

SERIES P81

Decorative LED Pendants
728-4832 Lumens



P81 w/AP
Acrylic Disc
728-4636
lumens



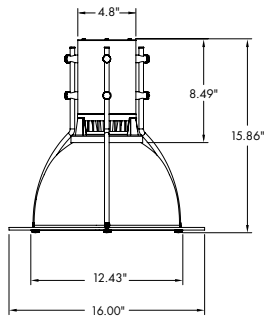
P81 w/LRA
Deco Ring
759-4832
lumens



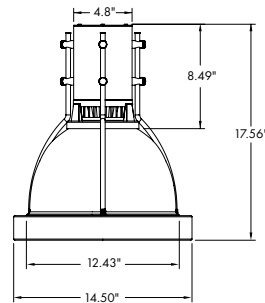
LSA - Stepped Ring



Conical Prismatic Drop Lens



P81 w/AP



P81 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

- "Split" reflector features acrylic upper shade in white and satin anodized aluminum lower shade. A variety of colors are offered.
- 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.
- Available with Bridgelux Thrive™ high-fidelity human-centric lighting technology.
- 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. [Link to IRD Options](#)

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. [Link to Central Drive Options](#)

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.

[Link to Remote Driver Fixtures](#)



HOW TO ORDER

Catalog #:

Example: P81A1V1035DASAPSWAWLRA

Fixture Series	Mounting	Driver	Delivered Lumens	Dimming	Color Temp
P81	<p>A¹ = Aviation Cable W = Wall Mount P = Pendant Mount S = Surface Mount</p> <p>Conduit Canopies CA¹ = Aviation Cable CP² = Pendant Stem CS = Surface</p>	V = On Board Driver	<p>10 = (728-759L, 7.8W) 20 = (1541-1607L, 15.8W) 35 = (2346-2445L, 23.8W) 45 = (3139-3272L, 32.3W) 55 = (3909-4047L, 40.8W) 65 = (4636-4832L, 49.7W) 9 = 90 CRI</p> <p><i>Delivered lumens located on nex page</i></p>	<p>T = Thrive High Fidelity Human Centric Technology</p> <p>95 CRI. Use scaling factor of 0.54 to determine delivered lumens.</p>	<p>5 = 5000K 4 = 4000K 35 = 3500K 3 = 3000K 27 = 2700K</p>

Dimming	Upper Housing Finish	Heat Sink Finish	Shade Style	Shade Color	Decorative Accessory
<p>DA = Xitanium 1% 0-10V (linear) is standard.</p> <p><i>More options on next page.</i></p>	<p>SA = Satin Aluminum MW = Matte White MB = Matte Black BZ = Bronze COLORS (See Last Page)</p>	<p>Blank = Matte Black 1 = Matte White 2 = Satin Aluminum 3 = Bronze M = Match Cylinder Housing</p>	PS = Split Shade	<p>WAW = Satin Aluminum Reflector with White Dome WWW = White Reflector with White Dome</p>	<p>LRA = Satin Aluminum Ring LRW = Matte White Ring LSA = Satin Aluminum Stepped Ring LSW = White Stepped Ring AP = Acrylic Disc</p>

Lens Options	Options
<p>1 = Conical Lens 2 = Clear Flat Acrylic Lens 3 = Clear Domed Acrylic Lens</p>	<p>F = Fuse and Fuse Holder IEM = EM Battery Pack w/ Integral Test Switch. <i>Special Ceiling Canopy Required. Not available in wall mount.</i></p>

¹ Specify canopy and cord color using "A" followed by number, e.g. "A2"
 1 = White canopy/ White cord 5 = Bronze canopy/ White cord 9 = White canopy/ Clear cord
 2 = White canopy/ Black cord 6 = Bronze canopy/ Black cord 10 = Black canopy/ Clear cord
 3 = Black canopy/ White cord 7 = Silver canopy/ White cord 11 = Silver canopy/ Clear cord
 4 = Black canopy/ Black cord 8 = Silver canopy/ Black cord 12 = Bronze canopy/ Clear cord

² Specify canopy finish using "CP" followed by letter, e.g. "CPW": W = Matte White, B = Matte Black, A = Satin Aluminum, Z = Bronze. Stem length specified separately, see below "PKU".

Stem Kit Specification:

Example: PRDR24SA

Pendant Stem	Stem Length	Finish
<p>PRDR = Swivel Pendant Kit For "P" Mounting Style. Add 2" for canopy.</p> <p>PKU = Swivel Pendant Kit for Conduit Canopy, "CP" mounting style. Add 4" for canopy.</p>	Stem Length in increments of 12 inches. Can be cut to length in field	<p>SA = Satin Aluminum W = White B = Black Z = Bronze</p>

See page 5 for more information on mounting styles.

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>DA = Xitanium 1% 0-10V (linear) DB = Xitanium 1% 0-10V (logarithmic) DC = EldoLED 0-10V 0% (logarithmic) DD = EldoLED 0-10V 1% (logarithmic) DE = EldoLED 0-10V 0% (linear) DF = EldoLED 0-10V 1% (linear) DS = 0-10V 1% (linear) 347V only, DT = 0-10V 1% (linear) dim to off</p>	<p>Contact Sales Department</p>	<p>DK = EldoLED DALI 0% (logarithmic) DL = EldoLED DALI 1% (logarithmic)</p>	<p>DQ = 2-wire forward/reverse phase (120V) and 0-10V 1% (linear)</p>

DMX^ Dimming Options (interfaced through 0-10V driver)	DMX Dimming Options RDM Compliant
<p>XA = DMX Xitanium 1% (linear)^ XB = DMX Xitanium 1% (logarithmic)^ XC = DMX EldoLED 0% (logarithmic)^ XD = DMX EldoLED 1% (logarithmic)^ XE = DMX EldoLED 0% (linear)^ XF = DMX EldoLED 1% (linear)^</p>	<p>Maximum Lumen Designation of 55 XG = EldoLED 0% (logarithmic) XH = EldoLED 0% (linear)</p>

^ These options are not compatible with emergency battery options. Not compatible with surface conduit canopies.

DELIVERED LUMENS DATA

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

FIXTURE	TRIM	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
P81V1035K	PSWAW_AP	7.8	728	70°	93
P81V2035K	PSWAW_AP	15.8	1541	70°	98
P81V3535K	PSWAW_AP	23.8	2346	70°	99
P81V4535K	PSWAW_AP	32.3	3139	70°	97
P81V5535K	PSWAW_AP	40.8	3909	70°	96
P81V6535K	PSWAW_AP	49.7	4636	70°	93

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

FIXTURE	TRIM	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
P81V1035K	PSWAW_LRA	7.8	759	70°	97
P81V2035K	PSWAW_LRA	15.8	1607	70°	102
P81V3535K	PSWAW_LRA	23.8	2445	70°	103
P81V4535K	PSWAW_LRA	32.3	3272	70°	101
P81V5535K	PSWAW_LRA	40.8	4074	70°	100
P81V6535K	PSWAW_LRA	49.7	4832	70°	97

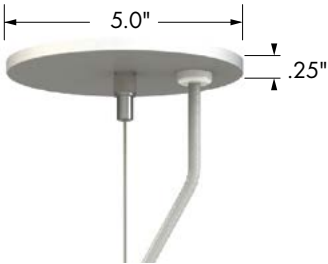
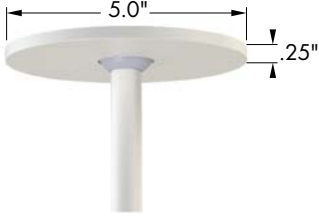

Above values reflect 3500K color temperatures

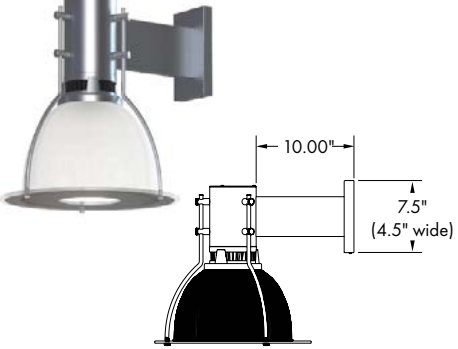
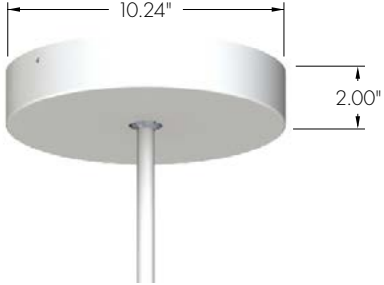
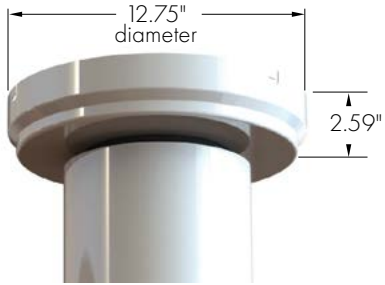
Scaling factors for other color temperatures: 2700K=0.92; 3000K=0.97; 4000K=1.01; 5000K=1.04

Scaling Factor for 90 CRI=0.83




Scaling Factor for Thrive = 0.54

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>

Conduit Canopy Options (6.31" OD x 4" H)
All conduit covers require a 1.5" deep surface junction box

Aviation Cable (CA)	Pendant Mount (CP)	Surface (CS)
	 <p>Stem kit specified separately, e.g. PKU _ _ See Page 2 for how to order. Same Description as "P" mounting. See Above.</p>	

COLOR CHART

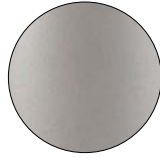
Standard Finishes (Powder Coat)



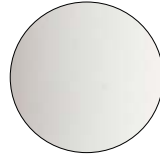
Matte Black (MB)



Bronze (BZ)



Satin Aluminum (SA)



Matte White (MW)

Special Finishes Available. Contact our sales department.

