

## APPLICATION

A decorative cylinder for surface, wall, cable or pendant mount is ideal for applications that require long lamp life and energy saving benefits of LED technology.

## PRODUCT DATA

**REFLECTOR:** A primary reflector controls beam spread and is available in a variety of distributions.

**HOUSING:** Heavy-gauge aluminum cylinder housing is finished to an architectural grade with a standard exterior finish of matte white, powder coat paint. A variety of finishes are available. Custom colors upon request.

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

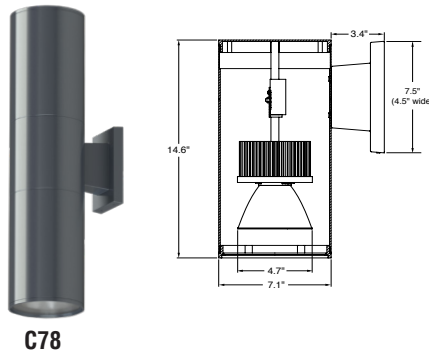
**LED MODULE:** Bridgelux Vero 29 LED engine is 80 CRI (optional 90 CRI), and is available in a variety of color temperatures.

- 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.

**HEAT MANAGEMENT:** An engineered heat sink provides passive cooling for optimum heat management of the LED engine. As an additional safety measure, and to ensure enhanced reliability, an NTC thermistor communicating with the LED driver is used to monitor the critical value of the internal operating temperature. If this temperature exceeds the recommended operating range for any reason, the light output is gradually reduced to maintain the internal operating temperature within acceptable limits. This feature will extend the life of both the LED module and driver if adverse conditions are experienced.

**DIMMING:** See below for available dimming options.  
See second page for mounting options.

### Related Product



C78

# CALIBER PLUS

ARCHITECTURAL

## SERIES C77SLB79V LED Cylinder

979 - 4055 Lumen Bridgelux Vero 29

5 Year  
Warranty

Available for Wet  
Locations Application



Pendant  
Mount

Wall Mount  
(Downlight)

Wall Mount  
(Up Light)



Damp Location Listed  
Optional Wet Location

Catalog #:

C77

Example: C77SLB79VD1535KML9D8

Fixture Series	Lamp Direction	Delivered Lumens Range	Color Temp.	Beam Dist.	Lens	Dimming
<b>Surface</b> C77SLB79V <b>Pendant<sup>^</sup></b> C77PLB79V <b>Wall</b> C77WLB79V <b>Straight Cord</b> C77A <sup>*</sup> LB79V	<b>D</b> = Downlight <b>U</b> = Up Light	<b>10</b> = (979L - 1094L, 8W) <b>15</b> = (1470L - 1643L, 13W) <b>20</b> = (1738L - 1943L, 15W) <b>25</b> = (2219L - 2480L, 19W) <b>30</b> = (2729L - 3050L, 23W) <b>35</b> = (3171L - 3544L, 27W) <b>40</b> = (3268L - 4055L, 30W)  <b>C9</b> (90 CRI)	<b>4K</b> (4000K) <b>35K</b> (3500K) <b>3K</b> (3000K) <b>27K</b> (2700K)	<b>S</b> = 21° <b>M</b> = 33° <b>W</b> = 49° <b>XW</b> = 71°	Blank - No Lens <b>L9</b> - Clear Tempered Glass Lens <sup>^</sup> <b>L5</b> - Frosted Glass Lens <sup>^</sup> <b>L7</b> - Solite Micro-Prismatic Glass Lens <sup>^</sup>	<b>D8</b> = Xitanium 0-10V 1% (linear)

<sup>^</sup> Wet location not available on pendant mounted product, lens required for wet location applications

- <sup>\*</sup> 1 = white canopy/ white cord    2 = white canopy/ black cord    9 = white canopy/ clear cord  
 3 = black canopy/ white cord    4 = black canopy/ black cord    10 = black canopy/ clear cord  
 7 = silver canopy/ white cord    8 = silver canopy/ black cord    11 = silver canopy/ clear cord

Options	Finish
<b>WL</b> = Wet Location <sup>^</sup> <b>F</b> = Fuse and Fuse Holder	blank (white) <b>SA</b> (Satin Aluminum) <b>B</b> (Black) <b>Z</b> (Bronze) <b>COLORS</b> (See Next Page)

Fixture:	Type:
Project:	

Manufactured and tested to UL#1598/8750 and CSA standards.  
 Note: Suitable for damp location.  
 All Pathway® products meet or exceed requirements as established by the National Electrical Code. Specifications subject to change without notice.



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LCBV18.0  
CUCNUA

**SERIES C77SLBV – LED Cylinder Downlight**

**MOUNTING:** (Specify when ordering.)

**Ceiling (Surface) Mount** – Provided with mounting holes for securement to 4" octagon junction box.

**Wall Mount** – Standard bracket protrudes 3.3" from wall and measures 7.5" tall by 4.5" wide. Mounts to 4" octagon junction box.

**Pendant Mount** – Swivel mount canopy allows cylinder to hang plumb up to 45° sloped ceiling stem 3/8" IPS (specify length) canopy adds 2.0" to overall length. Standard finish white powder coat. Specify Pendant Kit as follows:

**EXAMPLE: PS 24 W**

Swivel Pendant Stem Kit \_\_\_\_\_  
Stem Length in inches (add 2.0" for canopy) \_\_\_\_\_  
White Finish (W), Black (B), or Bronze (Z) \_\_\_\_\_

**Cord Mount** – Supplied with 10' straight cord. Custom lengths available. Canopy adds 2.0" to overall length



**Pendant Mount**



**Cord Mount**

**Delivered lumen/wattage data for fixtures in 3500K color temperature**

FIXTURE	CURRENT (mA)	WATTAGE	RATED LUMENS	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
C77SLB79V1035KS	200	8.0	1000	1072	21°	134
C77SLB79V1035KM	200	8.0	1000	979	33°	122
C77SLB79V1035KW	200	8.0	1000	1062	49°	133
C77SLB79V1035KXW	200	8.0	1000	1094	71°	137
C77SLB79V1535KS	300	13.0	1500	1609	21°	124
C77SLB79V1535KM	300	13.0	1500	1470	33°	113
C77SLB79V1535KW	300	13.0	1500	1595	49°	123
C77SLB79V1535KXW	300	13.0	1500	1643	71°	126
C77SLB79V2035KS	350	15.0	2000	1903	21°	127
C77SLB79V2035KM	350	15.0	2000	1738	33°	116
C77SLB79V2035KW	350	15.0	2000	1886	49°	126
C77SLB79V2035KXW	350	15.0	2000	1943	71°	130
C77SLB79V2535KS	450	19.0	2500	2429	21°	128
C77SLB79V2535KM	450	19.0	2500	2219	33°	117
C77SLB79V2535KW	450	19.0	2500	2407	49°	127
C77SLB79V2535KXW	450	19.0	2500	2480	71°	131
C77SLB79V3035KS	550	23.0	3000	2987	21°	130
C77SLB79V3035KM	550	23.0	3000	2729	33°	119
C77SLB79V3035KW	550	23.0	3000	2961	49°	129
C77SLB79V3035KXW	550	23.0	3000	3050	71°	133
C77SLB79V3535KS	650	27.0	3500	3471	21°	129
C77SLB79V3535KM	650	27.0	3500	3171	33°	117
C77SLB79V3535KW	650	27.0	3500	3440	49°	127
C77SLB79V3535KXW	650	27.0	3500	3544	71°	131
C77SLB79V4035KS	750	30.0	4000	3972	21°	132
C77SLB79V4035KM	750	30.0	4000	3628	33°	121
C77SLB79V4035KW	750	30.0	4000	3736	49°	125
C77SLB79V4035KXW	750	30.0	4000	4055	71°	135

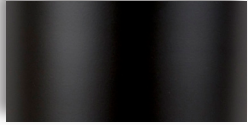
Above values reflect 3500K color temperatures.

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

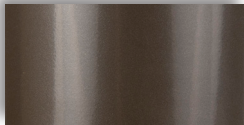
Scaling for 90 CRI = 0.83

**COLOR CHART**

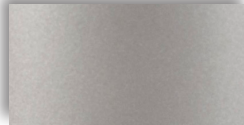
**Standard Finishes (Powder Coat)**



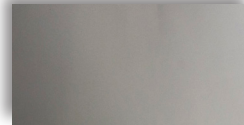
Matte Black (MB)



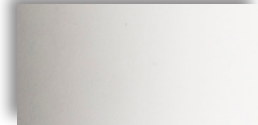
Bronze (BZ)



Satin Aluminum (SA)



Metallic Aluminum (MA)

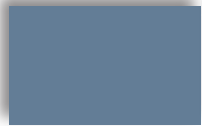


Matte White (MW)

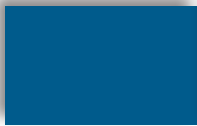
**Special Finishes (Powder Coat)**

*Specify color followed by finish: 1 = Matte; 2 = Semi-Gloss; 3 = Gloss*

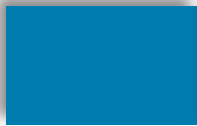
*Example: BA1*



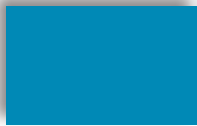
Blue Gray (BA)  
(RAL #5014)



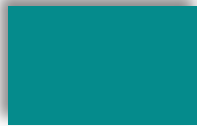
Royal Blue (BB)  
(RAL #5017)



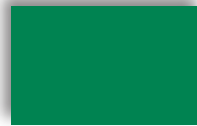
Medium Blue (BC)  
(RAL #5015)



Sky Blue (BD)  
(RAL #5012)



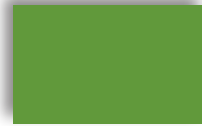
Turquoise (BE)  
(RAL #5018)



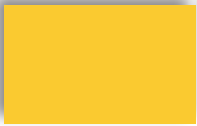
Forest Green (GA)  
(RAL #6024)



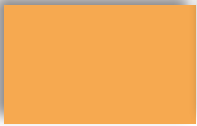
Leaf Green (GB)  
(RAL #6037)



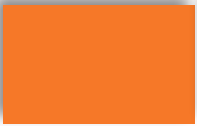
Green Apple (GC)  
(RAL #6018)



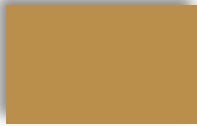
Yellow (YA)  
(RAL #1018)



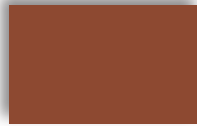
Orange Yellow (YB)  
(RAL #1017)



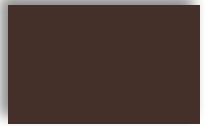
Orange (OA)  
(RAL #2003)



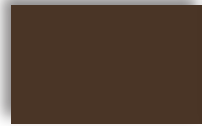
Yellow Ochre (OB)  
(RAL #1024)



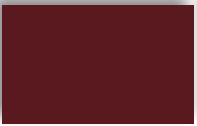
Burnt Umber (RA)  
(RAL #8004)



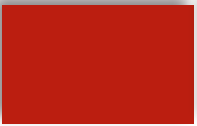
Cinnamon (RB)  
(RAL #8017)



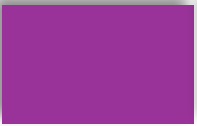
Burnt Sienna (RC)  
(RAL #8014)



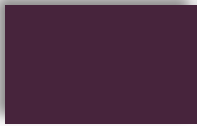
Brick Red (RD)  
(RAL #3005)



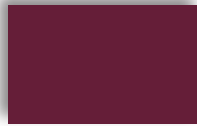
Cadmium Red (RE)  
(RAL #3020)



Magenta (PB)  
(RAL #4008)



Violet (PC)  
(RAL #4007)



Pinot Noir (PA)  
(RAL # 4004)

*Custom finishes and colors available on request.*