

Monarch Regress Lens

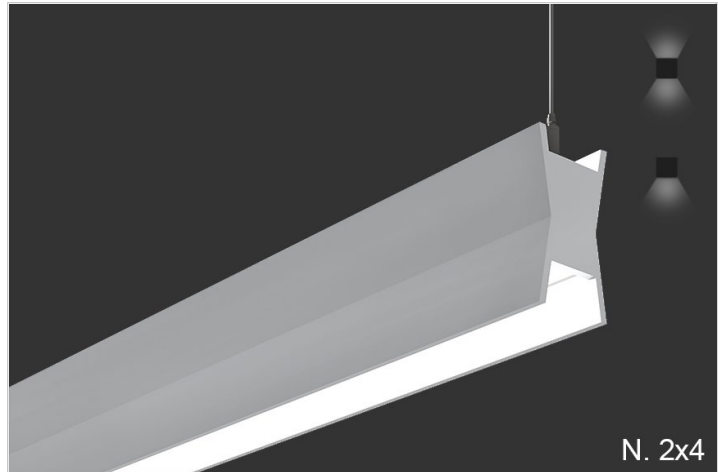
PENDANT LARGE

TYPE

PROJECT

Overview

- monarch, mon-arch noun; a large migratory American butterfly that has orange-brown wings with black veins and borders.
- Monarch Series was designed to share the shape of the Monarch butterfly (with minimal wings). The distinctive indent in the center of the profile reaching out to the ends, produce shadows that give the Monarch profile more character than the typical rectangle.
- DESIGNER SELECTIONS
- Monarch Series has 1 profile size, two and three eighths inch in width and four inches in height.
- Monarch Series has many color choices for the side reflectors, just spec from pull down, in fixture selection.
- Monarch Series has multiple choices for canopies and colors, just scroll down for your choices.
- Monarch 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.
- Monarch Series is available in direct only and direct/indirect. We can also tune in our drivers to a specific lumen output if required.
- Monarch Series is always available for your project's special customization needs, such as triangles, squares, rectangles and others.
- Monarch Series qualifies as "Made in America", "American Made" and is part of our ECO sustainable end of life program.
- Please be advised that our Monarch Series is available in Pendant, and Wall.
- For all: ies files, pictures, instructions, rfa files, and warranties....scroll to bottom.



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PENDANT LARGE

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Ordering Format

PART NUMBER: MON-PR

Size	Lumens Direct	Lumens Indirect	CCT Available	CRI Available
2 = 2 Feet	D3 = 350 LPF	I3 = 350 LPF	27 = 2700 Kelvins	80 = 80-85 CRI
3 = 3 Feet	D5 = 500 LPF	I5 = 500 LPF	30 = 3000 Kelvins	90 = 90-95 CRI
4 = 4 Feet		NN = Not Needed	35 = 3500 Kelvins	
6 = 6 Feet			40 = 4000 Kelvins	
8 = 8 Feet			TW = Tunable White 2700-5000 Kelvins	
CL = Custom Length, add in notes				
Direct Optics	Mounting	Driver / Voltage	Fixture Finish	Canopy/Power Cord Color
FWR = Frosted White Regressed FWR/BW = Down Frosted White Regressed - Up Batwing	AC1R = Round 5in Canopy JBox - 5in Support AC1S = Square 5in Canopy JBox - 5in Support ACD1R = Round 5in Canopy JBox - 2in Support Slot Grid ACD1S = Square 5in Canopy JBox - 2in Support Slot Grid ACD2R = Round 5in Canopy JBox - 2in Support T Grid ACD2S = Square 5in Canopy JBox - 2in Support T Grid ACUR = Round 5in Canopy JBox - .5in Support Unistrut 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	ND 1 = Non-Dim Universal 120VAC ND 2 = Non-Dim Universal 277VAC ZT 1 = 0-10v dimming 120v dual 1% ZT 2 = 0-10v dimming 277v dual 1% LE1 = Lutron EcoSystem 1% DLC EE CCR / PWM SoftOnFadeToBlack CC = Custom Control - add in notes	W = White Standard BK = Black Standard SVR = Silver Standard RAL = Enter RAL # in notes section PA = Plated Aluminum-enter plated finish 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	CWPW = Canopy White/Power Cord White CWPB = Canopy White/Power Cord Black CBPB = Canopy Black/Power Cord Black CBPW = Canopy Black/Power Cord White
Options				
AWN = Lutron Athena Wireless Node (RF only) AWNS = Lutron Athena Wireless Node (with Sensor) REDM = Remote Emergency Driver - Battery Backup 120-277VAC IF = Add incerts in different finish, add finish to notes.				

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Construction & Mounting

HOUSING

Extruded aluminum housings are supplied in nominal lengths of 2 ft., 3 ft., 4 ft., 5 ft. and 8 ft. Fixtures may be continuously rowed and will be detailed in the submittal process. Internal components are constructed from min. 20 gauge die-formed powder-coated steel. Easy access to driver and LED boards. End caps are extruded milled aluminum. 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 woodgrain 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

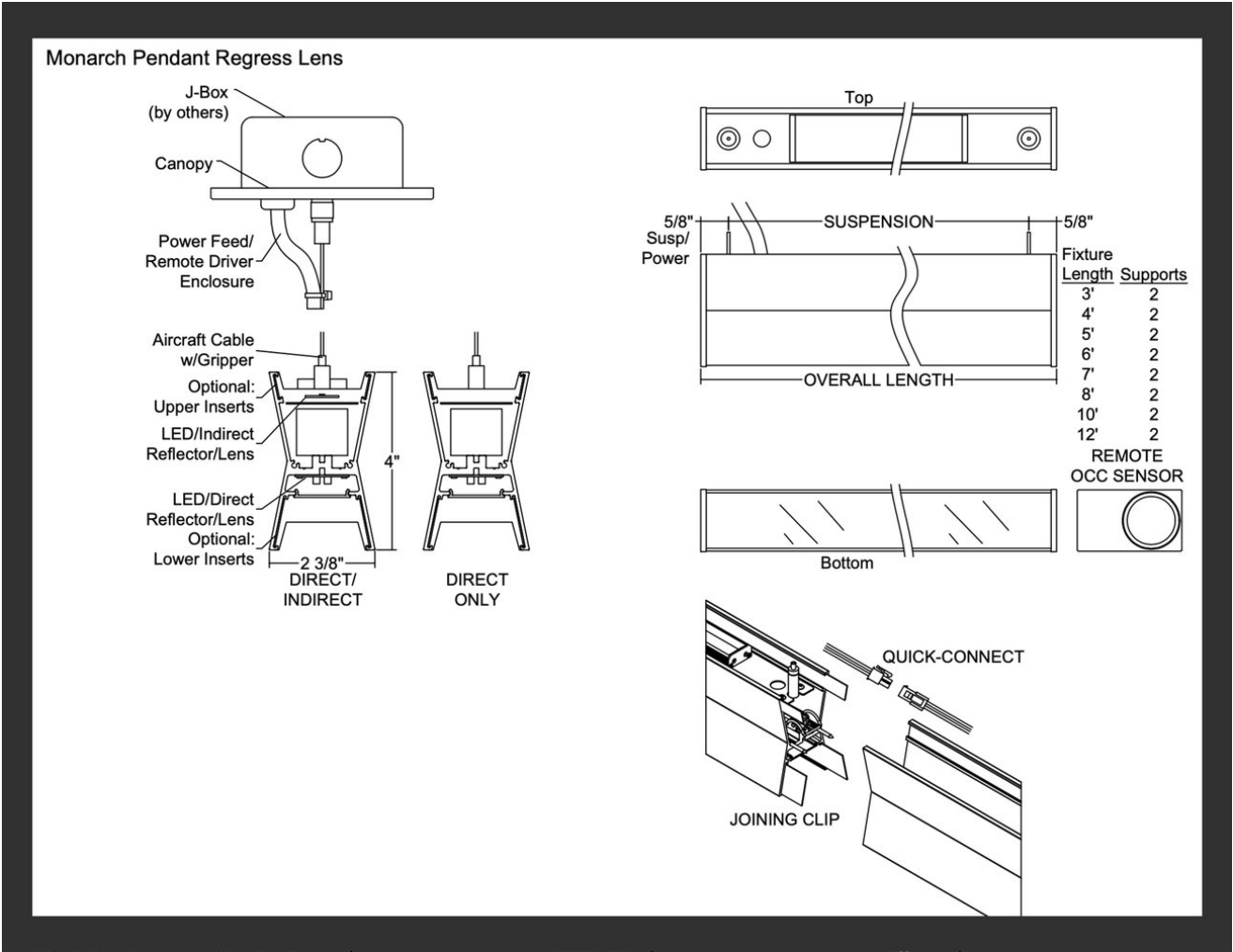
Extruded snap-in frosted acrylic lens formulated for LED light sources. Up Light provides 160 degree batwing distribution.

MOUNTING

Cable mounting with various size canopies and power feeds. If not selected in the spec sheet, the canopy color and cord will be white. Cable uses gripper-style locking for field adjustments. Canopy mounts to standard J-box. The standard cable length is 4 feet.

LABELING

UL Approved IBEW Union Made

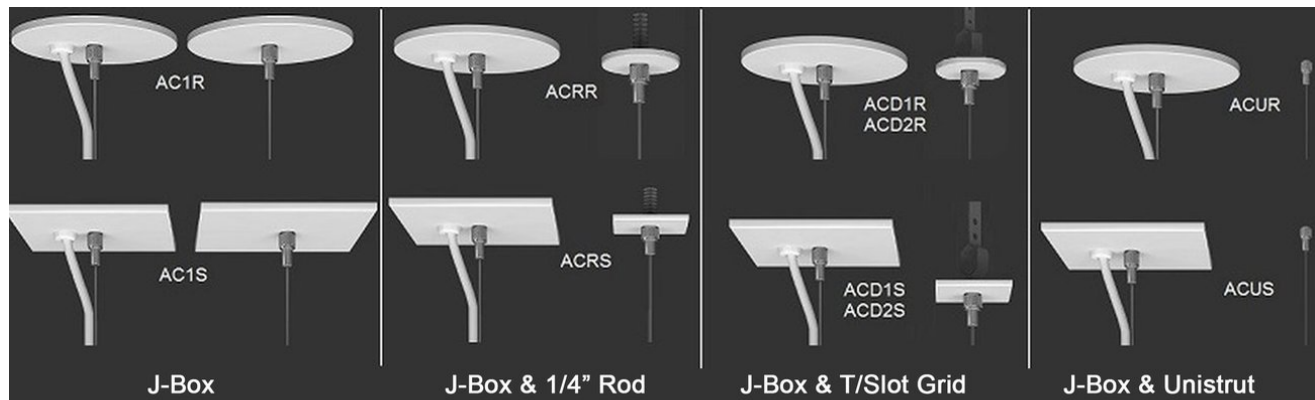


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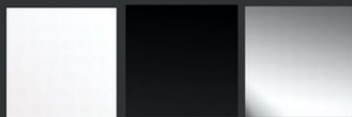
PENDANT LARGE

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Standard Finishes



White
W

Black
BK

Silver
SVR

Anodized Aluminum

xxxx-B for Aluminum to be Brushed



Anodized Black
AABK

Anodized
DK. Bronze
AADB

Anodized
LT. Bronze
AALB

Anodized
Champagne
AALC

Anodized Clear
AACL



Custom RAL - Custom finishes go to: tiger-coatings.com Add # in Notes

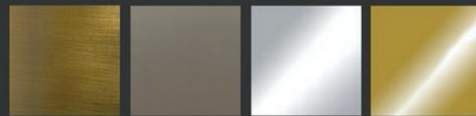
Standard Finishes – colors are powder coated and do not add to delivery lead time.

Anodized Aluminum – can be smooth or brushed, color can vary fixture to fixture and adds 2-3 weeks to lead time. Anodized finish is limited in fixture size.

Plated Aluminum – is a mirror finish in chrome and gold and adds 2 weeks to lead time.

Wood Finishes – so realistic, wood finish can add up to 3-4 weeks to lead time.

Plated Aluminum



Antique
Brass
APAB

Aged
Bronze
APBZ

Polished
Chrome
APPC

Polished
Gold
APPG

Wood Finishes



Light Bamboo
LW01

Light Pine
LW02



Teak
LW03

Dark Bamboo
LW04

Dark Cherry
LW05

Brushed Chestnut
LW06



Chestnut
DW01

Dark Chestnut
DW02

Cherry
DW03

Dark Mahogany
DW04



Mahogany
DW05

Walnut Pine
DW06

Dark Walnut Oak
DW07

Consult Factory

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PENDANT LARGE

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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 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
- 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	5.3 WPF (Indirect 2.7 WPF)	350 LPF	67 LPW	2700 = .95
Medium	3000	7.5 WPF (Indirect 3.9 WPF)	500 LPF	67 LPW	3000=1 / 3500=1.01/4000/1.03

- 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 (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

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