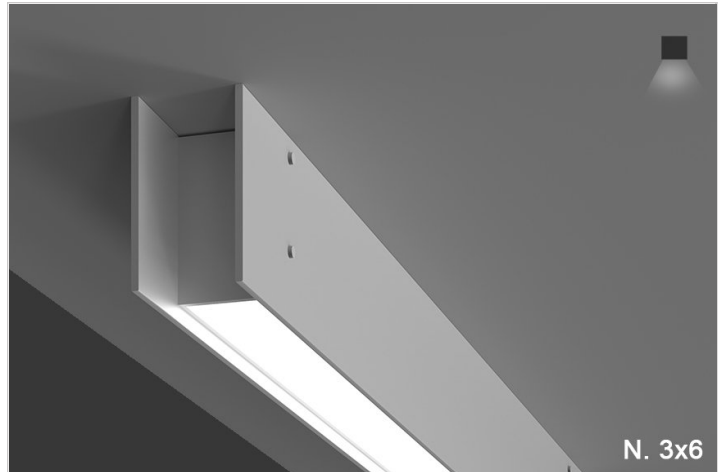


Overview

- in-dus-tri-al /in'destreal/ adjective; relating to or characterized by industry.
- Truss/tres/ noun; a framework, typically consisting of rafters, posts, and struts, supporting a roof, bridge, or other structure.
- Truss Series was designed to recreate an industrial looking truss.
- DESIGNER SELECTIONS
 - Truss Series has 2 profile sizes , Standard is three and one quarter width and six inches in height. Mini truss is three and one quarter inches in width and four and three quarters inches in height.
 - Truss Series has 2 options for LED sources: They are, linear, slightly regressed lens , and downlight version.
 - Truss Series has multiple choices for canopies and colors, just scroll down for your choices.
 - Truss 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.
 - Truss Series is available in direct only and direct/indirect for both liners lens and downlight in standard and mini. We can also tune in our drivers to specific lumen output if required.
 - Truss Series is always available for your projects special customization needs, just contact your local agent.
 - Truss Series qualifies as "Made in America" and is part of our ECO sustainable end of life program.
 - For all: ies files, pictures, instructions, rfa files, and warranties...scroll to bottom.
 - Please be advised that our Truss Series is available in Surface, Pendant and Wall.



Truss Regress Lens

SURFACE

TYPE
PROJECT

Ordering Format

PART NUMBER: TRU-SR

Size	Lumens Direct	CCT Available	CRI Available	Direct Optics
4 = 4 Feet	D3 = 350 LPF	27 = 2700 Kelvins	80 = 80-85 CRI	OW = Opal White
6 = 6 Feet	D5 = 500 LPF	30 = 3000 Kelvins	90 = 90-95 CRI	
8 = 8 Feet	D7 = 750 LPF	35 = 3500 Kelvins		
12 = 12 Feet	D10 = 1000 LPF	40 = 4000 Kelvins		
CL = Custom Length, add in notes		TW = Tunable White 2700-5000 Kelvins		
Mounting	Driver / Voltage	Fixture Finish	Options	
SM = Surface Mount	ND 1 = Non-Dim Universal 120VAC	W = Standard White	AWN = Lutron Athena Wireless Node (RF only)	
	ND 2 = Non-Dim Universal 277VAC	BK = Standard Black	AWNS = Lutron Athena Wireless Node (with Sensor)	
	ZT 1 = 0-10v dimming 120v dual 1%	SVR = Standard Silver	MR = MR-16 Socket LV Add detail in notes	
	LE1 = Lutron EcoSystem 1% DLC EE CCR / PWM SoftOnFadeToBlack	RAL = Enter RAL or Pantone in notes	CA = Custom Angle, add in notes	
	ZT 2 = 0-10v dimming 277v dual 1%	CW = Standard Wood Finish - see wood PN # enter in notes.	PTW = Pull Through Wiring	
	CC = Custom Control - add in notes		OS = Occupancy Sensor	
			EMD = Emergency Driver - Battery Backup 120-277VAC	

NOTES

ORDER NUMBER:

Construction & Mounting

HOUSING

Side panels and end details are ¼" x 6" thick extruded aluminum and are supplied in nominal lengths of 4 ft., 6 ft., 8 ft. and 12 ft. Side panels are secured with decorative thumb screws. Side panels do not need to be removed during installation or for maintenance. 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. 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 a soft white acrylic lens formulated for LED light sources. Lens lifts out for maintenance.

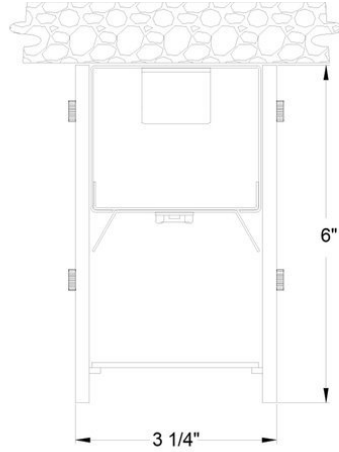
MOUNTING

Surface mounted fixtures have pre-drilled holes for ¼" threaded rod by others. Surface mounted fixtures have ½" knockout for power feed.

Truss Regress Lens

SURFACE

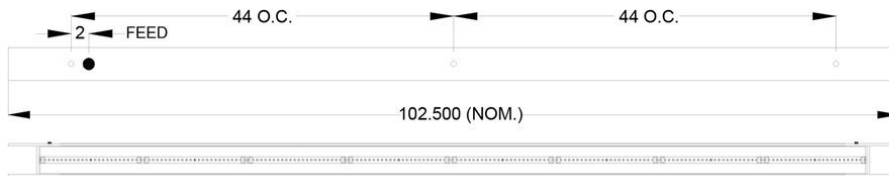
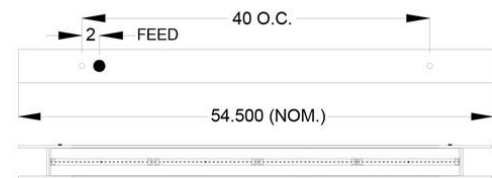
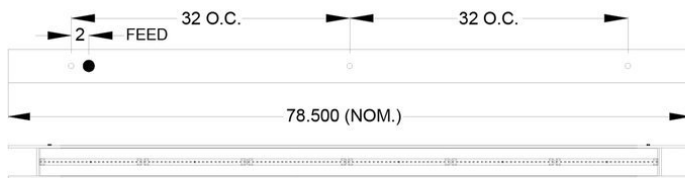
TYPE
PROJECT



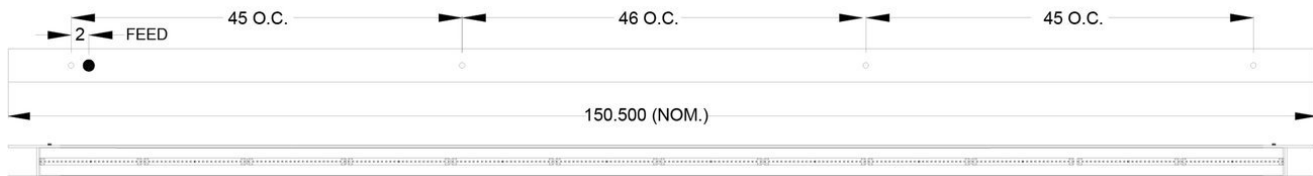
FIXTURES MAY BE CONTINUOUSLY
ROWED. PLEASE CONSULT FACTORY
PRIOR TO ORDERING.

LEGEND

- 5" ¹⁶ Mounting Hole
- 3" ⁴ Feed Access



LENS OMITTED TO SHOW
DIRECT LED CONFIGURATION



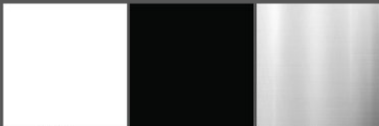
Truss Regress Lens

SURFACE

TYPE

PROJECT

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

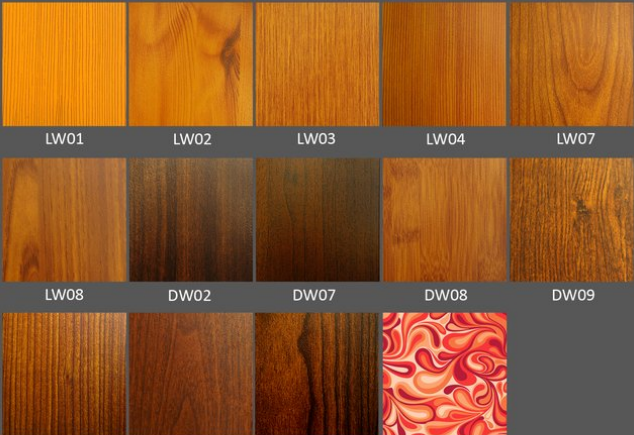
Anodized DK. Bronze
AADB

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 8 to 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.

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, Eldoed 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
- 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.
- 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.
- Whip - Six feet long, wiring RHOS/Reach Compliant, 18 gauge, 600v rated, Specify wired to the fixture as an OPTION.

LED Performance

LED Output	CCT Color Temp	Watts	Lumens	Lumens per Watt	CCT Multiplier
Low	3000	4.3 WPF	350 LPF	82 LPW	2700 = .95
Medium	3000	6.25 WPF	500 LPF	81 LPW	3000 = 1.00
High	3000	9.43 WPF	750 LPF	80 LPW	3500 = 1.01
Very High	3000	12.7 WPF	1000 LPF	79 LPW	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

Truss Regress Lens

SURFACE

TYPE

PROJECT

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



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.