

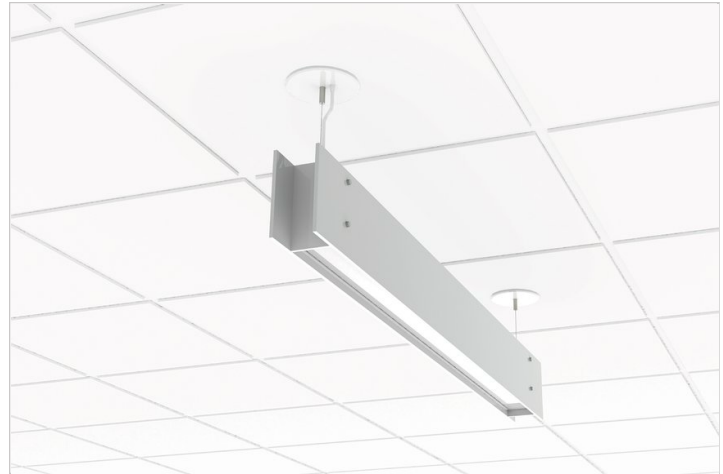
# Truss Pendant

PENDANT

TYPE  
PROJECT

## Overview

- Realistic steel truss in aluminum
- Direct, Indirect or Direct/Indirect light distribution
- Two piece extruded aluminum housing with integral driver
- Continuous row mounting, standard
- Can also be specified as surface ceiling or surface wall
- Various patterns available - consult factory
- Standard color white, black, custom wood, anodizing, RAL/Pantone #



## Ordering Format

PART NUMBER: TRU-P

Size	Lumens Direct	Lumens Indirect	CCT Available	CRI Available
4 = 4 Feet	D3 = 350 LPF	I3 = 300 LPF	27 = 2700 Kelvins	80 = 80-85 CRI
6 = 6 Feet	D5 = 500 LPF	I5 = 500 LPF	30 = 3000 Kelvins	90 = 90-95 CRI
8 = 8 Feet	D7 = 750 LPF	I7 = 750 LPF	35 = 3500 Kelvins	
10 = 10 Feet	D10 = 1000 LPF	I10 = 1000 LPF	40 = 4000 Kelvins	
12 = 12 Feet		NN = Not Needed	TW = Tunable White 2700-5000 Kelvins	
CL = Custom Length, add in notes				
Optics	Mounting	Driver / Voltage	Color	Options
OW = Opal White MC = Matte Clear OW/MC = D-Opal White / I-Matte Clear	AC1 = 5' Cable, Canopy PF 5in + Sup 5in AC2 = 5' Cable, Canopy PF 5in + Sup 2in AC3 = 5' Cable, Canopy PF 5in + Sup 1/4in ACC = Custom Length, add in notes ST2 = 2' Stem, Canopy PF 5in + Sup 5in ST3 = 3' Stem, Canopy PF 5in + Sup 5in ST4 = 4' Stem, Canopy PF 5in + Sup 5in STC = Custom Length, add in notes	ND = Non-Dim Universal 120-277VAC ZT = 0-10v Dimming Universal 120-277VAC CC = Custom Control - add in notes	W = Standard White BK = Standard Black SVR = Standard Silver RAL = Enter RAL or Pantone in notes DW/LW = See Wood PN# enter in notes	MR = MR-16 Socket LV Add detail in notes CA = Custom Angle, add in notes PTW = Pull Through Wiring OS = Occupancy Sensor EMD = Emergency Driver - Battery Backup 120-277VAC

## NOTES

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## Construction & Mounting

### HOUSING

Side panels and end details are 1/4" 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 housings with excessive reflectivity for increased lumen output is built into our luminaires

### FINISH

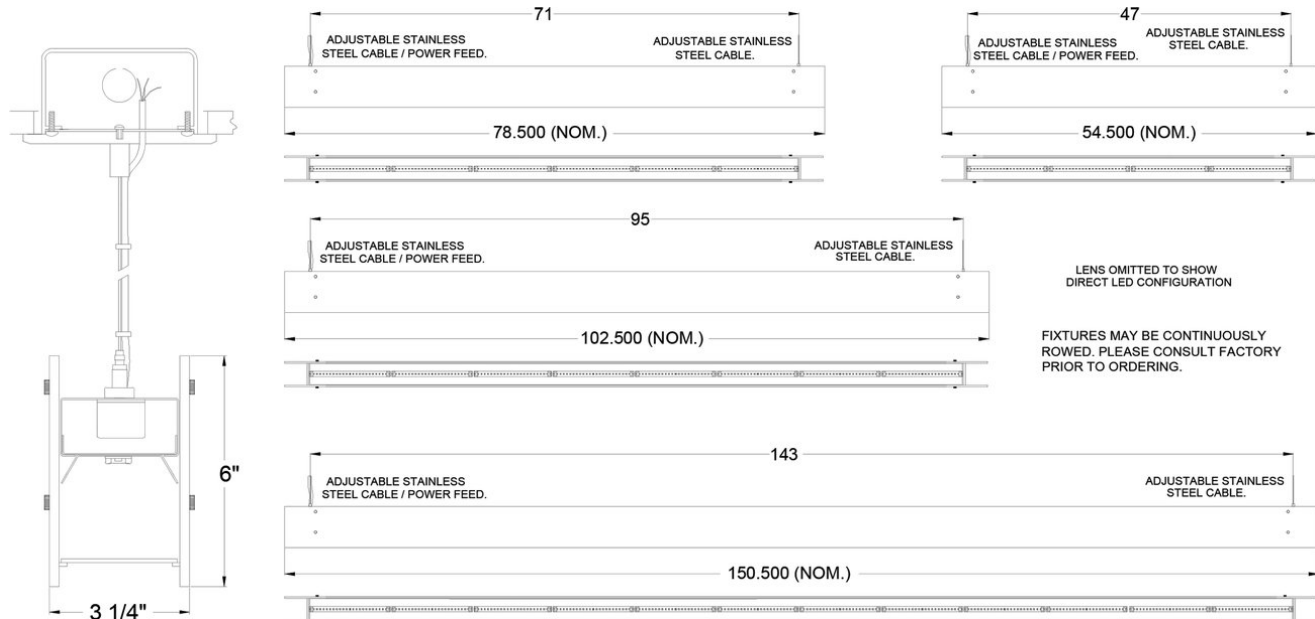
Standard powder-coated colors are white and black. Custom processed wood finishes and aluminum anodized finishes are available as well, see finishes chart. We will also accept RAL and Pantone numbers for powder-coating color choices.

### OPTICS

Direct component provided with a soft white acrylic lens formulated for LED light sources. Lens lifts out for maintenance. Indirect LED strips are mounted in an extruded aluminum channel with an integral clear acrylic dust cover.

### MOUNTING

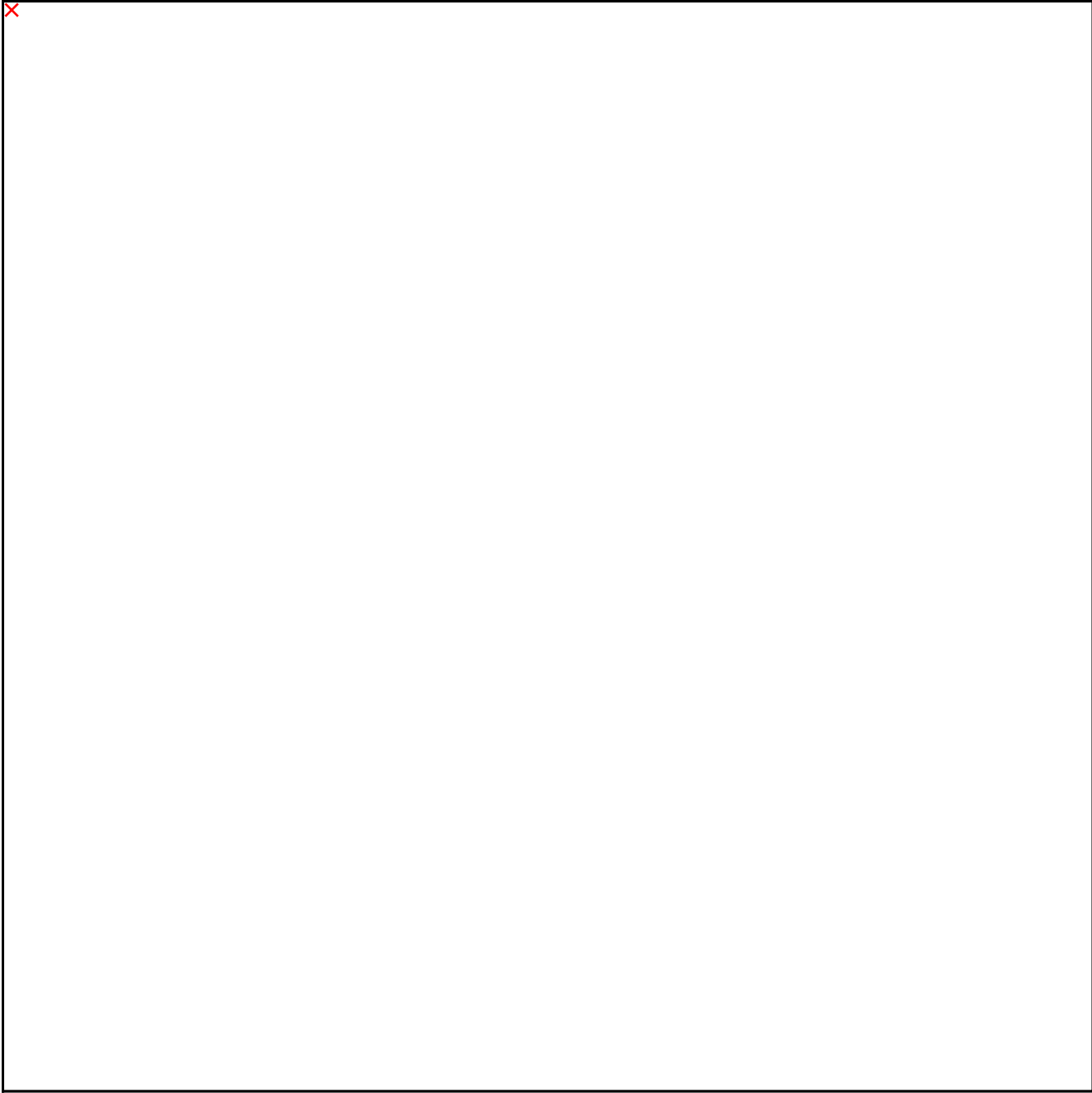
Cable mounting with various size canopies and power feeds. Cable uses gripper style locking for field adjustments. Canopy mounts to standard J-box. Can also be stem mounted. See accessories for more information.



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## Electrical / Driver

- 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.
- 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.
- 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, 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.

## LED Performance

LED Output	CCT Color Temp	Watts	Lumens	Lumens per Watt	CCT Multiplier
Low	3000	4.3 WPF Direct (3.4 WPF Indirect)	350 LPF	82	2700=.95
Medium	3000	6.25 WPF Direct (4.8 WPF Indirect)	500 LPF	81	3000=1.00
High	3000	9.43 WPF Direct (7.3 WPF Indirect)	750 LPF	80	3500= 1.01
Very High	3000	12.7 WPF Direct (9.7 WPF Indirect)	1000 LPF	79	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.
- We can produce I.C. rated fixtures upon request.
- We are IBEW manufactured and assembled
- UL and CUL listed for dry and damp locations.
- Chicago Plenum products are available upon request.
- Made in the U.S.A.



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.