Kayla Drop Lens Rectangle

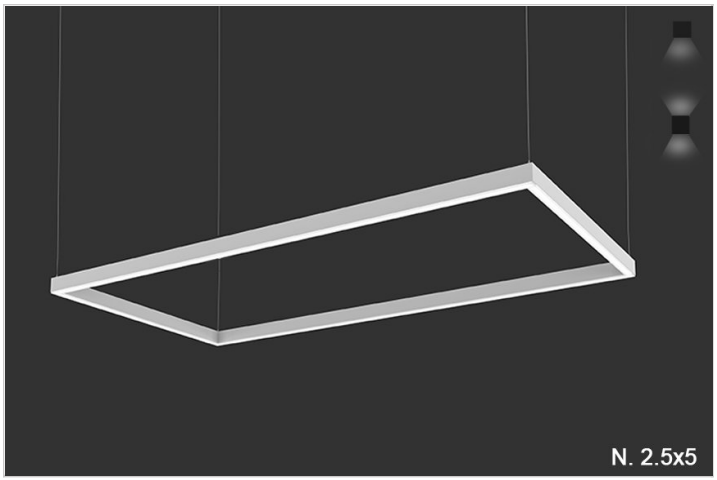
LINEAR PATTERNS

TYPE

PROJECT

Overview

- Aesthetically pleasing rectangle design with a dropped lens and no visible screws
- One piece extruded aluminum housing with integral driver
- Direct lighting and Direct/Indirect lighting only
- Can be specified as a surface wall of surface ceiling
- Standard color white, black. Custom wood, anodizing, RAL/Pantone#



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Ordering Format

PART NUMBER: KAYR-PD

Size	Lumens Direct	Lumens Indirect	CCT Available	CRI Available
34R = 3x4 Feet	**D3** = D3=350 Lumens	**I3** = I3=350 Lumens	**27** = 2700 Kelvins	**80** = 80-85 CRI
36R = 3x6 Feet	**D5** = D5= 500 Lumens	**I5** = I5= 500 Lumens	**30** = 3000 Kelvins	**90** = 90-95 CRI
46R = 4x6 Feet		**I7** = I7=750 Lumens	**35** = 3500 Kelvins	
48R = 4x8 Feet		**I10** = I10=1000 Lumens	**40** = 4000 Kelvins	
51R = 5x10 Feet		**NN** = Not Needed	**TW** = Tunable White 2700-5000 Kelvins	
CL = Custom Length, add in notes				

Direct Optics	Mounting	Driver / Voltage	Fixture Finish	Canopy/Power Cord Color
FWD.5 = Frosted White Dropped 1/2 inch	**AC1R** = Round 5in Canopy JBox - 5in Support	**ND 1** = Non-Dim Universal 120VAC	**W** = Standard White	**CWPW** = Canopy White/Power Cord White
FWD2 = Frosted White Dropped 2 inch	**AC1S** = Square 5in Canopy JBox - 5in Support	**ND 2** = Non-Dim Universal 277VAC	**BK** = Standard Black	**CWPB** = Canopy White/Power Cord Black
FWD3 = Frosted White Dropped 3 inch	**ACD1R** = Round 5in Canopy JBox - 2in Support Slot Grid	**ZT 1** = 0-10v dimming 120v duel 1%	**SVR** = Standard Silver	**CBPB** = Canopy Black/Power Cord Black
FWD.5/MC = D-Frosted White Dropped 1/2 inch/I-Matte Clear	**ACD1S** = Square 5in Canopy JBox - 2in Support Slot Grid	**ZT 2** = 0-10v dimming 277v dual 1%	**RAL** = Enter RAL # in notes section	**CBPW** = Canopy Black/Power Cord White
FWD2/MC = D-Frosted White Dropped 2 inch/I-Matte Clear	**ACD2R** = Round 5in Canopy JBox - 2in Support T Grid	**CC** = Custom Control - add in notes	**PA** = Plated Aluminum-enter plated finish in notes	
FWD3/MC = D-Frosted White Dropped 3 inch/I-Matte Clear	**ACD2S** = Square 5in Canopy JBox - 2in Support T Grid	**LE1** = Lutron EcoSystem 1% DLC EE CCR / PWM SoftOnFadeToBlack	**CW** = Custom Wood Finish - see wood PN # enter in notes.	
	ACUR = Round 5in Canopy JBox - .5in Support Unistrut		**AA** = Anodized Aluminum -enter PN in notes section	
	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			

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

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Construction & Mounting

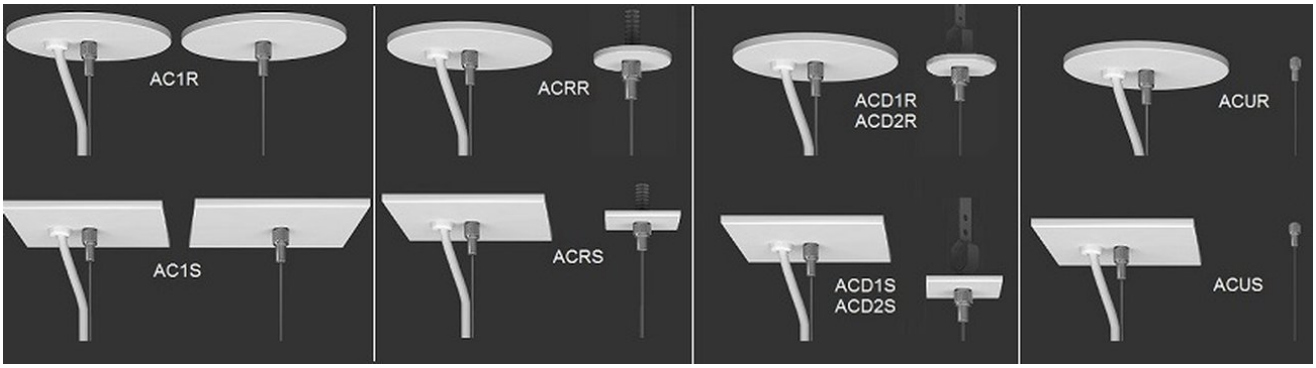
HOUSING
Extruded aluminum housings are supplied in nominal lengths of 4 ft., 6 ft., 8 ft. and 12 ft. Internal components are constructed from min. 20 gauge die-formed steel. Easy access to driver and LED boards. End caps are extruded aluminum. Custom sizes are available.

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. Canopy mounts to standard J-box. Can also be stem mounted. See options for more information.



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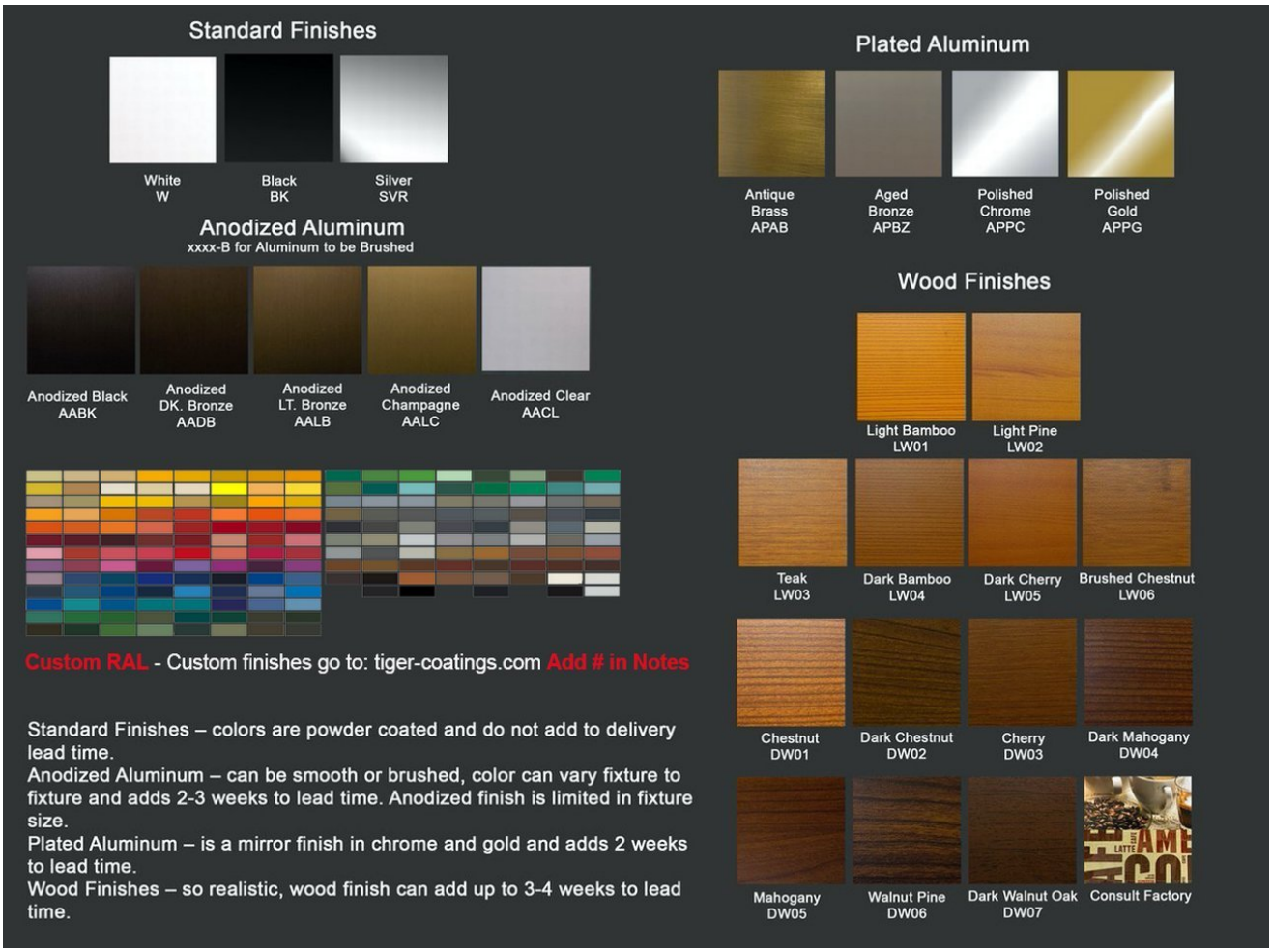

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Electrical / Driver

- 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 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 50º C max. ambient (and 70º C max. case) temperature. At maximum driver load: Efficiency >84%, PF>0.9, THD
- 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.

LED Perfomance

LED Output	CCT Color Temp	Watts	Lumens	Lumens per Watt	CCT Multiplier
Low	3000	xx WPF Direct (4 WPF Indirect)	350 LPF	00	2700 = .95
Medium	3000	xx WPF Direct (5.8 WPF Indirect)	500 LPF	00	3000 = 1
High	3000	xx WPF Direct (8.6 WPF Indirect)	750 LPF	00	3500=1.01/4000=1.03

- 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.
- 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

Certifications & Warranties

- Limited five-year (50,000 hours) warranty on all products. Limited ten-year (100,000 hours) warranty on all Lutron drivers.
- UL and CUL listed for dry and damp locations.
- 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.
- 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; ttoledo@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 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

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