

SERIES P91

Decorative LED Pendants
990-11,120 Lumens



P91 w/AP
Acrylic Disc
990-10,786
lumens



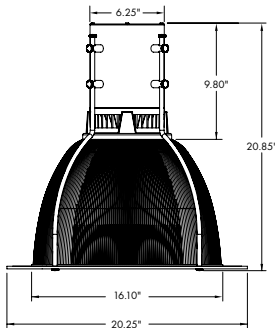
P91 w/LRA
Deco Ring
1021-11,120
lumens



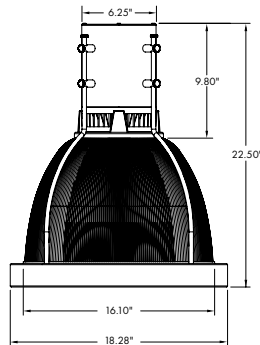
LSA - Stepped Ring



Conical Prismatic Drop Lens



P91 w/AP



P91 w/LRA

APPLICATION

Decorative pendant lighting fixture is ideal for applications that require the long lamp life and energy saving benefits of LED technology.

FEATURES AND BENEFITS

- Prismatic UV stabilized acrylic refractor. A slight frosted appearance produces a soft diffused illumination.
- Extruded aluminum housing features an architectural-grade powder coat finish in a variety of colors.
- Emergency option (IEM) available using special ceiling canopy.
- Custom colors available.
- Separate models available for our remote driver platforms of IRD and CentralDrive™ (see below).

TECHNICAL DATA

- Input: 120 to 277 VAC, 50-60Hz
- 0-10V 1% (linear) and forward/reverse phase (120V) dimming. Other options listed on page 3.
- CRI = 80. Available in 90 CRI.
- Expected lamp life to be 50,000 hours with 70% lumen maintenance when ambient temperatures do not exceed 35°C. Lower ambient temperatures yield longer lamp life.

REMOTE DRIVER OPTIONS (PUBLISHED SEPARATELY)

IRD (In-ceiling Remote Driver) features a housing with driver that is recessed in the ceiling and operates a single lighting fixture. Benefits include small 0.25" thick ceiling canopies, emergency (EM) options, and longer driver life due to reduced exposure to the heat of the LED engine. Both new construction and remodel style housings are available.

CentralDrive™ system features a remote panel that operates multiple lighting fixtures. This remote panel can be installed in an easy-to-access area such as a utility closet. Benefits are the same as our IRD system as well as easy driver replacement.

Lighting fixtures for these remote driver systems are published separately and can be found on our website. Please contact our sales team for more information on these options.



HOW TO ORDER

Catalog #:
Example: P91A1V1035DASAPRAWM

Fixture Series	Mounting	Driver	Delivered Lumens	Color Temp	Dimming	Upper Housing Finish
P91	A* = Aviation Cable W^ = Wall Mount P = Pendant Mount S = Surface Mount	V = On Board Driver	10 = (990-1021L, 7.8W) 20 = (2089-2154L, 15.8W) 30 = (3186-3285L, 23.8W) 40 = (4246-4377L, 32.3W) 50 = (4769-4917L, 36.6W) 60 = (5802-5981L, 45.2W) 70 = (6801-7021L, 53.8W) 80 = (7794-8035L, 63.2W) 90 = (8772-9043L, 72.4W) 100 = (9749-10,005L, 82.1W) 110 = (10,786-11,120L, 91W) 9 = 90 CRI <i>Delivered lumens on next pages</i>	5 = 5000K 4 = 4000K 35 = 3500K 3 = 3000K 27 = 2700K	DA = Xitanium 1% 0-10V (linear) is standard. <i>More options on next page.</i>	SA = Satin Aluminum MW = Matte White GW = Gloss White MB = Matte Black GB = Gloss Black BZ = Bronze COLORS (See Last Page)

Heat Sink Finish	Shade Style	Shade Color	Decorative Accessory	Lens Options	Options
Blank = Matte Black 1 = Matte White 2 = Satin Aluminum 3 = Bronze 5 = Gloss White 6 = Gloss Black M = Match Cylinder Housing	PA = Acrylic Refractor	M = Frosted R = Red B = Blue G = Green	LRA = Satin Aluminum LRW = Matte White Ring LSA = Satin Aluminum Stepped Ring LSW = White Stepped Ring AP = Acrylic Disc	1 = Conical Lens 2 = Clear Flat Acrylic Lens 3 = Clear Domed Acrylic Lens	F = Fuse and Fuse Holder IEM = EM Battery Pack w/ Integral Test Switch. <i>Special Ceiling Canopy Required. Not available in wall mount.</i>

- *1 = White canopy/ White cord
- 2 = White canopy/ Black cord
- 3 = Black canopy/ White cord
- 4 = Black canopy/ Black cord
- 5 = Bronze canopy/ White cord
- 6 = Bronze canopy/ Black cord
- 7 = Silver canopy/ White cord
- 8 = Silver canopy/ Black cord
- 9 = White canopy/ Clear cord
- 10 = Black canopy/ Clear cord
- 11 = Silver canopy/ Clear cord
- 12 = Bronze canopy/ Clear cord

Stem Kit Specification:

Example: PRDR24SA

Pendant Stem	Stem Length	Finish
PRDR = Swivel Pendant Kit	Stem Length in increments of 12 inches. (Add .25" for Canopy) Can be cut to length in field	SA = Satin Aluminum W = White B = Black Z = Bronze

Fixture:	Type:
Project:	

Manufactured and tested to UL#2108 and CSA standards.

All Pathway® products meet or exceed requirements as established by the National Electrical Code. Specifications subject to change without notice.

DIMMING OPTIONS

Specify option by suffix (shown in bold-face type)

Our White Paper regarding Linear vs. Logarithmic Operating Characteristics is available in our 'Downloads' section of our website, or you may request one by emailing Sales@PathwayLighting.com

0-10V Dimming Options	Lutron Dimming Options	DALI Dimming Options	Foward/Reverse Phase Options
<p>Maximum Lumen Designation of 100 DA = Xitanium 1% 0-10V (linear) DB = Xitanium 1% 0-10V (logarithmic)</p>	<p>Maximum Lumen Designation of 50 DG = Lutron Eco 1% (linear) DJ = Lutron 2 wire 1% (linear)</p>	<p>Maximum Lumen Designation of 60 DK = EldoLED DALI 0% (logarithmic) DL = EldoLED DALI 1% (logarithmic)</p>	<p>Maximum Lumen Designation of 60 DQ = 2-wire forward/reverse phase (120V) and 0-10V 1% (linear)</p>
<p>Maximum Lumen Designation of 60 DC = EldoLED 0-10V 0% (logarithmic) DD = EldoLED 0-10V 1% (logarithmic) DE = EldoLED 0-10V 0% (linear) DF = EldoLED 0-10V 1% (linear) DR = ERP 0-10V 1% (linear), Lumen Designation 110 Only DS = 0-10V 1% (linear) 347V only,</p>			<p>Lumen Designation 110 Only DP = 120V Forward/Reverse Phase 1% (linear)</p>
<p>Maximum Lumen Designation of 60 DT = 0-10V 1% (linear) dim to off</p>			

DMX Dimming Options (interfaced through 0-10V driver)	DMX Dimming Options RDM Compliant
<p>Maximum Lumen Designation of 100 XA = DMX Xitanium 1% (linear)^ XB = DMX Xitanium 1% (logarithmic)^</p>	<p>Maximum Lumen Designation of 50 XG = EldoLED 0% (logarithmic) XH = EldoLED 0% (linear)</p>
<p>Maximum Lumen Designation of 60 XC = DMX EldoLED 0% (logarithmic)^ XD = DMX EldoLED 1% (logarithmic)^ XE = DMX EldoLED 0% (linear)^ XF = DMX EldoLED 1% (linear)^</p>	
<p>Lumen Designation 110 Only XR = DMX ERP 1% (linear)</p>	

^These options are not compatible with emergency battery options.

DELIVERED LUMENS DATA

Delivered Lumen Data for Fixtures with Acrylic Disc - (3500K Color Temperature)

FIXTURE	TRIM	WATTAGE	DELIVERED LUMENS	LPW
P91V1035K	PAM_AP	7.8	990	127
P91V2035K	PAM_AP	15.8	2089	132
P91V3035K	PAM_AP	23.8	3186	134
P91V4035K	PAM_AP	32.3	4246	131
P91V5035K	PAM_AP	36.6	4769	130
P91V6035K	PAM_AP	45.2	5802	128
P91V7035K	PAM_AP	53.8	6810	127
P91V8035K	PAM_AP	63.2	7794	123
P91V90355K	PAM_AP	72.4	8772	121
P91V10035K	PAM_AP	82.1	9749	119
P91V11035K	PAM_AP	91.0	10786	119

Scaling factors for other temperatures: 2700K = .92 ; 3000K = .97 ; 4000K = 1.01 ; 5000K = 1.04
90 CRI = .83

DELIVERED LUMENS DATA

Delivered Lumen Data for Fixtures with Decorative Ring - (3500K Color Temperature)

FIXTURE	TRIM	WATTAGE	DELIVERED LUMENS	LPW
P91V1035K	PAM_LRA	7.8	1021	131
P91V2035K	PAM_LRA	15.8	2154	136
P91V3035K	PAM_LRA	23.8	3285	138
P91V4035K	PAM_LRA	32.3	4377	136
P91V5035K	PAM_LRA	36.6	4917	134
P91V6035K	PAM_LRA	45.2	5981	132
P91V7035K	PAM_LRA	53.8	7021	131
P91V8035K	PAM_LRA	63.2	8035	127
P91V90355K	PAM_LRA	72.4	9043	125
P91V10035K	PAM_LRA	82.1	10050	122
P91V11035K	PAM_LRA	91.0	11120	122




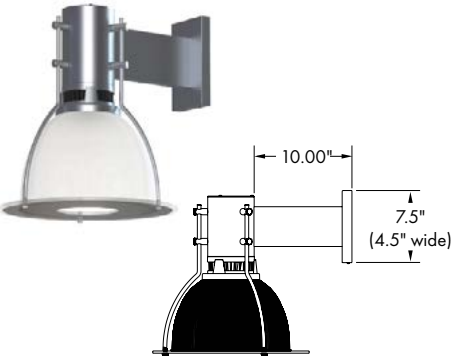
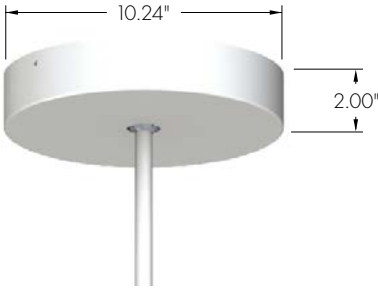
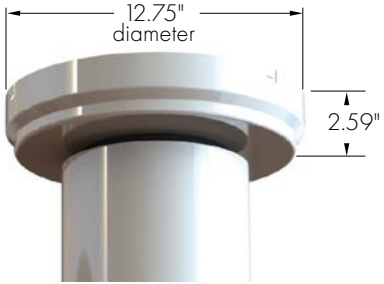
Scaling factors for other temperatures: 2700K = .92 ; 3000K = .97 ; 4000K = 1.01 ; 5000K = 1.04
90 CRI = .83

Delivered Lumen Data for Fixtures with Conical Lens - (3500K Color Temperature)

FIXTURE	TRIM	LENS	WATTAGE	DELIVERED LUMENS	LPW
P91V1035K1	PAM_LRA	CONICAL	7.8	1001	128
P91V2035K1	PAM_LRA	CONICAL	15.8	2111	134
P91V3035K1	PAM_LRA	CONICAL	23.8	3219	135
P91V4035K1	PAM_LRA	CONICAL	32.3	4289	133
P91V5035K1	PAM_LRA	CONICAL	36.6	4819	132
P91V6035K1	PAM_LRA	CONICAL	45.2	5861	130
P91V7035K1	PAM_LRA	CONICAL	53.8	6881	128
P91V8035K1	PAM_LRA	CONICAL	63.2	7874	125
P91V90355K1	PAM_LRA	CONICAL	72.4	8862	122
P91V10035K1	PAM_LRA	CONICAL	82.1	9849	120
P91V11035K1	PAM_LRA	CONICAL	91.0	10898	120

Scaling factors for other temperatures: 2700K = .92 ; 3000K = .97 ; 4000K = 1.01 ; 5000K = 1.04
90 CRI = .83

MOUNTING CONFIGURATIONS

Aviation Cable (A)	Pendant Mount (P)	Surface (S)
 <p>Supplied with 10' field adjustable aviation cable and straight cord. Contact Sales Department for custom lengths.</p>	 <p>Swivel mount pendant stem product allows cylinder to hang plumb up to 45° sloped ceiling. All stems are 3/8" IPS and specified in increments of 12 inches. They can be easily cut to specific length in field. Standard finish white powder coat.</p>	 <p>Provided with mounting holes for securement to 4" octagon junction box. Canopy adds .25" to overall height</p>
Wall Mount (W)	Universal Ceiling Canopy	Emergency Ceiling Canopy
 <p>Standard bracket protrudes 10" from wall and measures 7.5" tall by 4.5" wide. Mounts to 4" octagon junction box.</p>	 <p>For DMX option. Available for surface, pendant stem and straight cord mounting styles.</p>	 <p>Available for surface, pendant stem and straight cord mounting styles and emergency options (IEM). Not available on wall mount models.</p>

COLOR CHART

Standard Finishes (Powder Coat)



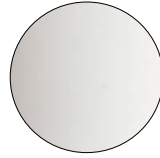
Matte Black (MB)



Bronze (BZ)



Satin Aluminum (SA)



Matte White (MW)

Special Finishes Available. Contact our sales department.

