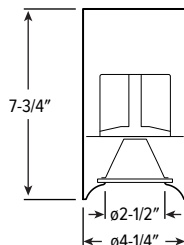


W4CR^{LED} 4" Wet Location Compact Cylinder – Round



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 IP-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. 0°C to 40°C with 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
- **WARRANTY** – 5-year limited warranty, see hew.com/warranty

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

SERIES	HEIGHT	LUMENS ^[1]	CRI	CCT	OPTIONS
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 ^[2]
		L15 1,500lm	9 90	30 3000K	
		L20 2,000lm		35 3500K	RDB Remote mount control/driver box, galvanized steel ^[3]
		L25 2,500lm		40 4000K	
				50 5000K	(L___) Additional lower lumen packages available ^[4] Example: 1,800 lumens = W4CR-08-L20/835-(L18)

HOUSING FINISH^[5]

BLK	Black (RAL #9004)
DBZ	Dark bronze
DBR	Medium bronze
GRAY	Standard gray
GRN	Green (RAL #6005)
SLV	Satin aluminum (RAL #9006)
WHT	White (RAL #9003)

DRIVER

See page 2 for **ADDITIONAL DRIVER OPTIONS**.
DIM Dimming driver, 0-10V
DIM1 1% Dimming driver, 0-10V

VOLTAGE

UNV 120-277V
347 347V^[6]

DISTRIBUTION

W 56° Wide
M 40° Medium
N 30° Narrow
S 21° Spot

MOUNTING^[7]

RDB Option required with surface and pendant mount.

Recessed J-Box

WM	Wall mount to recessed J-box ^[8]
SM	Surface mount to recessed J-box ^[9]
PM	Pendant mount to recessed J-box ^[10] Specify length in 1" increments, minimum 6". Example: 24" pendant = PM24

Surface J-Box

SMS	Surface mount to surface J-box ^[11]
PMS	Pendant mount to surface J-box ^[12] Specify length in 1" increments, minimum 6". Example: 24" pendant = PMS24

NOTES

- 1 Lumen output based on W Distribution and 80 CRI/3500K CCT. Actual performance may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- 2 Max remote distance 50', including suspension length. Large remote box provided. See page 2 for EMERGENCY BATTERY DETAILS. California Energy Commission (CEC) Compliant.
- 3 Painted driver box available, specify RDB/BLK or RDB/WHT. Required when specified with pendant or surface mounting.
- 4 Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- 5 See page 3 for HOUSING FINISH DETAILS.

- 6 Not available with EM batteries or DMX drivers.
- 7 See page 3 for MOUNTING DETAILS. RDB Option required with surface and pendant mount.
- 8 4" square galvanized J-box, by others. Driver restrictions may apply. See page 2 for ADDITIONAL DRIVER OPTIONS.
- 9 4" octagonal galvanized J-box, by others.
- 10 Canopy and pendant match fixture housing color unless specified otherwise. 4" octagonal galvanized J-box, by others.
- 11 4" round cast aluminum weatherproof J-box, by others.
- 12 Canopy and pendant match fixture housing color unless specified otherwise. 4" round cast aluminum weatherproof J-box, by others.



W4CR LED

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

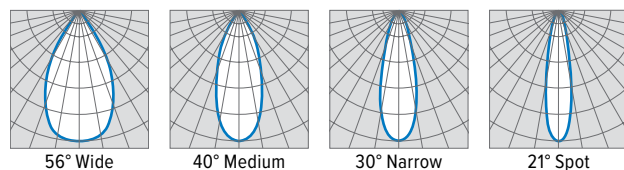
MULTIPLIER TABLE

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

80 CRI	
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



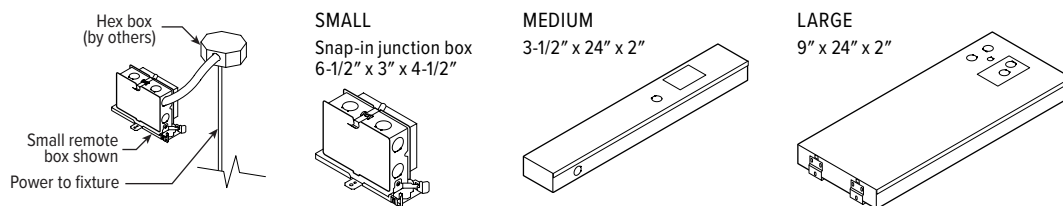
ADDITIONAL DRIVER OPTIONS

DRIVER	DESCRIPTION	RDB DETAILS BY LUMEN STOP					REMOTE MOUNT KEY	
		L10	L15	L20	L25	10W EM		
DIM	Dimming driver prewired for 0-10V low voltage applications	R S	R S ^[1]	R S ^[1]	R S ^[1]	R L	O S	RDB Optional, Small Box
DIM1	1% dimming driver prewired for 0-10V low voltage applications	R S	R S ^[1]	R S ^[1]	R S ^[1]	R L		
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible at 120V only)	—	R S ^[1]	R S ^[1]	R S ^[1]	R L	R M	RDB Required, Medium Box
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	R L	RDB Required, Large Box

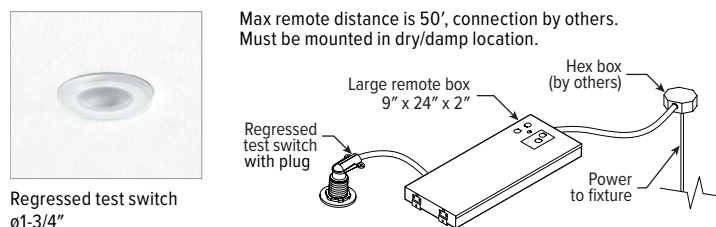
¹ Optional when specified with WM Mounting Type.

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.




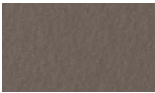




EMERGENCY BATTERY DETAILS



W4CR^{LED} 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.

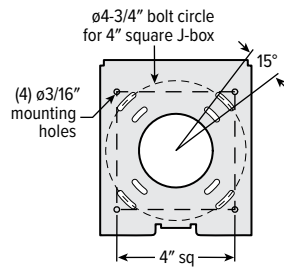
MOUNTING DETAILS

WALL MOUNT

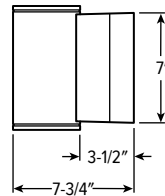
WM



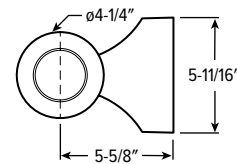
Adaptor



Side View



Top View

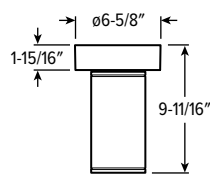


SURFACE MOUNT

SM



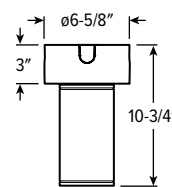
Secures to 4" octagonal galvanized recessed j-box, by others



SMS



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



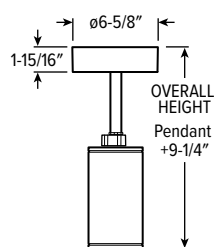
PENDANT MOUNT

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" octagonal galvanized surface j-box, by others

