Sienna 1 Micro Cavity Lens
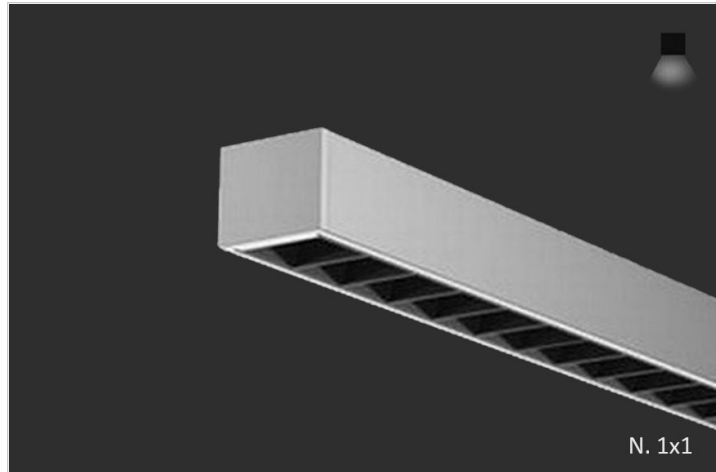**SURFACE**

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.

N. 1x1

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Ordering Format

PART NUMBER: SIE1-SR-MCO

Size	Lumens Direct	CCT Available	CRI Available	Direct Optics
2 = 2 Feet	**D3** = 350 LPF	**27** = 2700 Kelvins	**80** = 80-85 CRI	**MCOQ25** = Micro Cavity Optic 25 Degree Beam
4 = 4 Feet	**D5** = 500 LPF	**30** = 3000 Kelvins	**90** = 90-95 CRI	**MCOQ35** = Micro Cavity Optic 35 Degree Beam
6 = 6 Feet	**D7** = 750 LPF	**35** = 3500 Kelvins		**MCOQ45** = Micro Cavity Optic 45 Degree Beam
8 = 8 Feet	**D10** = 1000 LPF	**40** = 4000 Kelvins		
		TW = Tunable White 2700-5000 Kelvins		

Optic Finish Shape	Mounting	Driver / Voltage	Fixture Finish	Options
BKMR = Black Micro Cavity Lens Round Direct Only	**SM** = Surface Mount Clips Gyp	**RND 1** = Remote Non-Dim Universal 120VAC	**W** = Standard White	**AWN** = Lutron Athena Wireless Node (RF only)
WHMR = White Micro Cavity Lens Round Direct Only	**SS** = Slot Clip	**RND 2** = Remote Non-Dim Universal 277VAC	**B** = Standard Black	**AWNS** = Lutron Athena Wireless Node (with Sensor)
BKMS = Black Micro Cavity Lens Square Direct Only	**ST1** = Flat T-Bar Clip 9/16	**RZT 1** = Remote 0-10v dimming 120v dual 1%	**SVR** = Standard Silver	**OS** = Occupancy Sensor
WHMS = White Micro Cavity Lens Square Direct Only	**ST2** = Flat T-Bar Clip 15/16	**RZT 2** = Remote 0-10v dimming 277v dual 1%	**RAL** = Enter RAL # in notes section	**REMD** = Remote Emergency Driver - Battery Backup 120-277VAC
	SMA = 3 inch Adj. elbow for floor or shelf mtg.	**RLE1** = Remote Lutron EcoSystem 1% DLC EE CCR / PWM SoftOnFadeToBlack	**PA** = Plated Aluminum-enter plated finish in notes	
		RCC = Remote Custom Control - add in notes	**CW** = Standard Wood Finish - see wood PN # enter in notes.	
			SW = Special pattern submitted by designer	
			AA = Anodized Aluminum -enter PN in notes section	

NOTES

ORDER NUMBER:

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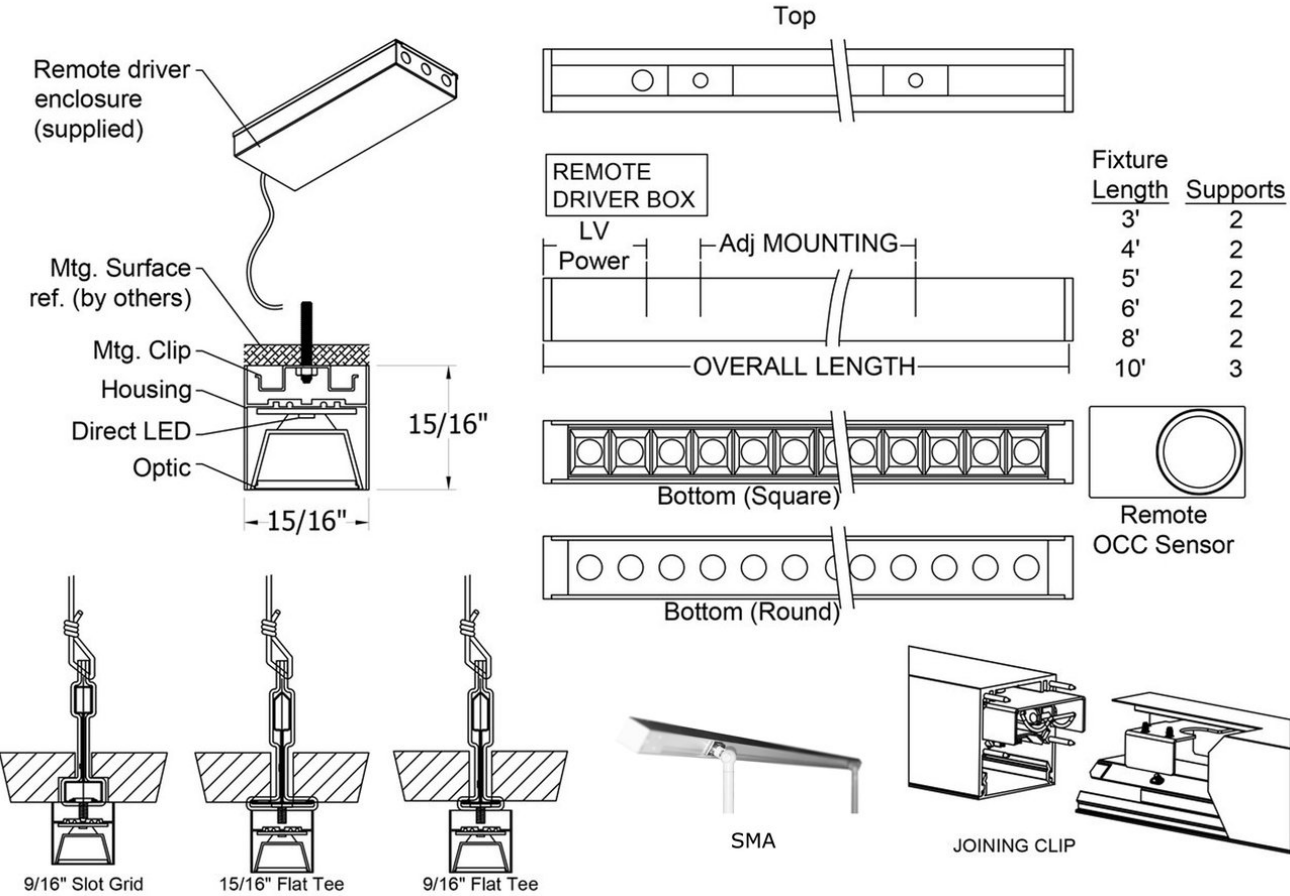
FINISH
Standard powder-coated colors are white, black, and silver. Custom processed wood finishes, aluminum anodized finishes, chrome/gold plating, and custom finishes are available as well. We also accept RAL and Pantone numbers for powder-coating color choices. (except for louver, always black)

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

MOUNTING
Surface mounted has remote driver with the Sienna 1 MCO because it's too small to fit a driver.The cable uses gripper-style locking for field adjustments. Mounting clips supplied for surface mount.

LABELING
UL Approved

Sienna 1-MCO Surface

Fixture Length	Supports
3'	2
4'	2
5'	2
6'	2
8'	2
10'	3

Standard Finishes

White W	Black B	Silver SVR

Plated Aluminum - Premium Finishes

Antique Brass PAAB	Polished Chrome PAPC	Polished Gold PAPG

Anodized Aluminum - Premium Finishes
xxxx-B for Aluminum to be Brushed

Anodized Black AABK	Anodized DK. Bronze AADB	Anodized LT. Bronze AALB	Anodized Champagne AALC	Anodized Clear AACL

Wood - Premium Finishes

LW01	LW02	LW03	LW04	LW07
LW08	DW02	DW07	DW08	DW09
DW10	DW11	DW12	Consult Factory	

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 4-5 weeks to lead time. Anodized finish is limited in fixture size.
Plated Aluminum - is a mirror finish in chrome and gold and adds 4-5 weeks to lead time.
Woods Finishes - so realistic, wood finish can add up to 4-5 weeks to lead time.

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TYPE

PROJECT

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.

- Remote emergency drivers are an option, long life, high temperature, recyclable Ni-Cad battery pack with test switch and charge indicator. EMR is a 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	3500k	3.9 WPF	350 LPF	D 88LPW	2700 = .95
Medium	3500k	5.8 WPF	500 LPF	D 85 LPW	3000=.98
High	3500k	9.1 WPF	750 LPF	D 82LPW	3500=1
Very High	3500k	12.8 WPF	1000 LPF	D 78LPW	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.

- 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 limited warranty on all products that are installed according to the product's specifications. Fixture must be properly installed by qualified licensed electricians, who meet and understand local installation requirements. Proper ambient conditions are to be met. The normal indoor temperatures of 50-90 degrees F, no more than 95% RH and sufficient air flow are required. Fixture should not be modified, and no maintenance or repairs should be performed without the written authorization from Picasso Lighting.

- We manufacture based on approved spec sheets and submittals signed by the customers. Change orders must be in writing and will delay delivery.

- Picasso Lighting reserves the right to repair or replace a defective product with another product with a similar design and the same or better performance, or to refund the distributor for the purchase price. The costs of labor to replace luminaires are not covered.

- Warranty does not cover damage caused by transportation, 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.

- Picasso Lighting must receive in writing any complaints regarding the defective products, no later than 3 weeks from delivery addressed to: ttoledo@picassoltg.com. Picasso Lighting will send a field technician to the site to evaluate the said defective product or may require product to be sent back to the factory for repair. The customer is responsible for the costs of disassembly and reassembly. We do accept field repairs and replacement labor 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.

- IBEW USA Union All fixtures are IBEW manufactured

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and assembled in the USA. UL listed for dry and damp locations.