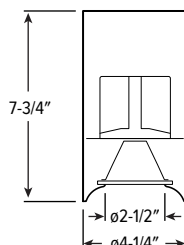


# W4CR<sup>LED</sup> 4" Wet Location Compact Cylinder – Round



CATALOG #: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_



TwistLock™

## FEATURES

- Sleek architectural form delivers refined, high-performance outdoor illumination
- Slim profile enables precise light control, highlighting facades and design details
- Compact build saves space in tight installations and low-clearance areas
- Versatile pendant, wall, and canopy-mount maximize application flexibility
- Durable aluminum housing and die-cast trim engineered for year-round exposure
- Sealed IP66-rated design guards internal components from water, dust, and debris
- Simple lift-and-twist surface and pendant mount secures trim skirt to junction box
- Beam angles ranging from 21° spot to 56° wide for tailored performance
- Pairs with Williams indoor cylinders for seamless exterior-to-interior continuity
- Maximize energy savings with efficacies up to 126 lm/W
- Made Right Here® in the USA

## SPECIFICATIONS

- **HOUSING** – Extruded aluminum with die-cast aluminum accent ring.
- **FINISH** – Super durable polyester powder coat bonded to phosphate-free, multi-stage pretreated metal, meets and exceeds AAMA 2604 specifications for outdoor durability. Salt spray tested, 3,000 hours (ASTM B117).
- **TRIM** – Die-cast aluminum frame with micro-prismatic, glass lens.
- **ELECTRICAL** – High-performance Class 2 C.O.B. LED array. Modular quick-connect plug for easy field-connection of LED light assembly to driver. Estimated L70>105,000 hours. 50/60 Hz, THD <10%. Rated -10°C to 40°C ambient operating temperature (-30°C with LA option; 0°C to 40°C with standard EM battery).
- **MOUNTING** – Surface, pendant, or wall mount.
- **LISTINGS** –
  - cCSAus conforms to UL STD 1598 and UL STD 8750. Certified to CAN/CSA STD C22.2 No. 250.2-20. Suitable for wet locations.
  - ANSI/UL Standard 2108
  - IP66 rated
  - Complies with the Buy American Act and other federal regulations. Request certification at [hew.com/buy-american](http://hew.com/buy-american)
- **WARRANTY** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty)

## ORDERING EXAMPLE: W4CR - 08 - L20/835 - OPTIONS - WHT - DIM - UNV - W - WM

SERIES	HEIGHT	LUMENS <sup>[1]</sup>	CRI	CCT	OPTIONS <sup>[2]</sup>
W4CR	08 8"	L10 1,000lm	8 80	27 2700K	EM/10WRM/IPRTS Remote mount 10-watt emergency battery with IP65 rated regressed test switch <sup>[3]</sup> -30°C low ambient operating temperature <sup>[4]</sup> Remote mount control/driver box, galvanized steel <sup>[5]</sup> Additional lower lumen packages available <sup>[6]</sup> Example: 1,800 lumens = W4CR-08-L20/835-(L18)
		L15 1,500lm	9 90	30 3000K	
		L20 2,000lm		35 3500K	
		L25 2,500lm		40 4000K 50 5000K	
					LA Remote mount control/driver box, galvanized steel <sup>[5]</sup> RDB Remote mount control/driver box, galvanized steel <sup>[5]</sup> (L__)

HOUSING FINISH <sup>[7]</sup>	DRIVER	VOLTAGE	DISTRIBUTION
BLK Black (RAL #9004)	See page 2 for ADDITIONAL DRIVER OPTIONS.	UNV 120-277V	W 56° Wide
DBZ Dark bronze		347 347V <sup>[8]</sup>	M 40° Medium
DBR Medium bronze	DIM Dimming driver, 0-10V		N 30° Narrow
GRAY Standard gray	DIM1 1% Dimming driver, 0-10V		S 21° Spot
GRN Green (RAL #6005)			
SLV Satin aluminum (RAL #9006)			
WHT White (RAL #9003)			

## MOUNTING<sup>[9]</sup>

RDB Option required with surface and pendant mount.

### Recessed J-Box

WM	Wall mount to recessed J-box <sup>[10]</sup>
SM	Surface mount to recessed J-box <sup>[11]</sup>
PM__	Pendant mount to recessed J-box <sup>[12]</sup> Specify length in 1" increments, minimum 6". Example: 24" pendant = PM24

### Surface J-Box with Conduit Entry Cover

WMS	Wall mount to surface J-box <sup>[13]</sup>
SMS	Surface mount to surface J-box <sup>[14]</sup>
PMS__	Pendant mount to surface J-box <sup>[15]</sup> Specify length in 1" increments, minimum 6". Example: 24" pendant = PMS24

## NOTES

- <sup>1</sup> Lumen output based on W Distribution and 80 CRI/3500K CCT. Actual performance may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- <sup>2</sup> See page 2 for EMERGENCY BATTERY DETAILS. All EM batteries are California Energy Commission (CEC) Compliant.
- <sup>3</sup> Max remote distance 50', including suspension length. Large remote box provided.
- <sup>4</sup> RDB Option required. Only available with DIM Driver. Not available with EM/10WRM/IPRTS Option.
- <sup>5</sup> Painted driver box available, specify RDB/BLK or RDB/WHT. Required when specified with pendant or surface mounting.
- <sup>6</sup> Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- <sup>7</sup> See page 3 for HOUSING FINISH DETAILS.
- <sup>8</sup> Not available with EM batteries or DMX drivers.
- <sup>9</sup> See page 3 for MOUNTING DETAILS. RDB Option required with surface and pendant mount.
- <sup>10</sup> 4" square galvanized J-box, by others. Driver restrictions may apply. See page 2 for ADDITIONAL DRIVER OPTIONS.
- <sup>11</sup> 4" octagonal galvanized J-box, by others.
- <sup>12</sup> Canopy and pendant match fixture housing color unless specified otherwise. 4" octagonal galvanized J-box, by others.
- <sup>13</sup> 4" round cast aluminum weatherproof J-box, by others.
- <sup>14</sup> 4" round cast aluminum weatherproof J-box, by others.
- <sup>15</sup> Canopy and pendant match fixture housing color unless specified otherwise. 4" round cast aluminum weatherproof J-box, by others.



# W4CR<sup>LED</sup> 4" Wet Location Compact Cylinder – Round

## FIXTURE PERFORMANCE DATA

	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L10	W	1061	9.8	108
	M	1043	9.8	106
	N	1106	9.8	113
	S	1161	9.8	118
L15	W	1564	13.6	115
	M	1538	13.6	113
	N	1630	13.6	120
	S	1712	13.6	126
L20	W	2087	18.1	115
	M	2051	18.1	113
	N	2173	18.1	120
	S	2283	18.1	126
L25	W	2590	23.1	112
	M	2546	23.1	110
	N	2698	23.1	117
	S	2833	23.1	123

## MULTIPLIER TABLE

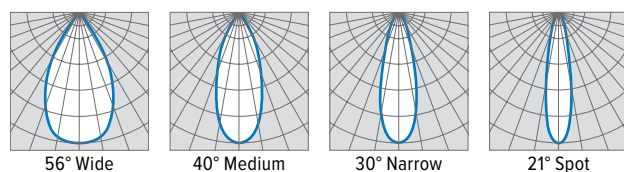
COLOR TEMPERATURE	
CCT	CONVERSION FACTOR
2700K	0.98
3000K	1.00
3500K	1.00
4000K	1.01
5000K	0.99

CCT	CONVERSION FACTOR
2700K	0.94
3000K	0.96
3500K	0.97
4000K	0.97
5000K	0.95

- Photometrics tested in accordance with IESNA LM-79. Results based on W Distribution and 80 CRI/3500K CCT, average wattage for 120V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.

## DISTRIBUTION CURVES



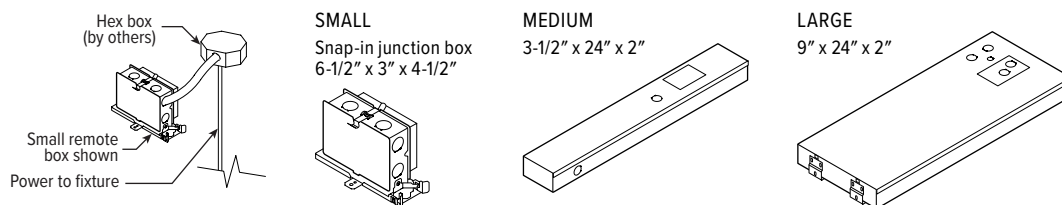
## ADDITIONAL DRIVER OPTIONS

DRIVER	DESCRIPTION	RDB DETAILS BY LUMEN STOP				
		L10	L15	L20	L25	10W EM
DIM	Dimming driver prewired for 0-10V low voltage applications	R   S	R   S	R   S	R   S	R   L
DIM1	1% dimming driver prewired for 0-10V low voltage applications	R   S	R   S	R   S	R   S	R   L
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible at 120V only)	–	R   S	R   S	R   S	R   L
DMX	0.1% dimming driver for DMX controls	R   M	R   M	R   M	R   M	R   L
DALI	DALI dimming driver	R   M	R   M	R   M	R   M	R   L
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver	R   M	R   M	R   M	R   M	R   L

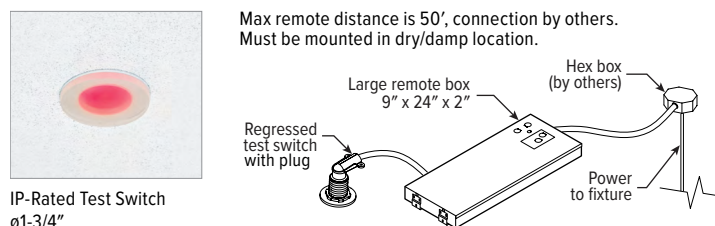
REMOTE MOUNT KEY	
R   S	RDB Required, Small Box
R   S	RDB Required, Small Box (optional with wall mount)
R   M	RDB Required, Medium Box
R   L	RDB Required, Large Box

## REMOTE MOUNT DETAILS

Max remote distance is 50' including suspension length, connection by others. Must be room-side accessible and mounted in dry/damp location.




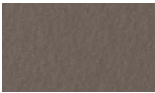




## EMERGENCY BATTERY DETAILS



# W4CR<sup>LED</sup> 4" Wet Location Compact Cylinder – Round

## HOUSING FINISH DETAILS

WHITE	BLACK	GREEN	MEDIUM BRONZE	DARK BRONZE	SATIN ALUMINUM GRAY
					

For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require four sample swatches, minimum 1" square.

## MOUNTING DETAILS

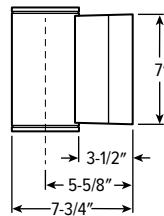
### WALL MOUNT

WM



Secures to 4" square galvanized recessed J-box, by others

Side View

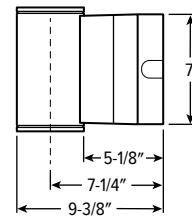


WMS

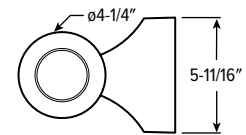


Secures to 4" round cast aluminum weatherproof J-box, by others

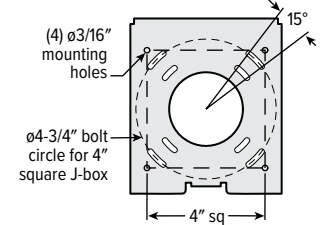
Side View



TOP VIEW



ADAPTOR

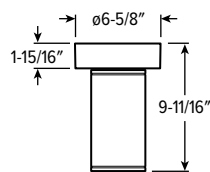


### SURFACE MOUNT

SM



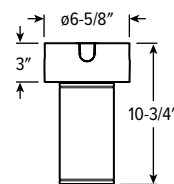
Secures to 4" octagonal galvanized recessed j-box, by others



SMS



Secures to 4" round cast aluminum weatherproof J-box, by others



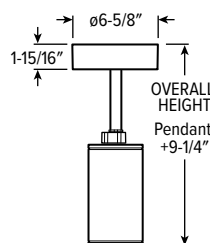
### PENDANT MOUNT

Provided with 1/2" IPS Threaded stem. Specify length of stem, 6" minimum, 24" default length.

PM\_\_



Secures to 4" octagonal galvanized recessed j-box, by others



PMS\_\_



Secures to 4" round cast aluminum weatherproof J-box, by others

