

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.

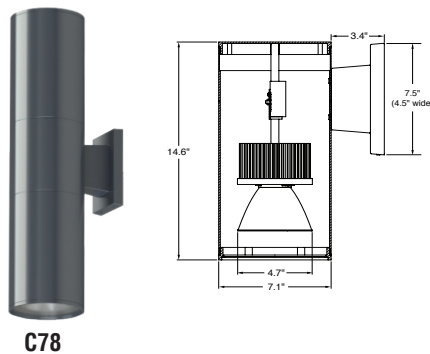
LED MODULE: Bridgelux Vero 29 LED engine is 80 CRI (optional 90 CRI), and is available in a variety of color temperatures.

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

| Options | Finish |
|--|---|
| WL = Wet Location [^] F = Fuse and Fuse Holder | blank (white) SA (Satin Aluminum) B (Black) Z (Bronze) COLORS (See Next Page) |

[^] Wet location not available on pendant mounted product, lens required for wet location applications

- ^{*} 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

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.

| | |
|----------|-------|
| Fixture: | Type: |
| Project: | |



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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

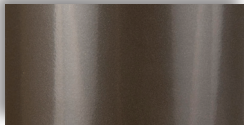
Scaling for 90 CRI = 0.83

COLOR CHART

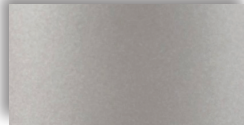
Standard Finishes (Powder Coat)



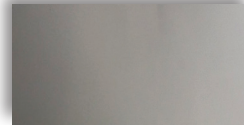
Matte Black (MB)



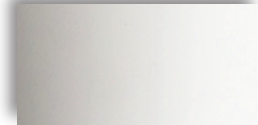
Bronze (BZ)



Satin Aluminum (SA)



Metallic Aluminum (MA)

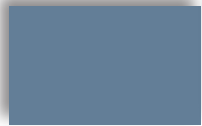


Matte White (MW)

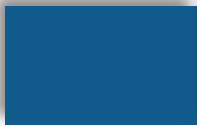
Special Finishes (Powder Coat)

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

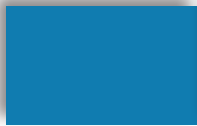
Example: BA1



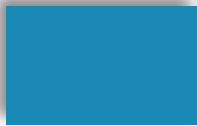
Blue Gray (BA)
(RAL #5014)



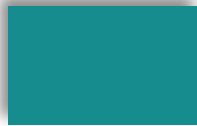
Royal Blue (BB)
(RAL #5017)



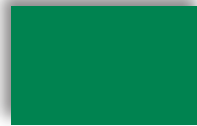
Medium Blue (BC)
(RAL #5015)



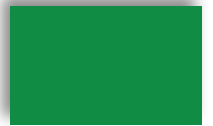
Sky Blue (BD)
(RAL #5012)



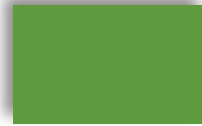
Turquoise (BE)
(RAL #5018)



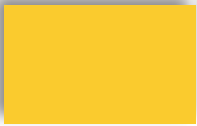
Forest Green (GA)
(RAL #6024)



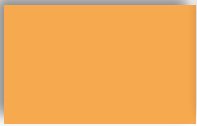
Leaf Green (GB)
(RAL #6037)



Green Apple (GC)
(RAL #6018)



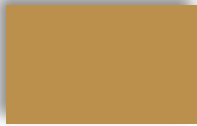
Yellow (YA)
(RAL #1018)



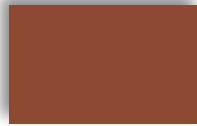
Orange Yellow (YB)
(RAL #1017)



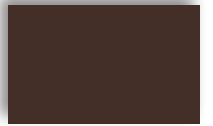
Orange (OA)
(RAL #2003)



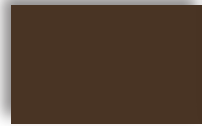
Yellow Ochre (OB)
(RAL #1024)



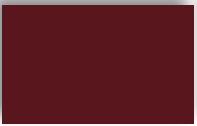
Burnt Umber (RA)
(RAL #8004)



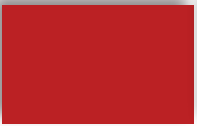
Cinnamon (RB)
(RAL #8017)



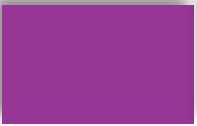
Burnt Sienna (RC)
(RAL #8014)



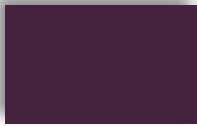
Brick Red (RD)
(RAL #3005)



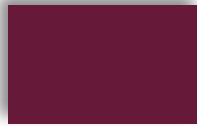
Cadmium Red (RE)
(RAL #3020)



Magenta (PB)
(RAL #4008)



Violet (PC)
(RAL #4007)



Pinot Noir (PA)
(RAL # 4004)

Custom finishes and colors available on request.