Sienna 1.5 Micro Cavity Optic

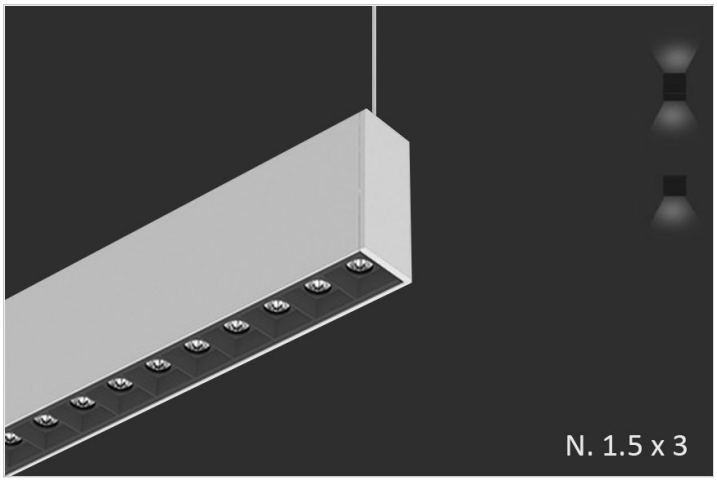
PENDANT LARGE

TYPE

PROJECT

Overview

- si·en·na noun: sienna; plural noun: siennas; noun: Raw sienna comes from iron ore or ferric oxide found naturally in clays. Unlike yellow ochres, which are generally opaque, siennas are more transparent. Sienna was one of the first pigments used for painting and can be found in prehistoric cave art.
- Sienna Series was designed for the minimalist when illuminating a space because of its small profiles.
- DESIGNER SELECTIONS
- Sienna Series has 4 profile sizes, nominally: one inch by one inch, two inches by two inches, two- and one-half inches by two- and one-half inches and one and a half inch by three inches.
- Sienna Series has options of downlight only in our two-and one-half inch profile with flush and dropped lenses, and uplight /downlight options in our one inch and one and a half inch profile with a multitude of lens/louver/baffle options.
- Sienna Series has multiple choices for canopies and colors, just scroll down for your choices.
- Sienna Series is available in almost any CCT available in the market, we've selected the most popular, but don't let that stop you from asking for something different.
- Sienna 1 and 1.5 MCO have URG under 16 and Sienna 1 LL have URG under 19 on x-axis.
- Sienna Series is available in direct flush/dropped lens with integral driver in the two- and one-half inch profile and direct/indirect with Sienna 1.5 integral driver and remote driver in the one-inch profile. We can also tune in our drivers to a specific lumen output if required.
- Sienna Series is always available for your project’s special customization needs, such as triangles, squares, rectangles, and others.
- Sienna Series qualifies as "Made in America", “American Made” and is part of our ECO sustainable end of life program.
- Sienna Series is also available as part of our EZ install/ ship program in our two- and one-half inch profile.
- For all: ies files, pictures, instructions, rfa files, and warranties...scroll to bottom.
- Please be advised that our Sienna Series is available in Pendant, Wall, Surface, Surface Grid and Recessed.



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Ordering Format

PART NUMBER: Sienna 1.5-PR MCO

Size	Lumens Direct	Lumens Indirect	CCT Available	CRI Available
2 = 2 Feet	**D3** = 350 LPF	**I3** = 350 LPF	**27** = 2700 Kelvins	**80** = 80-85 CRI
4 = 4 Feet	**D5** = 500 LPF	**I5** = 500 LPF	**30** = 3000 Kelvins	**90** = 90-95 CRI
6 = 6 Feet	**D7** = 750 LPF	**I7** = 750 LPF	**35** = 3500 Kelvins	
8 = 8Feet	**D10** = 1000 LPF	**I10** = 1000 LPF	**40** = 4000 Kelvins	
CL = Custom Length, add in notes		**NN** = Not Needed	**TW** = Tunable White 2700-5000 Kelvins	

Direct Optics	Indirect Optics	Optic Finish Shape	Mounting	Driver / Voltage
D25 = 25 Degree	**ILW** = Lambertian White Lens	**BKMR** = Black Micro Cavity Lens Round Direct Only	**AC1R** = Round 5in Canopy JBox - 5in Support	**ND 1** = Non-Dim Universal 120VAC
D35 = 35 Degree	**IBW120** = Batwing 120 Degree	**WHMR** = White Micro Cavity Lens Round Direct Only	**AC1S** = Square 5in Canopy JBox - 5in Support	**ND 2** = Non-Dim Universal 277VAC
D45 = 45 Degree	**IF150** = Flat 150 Degree	**BKMS** = Black Micro Cavity Lens Square Direct Only	**ACD1R** = Round 5in Canopy JBox - 2in Support Slot Grid	**ZT 1** = 0-10v dimming 120v 1%
	IA6040 = Asymmetric 60 Degree @40 Degree Angle	**WHMS** = White Micro Cavity Lens Square Direct Only	**ACD1S** = Square 5in Canopy JBox - 2in Support Slot Grid	**ZT 2** = 0-10v dimming 277v 1%
	IA4560 = Asymmetric 45 Degree @60 Degree Angle		**ACD2R** = Round 5in Canopy JBox - 2in Support T Grid	**LE1** = Lutron EcoSystem 1% DLC EE CCR / PWM SoftOnFadeToBlack
			ACD2S = Square 5in Canopy JBox - 2in Support T Grid	**CC** = Custom Controls -add in notes
			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	

Fixture Finish	Canopy/Power Cord Color	Options
W = Standard White	**PC** = Powered by Cable	**AWN** = Lutron Athena Wireless Node (RF only)
BK = Standard Black	**CWPW** = Canopy White/Power Cord White	**AWNS** = Lutron Athena Wireless Node (with Sensor)
SVR = Standard Silver	**CWPB** = Canopy White/Power Cord Black	**OS** = Occupancy Sensor
RAL = Enter RAL # in notes section	**CBPB** = Canopy Black/Power Cord Black	**EMD** = Emergency Driver - Battery Backup 120-277VAC
PA = Plated Aluminum-enter plated finish in notes	**CBPW** = Canopy Black/Power Cord White	
CW = Custom Wood Finish - see wood PN # enter in notes.		
SW = Special pattern submitted by designer		

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AA = Anodized Aluminum -enter PN in notes section		

NOTES

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Construction & Mounting

HOUSING
Extruded aluminum housings are supplied in nominal lengths of 2 ft- 8 ft. Fixtures may be continuously rowed (contact factory for details). Easy access to remote driver and LED boards. End caps are extruded aluminum.

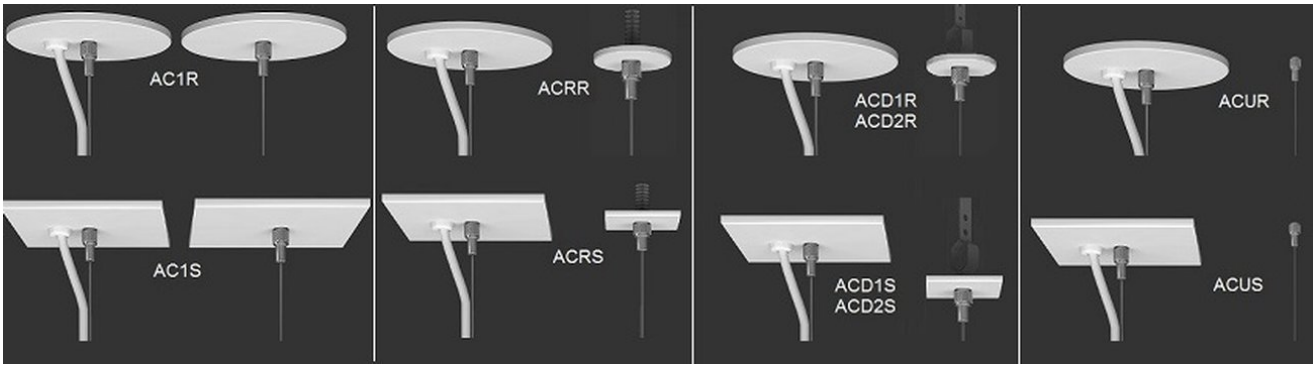
REFLECTOR
Integral powder-coated LED housing with excessive reflectivity for increased focused direct lumen output.

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. (except for louver, always black)

OPTICS
Extruded snap-in black microcavity optics formulated for LED light sources.

MOUNTING
Cable mounting supports and powers the Sienna 1 MCO because it's too small to fit a driver. Can also be powered via low gauge 2 wire with cable grippers. Various size canopies and different power supplies are available. The cable uses gripper-style locking for field adjustments. Canopy mounts to standard J-box and the standard cable lengths are 4 feet.

LABELING
UL Approved



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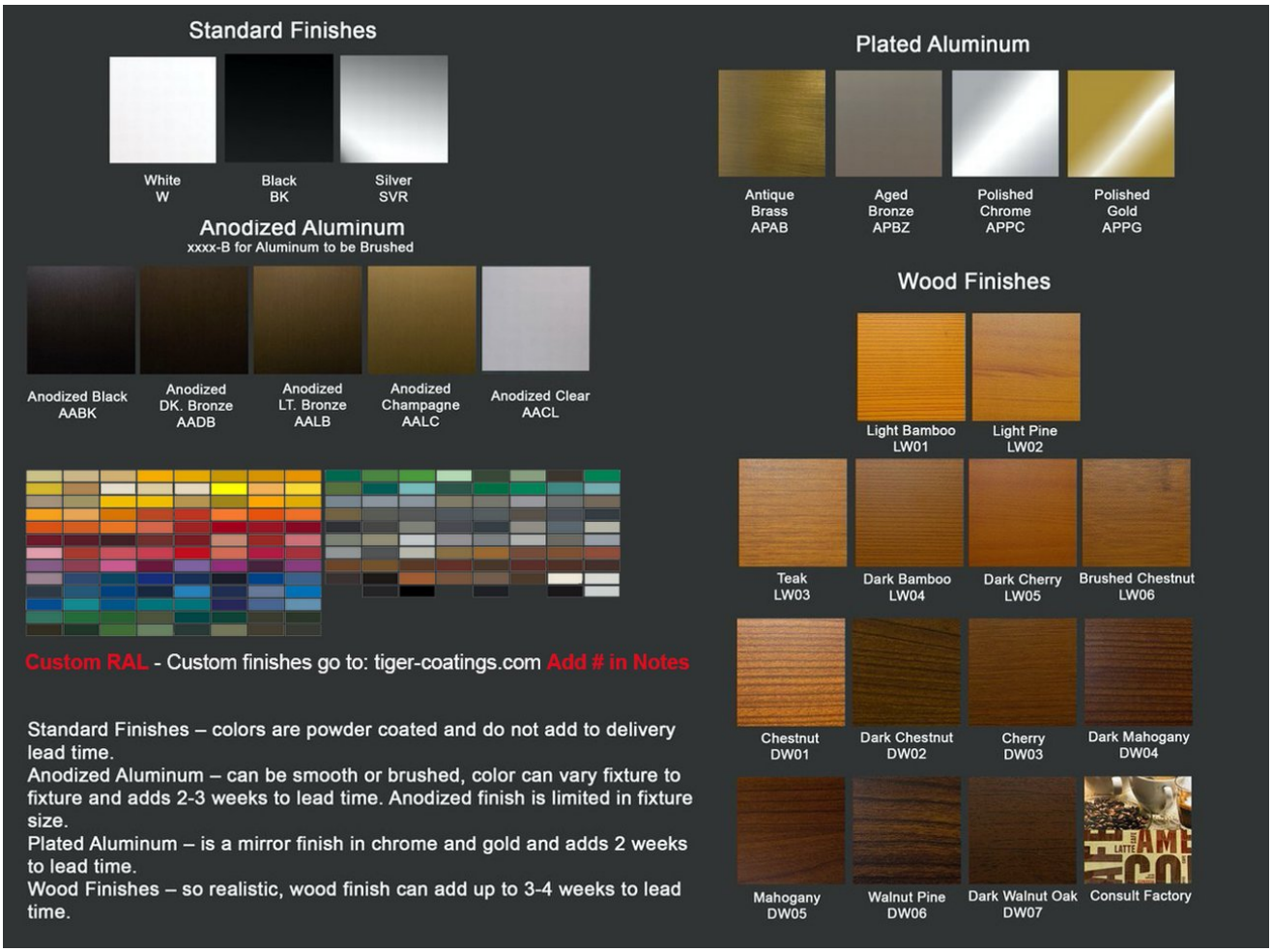

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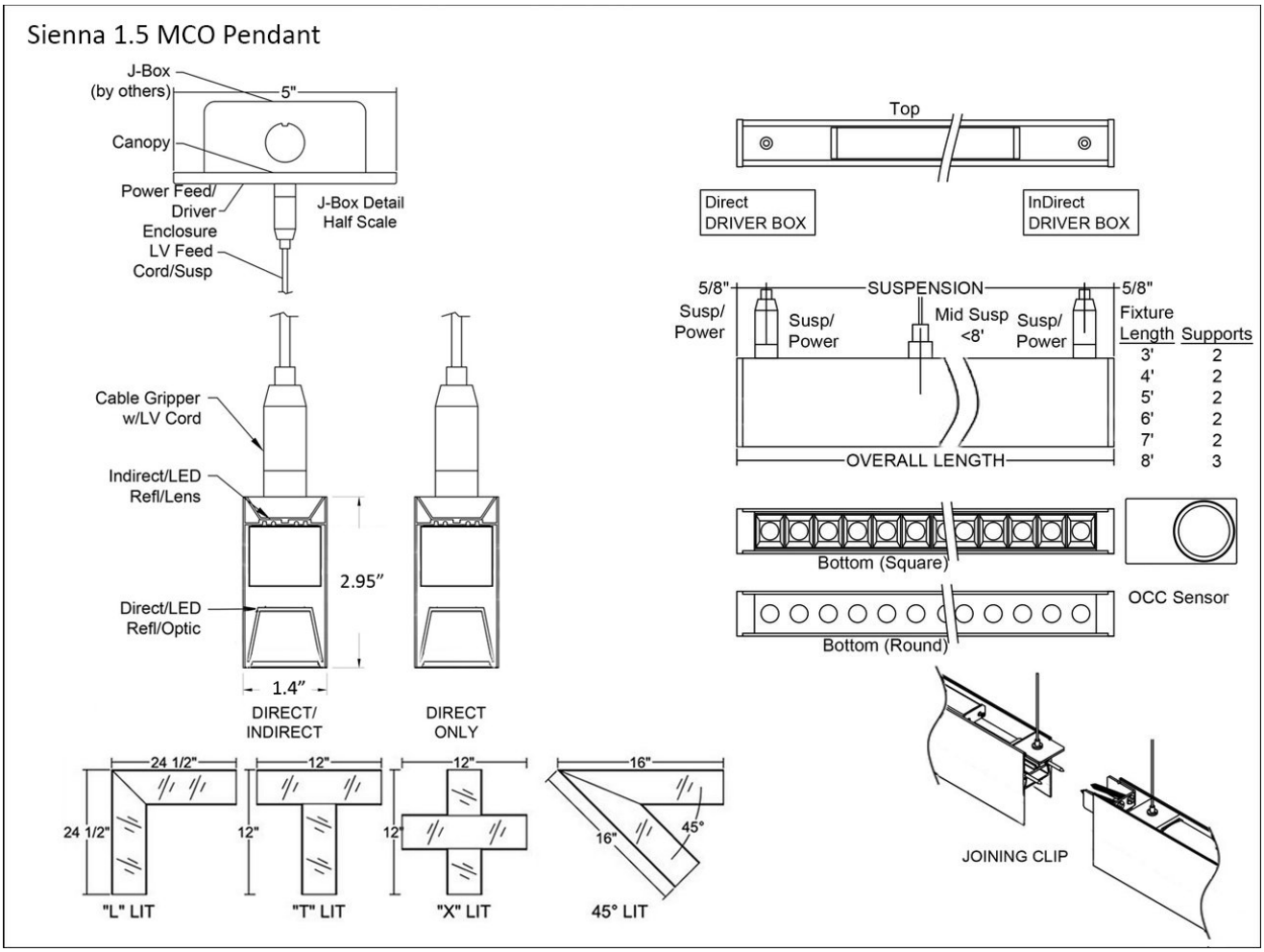

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Electrical / Driver

- 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 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
- 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 a minimum of 90 minutes of 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	3500k	3.9 WPF (Indirect 2.1 WPF)	350 LPF	D 88LPW / I 170 LPW	
Medium	3500k	5.8 WPF (Indirect 3WPF)	500 LPF	D 85 LPW / I 168 LPW	
High	3500k	9.1 WPF (Indirect 4.6 WPF)	750 LPF	D 82LPW / I 164 LPW	
Very High	3500k	12.8 WPF (Indirect 6.3 WPF)	1000 LPF	D 78LPW / I 159 LPW	

- 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 the 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.
- Custom Lumens 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.
- If you require a special LED manufacturer, please contact us. LED chip manufacturers used by Picasso are primarily (but not limited to) Nichia, Cree and Samsung.
- 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

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.
- 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.

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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 '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.