

Vario Combo Square

SHAPES

TYPE
PROJECT

Overview

- Our Vario Combo Square gives you the best of two lighting practices, direct downlighting for highlighting product and linear lighting for general ambient lighting. Perfect for any application where you need general lighting and accent lighting.
- Aesthetically pleasing design, no visible screws.
- One-piece extruded aluminum housing with integral drivers.
- Separate your circuits , linear lighting from your accent lighting.
- Continuous row mounting is standard.
- Can also be specified as surface or recessed trim-less in sheetrock.
- Various patterns available - see shapes or structures
- Standard color white, black. Custom wood, anodizing, RAL/Pantone# are available too.
- Made in the USA, UL approved and IBEW Union manufactured.



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Ordering Format

PART NUMBER: VARS-PC

Size	Lumens Direct	CCT Available	CRI Available	Optics
4S = 4x4 Feet	D3/D12 = 350 LPF Linear / Downlight 1250 Lumens 30Degree	27 = 2700 Kelvins	80 = 80-85 CRI	OW = Opal White
6S = 6x6 Feet	D5/D12 = 500 LPF Linear / Downlight 1250 Lumens 30Degree	30 = 3000 Kelvins	90 = 90-95 CRI	
8S = 8x8 Feet	D7/D12 = 750 LPF Linear / Downlight 1250 Lumens 30Degree	35 = 3500 Kelvins		
CL = Custom Length, add in notes	D10/D12 = 1000 LPF Linear / Downlight 1250 Lumens 30Degree	40 = 4000 Kelvins TW = Tunable White 2700-5000 Kelvins Linear Only		
Mounting	Driver / Voltage	Fixture Finish	Canopy/Power Cord Color	Options
AC1R = Round 5in Canopy JBox - 5in Support	ND 1 = Non-Dim Universal 120VAC	W = White Standard	CWPW = Canopy White/Power Cord White	OS = Occupancy Sensor
AC1S = Square 5in Canopy JBox - 5in Support	ND 2 = Non-Dim Universal 277VAC	BK = Black Standard	CWPB = Canopy White/Power Cord Black	EMD = Emergency Driver - Battery Backup 120v-277v
ACD1R = Round 5in Canopy JBox - 2in Support Slot Grid	ZT 1 = 0-10v dimming 120v dual 1%	SVR = Silver Standard	CBPB = Canopy Black/Power Cord Black	2C = 2 circuit wiring Direct /Indirect
ACD1S = Square 5in Canopy JBox - 2in Support Slot Grid	ZT 2 = 0-10v dimming 277v dual 1%	PA = Plated Aluminum-enter plated finish in notes	CBPW = Canopy Black/Power Cord White	IW = Inverter Wiring
ACD2R = Round 5in Canopy JBox - 2in Support T Grid	CC = Custom Control - add in notes	CW = Custom Wood Finish - see wood PN # enter in notes.		CA = Custom Angle, add in notes
ACD2S = Square 5in Canopy JBox - 2in Support T Grid	LE 1 = Lutron EcoSystem 1% DLC EE CCR / PWM SoftOnFadeToBlack	AA = Anodized Aluminum -enter PN in notes section		
ACUR = Round 5in Canopy JBox - .5in Support Unistrut	LE 5 = Lutron EcoSystem 5% DLC EE CCR			
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				

NOTES

ORDER NUMBER:

Construction & Mounting

HOUSING

Extruded aluminum housings are supplied in nominal lengths of 4 ft., 6 ft., 8 ft. 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. We can supply many variations of liner, linear with downlights or downlight only. End caps are extruded aluminum. Custom sizes are available.

REFLECTOR

Integral powder-coated LED housing with excessive reflectivity for increased lumen output on linear. Downlight has a specular open reflector.

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

Linear snap-in lens is designed for high LED output and to hide LED image. Downlight available in various beam spreads, consult factory.

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.

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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 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 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 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 Performance

LED Output	CCT Color Temp	Watts	Lumens	Lumens per Watt	CCT Multiplier
Low	3000	4.28 WPF	350 LPF	81	2700=.95
Medium	3000	6.23 WPF	500LPF	80	3000=1
High	3000	9.38WPF	750 LPF	80	3500=1.01
Very High	3000	12.63 WPF	1000 LPF	80	4000= 1.15
Medium 20d	3000	12.71 TW	1360 TL	107	NA
Medium 30d	3000	12.71 TW	1250 TL	107	NA

Certifications & Warranties

- Limited five-year (50,000 hours) warranty on all products. Limited ten-year (100,000 hours) warranty on all Lutron drivers.
- DLC listed products will have DLC Logo.
- 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.



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.