Project Name

\_ Type \_

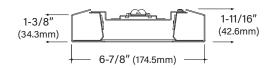






# LINERO L6DI-A-

### **Dual Source Linear**



#### **Key Features**

- One piece die-formed 18 gauge steel housing
- Highly reflective die-formed white painted steel reflector
- Die-cast aluminum end caps
  LINERO offered with a 5-year limited warranty that covers LED, driver and fixture
- UL and cUL Listed
- Approved for dry/damp location
- Maximum fixture weight is 17 lbs per standard 4' fixture
- Room-Side Maintenance for LED system
- Buy American Act compliant











Example Part #: L6DI-A-BW-835HO-835-26'-AC48G1-U-OL2-1-0-W

| L6DI-A-BW | -                | -                  |        | -        | -       |        | -          |                        |        | -                  | -        |
|-----------|------------------|--------------------|--------|----------|---------|--------|------------|------------------------|--------|--------------------|----------|
| HOUSING   | DIRECT<br>OUTPUT | INDIRECT<br>OUTPUT | LENGTH | MOUNTING | VOLTAGE | DRIVER | CIRCUITING | BATTERY &<br>EMERGENCY | FINISH | FIXTURE<br>OPTIONS | CONTROLS |

| L6DI-A-BW   |   |   |  |
|---|---|---|--|
| HOUSING   | DIRECT CRI, CCT & OUTPUT 1  | INDIRECT CRI, CCT & OUTPUT 1  | LENGTH <sup>2</sup>                                  |
| <b>L6DI-A-BW</b> - LINERO 6 with Direct Satine<br>Lens and Indirect Batwing<br><i>Shielding pg. 2</i> | _27 2700K _30 3000K _35 3500K _40 4000K CL Custom Lumens CW Custom Watts Lumen Output pg. 2-3 | _27 2700K _30 3000K _35 3500K _40 4000K CL Custom Lumens CW Custom Watts Lumen Output pg. 2-4 | Individual Fixture<br>Continuous Row<br>Length pg. 4 |

|  |   | _   |  |
|--|---|---|--|
| MOUNTING <sup>3</sup>  | VOLTAGE   | DRIVER  | CIRCUITING   |
| ACG AC to Grid ACJB - AC to J Box ACST - AC to Structure AC5G 5" Non-Power Canopy AC5JB - 5" Square Canopy SQG 5" Square Canopy WA - Wall Mount Mounting pg. 4 | U - Universal<br>(120 thru 277V)<br>1 - 120V<br>2 - 277V<br>3 - 347V<br>Voltage pg. 5 | PL2 - Advance Xitanium (1%, 0-10v) OL5 - Osram (1%, 0-10v, AUX) OD1 - Osram (1%, 0-10v, DEXAL) EE1 - eldoLED ECOdrive (1%, 0-10v) ES1 - eldoLED SOLOdrive (0%, 0-10v) LH1- Lutron Hi-lume (1%, EcoSystem) L51 - Lutron 5-Series (5%, EcoSystem) PS1 - Advance Xitanium (50%/100%) OL2 - Osram (1%, 0-10v) ND - Non-Dimming Driver pg. 5 | 1 - Single Circuit 2 - Dual Circuit M - Multi Circuit E - Emergency (entire fixture) N - Night Light (entire fixture) Circuiting pg. 5 |

| _   |  |  |
|---|--|--|
| BATTERY & EMERGENCY⁴  | FINISH   | CONTROLS <sup>5</sup>  |
| O - None _E - Emergency circuit section _N - Night Light circuit section _L - Life Safety circuit section _G - Bodine GTD _ILL - lota 10w Integral _PLL - Bodine 10w Integral Lithium Battery and Emergency pg. 5 | W - White S - Metallic Silver BL - Textured Black BR - Bronze GR - Graphite CC - Custom Color Finish pg. 6 | DLMFC - Wattstopper DLM (wired) EASYS - Philips EasySense (wireless) SNSLM - Osram Sensilum (wireless) WVLX - Eaton WaveLinx (wireless) VDO - Lutron Vive Sensor (wireless) VRF - Lutron Vive Connected (wireless) ENL Enlighted (wireless) Controls pg. 6 |

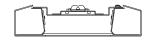
'When specifying SOURCE the first \_ is for specifying either **8** - 80CRI, **9** - 90CRI. The ending \_ are for specifying output, example **HO** - High Output, please contact factory for more information. <sup>2</sup>Individual fixtures come in 4', 6' & 8' lengths. Continuous rows available in 2' increments, starting at 4'. <sup>3</sup>Specify AC Cable length, standard AC is 48"; Specify grid: G1=15/16", G9=9/16", GS=Screw Slot. Example AC48G1. <sup>4</sup>Enter quantity for Battery and Emergency, Example 2PL. <sup>5</sup>Controls can only be used with Single Circuit (1) or Emergency Circuit (E). See Controls chart on page 5 for driver options and more information.



# Housing

### **DUAL OUTPUT**

L6DI-A-BW



### Direct Source: Static White1

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory

• 80 CRI = R9≥19 and 90 CRI = R9≥61

# Custom Output- Lumens OR Wattage

| CL | Specify CRI, CCT and desired lumens (i.e. CL835950)  | Specify lumens between standard offering listed below. Lumens are specified per color temp |
|----|--|--|
| CW | Specify CRI, CCT and desired wattage (i.e. CW9409.5) | Specify watts between standard offering listed below                                       |

# **Direct 80 CRI**

|        | Color | Lumens<br>per foot | Shielding<br>A<br>Satine |       |
|--------|-------|--------------------|--------------------------|-------|
|        |       |                    | Watts/ft                 | LPW   |
| 830LO  | 3000K | 400                | 4.2                      | 96.2  |
| 830    | 3000K | 600                | 6.2                      | 96.0  |
| 830HO  | 3000K | 850                | 8.9                      | 95.1  |
| 830VHO | 3000K | 1250               | 13.5                     | 92.9  |
| 835LO  | 3500K | 400                | 4.0                      | 99.8  |
| 835    | 3500K | 600                | 6.0                      | 99.4  |
| 835HO  | 3500K | 850                | 8.6                      | 98.5  |
| 835VHO | 3500K | 1250               | 13.0                     | 96.3  |
| 840LO  | 4000K | 400                | 4.0                      | 100.2 |
| 840    | 4000K | 600                | 6.0                      | 99.9  |
| 840HO  | 4000K | 850                | 8.6                      | 99.0  |
| 840VHO | 4000K | 1250               | 12.9                     | 96.7  |

# Direct 90 CRI

| 927LO | 2700K | 400 | 5.0  | 80.3 |
|-------|-------|-----|------|------|
| 927   | 2700K | 600 | 7.5  | 80.2 |
| 927HO | 2700K | 850 | 10.8 | 78.9 |
| 930LO | 3000K | 400 | 4.8  | 83.0 |
| 930   | 3000K | 600 | 7.2  | 83.0 |
| 930HO | 3000K | 850 | 10.4 | 81.7 |
| 935LO | 3500K | 400 | 4.7  | 84.7 |
| 935   | 3500K | 600 | 7.1  | 84.7 |
| 935HO | 3500K | 850 | 10.2 | 83.5 |
| 940LO | 4000K | 400 | 4.8  | 84.2 |
| 940   | 4000K | 600 | 7.1  | 84.0 |
| 940HO | 4000K | 850 | 10.3 | 82.8 |

<sup>1</sup>LPW and watts/ft based off 96" fixture size.





### Indirect Source: Static White1

| Color   Lumens   Shielding   BW   Batwing   Watts/ft   LPW   LPW   Sagon   S | Indirect 80 ( | CRI   |      |                      |       |
|--|---------------|-------|------|----------------------|-------|
| 830LO     3000K     400     3.1     129.9       830     3000K     600     4.4     135.5  |               | Color |      | <b>BW</b><br>Batwing | I PW  |
| 33331 333 311  | 830LO         | 3000K | 400  |                      | 129.9 |
| <b>830HO</b> 3000K 850 6.4 133.8   | 830           | 3000K | 600  | 4.4                  | 135.5 |
|  | 830HO         | 3000K | 850  | 6.4                  | 133.8 |
| <b>830VHO</b> 3000K 1250 9.6 130.2   | 830VHO        | 3000K | 1250 | 9.6                  | 130.2 |
| <b>835LO</b> 3500K 400 3.0 134.5   | 835LO         | 3500K | 400  | 3.0                  | 134.5 |
| <b>835</b> 3500K 600 4.3 140.2   | 835           | 3500K | 600  | 4.3                  | 140.2 |
| <b>835HO</b> 3500K 850 6.1 138.7   | 835HO         | 3500K | 850  | 6.1                  | 138.7 |
| <b>835VHO</b> 3500K 1250 9.3 135.1   | 835VHO        | 3500K | 1250 | 9.3                  | 135.1 |
| <b>840LO</b> 4000K 400 3.0 135.1   | 840LO         | 4000K | 400  | 3.0                  | 135.1 |
| <b>840</b> 4000K 600 4.3 140.8   | 840           | 4000K | 600  | 4.3                  | 140.8 |
| <b>840HO</b> 4000K 850 6.1 139.3   | 840HO         | 4000K | 850  | 6.1                  | 139.3 |
| <b>840VHO</b> 4000K   1250   9.2   135.7   | 840VHO        | 4000K | 1250 | 9.2                  | 135.7 |

| Indirect 90 CRI |       |     |     |       |
|-----------------|-------|-----|-----|-------|
| 927LO           | 2700K | 400 | 3.5 | 113.4 |
| 927             | 2700K | 600 | 5.3 | 112.5 |
| 927HO           | 2700K | 850 | 7.6 | 111.3 |
| 930LO           | 3000K | 400 | 3.6 | 110.8 |
| 930             | 3000K | 600 | 5.2 | 116.3 |
| 930HO           | 3000K | 850 | 7.4 | 115.3 |
| 935LO           | 3500K | 400 | 3.5 | 113.2 |
| 935             | 3500K | 600 | 5.0 | 118.9 |
| 935HO           | 3500K | 850 | 7.2 | 117.6 |
| 940LO           | 4000K | 400 | 3.6 | 112.4 |
| 940             | 4000K | 600 | 5.1 | 118.0 |
| 940HO           | 4000K | 850 | 7.3 | 116.7 |

<sup>1</sup>LPW and watts/ft based off 96" fixture size.

# Length

- All individual units cannot be joined, end caps are factory installed and cannot be removed
- Add 3/8" for each end cap or 3/4" to the overall length of the row
- Aperture sizes vary, 4' fixtures have a single 45-7/16" long aperture, 6' fixtures have two 33-11/16" long apertures, and 8' fixtures have two 45-7/16" long apertures

| 4                  | 6                  | 8                  | -  |
|--------------------|--------------------|--------------------|--|
| Individual Fixture | Individual Fixture | Individual Fixture | Continuous Run   |
| 48" (1,219         | mm)                |                    | Continuous rows available in 2' increments, starting at 4' |
|                    | 72" (1,829n        | nm)                |  |
|                    |                    | 96" (2,438mm)      |  |
|                    |                    |                    | Specify to the 2', starting at 4'                          |

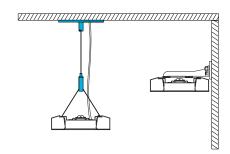


# Mounting

- Specify cable length in ordering code (AC48G1)
- Standard adjustable cable. Specify 48", 120", 240" or 350"
- Adjustable aircraft cable mounts on 4'-0" (1,219mm), 6'-0" (1,829mm) and 8'-0" (3438.4mm) centers
- End caps and standard white power cord attached at factory
- Aircraft Cable supplied with 5" (127mm) power and 2" (51mm) non-power canopies

| ACG1  | Adjustable AC to 1" (15/16") T-Bar |
|-------|------------------------------------|
| ACG9  | Adjustable AC to 9/16" T-Bar       |
| ACGS  | Adjustable AC to Screw Slot T-Bar  |
| ACJB  | Adjustable AC to Junction Box      |
| ACST  | Adjustable AC to Structure         |
| AC5G_ | 5" (127mm) Non-Power Canopy        |
| AC5JB | 5" (127mm) Non-Power Canopy        |
| SQG_  | 5" (127mm) Square Canopy           |
| SQJB  | 5" (127mm) Square Canopy           |
| WA    | Wall Mount                         |

- Canopies match fixture finish, power cords are white, grey, or black depending on fixture finish. See Finish section for additional details.
- Approved for dry/damp location unless otherwise noted
- Refer to installation instructions during installation at the job site
- Maximum fixture weight is 17 lbs. per 4' fixture



# Voltage

Some LINERO configurations will not accommodate all voltage options;

| U | Universal |
|---|-----------|
| 1 | 120 volt  |
| 2 | 277 volt  |
| 3 | 347 volt  |

### Driver

- Standard Driver Option = PL2
- Driver Lifetime: 50,000 hours at 25°C ambient operating conditions
- For more driver options see Pinnacle Resource Guide
- Some LINERO configurations will not accommodate all driver options; consult with factory

| PL2 | Advance Xitanium 1%, 0-10v                                |  |  |  |  |
|-----|---|--|--|--|--|
| OL4 | Osram Optotronic 347v, 1%, 0-10v (requires 347v)          |  |  |  |  |
| OL5 | Osram Optotronic 1%, 0-10v, AUX                           |  |  |  |  |
| OD1 | Osram Optotronic 1%, DEXAL                                |  |  |  |  |
| EE1 | eldoLED ECOdrive 1%, 0-10v Logarithmic                    |  |  |  |  |
| EE6 | eldoLED ECOdrive 1%, for nLight Air Wireless              |  |  |  |  |
| ES1 | eldoLED SOLOdrive 0%, DALI Logarithmic                    |  |  |  |  |
| ES6 | eldoLED SOLOdrive 0%, for nLight Air Wireless             |  |  |  |  |
| LH1 | Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1 |  |  |  |  |
| L51 | Lutron 5-Series 5%, EcoSystem, LDE5                       |  |  |  |  |
| PR1 | Advance Xitanium SR, 5%                                   |  |  |  |  |
| OL2 | Osram Optotronic 1%, 0-10v                                |  |  |  |  |
| ND  | Non-Dimming   |  |  |  |  |



# How to specify Circuiting, Battery and Emergency



- Select fixture circuiting from options below
- Some LINERO configurations will not accommodate all circuiting options, consult with factory

#### Circuiting

| 1 | Single Circuit           |
|---|--------------------------|
| 2 | Dual Circuit             |
| M | Multi Circuit            |
| E | Emergency Circuit only   |
| N | Night Light Circuit only |



- Battery and emergency section options are available in addition to fixture circuit
- Select battery and emergency section options below; factory shop drawing required
- Some LINERO configurations will not accommodate all circuiting options, consult with factory

### Battery and/or Emergency If Required

No battery or specific emergency section required

# **Battery**

- Select battery section type if required, indicate total QTY. Example 2PL
- 90 minute battery runtime; test button is integral to fixture
- For more battery options available, see Pinnacle Resource Guide

| 0     | No battery                                 |
|-------|--|
| _ILL  | lota 10w Integral (self testing)           |
| _ PLL | Bodine 10w Integral Lithium (self testing) |

## For Approximate Battery Lumen Output

- Multiply battery wattage X fixture LPW shown on Lumen Table
- 92.3 (LPW) x 10 (watts) = 923 battery lumen output

#### **Emergency**

- Select emergency section type if required, indicate total QTY. Example 1E
- Combine battery and emergency section ordering codes if both options are selected

| _E | Emergency circuit section                     |  |  |  |  |  |
|----|---|--|--|--|--|--|
| _N | Night Light circuit section                   |  |  |  |  |  |
| _L | Life Safety circuit section NO THROUGH WIRE   |  |  |  |  |  |
| _G | Bodine GTD, Generator Transfer Device section |  |  |  |  |  |

#### **Battery OR Emergency Ordering Examples**

- Single circuit, 10w Integral BatteryEmergency only, 10w Integral Battery
- Emergency only, 10w Integral Battery
  Single circuit GTD required
- Single circuit, GTD required

Ordering Code: 1-1PL
Ordering Code: E-1PL

Ordering Code: 1-1G

#### **Combination Section Ordering Examples**

- Single circuit, (1) 10w battery, (1) emergency section Ordering Code: 1-1PL1E
- Multi circuit, (2) 10w battery, (2) emergency sections
   Ordering Code: M-2PL2E
- Single circuit, (1) night light section
   Ordering Code: 1-1N

#### **Finish**

- Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes
- · Selecting a fixture finish other than white may impact lumen output; consult factory for more information

| W  | White (white cord/white canopy)              |  |  |  |
|----|--|--|--|--|
| S  | Metallic Silver (grey cord/silver canopy)    |  |  |  |
| BL | Textured Black (black cord/black canopy)     |  |  |  |
| BR | Bronze (white cord/bronze canopy)            |  |  |  |
| GR | Graphite (white cord/graphite canopy)        |  |  |  |
| CC | Custom Color (white cord/color match canopy) |  |  |  |

Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.

Designed in Denver, CO • USA | pinnacle-ltg.com | O: 303-322-5570 F: 303-322-5568 L6DI\_A\_BW\_LED\_SPEC\_APRIL2021



# **Controls**

- Pinnacle Lighting offers easy to specify network control solutions that connect to an intelligent centralized system to maximize lighting energy efficiencies or integral sensors for individual fixture control
- Pinnacle Lighting fixtures ship technology ready; commissioning by others
- Controls can only be used with Single Circuit (1) or Emergency Circuit (E)
- Contact factory for any non-standard configurations for layout, placement, or EM options
- One drop/sensor per run typical, contact factory for more information

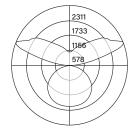
|       | Solution                     | Components         | Network/Sensor                    | Connection            | Required Drivers | Limitations                 |
|-------|------------------------------|--------------------|-----------------------------------|-----------------------|------------------|-----------------------------|
| DLMFC | Legrand Wattstopper DLM      | LMFC-011           | Digital Lighting Management (DLM) | Wired, one RJ45 ports | Any 0-10v        | Not available with Battery  |
| EASYS | Philips EasySense            | SNS-200            | Daylight/PIR Occupancy            | Wireless to switches  | PR1              | Not available with 347 volt |
| SNSLM | Osram Sensilum               | EN-CLM-PIR-DD-ZB   | Encelium, Daylight/PIR Occupancy  | Wireless              | OD1, OL5         | Not available with 347 volt |
| WLVX  | Eaton WaveLinx               | SWPD1, MSP3IVMVDC1 | WaveLinx WCL, Daylight            | Wireless              | Any 0-10v        | Not available with 347 volt |
| VDO   | Lutron Vive Sensor           | DFCSJ-OEM-OCC      | Vive, Daylight/PIR Occupancy      | Wireless              | OD1, PR1         | Not available with 347 volt |
| VRF   | Lutron Vive Connected        | DFCSJ-OEM-RF       | Vive                              | Wireless              | OD1, PR1         | Not available with 347 volt |
| ENLI  | Enlighted IOT                | SU-5E-IOT, CU-4E   | Enlighted, Daylight/PIR Occupancy | Wireless              | Any 0-10v        | Not available with 347 volt |
| ENLC  | Enlighted Connected Lighting | SU-5E-CL, CU-4E    | Enlighted, Daylight/PIR Occupancy | Wireless              | Any 0-10v        | Not available with 347 volt |

#### **Photometrics**

#### Satine Lens

Test # ITI 90511-GONIOPHOTOMETRY Catalog # L6DI-A-BW-840VHO-840VHO-4

Lumens 9855 lm Watts 98.9 W Efficacy 99.6 LPW



### Candela Distribution

| Vert  | Horizontal | Angle |
|-------|------------|-------|
| Anglo |            |       |

| ringic |      |      |      |      |      |
|--------|------|------|------|------|------|
|        | 0    | 22.5 | 45   | 67.5 | 90   |
| 0      | 1709 | 1709 | 1709 | 1709 | 1709 |
| 5      | 1701 | 1702 | 1703 | 1704 | 1705 |
| 15     | 1645 | 1638 | 1656 | 1667 | 1666 |
| 25     | 1523 | 1516 | 1553 | 1576 | 1582 |
| 35     | 1342 | 1345 | 1391 | 1425 | 1437 |
| 45     | 1118 | 1125 | 1174 | 1210 | 1222 |
| 55     | 865  | 871  | 911  | 937  | 947  |
| 65     | 588  | 593  | 617  | 634  | 639  |
| 75     | 303  | 309  | 318  | 324  | 326  |
| 85     | 68   | 70   | 73   | 73   | 72   |
| 90     | 0    | 26   | 147  | 42   | 38   |
| 95     | 42   | 129  | 884  | 385  | 320  |
| 100    | 143  | 203  | 1045 | 1655 | 1199 |
| 105    | 223  | 306  | 664  | 1980 | 2311 |
| 115    | 299  | 369  | 678  | 1567 | 1869 |
| 125    | 375  | 435  | 708  | 1247 | 1550 |
| 135    | 420  | 488  | 722  | 974  | 1101 |
| 145    | 472  | 524  | 676  | 826  | 887  |
| 155    | 518  | 542  | 608  | 670  | 698  |
| 165    | 545  | 548  | 557  | 565  | 568  |
| 175    | 549  | 549  | 549  | 549  | 549  |
| 180    | 261  | 261  | 261  | 261  | 261  |
|        |      |      |      |      |      |

# Luminance Data (cd/sq.m)

| Angle In<br>Degrees | Average<br>0-Deg | Average<br>45-Deg | Average<br>90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45                  | 4109             | 4109              | 4095              |
| 55                  | 3962             | 3945              | 3945              |
| 65                  | 3718             | 3671              | 3671              |
| 75                  | 3207             | 3207              | 3169              |
| 85                  | 2381             | 2381              | 2381              |

For all available IES files, please visit our website at pinnacle-ltg.com. Photometry testing in accordance to IESNA-LM-79-08 at an NVLAP accredited testing laboratory. Testing conducted at 25°C ambient conditions



# **Approvals & Certifications**

**Construction:** One piece die-formed 18 gauge steel housing in a 6-7/8" (174mm) by 1-11/16" (42mm) profile with a 1-3/8" (34mm) side profile. Standard 4'-0" (1,219mm), 6'-0" (1,828mm) and 8'-0" (3,438mm) fixtures can be joined to create continuous runs. Standard high reflectance die-formed white painted aluminum.

**Shielding:** Direct: white satine lens with matte finish. Indirect: 40/60 distribution uses a batwing diffuser, 70/30 distribution uses a perforated reflector and clear dust guard, 100 direct distribution uses a steel top cover. 4' fixtures have a single 45-7/16" long aperture, 6' fixtures have two 33-11/16" long apertures, and 8' fixtures have two 45-7/16" long apertures.

**Mounting:** Adjustable aircraft cable, or wall mounts available. Air Craft Cable mounts on 4'-0" (1,219mm), 6'-0" (1,828mm) and 8'-0" (3,438mm) centers. Refer to installation instructions for appropriate ceiling detail. Maximum fixture weight is 17 lbs. per 4' fixture.

**LED:** 25°C test environment. Lumen output/wattage has a margin of +/- 5%. All luminaire configurations tested in accordance with IES LM-79. Diodes tested in accordance with IES LM-80. Lifetime calculated using IES TM-21. Minimum lifetime greater than 60,000 hours. Lifetime Projection: L70 lifetime - 114,000 hours L90 lifetime - 34,000 hours. MacAdam 3-Step Ellipses. For all available IES files, please visit our website at pinnacle-ltg.com.

CRI, CCT & Lumen Output: Two lumen packages available. Standard and High (HO). Custom outputs are available. Specify custom lumens or watts between standard offering listed on CRI, CCT & Output page. 80 CRI is available for 3000K, 3500K, and 4000K. 90 CRI is available for 2700K, 3000K, 3500K, and 4000K. 80 CRI = R9≥19 and 90 CRI = R9≥61. Fixture performance and photometric data based on 8' configuration for worst case input voltage. Published lumen or wattage data based on OL1 configuration.

**Voltage:** Universal (U), 120 volt (1), 277 volt (2) and 347 volt (3) options available. Must specify OL4 in Driver section when 347 volt (3) is selected. Some LINERO configurations will not accommodate all voltage options; consult with factory.

**Driver:** Standard Driver Option is Osram 0-10V, 10% = OL2. Electronic driver, Power factor is >0.9 with a THD <20%. Driver Lifetime: 50,000 hours at 25°C ambient operating conditions. Ambient operating range for 40%, 70% and 100%: -23F/-30C to 125F/52C For more driver options, see Pinnacle Resource Guide. Some LINERO configurations will not accommodate all driver options.

**Circuiting:** Select from single circuit (1), Multi circuit (M), Emergency circuit (E), Night Light circuit (N) or Life Safety (L). For emergency circuiting situations that require no through wire or circuit separation, Life Safety Circuit should be selected. This will provide a separate power feed and only the Life Safety Circuit in that section. Some LINERO configurations will not accommodate all circuiting options; consult with factory.

**Battery & Emergency:** Select battery or emergency options if required. If battery or emergency option is not required, enter 0. Battery duration is 90 minutes as standard. Test button is integral to fixture. For more Battery options, see Pinnacle Resource Guide.

**Finish:** Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish, consult factory for chip of standard paint finishes. Canopies painted white unless specified differently in the options section of the part number. Contact factory for additional custom color and finish options.

Controls: DLM utilizes wired network connections for digital control through switching and dimming with 0-10v LED drivers. nLight Air rIO module provides wireless control using eldoLED LED drivers. nLight Air rES7 sensor provides wireless control, daylight harvesting and occupancy detection with PIR or PDT using eldoLED LED drivers. EasySense sensor provides daylight harvesting and PIR occupancy detection using the SR driver; the Philips app provides advanced configurations. ENCELIUM SensiLUM sensor provides wireless control, daylight harvesting and PIR occupancy; driver data is available when using the DEXAL LED driver. WaveLinx Connected Lighting sensor provides wireless control and adylight harvesting using 0-10V LED drivers. Lutron Vive sensor provides wireless control, daylight harvesting and PIR occupancy detection using DEXAL or SR LED drivers. Lutron Vive module provides wireless control using DEXAL or SR LED drivers. Enlighted Smart Sensor provides multi-functionality including daylight harvesting and PIR occupancy; for IOT platform using 0-10v LED drivers. Enlighted Smart Sensor provides multi-functionality including daylight harvesting and PIR occupancy; for Connected platform using 0-10v LED drivers.

Labels: UL and cUL Listed. Approved for dry/damp location unless otherwise noted.

Fixture Weight: Maximum fixture weight is 17 lbs (per 4' fixture).

#### **Buy American Act Compliant**

**Warranty:** LINERO LED offered with a 5-year limited warranty. Covers LED, driver and fixture.