

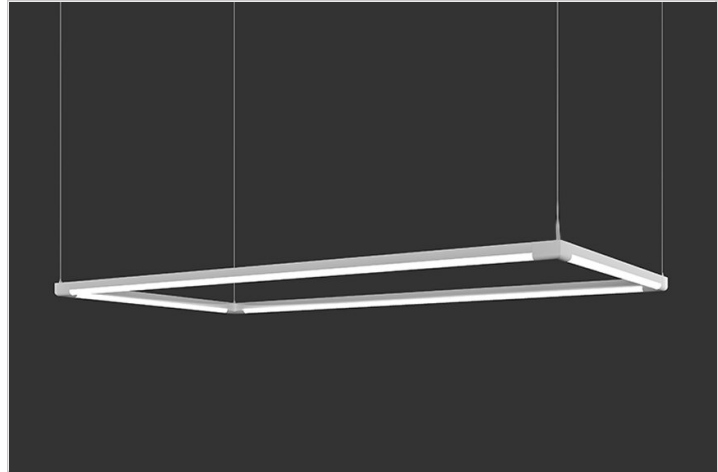
Nicole Rectangle

NEW SHAPES-MAR 2020

TYPE
PROJECT

Overview

- Aesthetically pleasing round design with a tool-less snap on gear tray and a snap on frosted acrylic lens. End caps, milled for eliminating light leaks, can be magnetic or with screws.
- One piece extruded aluminum housing with integral driver
- Direct lighting only
- Continuous row mounting, standard
- Can 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: 14

Size	Lumens Direct	CCT Available	CRI Available	Optics
3 = 3 Feet	D3 = 350 LPF	27 = 2700 Kelvins	80 = 80-85 CRI	FR = Frosted White
4 = 4 Feet	D5 = 500 LPF	30 = 3000 Kelvins	90 = 90-95 CRI	
6 = 6 Feet	D7 = 750 LPF	35 = 3500 Kelvins		
8 = 8 Feet	D10 = 1000 LPF	40 = 4000 Kelvins		
CL = Custom Length, add in notes		TW = Tunable White 2700-5000 Kelvins		
Mounting	Driver / Voltage	Fixture Finish	Canopy/Power Cord Finish	Options
AC1 = 4' Cable 5in/5in J-Box	ND 1 = Non-Dim Universal 120VAC	W = Standard White	CWPW = Canopy White/Power Cord White	CA = Custom L's,X's,T's , add in notes Lighted L's, X's, T,s or Non Lighted L's, X's, T,s PTW = Pull Through Wiring ME = Magnetic End Caps (screwless) EMD = Emergency Driver - Battery Backup 120-277VAC 3ft. Min,
ACD = 4' Cable 5in/2in Drop Ceiling	ND 2 = Non-Dim Universal 277VAC	BK = Standard Black	CWPB = Canopy White/Power Cord Black	
ACU = 4' Cable/5in/2in Unistrut	ZT 1 = 0-10v dimming 120v dual 1%	SVR = Standard Silver	CBPB = Canopy Black/Power Cord Black	
ACR = 4' Cable/5in/2in Wood/Cement	ZT 2 = 0-10v dimming 277v dual 1%	RAL = Enter RAL # in notes section	CBPW = Canopy Black/Power Cord White	
ACC = Custom Length, add in notes	CC = Custom Control - add in notes	PA = Plated Aluminum-enter plated finish in notes		
ST2 = 2' Stem, Canopy PF 5in + Sup 5in	LE1 = Lutron EcoSystem 1% DLC EE CCR / PWM SoftOnFadeToBlack	CW = Custom Wood Finish - see wood PN # enter in notes.		
ST4 = 4' Stem, Canopy PF 5in + Sup 5in	LE5 = Lutron EcoSystem 5% DLC EE CCR	AA = Anodized Aluminum -enter PN in notes section		
ST3 = 3' Stem, Canopy PF 5in + Sup 5in				
STC = Custom Length, add in notes				

NOTES

ORDER NUMBER:

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Construction & Mounting

HOUSING

Extruded aluminum housings are supplied in nominal lengths of 3 ft., 4 ft., 6 ft., 8 ft. Fixtures may be continuously rowed (contact factory for details). End caps are extruded, milled aluminum and encapsulate ends of lenses to minimize light leaks. 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

Extruded round snap-in frosted acrylic lens formulated for LED light sources

MOUNTING

Cable mounting with various size canopies and power feeds. If not selected in options, canopy color and cord will be white. Cable uses gripper style locking for field adjustments. Canopy mounts to standard J-box. Can also be stem mounted. See options for more information.

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, Eidoled 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	2.88 WPF	350 LPF	123 LPW	2700 = .95
Medium	3000	4.15 WPF	500 LPF	121 LPW	3000 = 1
High	3000	6.33 WPF	750 LPF	119 LPW	3500 = 1.01
Very High	3000	8.48 WPF	1000 LPF	119 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.
- 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



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.