FLEX DC® 44 is a high performance flexible LED fixture suitable for use in coves, under cabinets, in shelves, in-grade, and virtually anywhere a linear fixture is required.

**ELECTRICAL**

- **Input Voltage**: 24VDC
- **Dimming Options**:
  - PURE DC™
  - MLV
  - 0-10V
  - DMX
  - Lutron (2-WIRE, 3-WIRE, EcoSystem)
- **Power Consumption**: 4.4 Watts per foot
- **Wire Size**: 18AWG, 2 wire
- **Regulatory**:
  - ETL - Conforms to UL Std. 2108; Certified to CSA Std. C22.2 No. 9.0
  - **Title 24** - Selected models are JA8 2016 compliant when used with 0-10V, DMX, Lutron A-Series 2-Wire or Lutron Premier dimming. JA8 option must be specified in part number builder below.

**PHYSICAL**

- **Field Cuttable**: Every 3.89”
- **Operating Temperature**: -40°C (-40°F) to +70°C (+158°F)
- **Environment**:
  - IP40 - Dry Location
  - IP68 - Wet Location
- **Maximum Run Length**:
  - IP40: 21’
  - IP68: 21’
- **Dimensions (WxH)**:
  - IP40: 0.38” (9.53mm) x 0.13” (3.18mm)
  - IP68: 0.50” (12.7mm) x 0.25” (6.35mm)
  - IP68 Endcaps: 0.57” (14.29mm) x 0.38” (9.53mm)

**LUMEN OUTPUT**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>VOLTAGE</th>
<th>WATTAGE</th>
<th>CONFIGURATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLEXDC</td>
<td>24 = 24 VDC</td>
<td>44 = 4.4W</td>
<td>FLC1 = FLEX Config 1</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

- **Mounting Clips**: FLEXMNT.SIL.INT, FLEXMNT.SIL.EXT12 (pg. 8)
- **Channels**: Optic Arts® Channel (pg. 3-7)
- **Connectors**: LC-I2P-M, LC-I2P-F, LC-O2P-F, LC-O2P-M (pg. 8)
- **FLEXConfig-1 Accessories**: FLEXDC.PTC.02.10, FLEXDC.BSC.02.10, LO-18G-2C-W-72, LP-18G-2C-W-72, LO-18G-2C-W-SP, LP-18G-2C-W-SP (pg. 9)

**PERFORMANCE**

- **CRI**: 90+
- **Lumen Maintenance**: 50,000 Hours
- **Binning Tolerance**: +/- 100K
- **Warranty**: 5 years

Note: Stated lumen values have a tolerance of +/- 10%.

1: Offered in JA8 when used with 0-10V, DMX, Lutron A-Series 2-Wire or Lutron Premier dimming (IP40).

**PART NUMBER BUILDER**

<table>
<thead>
<tr>
<th>SERIES</th>
<th>IP RATING</th>
<th>COLOR</th>
<th>VOLTAGE</th>
<th>WATTAGE</th>
<th>CONFIGURATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FLEXDC</td>
<td>40 = IP40 - Dry Location</td>
<td>R = Red</td>
<td>24 = 24 VDC</td>
<td>44 = 4.4W</td>
<td>FLC1 = FLEX Config 1</td>
</tr>
<tr>
<td></td>
<td>68 = IP68 - Wet Location</td>
<td>G = Green</td>
<td></td>
<td></td>
<td>FLC2 = FLEX Config 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B = Blue</td>
<td></td>
<td></td>
<td>FLC3 = FLEX Config 3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>A = Amber</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>XX = Custom Length</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Y = Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>N = No</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1: Offered in JA8 when used with 0-10V, DMX, Lutron A-Series 2-Wire or Lutron Premier dimming (IP40).
## Dimensions

### Indoor Flex DC® 44

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>0.39&quot; (10.05mm)</td>
</tr>
<tr>
<td>Height</td>
<td>0.10&quot; (2.54mm)</td>
</tr>
<tr>
<td>Cuttable Segment Length</td>
<td>3.89&quot; (99.00mm)</td>
</tr>
<tr>
<td>Pitch Length</td>
<td>0.65&quot; (16.50mm)</td>
</tr>
<tr>
<td>Max Run Length</td>
<td>21.00' (6400.00mm)</td>
</tr>
</tbody>
</table>

### Outdoor Flex DC® 44

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>0.50&quot; (12.70mm)</td>
</tr>
<tr>
<td>Height</td>
<td>0.20&quot; (5.15mm)</td>
</tr>
<tr>
<td>Width (Endcap)</td>
<td>0.57&quot; (14.50mm)</td>
</tr>
<tr>
<td>Height (Endcap)</td>
<td>0.38&quot; (9.53mm)</td>
</tr>
<tr>
<td>Max Run Length</td>
<td>21.00' (6096.00mm)</td>
</tr>
</tbody>
</table>

*Encased in silicone*
**FLEX DC® 44**

**Specifcation Sheet**

**MOUNTING OPTIONS - COMPATIBLE CHANNELS**

**KEY**

**DIFFUSION LEVEL:**
- Not Blended
- Center Blend
- Blended with Milky Lens

**CONFIGURATION:**
- Configuration 1
- Configuration 1 with Auxiliary Housing Accessory
- Configuration 2
- Configuration 3

**CHS-R-1208**

- Click on channel titles below to access complete channel cut sheets.

---

### SMALL CHANNELS

**SMALL CHANNEL PART NUMBER BREAKDOWN:**

<table>
<thead>
<tr>
<th>CHANNEL</th>
<th>CHANNEL SIZE</th>
<th>CHANNEL TYPE</th>
<th>LENS TYPE</th>
<th>LENS DIFFUSION</th>
<th>FINISH</th>
<th>MOUNTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH-SM</td>
<td>Small</td>
<td>LS = Legacy Short</td>
<td>SF = Surface</td>
<td>FL = Flat</td>
<td>Standard Finish</td>
<td>NA = Direct Surface</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LT = Legacy Tall</td>
<td>RE = Recessed</td>
<td>GZ = Grazer</td>
<td></td>
<td>MC = Mounting Clip</td>
</tr>
</tbody>
</table>

**MATERIAL**
- Anodized Aluminum

**DESCRIPTION**
- Small - Short - Recessed - Channel

**LENGTH**
- 7 Ft.

**LENS TYPES**
- Clear, Frosted, Milky

**ACCESSORIES**
- Endcap, Endcap w/hole

---

### SMALL CHANNEL ENGINEERING DRAWINGS

**CH-SM-LT-RE**

*(Previously Known As CHS-R-1715)*

- Fits IP40 FLEX DC® Only

**MATERIAL**
- Anodized Aluminum

**DESCRIPTION**
- Small - Tall - Recessed - Channel

**LENGTH**
- 7 Ft.

**LENS TYPES**
- Clear, Frosted, Milky

**ACCESSORIES**
- Endcap, Endcap w/hole, Mounting Clip, Rotating Mounting Clip

---

**CH-SM-LT-SF**

*(Previously Known As CHS-S-1715)*

- Fits IP40 FLEX DC® Only

**MATERIAL**
- Anodized Aluminum

**DESCRIPTION**
- Small - Tall - Surface - Channel

**LENGTH**
- 7 Ft.

**LENS TYPES**
- Clear, Frosted, Milky

**ACCESSORIES**
- Endcap, Endcap w/hole, Mounting Clip, Rotating Mounting Clip

---

**FLEX Connect Auxiliary Housing Accessories**

See page 8 for Flex Connect Auxiliary Housing Accessories.

---

**Lens Types**
- Clear
- Frosted
- Milky

---

**Recently Modified:**

July 31, 2019 4:26 PM
### MEDIUM CHANNEL PART NUMBER BREAKDOWN:

<table>
<thead>
<tr>
<th>MATERIAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anodized Aluminum</td>
</tr>
<tr>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>Medium - Lite - Surface - Channel.</td>
</tr>
<tr>
<td>LENGTH</td>
</tr>
<tr>
<td>7 Ft.</td>
</tr>
<tr>
<td>LENS TYPES</td>
</tr>
<tr>
<td>Clear</td>
</tr>
<tr>
<td>Frosted</td>
</tr>
<tr>
<td>Milky</td>
</tr>
<tr>
<td>ACCESSORIES</td>
</tr>
<tr>
<td>Endcap</td>
</tr>
<tr>
<td>Endcap w/hole</td>
</tr>
<tr>
<td>Mounting Clip</td>
</tr>
<tr>
<td>Rotating Mounting Clip</td>
</tr>
</tbody>
</table>

### MATERIAL

CH-MD-LS-SF

<table>
<thead>
<tr>
<th>CH-MD-LS-RE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anodized Aluminum</td>
</tr>
<tr>
<td>DESCRIPTION</td>
</tr>
<tr>
<td>Medium - Recessed - Channel.</td>
</tr>
<tr>
<td>LENGTH</td>
</tr>
<tr>
<td>7 Ft.</td>
</tr>
<tr>
<td>LENS TYPES</td>
</tr>
<tr>
<td>Clear</td>
</tr>
<tr>
<td>Frosted</td>
</tr>
<tr>
<td>Milky</td>
</tr>
<tr>
<td>ACCESSORIES</td>
</tr>
<tr>
<td>Endcap</td>
</tr>
<tr>
<td>Endcap w/hole</td>
</tr>
<tr>
<td>Mounting Clip</td>
</tr>
<tr>
<td>Rotating Mounting Clip</td>
</tr>
</tbody>
</table>

### MOUNTING OPTIONS - COMPATIBLE CHANNELS

- **Not Blended**
- **Blended w/Milky Lens**

#### Configuration 1

- **Configuration 1 with Auxiliary Housing Accessory**

#### Configuration 2

- **Configuration 2**

#### Configuration 3

### MEDIUM CHANNEL PART NUMBER BREAKDOWN:

<table>
<thead>
<tr>
<th>CHANNEL</th>
<th>CHANNEL SIZE</th>
<th>CHANNEL TYPE</th>
<th>LENS TYPE</th>
<th>LENS DIFFUSION</th>
<th>FINISH</th>
<th>MOUNTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>CH-MD-LS-SF</td>
<td>Legacy Short</td>
<td>SF = Surface</td>
<td>FL = Flat</td>
<td>Clear</td>
<td>NA = Direct Surface</td>
<td></td>
</tr>
<tr>
<td>CH-MD-LS-RE</td>
<td>Recessed 1</td>
<td>RE = Recessed</td>
<td>FL = Flat</td>
<td>Clear</td>
<td>NA = Direct Surface</td>
<td></td>
</tr>
<tr>
<td>CH-MD-TL-SF</td>
<td>Tall 1</td>
<td>TL = Tall 1</td>
<td>FL = Flat</td>
<td>Clear</td>
<td>NA = Direct Surface</td>
<td></td>
</tr>
</tbody>
</table>

**MATERIAL**

- Anodized Aluminum

**DESCRIPTION**

- Medium - Lite - Surface - Channel.

**LENGTH**

- 7 Ft.

**LENS TYPES**

- Clear
- Frosted
- Milky

**ACCESSORIES**

- Endcap
- Endcap w/hole
- Mounting Clip
- Rotating Mounting Clip
- Pendant

**FINISH**

- Standard Finish
- Special Powder Coat Finishes

**MOUNTING OPTIONS**

- Blended
- Not Blended

**NOTES**

1. Only available in surface channel type.
2. Not available for tall channel.
3. Powder coat finishes may increase order lead time and incur an added cost.
4. Not compatible with recessed options.
### LARGE CHANNELS

#### CHANNEL PART NUMBER BREAKDOWN:

<table>
<thead>
<tr>
<th>SERIES</th>
<th>APPLICATION</th>
<th>DIMENSIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHS</td>
<td>S = Surface Mount</td>
<td>XXXX = W x H (mm)</td>
</tr>
<tr>
<td>CHW</td>
<td>R = Recessed Mount</td>
<td></td>
</tr>
<tr>
<td></td>
<td>C = Corner Mount</td>
<td></td>
</tr>
<tr>
<td></td>
<td>H = Hanging Mount</td>
<td></td>
</tr>
</tbody>
</table>

#### MATERIAL
- Anodized Aluminum

#### DESCRIPTION
- Wide and deep surface mounted or hanging channel. Eliminates visible LED nodes for most FLEX DC® products when used with a milky lens.

#### ACCESSORIES
- Endcap
- Mounting Clip
- Hanging Hardware
- Bracket Straight
- Bracket 90º Flat
- Bracket 90º Raised

#### LENS TYPES
- Frosted
- Milky

#### CORNER CHANNELS

#### MATERIAL
- Anodized Aluminum

#### DESCRIPTION
- Slim corner mount channel.

#### ACCESSORIES
- Endcap
- Mounting Clip

#### LENS TYPES
- Clear
- Frosted
- Milky

---

**CHW-S-3535**

- **A:** 1.39” (35.25mm)
- **B:** 0.96” (24.50mm)
- **C:** 1.39” (35.25mm)
- **D:** 2.00” (51.04mm)

---

**CHW-R-4435**

- **A:** 1.39” (35.25mm)
- **B:** 0.96” (24.50mm)
- **C:** 1.39” (35.25mm)
- **D:** 2.00” (51.04mm)

---

**CHS-C-1919**

- **A:** 0.73” (18.50mm)
- **B:** 0.48” (12.20mm)
- **C:** 0.73” (18.50mm)

---

**CHS-C-1616**

- **A:** 0.63” (16.00mm)
- **B:** 0.39” (10.00mm)
- **C:** 0.63” (16.00mm)
**CORNER CHANNELS**

**CHW-C-3030**

- **MATERIAL**: Anodized Aluminum
- **DESCRIPTION**: 45 degree channel with rounded lens.
- **LENGTH**: 2 meter
- **LENS TYPES**:
  - Clear: CHW-C-3030-CC
  - Frosted: CHW-C-3030-CF
  - Milky: CHW-C-3030-CM
- **ACCESSORIES**:
  - Endcap: CHW-C-3030-EC
  - Endcap w/hole: CHW-C-3030-ECH
  - Mounting Clip: CHW-C-3030-MC

**CHW-C-3030S**

- **MATERIAL**: Anodized Aluminum
- **DESCRIPTION**: 45 degree channel with square lens.
- **LENGTH**: 2 meter
- **LENS TYPES**:
  - Clear: CHW-C-3030S-CC
  - Frosted: CHW-C-3030S-CF
  - Milky: CHW-C-3030S-CM
- **ACCESSORIES**:
  - Endcap: CHW-C-3030S-EC
  - Endcap w/hole: CHW-C-3030S-ECH
  - Mounting Clip: CHW-C-3030S-MC

**SPECIALTY CHANNELS**

**CHS-S-1922R**

- **MATERIAL**: Anodized Aluminum
- **DESCRIPTION**: Slim surface mounted channel with rounded wrap around lens. Mounting clip is fully concealed within fixture base.
- **LENGTH**: 2 meter
- **LENS TYPES**: Milky
- **ACCESSORIES**:
  - Endcap: CHS-S-1922R-EC
  - Endcap w/hole: CHS-S-1922R-ECH
  - Mounting Clip: CHS-S-1922R-MC

**CHS-S-1922S**

- **MATERIAL**: Anodized Aluminum
- **DESCRIPTION**: Slim surface mounted channel with square wrap around lens. Mounting clip is fully concealed within fixture base.
- **LENGTH**: 2 meter
- **LENS TYPES**: Milky
- **ACCESSORIES**:
  - Endcap: CHS-S-1922S-EC
  - Endcap w/hole: CHS-S-1922S-ECH
  - Mounting Clip: CHS-S-1922S-MC

**CHW-S-2623**

- **MATERIAL**: Anodized Aluminum
- **DESCRIPTION**: Surface mounted channel with wrap around lens.
- **LENGTH**: 2 meter
- **LENS TYPES**: Milky
- **ACCESSORIES**:
  - Endcap: CHW-S-2623-EC
  - Endcap w/hole: CHW-S-2623-ECH

**CHW-S/H-2027**

- **MATERIAL**: Anodized Aluminum
- **DESCRIPTION**: Small surfaced mounted or hanging channel with wrap around lens.
- **LENGTH**: 2 meter
- **LENS TYPES**: Milky
- **ACCESSORIES**:
  - Endcap: CHW-S/H-2027-EC
  - End Cap w/hole: CHW-S/H-2027-ECH
  - Hanging Hardware: CHW-S/H-MM
  - Bracket: CHW-S/H-BS
  - Bracket 90º Flat: CHW-S/H-BF
  - Bracket 90º Raised: CHW-S/H-BFR

*Must specify for hanging or surface mount application.*
### SPECIALTY CHANNELS

#### CHW-S/H-3561
- **Material:** Anodized Aluminum
- **Description:** Large surface mounted or hanging channel with wrap around lens.
- **Length:** 2 meter
- **Lens Types:** Milky
- **Accessories:**
  - Endcap: CHW-SH-3561-CM
  - End Cap w/ hole: CHW-SH-3561-EC
  - Bracket Straight: CHW-SH-MW
  - Bracket 90° Flat: CHW-SH-B90F
  - Bracket 90° Raised: CHW-SH-B90R

#### CHW-S/H-3030
- **Material:** Anodized Aluminum
- **Description:** Wide and deep surface mounted or hanging channel with flat lens for even blending.
- **Length:** 2 meter
- **Lens Types:** Milky
- **Accessories:**
  - Endcap: CHW-SH-3030-CM
  - End Cap w/ hole: CHW-SH-3030-EC
  - Bracket Straight: CHW-SH-MW
  - Bracket 90° Flat: CHW-SH-B90F
  - Bracket 90° Raised: CHW-SH-B90R

#### CHW-S/H-7532
- **Material:** Anodized Aluminum
- **Description:** Wide surface mounted or hanging channel with flat lens.
- **Length:** 2 meter
- **Lens Types:** Frosted
- **Accessories:**
  - Endcap: CHW-SH-7532-CF
  - End Cap w/ hole: CHW-SH-7532-EC
  - Bracket Straight: CHW-SH-B90F
  - Bracket 90° Flat: CHW-SH-B90R
  - Bracket 90° Raised: CHW-SH-B90R

#### CHSP-S-1618
- **Material:** Anodized Aluminum
- **Description:** Includes an aluminum insert that allows selection between 4 different beamspreads based on the position of the insert.
- **Length:** 2 meter
- **Lens Types:**
  - Focusing Lens: CHSP-S-1618-CFL
- **Accessories:**
  - Endcap: CHSP-S-1618-EC
  - Endcap w/ hole: CHSP-S-1618-ECH
  - Mounting Clip: CHSP-S-1618-MC

---

*Must specify for hanging or surface mount application.*
ACCESSORIES

**FLEX.ZIP**
Strain Relief Clip

**FLEXMNT.SIL.INT**
Indoor Mounting Clip

**FLEXMNT.SIL.EXT12**
Outdoor Mounting Clip

**LC-I2P-M**
Indoor Lead Connector (Male)

**LC-I2P-F**
Indoor Lead Connector (Female)

**LC-O2P-F**
Outdoor Lead Connector (Female)

**LC-O2P-M**
Outdoor Lead Connector (Male)
**ACCESSORIES**

**FLEXDC.PFC.02.10**
Field installed FLEX Connect® power feed - 2 Conductor for 10mm Strip

**FLEXDC.BSC.02.10**
Field installed FLEX Connect® butt splice - 2 Conductor for 10mm Strip

**LO-18G-2C-W-72**
6' wire lead for FLEX Connect®
(not in-wall rated)

**LP-18G-2C-W-72**
6' Plenum rated wire lead for FLEX Connect®

**LO-18G-2C-W-SP**
1000' spool of wire for FLEX Connect® (not in-wall rated)

**LP-18G-2C-W-SP**
500' box of Plenum rated wire for FLEX Connect®

**FLEXDC-PFC-HO-1208-SS-KIT**
FLEX Connect® housing for CHS-S-1208

**FLEXDC-PFC-HO-1715-SS-KIT**
FLEX Connect® housing for CHS-S-1715

Optic Arts reserves the right to modify this specification without prior notice.

Optic Arts’ products are CE and cULus certified and are compliant with the RoHS directive. They have a 5-year warranty against manufacturing defects.

© Optic Arts 2018
FLEX cut to length with FLEX Connect® Power Feeds for Field Termination, Channel uncut for field cutting

- Specify FLEXConfig-1
- Specify FLEX type and channel type
- FLEX factory cut to length, but not terminated
- One FLEX Connect® power feed connector and 6’ lead provided per FLEX run
  - Uncut rolls of lead wire can also be provided (see page 8 for part #)
- Channel shipped uncut for field cutting.
- Specify number of butt splices (not shown - see page 8)
- IP68 not available in FLEXConfig-1
- JA8 2016 not available in FLEXConfig-1
- FLEXConfig-1 is quick ship if run lengths are provided at time of order. Take offs, if needed, will add lead time.

Cut To Length With Soldered Leads, Assemble On-Site 1, 2, 3

- Specify FLEXConfig-2
- Specify FLEX type and channel type
- Specify run lengths
- IP68 only available in FLEXConfig-2
- Channel shipped uncut for field cutting.
- If no config is specified, and run lengths are provided, FLEXConfig-2 will be used

Pre-Assembled Factory Finished Fixtures 1, 2

- Contact factory for Configuration 3
- Specify FLEXConfig-3
- Fully assembled fixture
- ETL stamped and listed as a fixture
- 6.50’ max length
- Standard 6’ power lead unless otherwise specified
- The below channels CANNOT be factory assembled:

**Slim:**
- CHS-R-1208
- CHS-R-1715
- CHS-C-1616
- CHC-S-1921

**Specialty:**
- CHSP-R-2970
- CHSP-S-1618
- CHSP-STEP-8142

**Small:**
- CH-SM-LS-RE
- CH-SM-LT-RE

**Large:**
- CHW-R-2010
- CHW-S-2027
- CHW-S-7532
- CHW-S-2623
- CHW-S-3030
- CHW-S-3561

NOTES:
1. Due to the nature of the FLEX DC® product, specific lengths may not fall exactly on a cutting point. In this case, Optic Arts® will always cut to the smaller dimension unless otherwise specified.
2. Unless otherwise specified, channel is cut 15mm longer than FLEX DC®.
3. Some on-site assembly required. See installation guides for details.
### FLEX DC® 44

**Specification Sheet**

**COMPATIBLE DRivers**

**PURE DC® LITE (PDCL)**

<table>
<thead>
<tr>
<th>PART</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDCL30.24</td>
<td>30W 100-277VAC DIMMABLE DRIVER</td>
</tr>
<tr>
<td>PDCL60.24</td>
<td>60W 100-277VAC DIMMABLE DRIVER</td>
</tr>
<tr>
<td>PDCL96.24</td>
<td>96W 100-277VAC DIMMABLE DRIVER</td>
</tr>
</tbody>
</table>

**DIMENSIONS**

<table>
<thead>
<tr>
<th>PART</th>
<th>H</th>
<th>W</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDCL30.24</td>
<td>6.5&quot;</td>
<td>2.08&quot;</td>
<td>2.62&quot;</td>
</tr>
<tr>
<td>PDCL60.24</td>
<td>7.02&quot;</td>
<td>2.68&quot;</td>
<td>2.62&quot;</td>
</tr>
<tr>
<td>PDCL96.24</td>
<td>8.66&quot;</td>
<td>3.66&quot;</td>
<td>3.62&quot;</td>
</tr>
</tbody>
</table>

**DIMMING PERFORMANCE**

- PURE DC® LITE DRIVER: Dims to 0.1% on most MLV dimmers

**NOTE:** Must be loaded at least 10% of rated load to obtain optimal dimming.

**PURE DC™ MLV (PDC)**

<table>
<thead>
<tr>
<th>PART</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDC.40.24</td>
<td>40W 120/277VAC PURE DC™ MLV DIMMABLE DRIVER</td>
</tr>
<tr>
<td>PDC.96.24</td>
<td>96W 120/277VAC PURE DC™ MLV DIMMABLE DRIVER</td>
</tr>
</tbody>
</table>

**DIMENSIONS**

<table>
<thead>
<tr>
<th>PART</th>
<th>L</th>
<th>W</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDC.40.24</td>
<td>14.25&quot;</td>
<td>3.00&quot;</td>
<td>2.88&quot;</td>
</tr>
<tr>
<td>PDC.96.24</td>
<td>14.75&quot;</td>
<td>4.31&quot;</td>
<td>4.81&quot;</td>
</tr>
</tbody>
</table>

**DIMMING PERFORMANCE**

- PURE DC™ DRIVER: Dims to 0.1% on most MLV dimmers

**TRIAC DIMMER**

- L Black N White
- 100 - 277 VAC
- GROUND
- 24V DC+
- 24V DC−
- Red+ Black−
### COMPATIBLE DRIVERS

#### ELECTRONIC DRIVER - NON-DIM (ND)

<table>
<thead>
<tr>
<th>PART</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>GG100E-24-UNV</td>
<td>96W 120-277VAC ELECTRONIC DRIVER</td>
</tr>
</tbody>
</table>

**DIMENSIONS**

- ELECTRONIC DRIVER: H 3.00”, W 11.46”, D 1.30”

**DIMMING PERFORMANCE**

- ELECTRONIC DRIVER: Non-Dim

#### ELECTRONIC DRIVER W/0-10V MODULE (010)

<table>
<thead>
<tr>
<th>PART</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>GG100E-24-UNV-010V</td>
<td>96W 120-277VAC ELECTRONIC DRIVER WITH 0-10V DIMMING MODULE (SINK)</td>
</tr>
</tbody>
</table>

**DIMENSIONS**

- ELECTRONIC DRIVER: H 3.00”, W 11.46”, D 1.30”

**DIMMING PERFORMANCE**

- ELECTRONIC DRIVER - 0-10V: Dims below 1% on most 0-10V dimmers

---

**FIELD INSTALLED IN LOW VOLTAGE WIRING COMPARTMENT**

- Install DIM-010V Module in low voltage wiring compartment.
- Max number of 25 modules on one dimmer. Consult dimmer datasheet for maximum device limitation of a specific controller.

**WIRING DIAGRAM**

- Gray wire to 0-10V controller -
- Violet wire to 0-10V controller +
- Black wire to DC - output of driver
- Red wire to DC + output of driver
- Blue wire to LED -
- Yellow wire to LED +
COMPATIBLE DRIVERS

ELECTRONIC DRIVER W/DMX MODULE (DMX)

<table>
<thead>
<tr>
<th>PART</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>GG100E-24-UNV-DMX</td>
<td>96W 120-277VAC ELECTRONIC DRIVER WITH eldoLED DMX DIMMING MODULE</td>
</tr>
</tbody>
</table>

DIMENSIONS

<table>
<thead>
<tr>
<th>PART</th>
<th>H</th>
<th>W</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>96W</td>
<td>3.00&quot;</td>
<td>11.46&quot;</td>
<td>1.30&quot;</td>
</tr>
<tr>
<td>DMX MODULE</td>
<td>1.97&quot;</td>
<td>6.02&quot;</td>
<td>0.91&quot;</td>
</tr>
</tbody>
</table>

*Must be installed in UL box (by others)

DIMMING PERFORMANCE

ELECTRONIC DRIVER - DMX MODULE  Dims to 0.1% on most DMX systems

For more options to wire DMX module, reference DMX System cut sheet.
COMPATIBLE DRIVERS

**DIMMER WITH NEUTRAL**

- LUTRON HI-LUME® 1% 2-WIRE: 2-WIRE CONTROL FORWARD PHASE
- LTEA4U1UKL-CV240
- DESCRIPTION
- PART
- 5-40W, 120VAC, 2-WIRE FORWARD PHASE DRIVER
- DIMENSIONS
- HI-LUME® 1% 2-WIRE: H 4.00", W 4.89", D 2.62"
- DIMMING PERFORMANCE
- LUTRON HI-LUME® 1% 2-WIRE: Dims to 1% with compatible Lutron controls

**DIMMER WITHOUT NEUTRAL**

- LUTRON HI-LUME® 1% 2-WIRE: 2-WIRE CONTROL FORWARD PHASE
- LTEA4U1UKL-CV240
- DESCRIPTION
- PART
- 5-40W, 120VAC, 2-WIRE FORWARD PHASE DRIVER
- DIMENSIONS
- HI-LUME® 1% 2-WIRE: H 4.00", W 4.89", D 2.62"
- DIMMING PERFORMANCE
- LUTRON HI-LUME® 1% 2-WIRE: Dims to 1% with compatible Lutron controls
COMPATIBLE DRIVERS

**3-WIRE**

![3-WIRE Diagram]

**ECOSYSTEM**

![ECOSYSTEM Diagram]

**LUTRON HI-LUME® 1%**: 3-WIRE/ECOSYSTEM

<table>
<thead>
<tr>
<th>PART</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>L3DA4U1UKL-CV240</td>
<td>5-40W, 120-277VAC, 3-WIRE/ECOSYSTEM DRIVER</td>
</tr>
</tbody>
</table>

**DIMENSIONS**

| HI-LUME® 1%     | H 4.00"; W 4.89"; D 2.62"                        |

**DIMMING PERFORMANCE**

| LUTRON HI-LUME® 1% 3-WIRE/ECOSYSTEM | Dims to 1% with compatible Lutron controls |

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**LUTRON HI-LUME® PREMIER:**

**3-WIRE/ECOSYSTEM DRIVER**

<table>
<thead>
<tr>
<th>PART</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>L3DO-96W24V-U</td>
<td>2-96W, 120-277VAC, 3-WIRE/ECOSYSTEM DRIVER</td>
</tr>
</tbody>
</table>

**DIMENSIONS**

| HI-LUME® PREMIER | H: 5.5" W: 10.5" D: 2.0" |

**DIMMING PERFORMANCE**

LUTRON HI-LUME® PREMIER

Dims to 0.1% with compatible Lutron controls

*NOTE: Lutron soft-on, fade to black technology available with Ecosystem Digital Control only.*

**ECOSYSTEM**

**LUTRON HI-LUME® PREMIER DRIVER**

(WITH ECOSYSTEM CONTROL & SOFT-ON FADE TO BLACK TECHNOLOGY)

**PART**

| L1DO-96W24V-U | 2-96W, 120-277VAC, 3-WIRE/ECOSYSTEM DRIVER       |

**DIMENSIONS**

| HI-LUME® PREMIER | H: 5.5" W: 10.5" D: 2.0" |

**DIMMING PERFORMANCE**

LUTRON HI-LUME® PREMIER

Dims to 0.1% with compatible Lutron controls

*NOTE: Lutron soft-on, fade to black technology available with Ecosystem Digital Control only.*

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