Overview

- Aesthetically pleasing design with a dropped lens and no visible screws
- One piece extruded aluminum housing with integral driver
- Direct lighting only
- Continuous row mounting, standard
- Can be specified as a surface wall or a pendant
- Various patterns available - consult factory
- Standard color white, black. Custom wood, anodizing, RAL/Pantone #
# Kayla Surface Dropped Lens

## Ordering Format

**PART NUMBER:** KAY-SD

<table>
<thead>
<tr>
<th>Size</th>
<th>CCT Available</th>
<th>CRI Available</th>
<th>Optics</th>
<th>Mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 = 2 Feet</td>
<td>27 = 2700 Kelvins</td>
<td>80 = 80-85 CRI</td>
<td>FWD.5 = Frosted White Dropped 1/2 inch</td>
<td>SM = Surface Mount</td>
</tr>
<tr>
<td>3 = 3 Feet</td>
<td>30 = 3000 Kelvins</td>
<td>90 = 90-95 CRI</td>
<td>FWD2 = Frosted White Dropped 2 inch</td>
<td></td>
</tr>
<tr>
<td>4 = 4 Feet</td>
<td>35 = 3500 Kelvins</td>
<td></td>
<td>FWD3 = Frosted White Dropped 3 inch</td>
<td></td>
</tr>
<tr>
<td>6 = 6 Feet</td>
<td>40 = 4000 Kelvins</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8 = 8 Feet</td>
<td>CL = Custom Length, add in notes</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driver / Voltage</th>
<th>Fixture Finish</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>ND 1 = Non-Dim Universal 120VAC</td>
<td>W = Standard White</td>
<td>MR = MR-16 Socket LV Add detail in notes</td>
</tr>
<tr>
<td>ND 2 = Non-Dim Universal 277VAC</td>
<td>BK = Standard Black</td>
<td>CA = Custom Angle, add in notes</td>
</tr>
<tr>
<td>ZT 1 = 0-10v dimming 120v dual 1%</td>
<td>SVR = Standard Silver</td>
<td>PTW = Pull Through Wiring</td>
</tr>
<tr>
<td>ZT 2 = 0-10v dimming 277v dual 1%</td>
<td>RAL = Enter RAL or Pantone in notes</td>
<td>OS = Occupancy Sensor</td>
</tr>
<tr>
<td>LE1 = Lutron EcoSystem 1% DLC EE CCR / PWM SoftOnFadeToBlack</td>
<td>DW/LW = See Wood PN# enter in notes</td>
<td>EMD = Emergency Driver - Battery Backup 120-277VAC</td>
</tr>
<tr>
<td>LE5 = Lutron EcoSystem 5% DLC EE CCR</td>
<td>CC = Custom Control - add in notes</td>
<td></td>
</tr>
</tbody>
</table>

**NOTES**

**ORDER NUMBER:**

---

Picasso Lighting Industries, LLC | 46 Sellers Street, Kearny NJ 07032 | T 201.246.8188 F 201.246.8122
Construction & Mounting

HOUSING
Extruded aluminum housings are supplied in nominal lengths of 2 ft., 3 ft., 4 ft., 6 ft., and 8 ft. Fixtures may be continuously rowed (contact factory for details). Internal components are constructed from min. 20 gauge die-formed steel. Easy access to driver and LED boards. End caps are extruded aluminum. Custom sizes are available.

REFLECTOR
Integral powder-coated LED housing with excessive reflectivity for increased lumen output.

FINISH
Standard powder-coated colors are white, black and silver. Custom processed wood finishes, aluminum anodized finishes, chrome/gold plating and custom finishes are available as well. We also accept RAL and Pantone numbers for powder-coating color choices.

Optics
Extruded snap-in frosted acrylic lens formulated for LED light sources.

Mounting
Surface mounted fixtures have pre-drilled holes for ¼” threaded rod by others. Surface mounted fixtures have ½” knockout for power feed.
Kayla Surface Dropped Lens

Ø\(^{4}in\) HOLES PROVIDED. UNIT MUST BE ADEQUATELY SUPPORTED BY INSTALLING CONTRACTOR.

- 4 5/8"
- 1/2"
- 2 1/2"

24, 36 OR 48

1/2 DIA. FEED

1/4" DIA. MOUNTING POINTS

72, 96

CENTER LINE
Kayla Surface Dropped Lens

**Electrical / Driver**

- **Drivers** - Our drivers are specifically selected based on fixture application to ensure ultimate reliability and long life. We use only UL recognized brands of LED drivers. Our LED drivers feature HPF (high power factor), universal voltage 110 - 277 VAC and include 0-10V dimming. Please note, 277v has longer distances from power feed to power feed than 120v.
- If required, we can supply premium drivers such as Lutron, Eldoled and others upon request. Advanced control systems compliant drivers such as POE, DALI, DMX, etc. are also available, please consult factory.
- Rated life (90% survivorship) of 50,000 hours at 50º C max. ambient and (70º C max. case) temperature. At maximum driver load: Efficiency >84%, PF>0.9, THD 1%
- **POE** - We are working with Molex/Igor POE systems. We can add a POE driver into our fixtures or remote them. Based on the fixture you select, we will notify you or you can contact the factory to see if we can install the P-driver or the P-driver needs to be remote. Just add POE1 in the spec and we will advise. Please keep in mind you need to specify a complete POE control system before specifying POE1.

**LED Performance**

<table>
<thead>
<tr>
<th>LED Output</th>
<th>CCT Color Temp</th>
<th>Watts</th>
<th>Lumens</th>
<th>Lumens per Watt</th>
<th>CCT Multiplier</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low</td>
<td>3000</td>
<td>WPF</td>
<td>LPF</td>
<td>00</td>
<td>2700 = .95</td>
</tr>
<tr>
<td>Medium</td>
<td>3000</td>
<td>WPF</td>
<td>LPF</td>
<td>00</td>
<td>3000 = 1</td>
</tr>
<tr>
<td>High</td>
<td>3000</td>
<td>WPF</td>
<td>LPF</td>
<td>00</td>
<td>3500=1.01/4000=1.03</td>
</tr>
</tbody>
</table>

- The table above is a quick reference. When calculating loads make sure you add direct and indirect LPW to get total wattage. Please refer to photometric report for detailed information.
- Our light engines are precisely designed for optimal operation of LED assemblies.
- Our standard LED’s CCT (correlated color temperature) range is 2700K to 4000K. Other CCT values are available upon request.
- We log LED bin codes for each project we supply to ensure color consistency and keep a record of those projects for future reference.
- CRI offered is 80+, and 90+ Note: on 90+ CRI use .85 multiplier
- Tunable white, warm dim and other special LED colors available.

**Certifications & Warranties**

- Limited five-year (50,000 hours) warranty on all products.
- I.C. rated fixtures are available upon request.
- Change orders may effect delivery schedule.
- All fixtures are IBEW manufactured and assembled.
- Our LED drivers feature HPF (high power factor), universal voltage 110 - 277 VAC and include 0-10V dimming.
- Emergency drivers are factory installed as an option, long life, high temperature, recyclable Ni-Cad battery pack with test switch and charge indicator. EMR is minimum of 90 minutes operation to meet code.
- Whip - Six feet long, wiring RHOS/Reach Compliant, 18 gauge, 600v rated, Specify wired to the fixture as an OPTION.
- We design our own printed circuit boards to ensure high luminescence efficiency, low thermal resistance and long-term reliable operation.
- Light engines are easily replaced.
- We use only recognized brand LED’s with 3 SDCM (standard deviation color matching) with high color consistency. 2 SDCM available upon request.
- LRP - “LED Reel Program” – LED’s for printed circuit boards come on reels’ like old 8mm projectors and they’re sold in lots just like fabric. At Picasso Lighting, we have a program where we make sure all of your reels come from the same lot for each project. This ensures excellent color consistency in large open spaces.
- LED life is rated at 50,000 hours
- Custom Lumens Available
- UL and CUL listed for dry and damp locations.
- DLC® is a non-profit organization whose mission is to drive efficient lighting by defining quality, facilitating thought leadership, and delivering tools and resources to the lighting market through open dialogue and collaboration. We are currently getting our products listed with DLC. Products listed, will have DLC Logo.
- Chicago Plenum products are available upon request.
- Made in the U.S.A.

Note: Picasso lighting industries, LLC reserves the right to make any design changes which will not affect the overall appearance or performance of the product. All ceilings to be adequately reinforced by others. All fixtures to be wired by licensed electrician only. The information contained herein
<table>
<thead>
<tr>
<th>SURFACE</th>
<th>PROJECT</th>
<th>TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kayla Surface Dropped Lens</td>
<td>surface</td>
<td>project</td>
</tr>
</tbody>
</table>