HL SERIES

SERIES C81/C85WL
Wet Location LED Cylinders
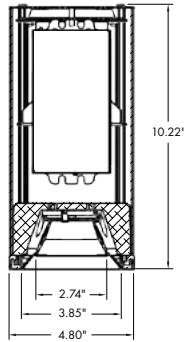### 633-3897 Lumens

C81 Wet Location
(633-3897 lumen)

C85 Wet Location
(633-2954 lumens)
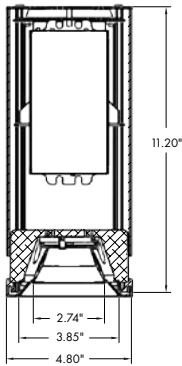
APPLICATION

A decorative cylinder lighting fixture is ideal for wet location applications that require the long lamp life and energy savings benefits of LED technology.

FEATURES AND BENEFITS

- Architectural aluminum cylinder housing with powder coat finish.
- Model with exposed heat sink features enhanced cooling and higher lumen output.
- Standard wet location with lens.
- Mounting options include: Pendant Stem, Wall, and Surface.
- Wall wash option available for wall grazing or forward-throw (Type 2) applications.
- Primary reflectors provide a variety of beam distributions and can be interchanged in the field if necessary.
- 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
- Standard 0-10V 1% dimming.
- 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)

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 include small 0.25", easy driver replacement, and longer driver life due to reduced exposure to the heat of the LED engine. **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**

C81
11.20"
2.74"
3.85"
4.80"
C81
weight: 3.9lbs

C85
10.22"
2.74"
3.85"
4.80"
C85
weight: 3.9lbs

ETL LISTED
Intertek
Wet Location

WET LOCATION

MADE IN USA

PATHWAY LIGHTING

CALIBER PLUS
ARCHITECTURAL

Catalog #:
Example: C81WV1035ML5DWWLSA

Fixture Series	Mounting	Driver	Delivered Lumens	Color Temp	Beam Distribution
C81 = Exposed Heat Sink **C85** = Solid Body	**W** = Wall Mount **P** = Pendant Mount **S** = Surface Mount	**V** = On Board Driver	**10** = 633L - 1013L, 7.8W **20** = 1146L - 2015L, 15.8W **30** = 1671L - 2954L, 23.8W **40**[1] = 2171L - 3897L, 32.3W **9** = 90 CRI	**5** = 5000K **4** = 4000K **35** = 3500K **3** = 3000K **27** = 2700K	**N** = 35° **M** = 50° **W** = 70° **G1**[2] = Wall Wash **G2**[2] = Forward Throw (Type 2)

Lens	Dimming	Style	Finish	Heat Sink Finish	Options
L5 = Frosted Glass Lens **L7** = Solite Micro-Prismatic Glass Lens **L9** = Clear Tempered Glass Lens (standard) *Lens required for wet location applications.*	**Max Lumen Designation of 30 for C85, 40 for C81** **DW** = 0-10V 10% (linear) **Max Lumen Designation of 30** **DW1** = 0-10V 1% (linear)	**WL** = Wet Location	**MW** = Matte White **SA** = Satin Aluminum **MB** = Matte Black **BZ** = Bronze **COLORS** (See Last Page)	**Blank** = Matte Black **1** = Matte White **2** = Satin Aluminum **3** = Bronze **M** = Match Cylinder Housing	**F** = Fuse and Fuse Holder

[1] *Not available in C85 model*
[2] *Wall wash option can only be used with clear lens (L9). Consult delivered lumens table for reduced lumen output.*

Stem Kit Specification:
Example: RP24SA

Pendant Stem	Stem Length	Finish
RP = Rigid 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

See page 5 for more information on mounting styless.

Fixture:	Type:
Project:	

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Data based on C81 fixture with 3500K Color Temperature

FIXTURE	WATTAGE	RATED LUMENS	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
C81SV1035N	7.8	1000	986	35°	126
C81SV1035M	7.8	1000	990	50°	127
C81SV1035W	7.8	1000	1013	70°	130
C81SV1035G	7.8	1000	633	100°	81
C81SV2035N	15.8	2000	1962	35°	124
C81SV2035M	15.8	2000	1969	50°	125
C81SV2035W	15.8	2000	2015	70°	128
C81SV2035G	15.8	2000	1146	100°	73
C81SV3035N	23.8	3000	2876	35°	121
C81SV3035M	23.8	3000	2886	50°	121
C81SV3035W	23.8	3000	2954	70°	124
C81SV3035G	23.8	3000	1671	100°	70
C81SV4035N	32.3	4000	3795	35°	117
C81SV4035M	32.3	4000	3807	50°	118
C81SV4035W	32.3	4000	3897	70°	121
C81SV4035G	32.3	4000	2171	100°	67

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

Data based on C85 fixture with 3500K Color Temperature

FIXTURE	WATTAGE	RATED LUMENS	DELIVERED LUMENS	BEAM DISTRIBUTION	LPW
C85SV1035N	7.8	1000	986	35°	126
C85SV1035M	7.8	1000	990	50°	127
C85SV1035W	7.8	1000	1013	70°	130
C85SV1035G	7.8	1000	633	100°	81
C85SV2035N	15.8	2000	1962	35°	124
C85SV2035M	15.8	2000	1969	50°	125
C85SV2035W	15.8	2000	2015	70°	128
C85SV2035G	15.8	2000	1146	100°	73
C85SV3035N	23.8	3000	2876	35°	121
C85SV3035M	23.8	3000	2886	50°	121
C85SV3035W	23.8	3000	2954	70°	124
C85SV3035G	23.8	3000	1671	100°	70

Above values reflect 3500K color temperatures
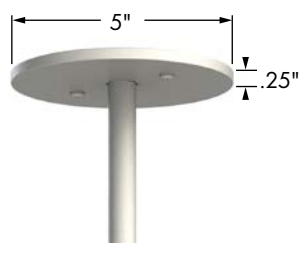*Scaling factors for other color temperatures: 2700K=0.92; 3000K=0.97; 4000K=1.01; 5000K=1.04*
*Scaling Factor for 90 CRI=0.83*

MOUNTING CONFIGURATIONS

RIGID STEM PENDANT KIT

EXAMPLE: RP 24 SA

Rigid Pendant Kit
Does not swivel. Not suitable for sloped ceilings.

Stem Length in inches (add 1.4 for canopy)

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

5"

.25"

SURFACE MOUNT (S)

.28"

Provided with mounting holes for securement to 4" octagon junction box. Canopy adds .28" to overall height. Available on wet location models.

3.30"

7.5"
(4.5" wide)
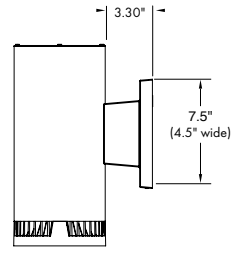
WALL MOUNT (W)

Standard bracket extends 3.21" from wall. Mounts to 4" octagon junction box. DMX wall bracket extends 5.18". Available on wet location models.
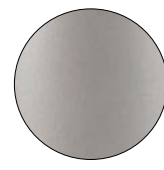
COLOR CHART

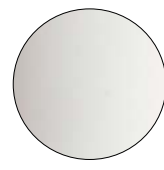### Standard Finishes (Powder Coat)

Matte Black (MB)

Bronze (BZ)

Satin Aluminum (SA)

Matte White (MW)

Special Finishes Available. Contact our sales department.

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