

## APPLICATION

Suspended LED downlights for general illumination in medium to high ceiling applications such as offices, malls and retail spaces where long life and energy efficient LED operation is desirable.

## PRODUCT DATA

**REFRACTOR:** The prismatic UV stabilized acrylic refractor is an interface Reflexor® by Lexalite®. A slight frosted appearance produces a soft diffused illumination. Contact factory for optional colors.

**LENS:** Optional lenses are available to enclose the fixture, secured with metal clamp band. See options below.

**MECHANICAL:** The cylindrical housing is constructed of satin anodized aluminum extrusions, finned for optimum heat dissipation. Chrome plated steel decorative rods support decorative elements while projecting a rugged industrial appearance of the fixture.

**ELECTRICAL:** 120 to 277 VAC, 50-60 Hz.

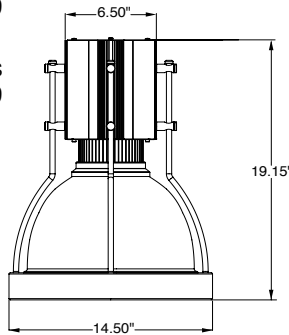
**LED MODULE & DRIVER:** Bridgelux Vero Series LED module and driver. CRI = 80. Available in 90 CRI.

**HEAT MANAGEMENT:** Engineered heat sink provides passive cooling for optimum heat management of the LED engine.

- Expected lamp life to be 50,000 hours with 70% lumen maintenance when ambient temperatures do not exceed 45°C. Lower ambient temperatures yield longer lamp life.



Listed For Damp Location



# CALIBER PLUS

ARCHITECTURAL

## SERIES P52V/PA12M/LR12A

1005 - 11,030 Lumen Pendant Downlight with Acrylic Refractor



Conical Prismatic Drop Lens



(LS12) Stepped Ring

Catalog #:

**P52LB79V**

Example: P52LB79V8035KDAS1A/ PA12M / LR12A

Fixture Series	Lumens/ Color Temp.	Dimming	Suspension	Ceiling Canopy / Cord Color	Upper Housing Finish	Options
P52LB79V	<b>10</b> = (1005L - 1026L, 8W) <b>20</b> = (2128L - 2171L, 16W) <b>30</b> = (3238L - 3304L, 25W) <b>40</b> = (4333L - 4421L, 33W) <b>50</b> = (5396L - 5506L, 41W) <b>60</b> = (6399L - 6530L, 50W) <b>70</b> = (7439L - 7591L, 63W) <b>80</b> = (9135L - 9321L, 73W) <b>90</b> = (9869L - 10,070L, 81W) <b>100</b> = (10,809L - 11,030L, 88W)	<b>DA</b> = Xitanium 0-10V 1% linear standard  See Next Page for Additional Options	<b>S</b> = Aviation Cable straight 10' cord For special length, specify in feet (ie, S16 = 16')  <b>P</b> = Pendant provision  <b>F</b> = Surface Mount  <b>W1</b> = Straight Wall Bracket  <b>PH</b> = Power Hook Increases overall height 4.5"	(for <b>S</b> mounting) 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	<b>A</b> = Anodized Aluminum  <b>W</b> = White  <b>B</b> = Black  <b>Z</b> = Bronze	<b>F</b> = Fuse  <b>1</b> = Conical Lens  <b>2</b> = Clear Flat Acrylic Lens  <b>3</b> = Clear Domed Acrylic Lens
	<b>5K</b> = 5000K <b>4K</b> = 4000K <b>35K</b> = 3500K <b>3K</b> = 3000K <b>27K</b> = 2700K  <b>C9</b> = 90 CRI					

Shade Style	Color	Decor Attachment
<b>PA12</b> = Acrylic Refractor	<b>M</b> = Frosted <b>R</b> = Red <b>B</b> = Blue <b>G</b> = Green	<b>LR12<sup>†</sup></b> = Standard Ring <b>LS12<sup>†</sup></b> = Stepped Ring

### Options

IEM<sup>®</sup> = EM Battery Pack w/ Integral Test Switch.

Special Ceiling Canopy Required. Not available in wall mount.

<sup>†</sup> Specify color: A = Anodized, B = Black, Z = Bronze, W = White

Manufactured and tested to UL#1598, UL#8750 and CSA standards. Note: Suitable for damp location.

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

Alzak® is a registered trademark of Alcoa.

Fixture:	Type:
Project:	



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LPBV21.0  
CNBCUL

**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](mailto:Sales@PathwayLighting.com)

0-10V Dimming Options	Lutron Dimming Options	DALI Dimming Options
<p><b>DA</b> = Xitanium 1% 0-10V (linear) #  <b>DB</b> = Xitanium 1% 0-10V (logarithmic) #  <b>DC</b> = EldoLED 0-10V 0% (logarithmic)*  <b>DD</b> = EldoLED 0-10V 1% (logarithmic)*  <b>DE</b> = EldoLED 0-10V 0% (linear)*  <b>DF</b> = EldoLED 0-10V 1% (linear)*  <b>DN</b> = Lumastream 0-10V .3% (log.) lumen designation 100 only  <b>DR</b> = ERP 01-10V 1% (linear) lumen designation 100 only  <b>DS</b> = Sage 0-10V 1% (linear) 347V only, max lumen designation 60  <b>DT</b> = 0-10V (linear) dim to off, max lumen designation 60</p>	<p><b>Max Lumen Designation of 40</b>  <b>DG</b> = Lutron Eco 1% (linear)  <b>DJ</b> = Lutron 2 wire 1% (linear)</p>	<p><b>Max Lumen Designation of 60</b>  <b>DK</b> = EldoLED DALI 0% (logarithmic)  <b>DL</b> = EldoLED DALI 1% (logarithmic)</p>

DMX Dimming Options	Misc. Dimming Options
<p><b>Max Lumen Designation of 40</b>  <b>RDM COMPLIANT</b>  <b>XG</b> = DMX EldoLED 0% (logarithmic)  <b>XH</b> = DMX EldoLED 0% (linear)</p>	<p><b>DM</b> = 2-Wire Forward/Reverse Phase                      (120V, max lumen designation 80)  <b>DP</b> = ERP 2-Wire Forward/Reverse Phase                      (120V, lumen designation 100 only)</p>

DMX <sup>^</sup> Dimming Options (interfaced through 0-10V driver)
<p><b>XA</b> = DMX Xitanium 1% (linear) ^ #  <b>XB</b> = DMX Xitanium 1% (logarithmic) ^ #  <b>XC</b> = DMX EldoLED 0% (logarithmic)*^  <b>XD</b> = DMX EldoLED 1% (logarithmic)*^  <b>XE</b> = DMX EldoLED 0% (linear)*^  <b>XF</b> = DMX EldoLED 1% (linear)*^  <b>XN</b> = DMX/LumaStream .3% (logarithmic) lumen desig. 100 only ^</p>

\* EldoLED options are only available on models with lumen designations 10-60.  
 ^ DMX options are not compatible with emergency battery options.  
 # Xitanium options are only available with lumen designations 10-90.

**Delivered Lumen Data - (3500K Color Temperature)**

FIXTURE	TRIM	LENS	WATTAGE	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
P52LB79V1035K	PA12M_LR12A	OPEN	8	1026	66°	128.25
P52LB79V2035K	PA12M_LR12A	OPEN	16	2171	66°	135.69
P52LB79V3035K	PA12M_LR12A	OPEN	25	3304	66°	132.16
P52LB79V4035K	PA12M_LR12A	OPEN	33	4421	66°	133.97
P52LB79V5035K	PA12M_LR12A	OPEN	41	5506	66°	134.29
P52LB79V6035K	PA12M_LR12A	OPEN	50	6530	66°	130.60
P52LB79V7035K	PA12M_LR12A	OPEN	63	7591	66°	120.49
P52LB79V8035K	PA12M_LR12A	OPEN	73	9321	66°	127.68
P52LB79V9035K	PA12M_LR12A	OPEN	81	10070	66°	124.32
P52LB79V10035K	PA12M_LR12A	OPEN	88	11030	66°	125.34
P52LB79V1035K1	PA12M	CONICAL LENS	8	1005	76°	125.63
P52LB79V2035K1	PA12M	CONICAL LENS	16	2128	76°	133.0
P52LB79V3035K1	PA12M	CONICAL LENS	25	3238	76°	129.52
P52LB79V4035K1	PA12M	CONICAL LENS	33	4333	76°	131.3
P52LB79V5035K1	PA12M	CONICAL LENS	41	5396	76°	131.61
P52LB79V6035K1	PA12M	CONICAL LENS	50	6399	76°	127.98
P52LB79V7035K1	PA12M	CONICAL LENS	63	7439	76°	118.08
P52LB79V8035K1	PA12M	CONICAL LENS	73	9135	76°	125.14
P52LB79V9035K1	PA12M	CONICAL LENS	81	9869	76°	121.84
P52LB79V10035K1	PA12M	CONICAL LENS	88	10809	76°	122.83

*Above Values reflect 3500K color temperatures.*

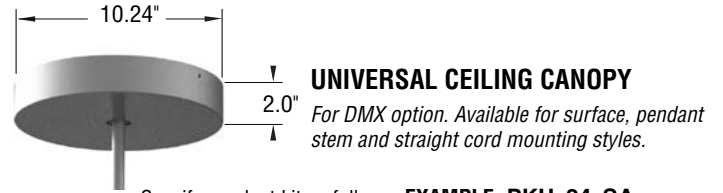
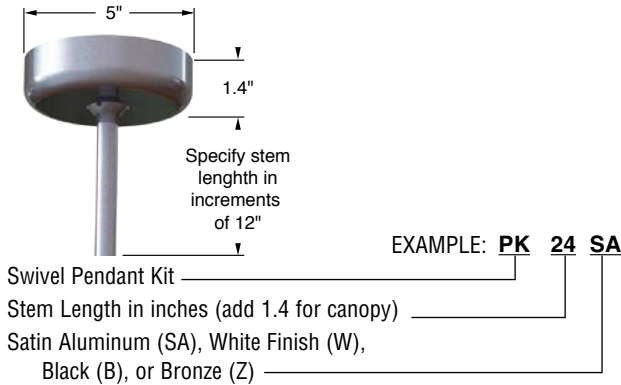
*Scaling factors for other temperatures: 2700K = .92 ; 3000K = .97 ; 4000K = 1.01 ; 5000K = 1.04*

*90 CRI = .83*

**AVAILABLE MOUNTING OPTIONS**

**STANDARD PENDANT MOUNT**

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. Specify pendant kit as follows:



Specify pendant kit as follows: **EXAMPLE: PKU 24 SA**

Swivel Pendant Kit \_\_\_\_\_

Stem Length in inches (add 2.0 for canopy) \_\_\_\_\_

Satin Aluminum (SA), White Finish,  
Black, or Bronze (Z) \_\_\_\_\_



Specify pendant kit as follows: **EXAMPLE: PKU 24 SA**

Swivel Pendant Kit \_\_\_\_\_

Stem Length in inches (add 2.6 for canopy) \_\_\_\_\_

Satin Aluminum (SA), White Finish (W),  
Black (B), or Bronze (Z) \_\_\_\_\_

