

# ELLIPSE BEAM - S3

## INDIRECT, DIRECT AND INDIRECT/DIRECT OVAL PATTERNS



2.795" Wide X 5.118" High

PAL Architectural Lighting presents the new LASSO ELLIPSE BEAM - S3. The ELLIPSE BEAM - S3 is available in three distinct sized oval-shape patterns, and mounts to drywall, metal pan, concrete, timber and T-Bar grid ceilings. In addition, Ellipse BEAM - S3 is available in Direct-only, Indirect-only & Indirect/Direct configurations.

At only 2.795" in width, the LASSO ELLIPSE BEAM - S3 is a sleek, compact form that creates a minimal spatial footprint and striking architectural statements.

Type:

Project Name:

Catalog Number:

## SPECIFICATIONS

### Housing

Constructed of extruded aluminum and available in three standard elliptical-shape pattern sizes. \*See dimensions at left.

### Lens/Diffusers - Indirect

(FAL) Frosted acrylic snap-in lens, with magnetic retention location locks.

(PL) Heavy-duty polycarbonate snap-in lens, with magnetic retention location locks. Lens is IK08 rated for impacts.

### Lens/Diffusers - Direct

(FAL) Frosted acrylic snap-in lens, with magnetic retention location locks.

(PL) Heavy-duty polycarbonate snap-in lens, with magnetic retention location locks. Lens is IK08 rated for impacts.

### Finish

Standard housing finish is textured matte white or textured matte black. Custom colors are also available.

### Gear Tray/LED Module

Removeable gear tray is constructed of solid aluminum, has LED module attached and is designed for quick and simple 'single person' installation or removal.

### Color Temperatures/CRI

LED light sources are available for the following Co-ordinated Color Temperatures (CCT):

**Standard:** 3000K, 3500K, 4000K, & 5000K

**Tunable White:** Variable CCT range from 2700K thru 6500K.

**RGBW:** (Red, Green, Blue, White) color-changing logic module is rated at 90+ CRI and is available in standard High Output and Medium Output.

Contact factory for available custom outputs.

**Color Rendering Index (CRI):** Standard: 90

### Warranty

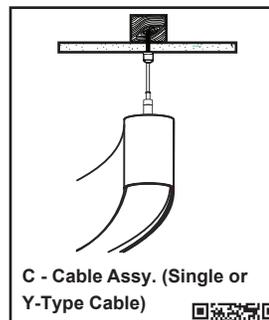
10-year limited warranty. No other warranty is expressed or implied. Complete warranty terms can be accessed by visiting:

<https://pal-lighting.com/company/warranty>

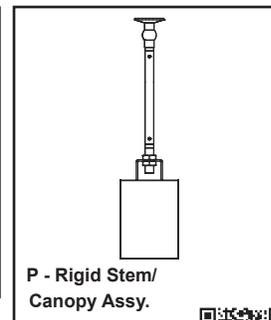
### Certifications

Fixtures are UL listed for use in 'Dry or Damp Applications'. Fixtures are CE listed for the European market. Fixtures also carry an EMC rating (electromagnetic compatibility). IP20 rated.

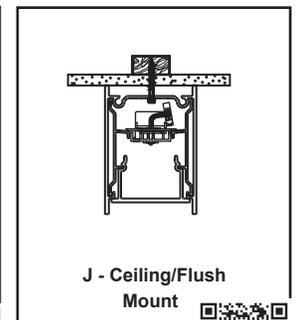
### Mountings



\*Link to Cable Instructions



\*Link to Rigid Stem Instructions



\*Link to Ceiling Mt Instructions



43" X 56" Dimension

52" X 78" Dimension

75" X 88" Dimension



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## DIRECT, INDIRECT, AND INDIRECT/DIRECT OVAL PATTERNS

### ORDERING GUIDE

LEB3 - I/D — [ ] — [ ] — [ ] — [ ] — [ ] — [ ]

Series	Standard Outputs	Color Temp. (CCT)	Color Render	Oval Patterns	Mounting
LEB3-D LASSO ELLIPSE BEAM - S3 DIRECT	<b>Direct-Only or Indirect-Only:</b>	<b>Standard:</b>	<b>90</b> 90 CRI	<b>4356</b> 43" X 56" Dimension	<b>C</b> Cable : Single Cable
	<b>HO</b> High Output 875 Lms/Ft	<b>K30</b> 3000 Kelvin		<b>5278</b> 52" X 78" Dimension	<b>CY</b> Cable : Y-Type Split Cable
LEB3-I LASSO ELLIPSE BEAM - S3 INDIRECT	<b>MO</b> Medium Output 475 Lms/Ft	<b>K35</b> 3500 Kelvin		<b>7588</b> 75" X 88" Dimension	<b>P</b> Rigid Stem/Canopy Assy
	<b>CO</b> ___ **Custom Output	<b>K40</b> 4000 Kelvin			<b>J</b> Ceiling/Flush Mount
LEB3-I/D LASSO ELLIPSE BEAM - S3 INDIRECT/DIRECT	<b>Indirect/Direct:</b>	<b>Optional:</b>			
	<b>HO/HO</b> High Output - (Up/Dn) 1750 Lms/Ft (Combined)	<b>TW</b> 2700K thru 6500K (Tunable White)			
	<b>MO/MO</b> Medium Output - (Up/Dn) 950 Lms/Ft (Combined)	<b>RGBW</b> Red/Green/Blue/White (Color Changing)			
	<b>CO/CO</b> ___ **Custom Output				

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Lenses-Indirect	Lenses-Direct	Housing Color	Voltage	Drivers - Dimming	Drivers - Tunable White / RGBW
<b>FAL</b> Frosted Acrylic Lens	<b>FAL</b> Frosted Acrylic Lens	<b>F01M</b> Textured Matte White (Standard)	<b>UNV</b> Universal Voltage (120V - 277V)	<b>DIM10</b> Dimming 100% to 10%	<b>TW</b> DALI protocol driver - Tunable White Color Tuning
<b>PL</b> Polycarbonate Lens	<b>PL</b> Polycarbonate Lens	<b>F11M</b> Textured Matte Black (Standard)		<b>DIM5</b> Dimming 100% to 5%	<b>RGBW</b> DMX protocol driver - RGBW Red/Green/Blue/White Color Tuning
		<b>FCC</b> Custom Color - RAL Color # ___		<b>DIM1</b> Dimming 100% to 1%	
				<b>DIM0</b> Dimming 100% to 0%	

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Sensor Options	Emergency Options	Control Options
<b>OCC</b> Occupancy/Motion Sensor	<b>EBPH</b> Emergency Battery Pack	<b>0-10V</b> 0-10V protocol
<b>DS</b> Daylight/Photocell Sensor		<b>DALI</b> DALI protocol (TW)
		<b>DMX</b> DMX protocol (RGBW)
		<b>CASAMBI</b> Casambi protocol wireless control system

**Notes:**

- All fixtures are factory pre-wired for a single circuit. Provisions for multiple switching/circuiting is optional.
- Straight fixtures and 48R (48" Radius) arc segments contain integral drivers. Arc segments below 48R have remote drivers.
- Standard power supply (driver) is UL recognized, and is available with 0-10V dimming capability as well as 120 thru 277 universal voltage.
- Tunable White power supply (driver) is UL recognized, and is compatible with DALI control protocols.
- RGBW power supply (driver) is UL recognized, and is compatible with DMX control protocols.
- LASSO ELLIPSE BEAM - S3 oval fixture patterns are IP20 rated - for indoor use only.

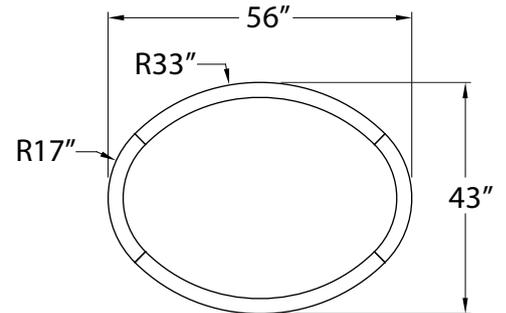


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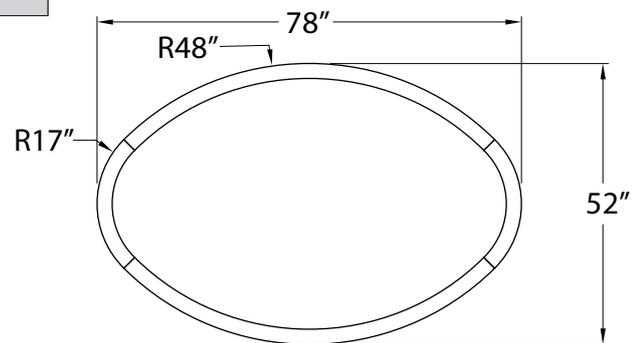
## Standard Dimension Options

**DATA TABLE**

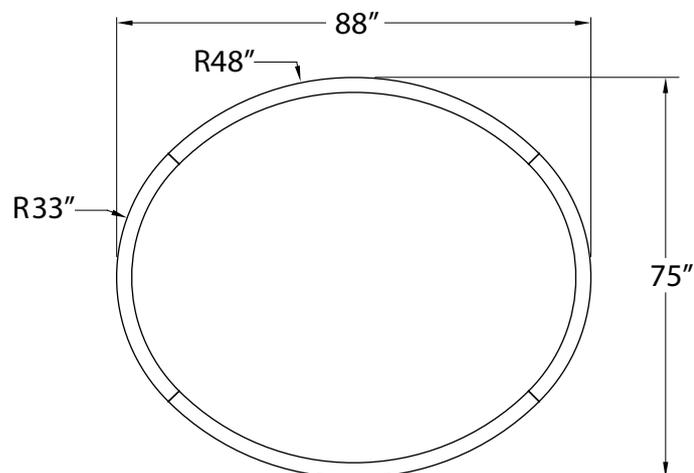
Optic Module LED Engine	Optimized	CRI	90+
		Lumen Maintenance	82,000 Hours
Warranty	10 years		
Dimensions	Profile size: 2.795" W X 5.118" H - Overall Patterns: See dimensions at right.		
Weight	Ellipse 43" X 56" Pattern: 27.8 lbs. / Ellipse 52" X 78" Pattern: 39.2 lbs / Ellipse 75" X 88" Pattern: 42.8 lbs.		
IP Rating	IP20 (dry indoor application only)		
Compatible ceiling	Suitable for drywall ceilings, metal pan, concrete, timber & T-Bar Grid ceilings		
Mounting	Single drop & Y-Type Cables, Rigid Stem, Surface/Ceiling Mount		



**43" X 56" Ellipse**



**52" X 78" Ellipse**

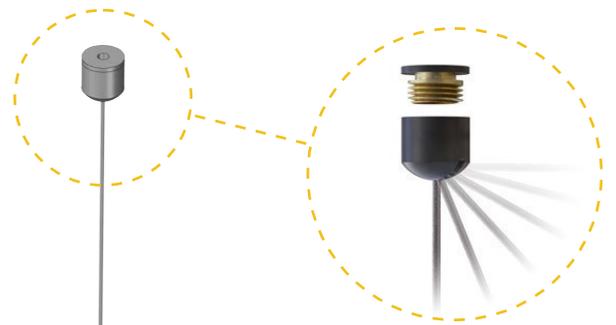


**75" X 88" Ellipse**

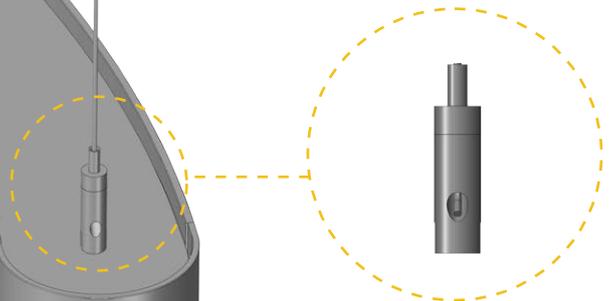
# ELLIPSE BEAM - S3 OVAL PATTERNS

## Fully Adjustable Cable/Rollerball Suspension

A smart suspension system that can be mounted on any surface, whether flat or sloped ceiling.



Custom rollerball cable barrel allows fixture to hang plumb, even on sloped surfaces.



Adjustable cable barrel allows for suspension adjustment up or down.