

Sienna 1.5 Louver Lens

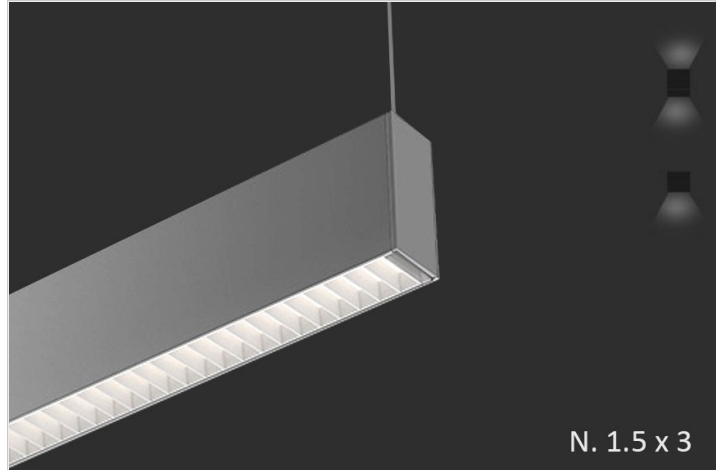
PENDANT LARGE

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: SIE 1.5-PF LL

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 = 8 Feet	D10 = 1000 LPF	I10 = 1000 LPF	40 = 4000 Kelvins	
CL = Custom Length, add in notes	D10 MCO = 1000 LPF MCO	NN = Not Needed	TW = Tunable White 2700-5000 Kelvins	
Direct Optics	Indirect Optics	Optic Finish Shape	Mounting	Driver / Voltage
DLW = Lambertian White Lens DBW60 = Batwing 60 Degree DA5025 = Asymmetric 50 Degree @25 Degree Angle DA405 = Asymmetric 40 Degree @5 Degree Angle D55 = 55 Degree D40 = 40 Degree	ILW = Lambertian White Lens IBW120 = Batwing 120 Degree IF150 = Flat 150 Degree IA6040 = Asymmetric 60 Degree @40 Degree Angle IA4560 = Asymmetric 45 Degree @60 Degree Angle	NL = No Louver BKL = Standard Black Louver Direct Only WHL = Standard White Louver Direct 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% LE1 = Lutron EcoSystem 1% DLC EE CCR / PWM SoftOnFadeToBlack CC = Custom Controls -add in notes
Fixture Finish	Canopy/Power Cord Color	Options		
W = Standard White BK = Standard Black SVR = Standard Silver RAL = Enter RAL # in notes section CW = Custom Wood Finish - see wood PN # enter in notes. PA = Plated Aluminum-enter plated finish in notes AA = Anodized Aluminum -enter PN in notes section	PC = Powered by Cable CWPW = Canopy White/Power Cord White CWPB = Canopy White/Power Cord Black CBPB = Canopy Black/Power Cord Black CBPW = Canopy Black/Power Cord White	AWN = Lutron Athena Wireless Node (RF only) AWNS = Lutron Athena Wireless Node (with Sensor) OS = Occupancy Sensor EMD = Emergency Driver - Battery Backup 120-277VAC		

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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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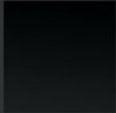
TYPE

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Standard Finishes



White
W



Black
BK



Silver
SVR

Anodized Aluminum

xxxx-B for Aluminum to be Brushed



Anodized Black
AABK



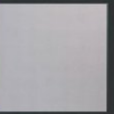
Anodized
DK. Bronze
AADB



Anodized
LT. Bronze
AALB



Anodized
Champagne
AALC



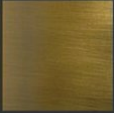
Anodized Clear
AACL



Custom RAL - Custom finishes go to: tiger-coatings.com **Add # in Notes**

Standard Finishes – colors are powder coated and do not add to delivery lead time.
 Anodized Aluminum – can be smooth or brushed, color can vary fixture to fixture and adds 2-3 weeks to lead time. Anodized finish is limited in fixture size.
 Plated Aluminum – is a mirror finish in chrome and gold and adds 2 weeks to lead time.
 Wood Finishes – so realistic, wood finish can add up to 3-4 weeks to lead time.

Plated Aluminum



Antique
Brass
APAB



Aged
Bronze
APBZ



Polished
Chrome
APPC



Polished
Gold
APPG

Wood Finishes



Light Bamboo
LW01



Light Pine
LW02



Teak
LW03



Dark Bamboo
LW04



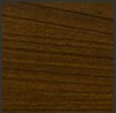
Dark Cherry
LW05



Brushed Chestnut
LW06



Chestnut
DW01



Dark Chestnut
DW02



Cherry
DW03



Dark Mahogany
DW04



Mahogany
DW05



Walnut Pine
DW06



Dark Walnut Oak
DW07



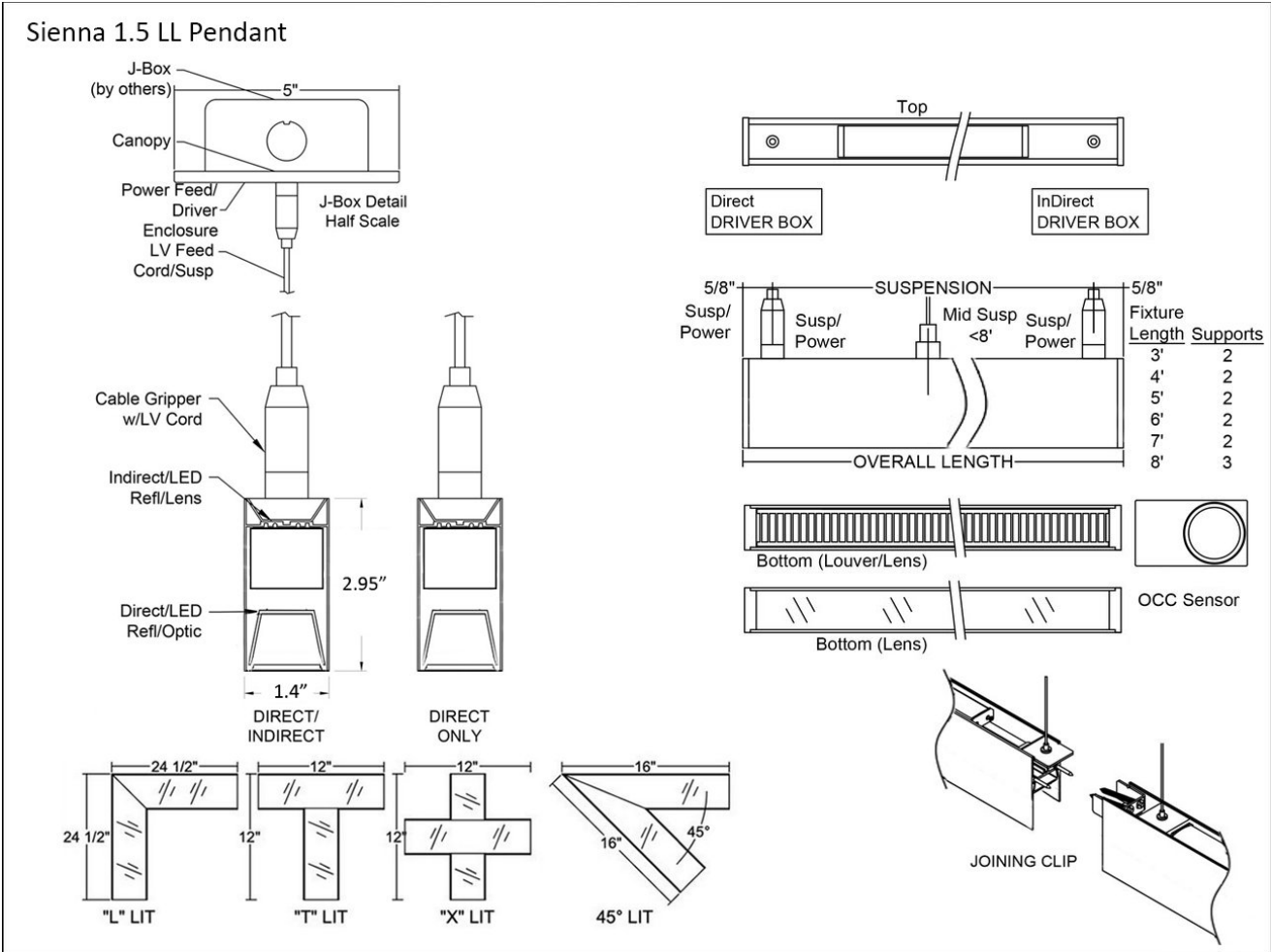
Consult Factory

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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 50° C max. ambient (and 70° 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 Performance

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 MCO	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.