Overview

- Aesthetically pleasing design with a flush lens and no visible screws
- One piece extruded aluminum housing with integral driver
- Direct lighting and Direct/Indirect lighting only
- Can also be specified as a surface wall and surface ceiling
- Various patterns available - consult factory
- Standard color white, black. Custom wood, anodizing, RAL/Pantone#
- The Kayla is wired to dim direct/indirect together unless you check 2c in the options section.
## Ordering Format

**PART NUMBER:** KAY-PF

<table>
<thead>
<tr>
<th>Size</th>
<th>Lumens Direct</th>
<th>Lumens Indirect</th>
<th>CCT Available</th>
<th>CRI Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Feet</td>
<td>D3 = 350 LPF</td>
<td>I3 = 350 LPF</td>
<td>27 = 2700 Kelvins</td>
<td>80 = 80-85 CRI</td>
</tr>
<tr>
<td>4 Feet</td>
<td>D5 = 500 LPF</td>
<td>I5 = 500 LPF</td>
<td>30 = 3000 Kelvins</td>
<td>90 = 90-95 CRI</td>
</tr>
<tr>
<td>5 Feet</td>
<td>D7 = 750 LPF</td>
<td>I7 = 750 LPF</td>
<td>35 = 3500 Kelvins</td>
<td></td>
</tr>
<tr>
<td>6 Feet</td>
<td></td>
<td>I10 = 1000 LPF</td>
<td>40 = 4000 Kelvins</td>
<td></td>
</tr>
<tr>
<td>8 Feet</td>
<td></td>
<td>NN = Not Needed</td>
<td>TW = Tunable White 2700-5000 Kelvins</td>
<td></td>
</tr>
<tr>
<td>10 Feet</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 Feet</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**CL = Custom Length, add in notes**

### Options

**FW = Frosted White**
**FW/MC = D- Frosted White/ I-Matte Clear**
**BW = Batwing uplight only**

**AC1R = Round 5in Canopy JBox - 5in Support**
**AC1S = Square 5in Canopy JBox - 5in Support**
**ACD1R = Round 5in Canopy JBox - 2in Support Slot Grid**
**ACD1S = Square 5in Canopy JBox - 2in Support Slot Grid**
**ACD2R = Round 5in Canopy JBox - 2in Support T Grid**
**ACD2S = Square 5in Canopy JBox - 2in Support T Grid**
**ACUR = Round 5in Canopy JBox - .5in Support Unistrut**
**ACUS = Square 5in Canopy JBox - .5in Support Unistrut**
**ACRR = Round 5in Canopy JBox - 2in Support 1/4 Rod**
**ACRS = Square 5in Canopy JBox - 2in Support 1/4 Rod**

**ND 1 = Non-Dim Universal 120VAC**
**ND 2 = Non-Dim Universal 277VAC**
**ZT 1 = 0-10v dimming 120v 1%**
**ZT 2 = 0-10v dimming 277v 1%**
**CC = Custom Control - add in notes**
**LE1 = Lutron EcoSystem 1% DLC EE CCR / PWM SoftOnFadeToBlack**
**LE5 = Lutron EcoSystem 5% DLC EE CCR**

**W = Standard White**
**BK = Standard Black**
**SVR = Standard Silver**
**RAL = Enter RAL # in notes section**
**PA = Plated Aluminum-enter plated finish in notes**
**CW = Custom Wood Finish - see wood PN # enter in notes.**
**AA = Anodized Aluminum-enter PN in notes section**

**CWPW = Canopy White/Power Cord White**
**CWBP = Canopy White/Power Cord Black**
**CBPB = Canopy Black/Power Cord Black**
**CBPW = Canopy Black/Power Cord White**

**Options**

- **2C = 2 circuit wiring for direct indirect**
- **IW = Inverter Wiring**
- **CA = Custom Angle, add in notes**
- **OS = Occupancy Sensor**
- **EMD = Emergency Driver - Battery Backup 120-277VAC**
Kayla Pendant Flush Lens

NOTES

ORDER NUMBER:
**Construction & Mounting**

**HOUSING**
Extruded aluminum housings are supplied in nominal lengths of 4 ft., 6 ft., 8 ft. and 12 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**
Direct component provided with an extruded snap-in frosted acrylic lens formulated for LED light sources. Indirect component LED strips are mounted in an extruded aluminum channel with an integral clear acrylic dust cover.

**MOUNTING**
Cable mounting with various size canopies and power feeds. If not selected in options, canopy color and cord will be white. Cable uses gripper style locking for field adjustments 48" standard. Canopy mounts to standard J-box. Can also be stem mounted. See options for more information.
Kayla Pendant Flush Lens

J-Box

J-Box & ¼" Rod

J-Box & T/Slot Grid

J-Box & Unistrut

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J-Box (by others)

Canopy

Aircraft Cable w/Gripper

LED/Indirect Reflector/Lens

LED Driver

LED/Direct Reflector/Lens

2 1/2"

DIRECT/INDIRECT

4 5/8"

DIRECT ONLY

25 1/4"

"L" LIT

12"

12"

"T" LIT

12"

16"

"X" LIT

16"

45° LIT

25 1/4"

"L" LIT

12"

12"

"T" LIT

12"

16"

"X" LIT

16"

45° LIT

Joining Details

OCC SENSOR

SUSPENSION

Bottom

Overall Length

Front

Susp/ Power

Quick-Connect

Fixture Length Supports

3' 2

4' 2

5' 2

6' 2

7' 2

8' 2

10' 2

12' 2

Kayla Pendant Flush Lens

LED drivers feature HPF (high power factor),
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 PF (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 then 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 50° C max. ambient (and 70° C max. case) temperature. At maximum driver load: Efficiency >84%, PF>0.9, THD

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>5.23  WPF Direct (4 WPF Indirect)</td>
<td>350 LPF</td>
<td>68</td>
<td>2700 = .95</td>
</tr>
<tr>
<td>Medium</td>
<td>3000</td>
<td>7.68  WPF Direct (5.8 WPF Indirect)</td>
<td>500 LPF</td>
<td>66 LPW</td>
<td>3000 = 1/3500=1.01/4000=1.03</td>
</tr>
<tr>
<td>High</td>
<td>3000</td>
<td>8.6   WPF Indirect only</td>
<td>750 LPF</td>
<td>82 LPW</td>
<td>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. Limited ten-year (100,000 hours) warranty on all Lutron drivers.
- I.C. rated fixtures are available upon request.
- Chicago Plenum and IC products are available upon request.
- Warranty does not cover damage caused by transport, damage caused by using the fixture in an area it is not UL rated for, damage caused by negligence, lack of maintenance, attempts to repair by unqualified or unauthorized personnel, by using non-original accessories/parts, fixtures installed in systems without power surge protection.
- 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.
- 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.
- 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.
- IBEW USA Union All fixtures are IBEW manufactured and assembled in the USA.
- We manufacture based on approved spec sheets and submittals signed by professionals responsible. Change orders must be in writing and will delay delivery.
- Picasso Lighting must receive in writing any thought to be defective products discovered, no later than 4 weeks from delivery to; toledo@picassoltg.com. Picasso Lighting will send a field technician to the site to evaluate the said defective product. We do accept field repair from licensed electrical contractors but not without a written agreement signed by Picasso Lighting official. Failure to adhere to all warranty and certifications will void any recompense and the warranty.

Note: Picasso lighting industries, LLC reserves the right to make any design changes which will not affect the overall appearance or performance of
## Kayla Pendant Flush Lens

**TYPE**  
**PROJECT**

the product. All ceilings to be adequately reinforced by others. All fixtures to be wired by licensed electrician only. The information contained herein is the sole property of Picasso Lighting Industries, LLC and may not be used without prior written consent of Picasso Lighting Industries, LLC. The "USGBC member logo" is a trademark owned by the U.S. Green building council and is used by permission. The logo signifies only that Picasso Lighting Industries, LLC is a USGBC member; USGBC does not review, certify, or endorse the products or services offered by its members.