

# Muse Regress Lens

## PENDANT LARGE

TYPE

PROJECT

### Overview

- muse /myoʔoz / noun: Muse; plural noun: Muses; noun: muse; plural noun: muses (in Greek and Roman mythology) each of nine goddesses, the daughters of Zeus and Mnemosyne, who preside over the arts and sciences.
- Muse Series was designed and ingeniously named by a designer who echoes "muse", as a presider of the arts and sciences, in the same approach, we are all adding to the arts and sciences, in one way or another.
- DESIGNER SELECTIONS
- Muse Series has one profile size, standard is four- and one-half inch in width and four inches in height.
- Muse Series has multiple choices for canopies and colors, just scroll down for your choices.
- Muse 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.
- Muse Series is available in direct only and direct/indirect. We can also tune in our drivers to a specific lumen output if required.
- Muse Series is always available for your project's special customization needs, just contact your local agent.
- Muse Series qualifies as "Made in America", "American Made" and is part of our ECO sustainable end of life program.
- Please be advised that our Muse Series is available in Surface and Pendant.
- For all: ies files, pictures, instructions, rfa files, and warranties...scroll to bottom.



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### Ordering Format

PART NUMBER: MUSE-PR

| Size   | Lumens Direct   | Lumens Indirect   | CCT Available  | CRI Available   |
|--|---|---|--|---|
| <b>4</b> = 4 Feet  | <b>D3</b> = 350 LPF   | <b>I3</b> = 350 LPF   | <b>27</b> = 2700 Kelvins   | <b>80</b> = 80-85 CRI   |
| <b>8</b> = 8 Feet  | <b>D5</b> = 500 LPF   | <b>I5</b> = 500 LPF   | <b>30</b> = 3000 Kelvins   | <b>90</b> = 90-95 CRI   |
| <b>CL</b> = Custom Length,<br>add in notes   | <b>D7</b> = 750 LPF<br><b>D10</b> = 1000 LPF  | <b>I7</b> = 750 LPF<br><b>I10</b> = 1000 LPF<br><b>NN</b> = Not Needed  | <b>35</b> = 3500 Kelvins<br><b>40</b> = 4000 Kelvins<br><b>TW</b> = Tunable White<br>2700-5000 Kelvins   |   |
| Direct Optics  | Indirect Optics   | Mounting  | Driver / Voltage   | Fixture Finish  |
| <b>FW</b> = Frosted White  | <b>MC</b> = Matte Clear<br><b>BW</b> = Batwing  | <b>AC1R</b> = Round 5in<br>Canopy JBox - 5in<br>Support<br><br><b>AC1S</b> = Square 5in<br>Canopy JBox - 5in<br>Support<br><br><b>ACD1R</b> = Round 5in<br>Canopy JBox - 2in<br>Support Slot Grid<br><br><b>ACD1S</b> = Square 5in<br>Canopy JBox - 2in<br>Support Slot Grid<br><br><b>ACD2R</b> = Round 5in<br>Canopy JBox - 2in<br>Support T Grid<br><br><b>ACD2S</b> = Square 5in<br>Canopy JBox - 2in<br>Support T Grid<br><br><b>ACUR</b> = Round 5in<br>Canopy JBox - .5in<br>Support Unistrut<br><br><b>ACUS</b> = Square 5in<br>Canopy JBox - .5in<br>Support Unistrut<br><br><b>ACRR</b> = Round 5in<br>Canopy JBox - 2in<br>Support 1/4 Rod<br><br><b>ACRS</b> = Square 5in<br>Canopy JBox - 2in<br>Support 1/4 Rod | <b>ND 1</b> = Non-Dim<br>Universal 120VAC<br><br><b>ND 2</b> = Non-Dim<br>Universal 277VAC<br><br><b>ZT 1</b> = 0-10v dimming<br>120v 1%<br><br><b>ZT 2</b> = 0-10v dimming<br>277v 1%<br><br><b>LE1</b> = Lutron<br>EcoSystem 1% DLC EE<br>CCR / PWM<br>SoftOnFadeToBlack<br><br><b>CC</b> = Custom Control -<br>add in notes | <b>W</b> = Standard White<br><br><b>BK</b> = Standard Black<br><br><b>SVR</b> = Standard Silver<br><br><b>RAL</b> = Enter RAL # in<br>notes section<br><br><b>PA</b> = Plated<br>Aluminum-enter plated<br>finish in notes<br><br><b>CW</b> = Standard Wood<br>Finish - see wood PN #<br>enter in notes.<br><br><b>SW</b> = Special pattern<br>submitted by designer<br><br><b>AA</b> = Anodized<br>Aluminum -enter PN in<br>notes section |
| Canopy/Power Cord<br>Color   | Options   |   |  |   |
| <b>CWPW</b> = Canopy<br>White/Power Cord White<br><br><b>CWPB</b> = Canopy<br>White/Power Cord Black<br><br><b>CBPB</b> = Canopy<br>Black/Power Cord Black<br><br><b>CBPW</b> = Canopy<br>Black/Power Cord White | <b>AWN</b> = Lutron Athena<br>Wireless Node (RF only)<br><br><b>AWNS</b> = Lutron Athena<br>Wireless Node (with<br>Sensor)<br><br><b>2C</b> = 2 circuit wiring<br>for direct indirect<br><br><b>IW</b> = Inverter Wiring<br><br><b>CA</b> = Custom Angle,<br>add in notes<br><br><b>OS</b> = Occupancy<br>Sensor<br><br><b>EMD</b> = Emergency<br>Driver - Battery Backup |   |  |   |

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|  |            |
|--|------------|
|  | 120-277VAC |
|--|------------|

NOTES

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|               |
|---------------|
| ORDER NUMBER: |
|---------------|

# Muse Regress Lens

PENDANT LARGE

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## 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. Curved end caps are extruded aluminum. Custom sizes are available.

### REFLECTOR

Integral powder-coated LED housing with excessive reflectivity for increased lumen output

### FINISH

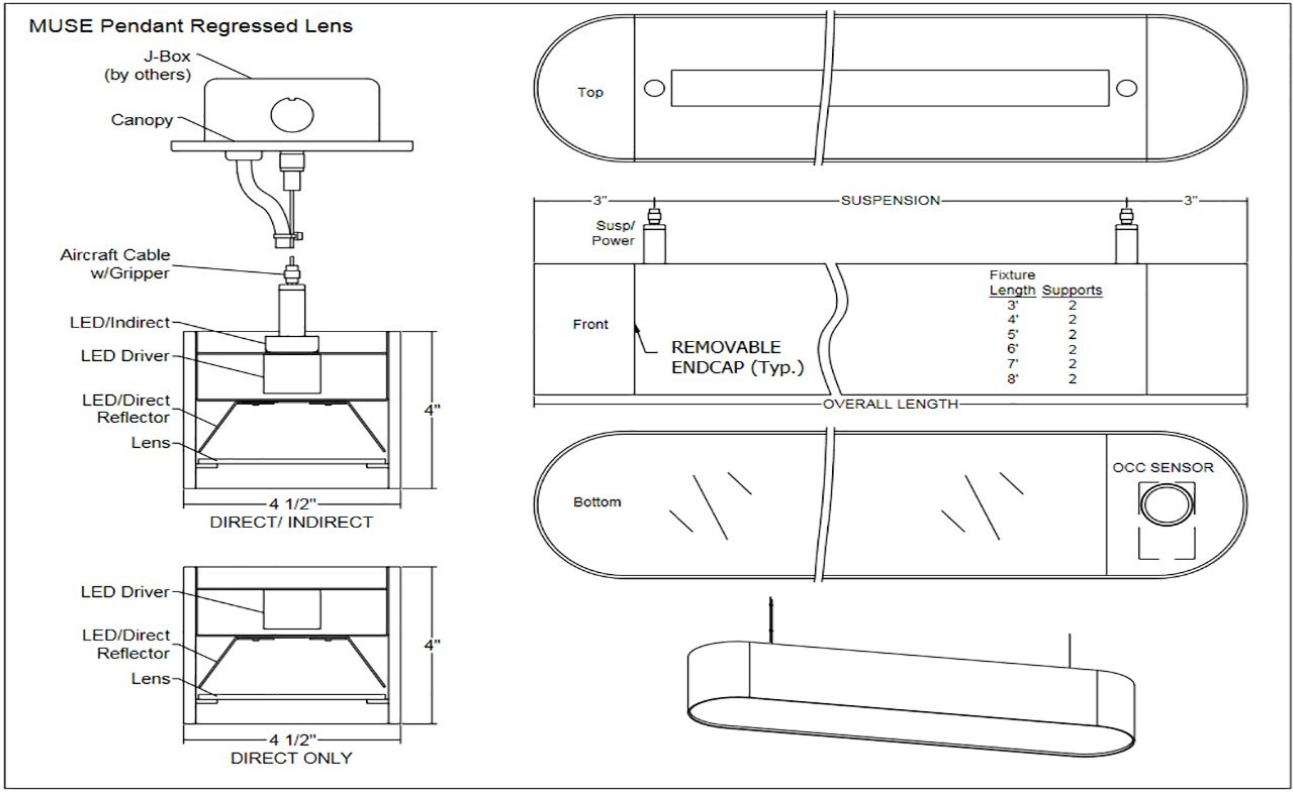
Standard powder-coated colors are white, black, and silver. Custom processed wood finishes, aluminum anodized finishes, chrome/gold plating, and special finishes are available as well. We also accept RAL and Pantone numbers for powder-coating color choices.

### OPTICS

Direct component provided with a slide-in frosted acrylic lens formulated for LED light sources. Indirect component 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. If not selected in options, canopy color and cord will be white. Cable uses gripper style locking for field adjustments 48" standard. Canopy mounts to standard J-box. Can also be stem mounted. See options for more information.



# Muse Regress Lens

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AC1R  
AC1S

**J-Box**

ACRR  
ACRS

**J-Box & 1/4" Rod**

ACD1R  
ACD2R  
ACD1S  
ACD2S

**J-Box & T/Slot Grid**

ACUR  
ACUS

**J-Box & Unistrut**

**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

**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

**Custom RAL** - Custom finishes go to: [tiger-coatings.com](http://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.

## 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, 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 a minimum of 90 minutes of 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           | 5.23 WPF Direct ( 4 WPF Indirect)  | 350 LPF | 68              | 2700 = .95                   |
| Medium     | 3000           | 7.68 WPF Direct (5.8 WPF Indirect) | 500 LPF | 66 LPW          | 3000 = 1/3500=1.01/4000=1.03 |
| High       | 3000           | 8.6 WPF Indirect only              | 750 LPF | 82 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 the 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

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- Limited five-year (50,000 hours) warranty on all products. Limited ten-year (100,000 hours) warranty on all Lutron drivers.
- I.C.-rated fixtures are available upon request.
- Chicago Plenum and IC products are available upon request.
- Picasso Lighting must receive in writing any thought to be defective products discovered, no later than 4 weeks from delivery to; [ttoledo@picassoltg.com](mailto: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.
- UL and CUL listed for dry and damp locations.
- IBEW USA Union All fixtures are IBEW manufactured and assembled in the USA.
- 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
- Picasso Lighting must receive in writing any thought to be defective products discovered, no later than 4 weeks from delivery to; [ttoledo@picassoltg.com](mailto: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.