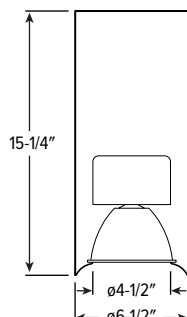


W6CR^{LED} 6.5" Wet Location Cylinder – Round



CATALOG #: _____

TYPE: _____

PROJECT: _____



TwistLock™

FEATURES

- Sleek architectural form delivers refined, high-performance outdoor illumination
- Bold profile creates a strong visual statement across large exterior surfaces
- 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 13° spot to 64° wide for tailored performance
- Pairs with Williams indoor cylinders for seamless exterior-to-interior continuity
- Maximize energy savings with efficacies up to 116 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 batteries).
- **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.
 - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at hew.com/buy-american
- **WARRANTY** – 5-year limited warranty, see hew.com/warranty

ORDERING EXAMPLE: W6CR - 15 - L20/835 - OPTIONS - WHT - DIM - UNV - W - WM

SERIES	HEIGHT	LUMENS ^[1]	CRI	CCT	OPTIONS ^[2]	
W6CR	15 15"	Integral Driver ^[3]	8 80	27 2700K	EM/7W	7-watt emergency battery ^[5]
		L10 1,000lm	9 90	30 3000K	EM/10WRM/IPRTS	Remote mount 10-watt emergency battery with IP65 rated regressed test switch ^[6]
		L20 2,000lm		35 3500K	LA	-30°C low ambient operating temperature ^[7]
		L30 3,000lm		40 4000K	RDB	Remote mount control/driver box, galvanized steel
		L40 4,000lm		50 5000K	PC	Factory-installed button-style photocell ^[8]
		L50 5,000lm			(L__)	Additional lower lumen packages available ^[9]
		L60 6,000lm				Example: 1,500 lumens = W6CR-15-L20/835-(L15)
		Remote Driver ^[4]				
		L70 7,000lm				

HOUSING FINISH^[10]

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

VOLTAGE

UNV 120-277V
 347 347V^[11]

DISTRIBUTION

W 64° Wide
 M 35° Medium
 N 23° Narrow
 S 13° Spot

MOUNTING^[12]

Recessed J-Box

WM	Wall mount to recessed J-box ^[13]
SM	Surface mount to recessed J-box ^[14]
PM__	Pendant mount to recessed J-box ^[15] 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 ^[16]
SMS	Surface mount to surface J-box ^[17]
PMS__	Pendant mount to surface J-box ^[18] 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 See page 3 for EMERGENCY BATTERY DETAILS. All EM batteries are California Energy Commission (CEC) Compliant.
- 3 Restrictions apply. See page 3 for ADDITIONAL DRIVER OPTIONS.
- 4 Must specify with RDB Option.
- 5 Only available with L10 – L40 lumen packages and DIM, DIM1 and DIM LINE drivers.
- 6 Max remote distance 50', including suspension length. Large remote box provided.
- 7 Only available with DIM Driver. Not available with EM/7W or EM/10WRM/IPRTS Options.
- 8 Not available with 347V or EM batteries.

- 9 Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- 10 See page 2 for HOUSING FINISH DETAILS.
- 11 Not available with EM batteries or DMX driver.
- 12 See page 4 for MOUNTING DETAILS.
- 13 4" square galvanized J-box, by others.
- 14 4" octagonal galvanized J-box, by others.
- 15 Canopy and pendant match fixture housing color unless specified otherwise. 4" octagonal galvanized J-box, by others.
- 16 4" round cast aluminum weatherproof J-box, by others.
- 17 4" round cast aluminum weatherproof J-box, by others.
- 18 Canopy and pendant match fixture housing color unless specified otherwise. 4" round cast aluminum weatherproof J-box, by others.



H.E. Williams, Inc.

Carthage, Missouri

www.hew.com

417-358-4065

Designed and Manufactured in the USA

Information contained herein is subject to change without notice.

REV.07/10/26.LM

Cylinders
Page 1 of 4

W6CR LED

6.5" Wet Location Cylinder – Round

FIXTURE PERFORMANCE DATA

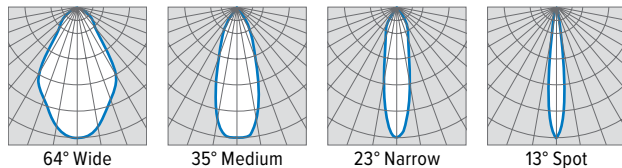
	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L10	W	1081	10.1	107
	M	986	10.1	98
	N	958	10.1	95
	S	1068	10.1	106
L20	W	2169	20.1	108
	M	1978	20.1	98
	N	1922	20.1	96
	S	2143	20.1	107
L30	W	3077	27.0	114
	M	2806	27.0	104
	N	2753	27.0	102
	S	3049	27.0	113
L40	W	4045	36.7	110
	M	3685	36.7	100
	N	3620	36.7	99
	S	4008	36.7	109
L50	W	5173	45.0	115
	M	4666	45.0	104
	N	4588	45.0	102
	S	5116	45.0	114
L60	W	6241	53.6	116
	M	5630	53.6	105
	N	5536	53.6	103
	S	6172	53.6	115
RDB OPTION REQUIRED				
L70	W	7021	63.7	110
	M	6333	63.7	99
	N	6195	63.7	97
	S	6944	63.7	109

MULTIPLIER TABLE

COLOR TEMPERATURE		
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.98
	3000K	1.00
	3500K	1.00
	4000K	1.01
	5000K	0.99
90 CRI	2700K	0.93
	3000K	0.95
	3500K	0.96
	4000K	0.97
	5000K	0.94

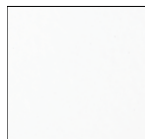
- Photometrics tested in accordance with IESNA LM-79. Results based on W Distribution and 80 CRI/3500K CCT, average wattage for 120V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use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

DISTRIBUTION CURVES

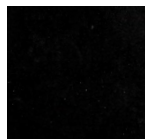


HOUSING FINISH DETAILS

WHITE



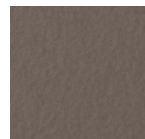
BLACK



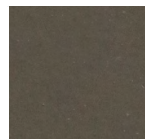
GREEN



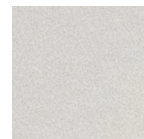
MEDIUM BRONZE



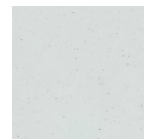
DARK BRONZE



SATIN ALUMINUM



GRAY



RAL# _____



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.

SEE NEXT PAGE FOR DRIVER DETAILS



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Cylinders
Page 2 of 4

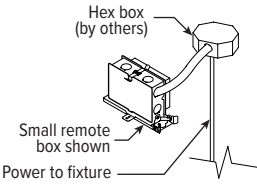
W6CR LED 6.5" Wet Location Cylinder – Round

ADDITIONAL DRIVER OPTIONS

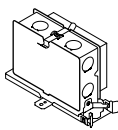
DRIVER	DESCRIPTION	RDB DETAILS BY LUMEN STOP							
		L10	L20	L30	L40	L50	L60	L70	10W EM
DIM	Dimming driver prewired for 0-10V low voltage applications	O S	O S	O S	O M	O M	O M	R M	R L
DIM1	1% dimming driver prewired for 0-10V low voltage applications	O S	O S	O S	O M	O M	O M	R M	R L
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible at 120V only)	—	O S	O S	O M	O M	O M	—	R L
DMX	0.1% dimming driver for DMX controls	R M	R M	R M	R M	R M	R M	—	R L
DALI	DALI dimming driver	O M	O M	O M	O M	O M	—	—	R L
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver	O M	O M	O M	O M	—	—	—	R L

REMOTE MOUNT DETAILS

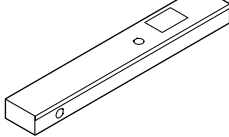
Max remote distance is 50' including suspension length, connection by others. Must be room-side accessible and mounted in dry/damp location.



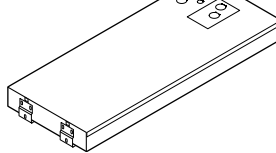
SMALL
Snap-in junction box
6-1/2" x 3" x 4-1/2"



MEDIUM
3-1/2" x 24" x 2"



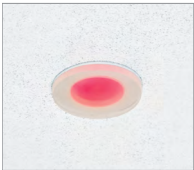
LARGE
9" x 24" x 2"



REMOTE MOUNT KEY	
O S	RDB Optional, Small Box
O M	RDB Optional, Medium Box
R M	RDB Required, Medium Box
R L	RDB Required, Large Box

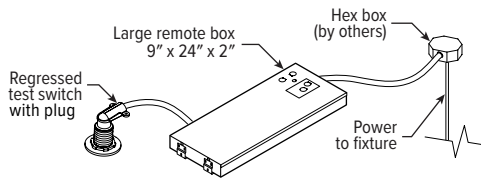
EMERGENCY BATTERY DETAILS

REMOTE MOUNT



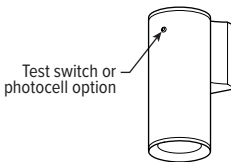
IP-Rated Test Switch
ø1-3/4"

Max remote distance is 50', connection by others.
Must be mounted in dry/damp location.



INTEGRAL

Test switch or photocell option located 2-3/8" from top of cylinder. Wall mount shown.



SEE NEXT PAGE FOR MOUNTING DETAILS



W6CR^{LED} 6.5" Wet Location Cylinder – Round

MOUNTING DETAILS

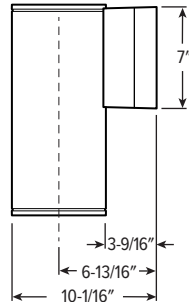
WALL MOUNT

WM



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

Side View

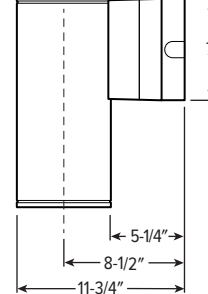


WMS

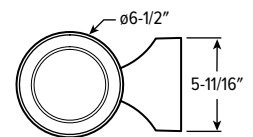


Secures to 4" round cast aluminum weatherproof J-box, by others

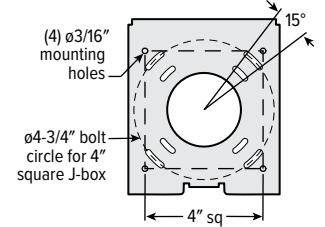
Side View



TOP VIEW



ADAPTOR

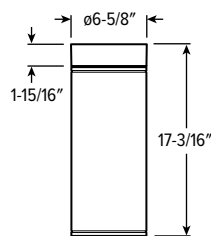


SURFACE MOUNT

SM



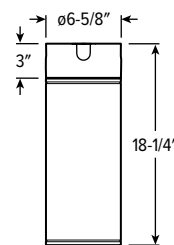
Secures to 4" octagonal galvanized recessed J-box, by others



SMS



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



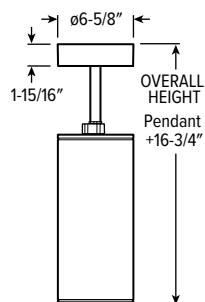
PENDANT MOUNT

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

