do not inform the end user that there could be an electric shock hazard.
- 5. The Aleddra G5 DBA+ LED Tube is a dual mode LED tube, working with ballast and line voltage, and is UL certified for both operations (UL OOLV.E479597 & IFAR.E325073).
- 6. Aleddra's Surefit DBA+ LED Tube has safety switches on both end caps which protects the installer from electric shock.
- Aleddra's Surefit DBA+ LED Tube has a patented field replaceable driver that takes just a few minutes to install, and extends the life of the LED tube an additional 5+ years. Aleddra offers this as a 10-year extended warranty at less than 1/3 the cost of a new tube. This also reduces waste in the landfill.

For more information, please email <u>info@aleddra.com</u> or call us at 425-430-4555.

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### T8 LED Linear Tube G3 Dimmable Double-end

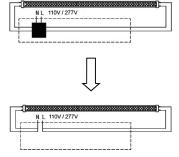


### Description

**Aleddra's** third-generation double-ended EasiRetrofit® LED tube lamp is now *dimmable* via TRIAC based dimmer. It has been UL*classified* according to the latest 1598C safety standards. It is an ideal energy saving replacement for traditional T12 and T8 fluorescent lamps. The double-ended tubes may be installed in either shunted or non-shunted lamp holders, thus saving 50-70% installation time and associated labor costs compared to retrofits using standard single-ended LED tubes.

The 3rd generation EasiRetrofit® LED tube features a patented **field-replaceable driver**, which not only minimizes the repair and replacement downtime in the field, but also doubles the life-time of the LED tube to 10 years at a fraction of the cost of a new tube replacement. The **field-replaceable driver** can be installed into the existing tube in less than 2 minutes.

#### WIRING DIAGRAM



Black square indicates ballast. Always ensure that the working voltage is 100v to 277v. This product is directly connected to the power supply, **no ballast or starter is need**ed.

#### IMPORTANT:

Before replacing the existing fluorescent tube, the ballast and starter must be by-passed and the circuit reconnected.

### **Key Features**

- Dimmable: via TRIAC based dimmer
- Lumen output: 4-ft at 1800 lm
- Power consumption: 4-ft at 18W
- Efficacy ≥ 100 LPW (diffused lens)
- CCT: 3000K, 4100K, 5000K, 6000K
- CRI > 80
- Beam angle: 120°
- Lens type: clear, diffused
- Driver style: field-replaceable internal driver
- Input voltage: 100V or 277V (50-60Hz)
- Operating temperature: -20°F to 122°F
- Rated life: up to 50,000 hours
- Warranty: 5 years (12 hours/day usage)
- Length: 4-ft
- UL 1598C Classified: #E325073

### **Ordering Information**

Product Label*	Lens	Input Voltage
LLT-4-T8-D-SW-120-DM2-D-10-30K*	Diffused	277V
LLT-4-T8-D-SW-120-DM2-D-10-41K	Diffused	277V
LLT-4-T8-D-SW-120-DM2-D-10-50K	Diffused	277V
LLT-4-T8-D-SW-120-DM2-D-10-60K*	Diffused	277V
LLT-4-T8-C-SW-120-DM2-D-10-30K*	Clear	277V
LLT-4-T8-C-SW-120-DM2-D-10-41K	Clear	277V
LLT-4-T8-C-SW-120-DM2-D-10-50K	Clear	277V
LLT-4-T8-C-SW-120-DM2-D-10-60K*	Clear	277V
LLT-4-T8-D-SW-120-DM1-D-10-30K*	Diffused	110V
LLT-4-T8-D-SW-120-DM1-D-10-41K	Diffused	110V
LLT-4-T8-D-SW-120-DM1-D-10-50K	Diffused	110V
LLT-4-T8-D-SW-120-DM1-D-10-60K*	Diffused	110V
LLT-4-T8-C-SW-120-DM1-D-10-30K*	Clear	110V
LLT-4-T8-C-SW-120-DM1-D-10-41K	Clear	110V
LLT-4-T8-C-SW-120-DM1-D-10-50K	Clear	110V
LLT-4-T8-C-SW-120-DM1-D-10-60K* * 30K and 60K colors are non-stocking mod	Clear	110V

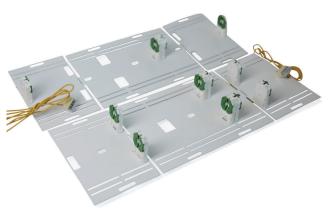
\* 30K and 60K colors are non-stocking models.



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Document Date: 2/2/2016

### **T8/T12 Conversion Kit** 8-ft linear strip fixture conversion



### **Key Features**

- 8-ft T8/T12 linear fluorescent fixture conversion
- Two 8-ft to four 4-ft lamp conversion kit (8-4I)
- One 8-ft to two 4-ft lamp conversion kit (8-2I)
- 8-4I reconfigurable to 8-2I in the field
- UL certified
- Suitable for all G13 T8 bi-pin LED tube (doubleend LED tube is strongly recommended for safety reason)

### Description

**Aleddra's** T8/T12 conversion kit is designed for 8-ft linear fluorescent tube retrofit. Aleddra is well known for its EasiRetrofit doubleend LED tube among the lighting professional. Now with this conversion kit, the end user with 8-ft linear strip fixture can now order both the LED tube and the conversion kit from Aleddra for the energy efficient lighting retrofit projects.

- Each kit includes G13 T8 bi-pin sockets (tombstones).
- Both two 8-ft lamps to four 4-ft lamps (8-4I)conversion kit and one 8-ft lamp to two 4-ft lamps (2-2I) are available.
- 8-4I conversion kit can be reconfigured in the field to 2-2I kit, saving the end user the trouble of having exact counts on both types fixtures.
- UL certified
- Pre-wired conversion kit bracket for easy installation
- Nice white-paint glossy finish for professional look
- Pre-drilled holes for 8-4I to 2-2I conversion and ballast cover installation.
- Low maintenance cost
- Suitable for all LED tubes (double-end LED tube is strongly recommended for safety reason)
- One stop-shopping at Aleddra

Product Label	Description
Kit-T8-8-4I	Two 8-ft to four 4-ft lamp conversion kit
Kit-T8-8-2I	One 8-ft to two 4-ft lamp conversion kit

## Aleddra G5 SureFit U-bend LED Tube - 2'



**Aleddra's** SureFit® T8 U-bend tube is the latest addition to our linear tube family. It addresses the need for retrofitting existing fluorescent U-bend T8's with an energy efficient replacement without taking the more costly alternative of complete fixture upgrades.

Aleddra's 2-ft U-bend T8 tube has a  $6^{\prime\prime}$  separation between the two legs and will fit all standard 2'x2' U-bend troffers and sockets.

The U-bend tube is double-end wired and does not require the change of the sockets within the fixture, as it supports both shunted and non-shunted tombstones (sockets). It works with Instant Start and Rapid Start ballasts, as well as AC-in line voltage from 110V-277V.

When using ballast, the SureFit U-bend tube can directly replace existing fluorescent U-bend without rewiring.

When using with line voltage, the installation process is straightforward and simple:

- Bypass the ballast
- Connect line voltage directly to the sockets (hot on one end and neutral on the other)
- Insert the U-bend tube

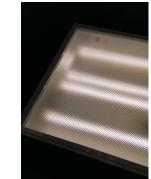
The SureFit U-bend is cULus (pending) certified and LDL (pending) qualified for utility rebate.

### **Key Features**

- Efficacy: clear lens ≥ 120 LPW, diffused lens ≥ 100 LPW
- Power consumption: 15W
- Light output: clear @1800 lm, diffused @1500 lm
- CCT: 2700K, 3000K, 3500K, 4000K, 5000K
- CRI > 80
- Beam angle: 160°
- Lens type: clear, diffused
- Driver style: field-replaceable internal driver
- Ballast: Instant Start, Rapid Start
- Input voltage: 110V-277V (50-60Hz)
- Operating temperature: -20°F to 122°F
- Rated life: up to 50,000 hours
- Warranty: 5 years
- UL Type A/Type B listed (OOLV #E479597) and UL Type B classified (IFAR #E325073)

Product Label*	Lens	Color Temperature
LLT-2U-T8-15W-BA-C-27K	Clear	2700K
LLT-2U-T8-15W-BA-C-30K	Clear	3000K
LLT-2U-T8-15W-BA-C-35K	Clear	3500K
LLT-2U-T8-15W-BA-C-40K	Clear	4000K
LLT-2U-T8-15W-BA-C-50K	Clear	5000K
LLT-2U-T8-15W-BA-D-27K	Diffused	2700K
LLT-2U-T8-15W-BA-D-30K	Diffused	3000K
LLT-2U-T8-15W-BA-D-35K	Diffused	3500K
LLT-2U-T8-15W-BA-D-40K	Diffused	4000K
LLT-2U-T8-15W-BA-D-50K	Diffused	5000K





## EasiFit® Troffer Kit 2x4, 2x2



### Description

Aleddra's EasiFit® Troffer Retrofit Kit is an energy-efficient costeffective replacement for an existing linear troffer luminaire. It fits into the existing troffer housing, thus saving the labor of removing it and the trouble of disposing it. At the same time, it provides a more aesthetic appearance than the old fixture. The 0-10V dimming makes it controllable by daylighting harvest system for further energy saving. The patented design of this kit makes it very easy for installation, without using any screw.

The EasiFit Troffer Kit is UL/DLC certified for utility rebate. The fixture comes with a 7-year warranty. The 10-year warranty is optional at an incremental price.

### **Key Features**

- Efficacy: 126 LM/W
- CCT: 3000K (for 50W), 3500K, 4000K, 5000K
- CRI > 80
- Power Factor >0.90
- Dimming: 0-10V dimmable
- Input voltage: 110V-277V
- Operating temperature: -20°F to 122°F
- Size:
  - 2x2: 22.52"L x 20.67"W x 2.6"H
  - 2x4: 46.61"L x 20.67"W x 2.6"H
  - Weight: 2x2 at 5.3lbs, 2x4 at 10.8 lbs
- Certification: UL, DLC
- Warranty: 7 years (10-year optional)
- Easy installation: no screw needed

Product Label	Size	Wattage	Lumen	Color
AT-R4-25W-XDZ-35K	2x2	25W	3300	3500K
AT-R4-25W-XDZ-40K	2x2	25W	3300	4000K
AT-R4-25W-XDZ-50K	2x2	25W	3300	5000K
AT-R4-36W-XDZ-35K	2x2	36W	5000	3500K
AT-R4-36W-XDZ-40K	2x2	36W	5000	4000K
AT-R4-36W-XDZ-50K	2x2	36W	5000	5000K
AT-R7-36W-XDZ-35K	2x4	36W	4900	3500K
AT-R7-36W-XDZ-40K	2x4	36W	4900	4000K
AT-R7-36W-XDZ-50K	2x4	36W	4900	5000K
AT-R7-50W-XDZ-30K	2x4	50W	6200	3000K
AT-R7-50W-XDZ-35K	2x4	50W	6300	3500K
AT-R7-50W-XDZ-40K	2x4	50W	6300	4000K
AT-R7-50W-XDZ-50K	2x4	50W	6300	5000K

### EasiFit® T5 Ballastcompatible LED Tube



### **Key Features**

- Glass tube
- Direct-fit (plug-&-play) with T5HO ballast
- Efficacy: 104-117 LPW
- Power consumption: 28W
- Light output: 2900lm to 3200lm
- CCT: 3000K, 3500K, 4000K, 5000K
- CRI > 80
- Socket Type: G5 (standard T5 lamp socket)
  - Beam angle: 185°
- Input voltage: 110V-277V (50-60Hz)
- Operating temperature: -4°F to 113°F
- Warranty: 5 years/50,000 hours
- UL Type A certified
- DLC qualified for utility rebate

### Description

Aleddra's EasiFit® T5 LED tube lamp is a UL Type A internal driver tube that is compatible with F54 T5HO ballasts. With a price almost comparable to a T5 tube yet with great energy savings and longer lifetime, the end user of this plug-&-play T5 LED tube can achieve a very quick payment on the retrofit investment.

The EasiFit T5 LED tube features a full glass housing body, thus giving it the exact look-and-feel of the fluorescent T5 and a very wide lighting angle. It fits nicely into the existing T5 fixtures without any rewiring, and the best part is that people won't even notice it other than the light is brighter.

The EasiFit T5 LED tube comes with 5-year warranty and available in these color: 3000K, 3500K, 4000K, and 5000K.

Product Label*	Lumen	Color Temperature
LLT-4-T5-28W-BC-30K	2900	3000K
LLT-4-T5-28W-BC-35K	3000	3500K
LLT-4-T5-28W-BC-40K	3200	4000K
LLT-4-T5-28W-BC-50K	3200	5000K

### LED CoolerTube External Driver — 4/5/6-ft



### **Key Features**

- Efficacy > 95 LPW (clear lens)
- CCT: 3000K, 3500K, 4000K, 4500K, 5000K
- CRI > 80
- IP65 rating for moisture proof
- Beam angle: 170°
- Power factor > .90
- Lens type: clear
- Driver type: external driver
- Driver input voltage: 100V-277VAC (50-60Hz)
- Drive output voltage: 36V DC
- Operating temperature: -20°F to 122°F
- Rated life: up to 50,000 hours
- Warranty: 5 years
- Length: 4-ft, 5-ft, 6-ft
- Certification: cULus, DLC

#### Description

Aleddra, with its strong industry reputation with the EasiRetrofit® LED tube for T12/T8 replacement, is now offering an LED alternative for refrigerator lighting. The new CoolerTube is designed with 170 degree beam angle, meeting perfectly the needs of merchandise lighting on both side of the LED light, while maintaining a high efficacy at 95 lm/w and a power factor 0.90. These features far exceed any competitive products on the market.

The CoolerTube is both cULus and DLC certified, and is qualifies for utility rebates. It comes in five different colors, clear lens, and three sizes: 4-ft, 5-ft and 6-ft. It is rated for 50,000 hours and has a 5-year warranty. Its low DC voltage external driver removes any electric shock hazard during installation and maintenance.

National grocers, supermarkets, and convenience stores are the perfect target customer for the CoolerTube for use in coolers and refrigerators. In addition, they benefit from Aleddra's EasiRetrofit T8 LED tube for their ceiling lighting.

Product Label*	Length	Lens	Color Temperature
LLT-4-FR-C-22W-35K	4-ft	С	3500K
LLT-4-FR-C-22W-40K	4-ft	С	4000K
LLT-4-FR-C-22W-45K	4-ft	С	4500K
LLT-4-FR-C-22W-50K	4-ft	С	5000K
LLT-5-FR-C-22W-35K	5-ft	С	3500K
LLT-5-FR-C-22W-40K	5-ft	С	4000K
LLT-5-FR-C-22W-45K	5-ft	С	4500K
LLT-5-FR-C-22W-50K	5-ft	С	5000K
LLT-6-FR-C-30W-35K	6-ft	С	3500K
LLT-6-FR-C-30W-40K	6-ft	С	4000K
LLT-6-FR-C-30W-45K	6-ft	С	4500K
LLT-6-FR-C-30W-50K	6-ft	С	5000K

### CF-LED™ Lamp

- E26, GX23-2, G24Q, GU24 bases



### **Key Features**

- Efficacy: 100 LPW
- Dual-mode: ballast-compatible and line voltage friendly
- Socket type: E26, GX23-2 (2-pin), G24Q (4-pin), GU24
- CCT: 2700K, 3000K, 3500K, 4000K, 5000K
- CRI > 80
- Beam angle: 360°
- Input voltage: 110V-277V
- Wattage: 6W, 11W
- Operating temperature: -20°F to 122°F
- Warranty: 5 years
- Patent Pending

#### Description

Aleddra's CF-LED<sup>™</sup> lamp offers the first 360-degree LED PL lamp with 100 lm/w efficacy. Unlike other LED PL lamps on the market today, this revolutionary lamp can be installed either vertically or horizontally with the same beam spread as traditional lamps. Its frosted glass filters most of the blue color light that's harmful to human eyes.

This CF-LED lamp operates with 110 to 277V AC line voltage with or without a ballast. It is immediately available in E26 medium base, 2-pin GX23-2 base, 4-pin G24Q base, and GU24 base, and at 6W (for 13W CFL replacement) and 11 wattage (for 26W CFL replacement).

The default color options are 2700K, 3000K, 3500K, 4000K, and 5000K. It comes with 5-year warranty.

### **Ordering Information**

Product Label	Socket	Lumen	Wattage	Replace CFL Watt.
APL-6-A-E26-XXK*	E26	600 lm	6W	13W
APL-11-A-E26- <i>XX</i> K*	E26	1100 lm	11W	26W
APL-6-D-GX23-2- <i>XX</i> K*	GX23-2	600 lm	6W	13W
APL-11-D-GX23-2-XXK*	GX23-2	1100 lm	11W	26W
APL-6-D-G24Q-XXK*	G24Q	600 lm	6W	13W
APL-11-D-G24Q- <i>XX</i> K*	G24Q	1100 lm	11W	26W
APL-6-A-GU24-XXK*	GU24	600 lm	6W	13W
APL-11-A-GU24- <i>XX</i> K*	GU24	1100 lm	11W	26W

• XXK: 27K, 30K, 35K, 40K, and 50K color



## **LED Jelly Jar Vapor Tight**



### **Key Features**

- Socket type: E26
- Lens: glass
- IP65 rated for wet locaton
- Warranty: 10 years
- UL certified

### Description

Aleddra's new Jelly Jar vapor tight fixture is compact, light weight, and its IP65 rating makes it ideal for wet locations and heavy moisture environments such as coolers and cold storage rooms.

The Jelly Jar fixture can be used with any E26-base lamp, and can operates with 110 to 277V AC line voltage without any ballast.

# Ordering Information Product Label Base Mounting

Product Label	Base	Mounting
JJF-C-E26	E26	Ceiling Mount
JJF-W-E26	E26	Wall Mount

 $^{\star}\,$  The fixture doesn't come with lamp, which should be purchased separately.



### **Barn Light Vapor Tight**



### **Key Features**

- Socket type: E26 (two sockets)
- Input voltage: 110V-277V (without ballast)
- Operating temperature: -40°F to 140°F
- Warranty: 10 years
- ETL certified, CE/RoHS
- IP65 rated for outdoor application

### Description

Aleddra's Barn Light Vapor Tight fixture features a very light weight design and is ideal for outdoor lighting applications with low mounting height with its IP65 rating.

It comes with two E26 sockets and can be used with any E26 base lamp on line voltage. This lamp operates with 110 to 277V AC line voltage without any ballast.

### Ordering Information

Product Label	Socket
MSF-2-E26	E26

• Lamp is not included and should be purchased separately.

## CF-LED™ U-Lamp

- E26, E39 HID Replacement



### Description

**Aleddra's** CF-LED<sup>TM</sup> U-lamp is the most cost-effective retrofit option for HID lamp with up to 80% energy savings. Compared to LED Corn Light, it is superior in two aspects: half of the weight and smaller in size, which makes it a much better option for enclosed HID fixtures.

This CF-LED U-lamp operates with 110 to 277V AC line voltage without any ballast. It is immediately available in E26 and E39 (mogul base) base.

### **Key Features**

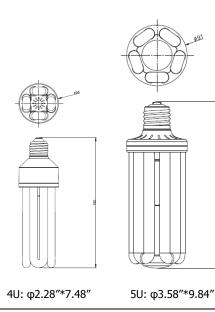
- Efficacy: >95 LPW
- Socket type: E26, E39
- CCT: 3000K, 4000K, 5000K (other colors made to order)
- CRI > 80 (>90 optional)
- Beam angle: 360°
- Input voltage: 110V-277V (bypassing ballast)
- Wattage: 22W, 30W, 50W, 80W
- Operating temperature: -20°F to 122°F
- Warranty: 5 years
- cULus listed
- DLC 4.0 (E39 base models only)
- Patent Pending

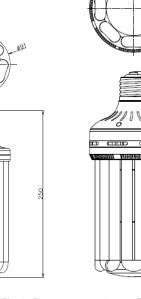
### **Ordering Information**

Product Label	Tube	Wattage	Lumen	Replace HID Watt.
ALJ16-22U-8YY-E26	4U	22W	2100 lm	65W
ALJ16-30U-8YY-E26	4U	30W	3400 lm	100W
ALJ16-50U-8YY-E26	5U	50W	5000 lm	175W
ALJ16-50U-8YY-E39	5U	50W	5000 lm	175W
ALJ16-80U-8YY-E39	8U	80W	7500 lm	250W

- YY represents 3000K, 4000K, and 5000K
- Non-standard base made to order.

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## Alegant LED Vapor Tight Luminaire — 4'



Aleddra's Alegant (pronounced 'elegant') Vapor Tight luminaire is a direct replacement and upgrade designed for replacing fluorescent vapor tight fixtures. The immediate benefits include a 70% savings The immediate on energy consumption, longer operational life, and lower maintenance costs.

The Aleddra *Alegant* vapor tight fixture comes with a fieldreplaceable, plug-and-play driver. When the existing driver expires at the end of its useful life in approximately 5 years, it can be removed and replaced with a new driver. This doubles the life-time expectancy of the luminaire at a fraction of the cost of a complete fixture replacement, providing a significant cost savings in materials and maintenance expenses.

In addition, the *Alegant* vapor tight luminaire offers a 180degree beam angle. <u>No other</u> LED vapor tight fixture can make this claim. This feature makes it ideal for low-ceiling height lighting applications, such as parking garages, basements, stairwells, low ceiling hall ways, etc.

The *Alegant* vapor tight also boasts a superior heat management design. Unlike low-quality LED vapor tight fixtures where



the LED strip connects to the back of the metal board via a few screws, the *Alegant* utilizes the entire metal board, allowing for effective, uniform heat dissipation that is critical to the operating life of the fixture.

The IP65 rating of the *Alegant* makes it suitable for any high moisture environment that is indoor,

under a roof, and in walk in refrigeration/freezer applications. The *Alegant* vapor tight fixture is the highest quality, most versatile luminaire in its class.

The *Alegant* vapor tight fixture comes with two types of drivers: a basic driver or a step-dimming driver. The basic driver can be configured to work with occupancy sensor via either on-off wiring or bi-level wiring (33% vs. 100%). The step dimming driver enables the user to toggle the light level among 33%, 66%, or 100% by flipping a wall switch.

The stainless steel clips are also protected by tamper-proof screws which allows for a se-

Color temperature: 4000K, 5000K in stock,

3000K and 6000K made to order

Rated life: ≥ 50,000 hours

IP65 Rated for wet location

Warranty: 5 years

Input voltage: 90V to 305V (50-60Hz)

Operating temperature: -40°F to 140°F

cure lighting system that only the maintenance crew can work on.



### Key Features

- Field-replaceable driver
- 180 degree wide beam angle
- Step dimming through wall switch: 33%, 66%, 100%
- Bi-level dimming (33%-100%) with motion sensor (Superior heat management
- Efficacy: 100-120 lm/w
- Light output: clear lens at 5800lm clear lens,

### **Ordering Information**

Product Label*	Lens	Color	Wattage	Dimming	Voltage	Motion Sensor
AVT-4-N-4-C	Clear	4000K	49W	None	110-277V	Optional
AVT-4-N-5-C	Clear	5000K	49W	None	110-277V	Optional
AVT-4-S-4-C-1	Clear	4000K	49W	3-step	110V	N/A
AVT-4-S-5- <mark>C</mark> -1	Clear	5000K	49W	3-step	110V	N/A
AVT-4-S-4-C-2	Clear	4000K	49W	3-step	277V	N/A
AVT-4-S-5-C-2	Clear	5000K	49W	3-step	277V	N/A

- Change C to D for frosted lens.
- Motion sensor part number: ALD-MS-1L for on-off wiring, and ALD-MS-2L for bi-level light output wir-

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## Economy LED Vapor Tight Luminaire - 2', 4



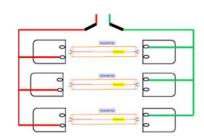
The Economy vapor tight fixture is recommended to be used with Aleddra's LED tube that's both UL and DLC certified for straightforward utility rebate application. With the standard G13 bi-pin sockets, the end user can easily upgrade to the latest Aleddra LED tube down the road.



The vapor tight fixture comes with a 10-year warranty. The fixture tombstones are double-end wired as shown below:

Aleddra's Economy Vapor Tight luminaire is a cost-effective upgrade for existing fluorescent vapor tight fixtures. The immediate benefits include a 50% savings on energy consumption, longer operational life, and lower maintenance costs.

The Aleddra economy vapor tight fixture comes with either 2lamp or 3-lamp configuration, and in either 2-ft or 4-ft models. It has an IP65 rating, so it can be used in any wet location. It's ideal for stairwell, parking garage, and loading dock lighting.



#### **Key Features**

- IP65 rating for the fixture
- 2-lamp and 3-lamp models are available
- Size: 2-ft and 4-ft

- Input voltage: 90V to 305V (50-60Hz)
- Operating temperature: -40°F to 140°F
- Warranty: 10 years
- UL certified:

Aleddra, Inc. • 2210 Lind Avenue SW • Suite 109 • Renton, WA 98057 • USA • t 425.430.4555 • f 425.968.9855 • www.aleddra.com

Product Label*	Length	# of Tube	Voltage
VTF-2-2	2-ft	2	110-277V
VTF-4-2	4-ft	2	110-277V
VTF-4-3	4-ft	3	110-277V

 Lamp is not included and should be purchase separately.

## UFO Highbay Fixture

- 60W, 100W, 150W, 210W



### **Key Features**

- Meanwell driver
- Efficacy: >120 LPW
- Wattage: 60W, 100W, 150W, 210W
- Dimming: 1-10V dimmable
- CCT: 5000K
- CRI > 70
- Beam angle: 120°
- Input voltage: 110V-277V
- Operating temperature: -20°F to 122°F
- Warranty: 5 years/50,000 hours
- ETL
- DLC 4.0



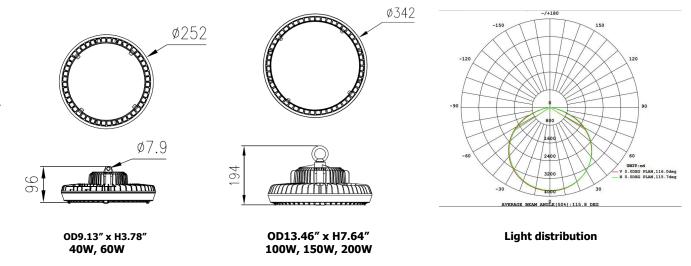
### Description

**Aleddra's** UFO luminaire features a stylish design and a lower profile, and is designed for any indoor lowbay or highbay application. It saves 70% energy as compared to existing highbay fixtures and comes with 5-year warranty.

UFO Highbay is DLC 4.0 qualified for utility rebate application. It is available in 60W, 100W, 150W, and 210W. The default color is 5000K and other colors are optional. It can also accommodate customer's need for special beam angle: 30, 60, 90, or 120 degree.

Product Label	Wattage	Lumen	Input voltage
AHB-W060-50K	60W	6500 lm	100-277V
AHB-W100-50K	100W	12000 lm	100-277V
AHB-W150-50K	150W	17500 lm	100-277V
AHB-W200-50K	210W	27000 lm	100-277V

- 3000K, 3500K, and 4000K models made to order
- 30, 60, 90, 150 degree beam angle made to order
- 480V driver made to order



### Full Cutoff LED Wallpack 24W–150W





### **Key Features**

- Full cut-off for Dark Sky Compliance
- Protective top cover
- Samsung LED diodes
- Efficacy: 80-90 LM/W
- CCT: 5000K by default (other colors made to order)
- CRI > 70
- Beam angle: 90° x 120°
- Power Factor >0.90
- Input voltage: 110V-277V
- Operating temperature: -40°F to 122°F
- Rated life: up to 50,000 hours
- Warranty: 5 years
- Certification: ETL, DLC
- IP rating: IP65 wet location

### Description

**Dimensions:** 

**Aleddra's** LED Wallpack is an energy-efficient and cost-effective replacement for exising wallpack luminaire. It is built with top of the line LED's from Samsung and is ideal for wet location with its IP65 rating. This wall pack is designed to meet Dark Sky Compliance in mind, an important consideration for professional lighting applications. Aleddra Wallpack is UL certified and on DLC qualified product list for local utility rebates. It comes with 5-year, 50000 hours warranty. It also includes a protective top cover that prevents bird from making nest while leaving sufficient airflow space for efficient heat-dissipation through the fin-shape heat sink on the top.

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24W/48W: 295x90x216mm at 3.1kg

### **Ordering Information**

Product Label	Wattage	Lumen
AWP-WL90-W24-50K	24W	1600-2200
AWP-WL90-W48-50K	48W	3800-4400
AWP-WL112-W80-50K	80W	6600-7800
AWP-WL112-W100-50K*	100W	8000-9000
AWP-WL112-W120-50K*	120W	9200-10400
AWP-WL112-W150-50K*	150W	13500-15000

#### Remarks:

- \* are non-stocking items, made to order
- 5000K color in stock, other colors (3000K, 3500K, 4000K, 4500K) made to order







#### 80W-150W: 256x362x112mm at 5.1kg

### LED Shoebox Luminaire 24W-300W

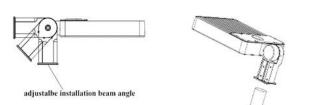


### Description

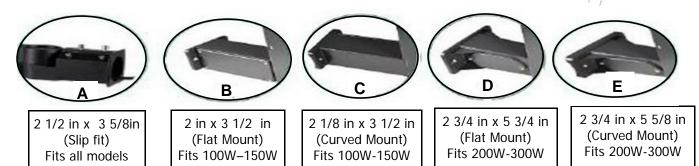
Aleddra's LED Shoebox luminaire is an energyefficient and cost-effective replacement for existing shoebox luminaire. It's ideal for parking lot and outdoor lighting applications. The Aleddra Shoebox is both ETL certified and on the DLC qualified product list for utility rebates. It's fin-shape heat sink housing includes a protective top cover that prevents birds from making nests, while leaving sufficient airflow

### **Key Features**

- Samsung LED diodes
- Efficacy: 100-110 LPW
- Wattage: 24, 48, 80, 100, 150, 200, and 300W
- CCT: 5000K by default, other colors made to order
- CRI > 70
- Beam angle: 90° x 120°
- Driver: Meanwell driver
- Power Factor >0.90
- Input voltage: 110-277V
- Operating temperature: -40°F to 140°F
- Rated life: up to 50,000 hours
- Warranty: 5 years
- Certification: ETL, DLC
- IP rating: IP65 wet location



Pro-



Shoebox	Wa	Lumens	Wt (lbs)	Measurements (WxLxH)
ASB-PL275-W24-50K*	24W	2400-2700	8	10.8"Wx14.3"Lx6.9"H
ASB-PL275-W48-50K*	48W	4800-5500	8	10.8"Wx14.3"Lx6.9"H
ASB-PL345-W80-50K*	80W	8000-9200	12	13.5"Wx17.0"Lx6.9"H
ASB-PL345-W100-50K	100W	10000-11500	13	13.5"Wx17.0"Lx6.9"H
ASB-PL345-W150-50K	150W	15000-17300	13	13.5"Wx17.0"Lx6.9"H
ASB-PL670-W200-50K*	200W	20000-23000	22	13.5"Wx26.4"Lx6.9"H
ASB-PL670-W300-50K*	300W	30000-34500	23	13.5"Wx26.4"Lx6.9"H

#### Remarks:

- \* Indicates non-stock items, that are made to order.
- We carry 5000K color; Other colors (3000K, 3500K, 4000K, 4500K) are made to order.

# aleddra LED Lighting

### **LED Flood Light** <u>30W–600W</u>



#### **Key Features**

- Light weight and compact exterior design •
- Wide range of wattage: 30W to 600W
- Samsung LED diodes •
- Meanwell driver
- Efficacy: 85-95 LM/W
- CCT: 3000K, 4000K, 5000K
- CRI > 70
- Power Factor >0.90
- Input voltage: 110V-277V
- Operating temperature: -40°F to 122°F
- Warranty: 5 years
- Certification: ETL, DLC
- IP rating: IP65 wet location
- Yoke mount bracket with easy lighting direction adjustment

### **Ordering Information**

Flood Light	Watt	Lumens	Wt (lbs)	Measurements (WxLxH)
AL-FL220-W030-60-30K	34W	2850-3300	3.5	8.6 "W x 8.1"L x1.9"H
AL-FL220-W030-60-40K	34W	3000-3450	3.5	8.6 "W x 8.1"L x1.9"H
AL-FL220-W030-60-50K	34W	3000-3450	3.5	8.6 "W x 8.1"L x1.9"H
AL-FL280-W050-60-30K	50W	4500-5500	7.1	11.3" W x 9.5"L x 2.4"H
AL-FL280-W050-60-40K	50W	5000-5750	7.1	11.3" W x 9.5"L x 2.4"H
AL-FL280-W050-60-50K	50W	5000-5750	7.1	11.3" W x 9.5"L x 2.4"H
AL-FL330-W100-60-30K	100W	9500-10500	10.4	13.1"W x 11.4"L x 2.6"H
AL-FL330-W100-60-40K	100W	10000-11500	10.4	13.1"W x 11.4"L x 2.6"H
AL-FL330-W100-60-50K	100W	10000-11500	10.4	13.1"W x 11.4"L x 2.6"H
AL-FL390-W140-60-30K	140W	13300-15500	17.4	15.4"W x 13.5"L x 3.9 "H
AL-FL390-W140-60-40K	140W	14000-16200	17.4	15.4"W x 13.5"L x 3.9 "H
AL-FL390-W140-60-50K	140W	14000-16200	17.4	15.4"W x 13.5"L x 3.9 "H
AL-FL390-W210-60-30K	210W	19900-23000	24.3	15.4"W x 19.5"L x 3.9"H
AL-FL390-W210-60-40K	210W	21000-24100	24.3	15.4"W x 19.5"L x 3.9"H
AL-FL390-W210-60-50K	210W	21000-24100	24.3	15.4"W x 19.5"L x 3.9"H
AL-FL675-W400-60-30K	420W	37500-44000	35.3	20.9"W x 28"L x 3.9"H
AL-FL675-W400-60-40K	420W	40000-46000	35.3	20.9"W x 28"L x 3.9"H
AL-FL675-W400-60-50K	420W	40000-46000	35.3	20.9"W x 28"L x 3.9"H
AL-FL675-W600-60-30K	620W	57000-66000	52.9	27"W x 28"L x 3.9"H
AL-FL675-W600-60-40K	620W	60000-69000	52.9	27"W x 28"L x 3.9"H
AL-FL675-W600-60-50K	620W	60000-69000	52.9	27"W x 28"L x 3.9"H

Remarks:

- Default beam angle: 60 degree. Other beam angles (10/30/85x135/60x135) made to order.
- 5000K in stock, other colors made to order

### Description

**Aleddra's** LED Flood Light is designed with versatility in mind. It's compact and light weight, and with a wide range for wattage, from 30W to 600W, for all types of outdoor lighting applications. The higher wattage models can be used for sports field lighting. Its yoke mount bracket provides easy adjustment for different lighting direction. When mounting on the building, it can be used as a good wallback fixture. It can also be used on the ground or as a good wallpack fixture. It can also be used on the ground or as a wall wash light. The default beam angle is 60 degree. Aleddra offers many other beam angles on a made-to-order basis.



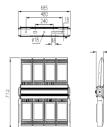








400W: 28"H x 21"W



600W: 28"H x 27"W

### LED Canopy Luminaire 60W, 100W, 130W



### **Key Features**

- Aluminum die-casting heat sink
- 3030 SMD LED
- Efficacy: 90 LM/W
- CCT: 5000K and 5700K
- CRI > 70
- Power Factor >0.90
- Meanwell Driver
- Input voltage: 110V-277V
- Operating temperature: -40°F to 122°F
- Rated life: up to 50,000 hours
- Warranty: 5 years
- IP rating: IP65 wet location
- Dimming: 0-10V dimming (optional)
- Certification: UL, DLC

### Description

Aleddra's LED Canopy Luminaire is an energy-efficient costeffective replacement for an existing traditional canopy luminaire. It's built with top of the line LEDs and the reputable Meanwell driver, which means fewer maintenance costs. Its IP65 rating makes it ideal for wet locations. The canopy light uses aluminum die-casting heat sink and exterior, which provides efficient heat management and a sleek, aesthetic appearance. Aleddra Canopy Light is ETL certified and meets DLC requirements. It comes with a 5-year, 50,000 hour warranty. The application is ideal for gas station canopy lighting applications.

#### Dimensions:

• Type D: 16"W x 16"L x 2.8"H

#### Remarks:

- Both models are for surface mount
- 100W model in stock, other models made to order.
- 5700K in stock, other color temperature made to order
- Black color made to order for Type D Canopy.

Product Label	Wattage	Lumen	DLC
AL-CNP-100W-D-57K (Type D, White)	100W	11000	Yes
AL-CNP-130W-D-57K (Type D, White)	130W	13000	Yes

### LED Canopy Luminaire Lowbay



### **Key Features**

- Efficacy: 90 LM/W
- CCT: 5000K
- CRI > 70
- Power Factor >0.90
- Meanwell Driver
- Input voltage: 110V-277V
- Operating temperature: -40°F to 122°F
- Rated life: up to 50,000 hours
- Warranty: 5 years
- IP rating: IP65 wet location
- Certification: UL, DLC

### Description

Aleddra's LED Lowbay Canopy Luminaire is an energy-efficient cost-effective replacement for an existing traditional lowbay canopy luminaire. It's built with top of the line LEDs and the reputable Meanwell driver, which means fewer maintenance costs. Its IP65 rating makes it ideal for wet locations. Aleddra Canopy Light is UL certified and DLC qualified for utility rebate. It comes with a 5-year, 50,000 hour warranty. The application is ideal for parking garage or low-ceiling canopy lighting applications.

Dimensions: 12.4"W x 12.4"L x 6.9"H

### **Ordering Information**

Product Label	Wattage	Lumen	DLC
AL-CN-40W-A-50K	40W	3600	Yes
AL-CN-60W-A-50K	60W	5400	Yes

Remarks:

- 40W model in stock, other models made to order.
- 5000K in stock, other color temperature made to order