W4CRDI LED
4″ Wet Location Compact Direct/Indirect Cylinder – Round

Williams®

12-1/4″

ø2-1/2″
ø4-1/4″

CATALOG #: _____

TYPE: _____

PROJECT: _____

BUY AMERICAN ACT COMPLIANT

IP66 Rated

FEATURES

- Direct and indirect light combine to brighten canopies and softly accent vertical surfaces
- Sleek architectural form delivers refined, high-performance outdoor illumination
- Compact build saves space in tight installations and low-clearance areas
- Slim profile enables precise light control, highlighting facades and design details
- Durable aluminum housing and die-cast trim engineered for year-round exposure
- Sealed IP-rated design guards internal components from water, dust, and debris
- Beam angles ranging from 21º spot to 56º 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 -10ºC to 40ºC ambient operating temperature. 0ºC to 40ºC with EM battery.
- MOUNTING – 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: W4CRDI - 12 - L15/835U/L15/835D - OPTIONS - WHT - DIM - UNV - W - WM

SERIES	HEIGHT	LUMEN PACKAGE (Example: L15/835U/L15/835D)
W4CRDI	12 12″	Specify lumen packages: **U** for Up and **D** for Down

LUMENS [1]
- L10 1,000lm
- L15 1,500lm

CRI
- 8 80
- 9 90

CCT
- 27 2700K
- 30 3000K
- 35 3500K
- 40 4000K
- 50 5000K

U OR D
- U Uplight
- D Downlight

OPTIONS

EM/10WRM/IPRTS Remote mount 10-watt emergency battery with IP65 rated regressed test switch [3]

RDB Remote mount control/driver box, galvanized steel [4]

(L__) Additional lower lumen packages available [5]
Example: 1,200 lumens = W4CRDI-12-L15/835-**(L12)**

HOUSING FINISH [2]

- **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

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

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

MOUNTING

WM Wall mount to recessed J-box [7]

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 HOUSING FINISH DETAILS.
3. Max remote distance 50′, including suspension length. Large remote box provided. See page 2 for EMERGENCY BATTERY DETAILS. California Energy Commission (CEC) Compliant.
4. Painted driver box available, specify RDB/BLK or RDB/WHT.
5. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
6. Not available with EM batteries DMX drivers.
7. 4″ square galvanized J-box, by others. See page 3 for MOUNTING DETAILS.

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Cylinders
Page 1 of 3

W4CRDI
LED
4″ Wet Location Compact Direct/Indirect Cylinder – Round

FIXTURE PERFORMANCE DATA

Find your lumen stops for both uplight and downlight on the table below and add the wattages together to find the total fixture wattage.

DOWNLIGHT OR UPLIGHT				
	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L10	W	1061	9.8	108
L10	M	1043	9.8	106
L10	N	1106	9.8	113
L10	S	1161	9.8	118
L15	W	1564	13.6	115
L15	M	1538	13.6	113
L15	N	1630	13.6	120
L15	S	1712	13.6	126

MULTIPLIER TABLE

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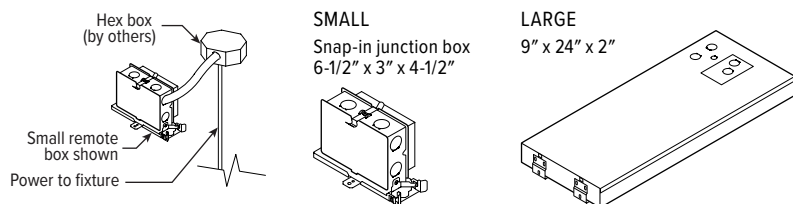
DISTRIBUTION CURVES

56° Wide   40° Medium   30° Narrow   21° Spot
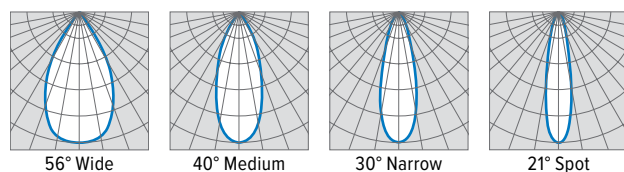
ADDITIONAL DRIVER OPTIONS

CONTROL/DRIVER	DESCRIPTION	RDB DETAILS BY LUMEN STOP [1]		
		L10	L15	10W EM
DIM	Dimming driver prewired for 0-10V low voltage applications; entire fixture switches and dims together	R|S	O|S	R|L
DIMU/DIMD	Dimming driver prewired for 0-10V low voltage applications; up and down portions switch and dim separately	R|S	O|S	R|L
DIM1	1% dimming driver prewired for 0-10V low voltage applications	R|S	O|S	R|L
DIM1U/DIM1D	1% dimming driver prewired for 0-10V low voltage applications; up and down portions switch separately	R|S	O|S	R|L
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)	–	O|S	R|L
DIM LINEU/DIM LINED	Line voltage switching and line voltage dimming; up and down portions switch separately	–	O|S	R|L
DMX	0.1% dimming driver for DMX controls	R|L	R|L	R|L
DMX/DMX	0.1% dimming driver for DMX controls; up and down portions switch separately	R|L	R|L	R|L
DALI	DALI dimming driver	R|L	R|L	R|L
DALI/DALI	DALI dimming driver; up and down portions switch separately	R|L	R|L	R|L
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver	R|L	R|L	R|L
LDE1/LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver; up and down portions switch separately	R|L	R|L	R|L

[1] If using two different stops for U/D, see highest lumen stop for RDB.
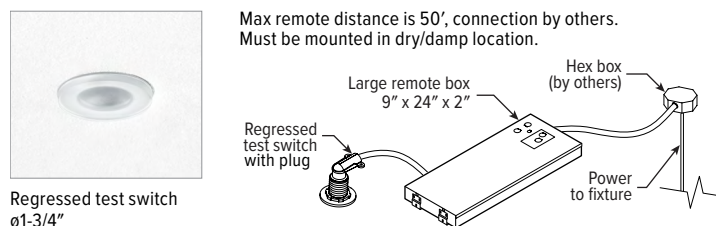
REMOTE MOUNT DETAILS

Max remote distance is 50′, connection by others. Must be mounted in dry/damp location and room-side accessible for maintenance.

Hex box (by others)
Small remote box shown
Power to fixture

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

LARGE
9″ x 24″ x 2″

REMOTE MOUNT KEY	
O|S	RDB Optional, Small Box
R|S	RDB Required, Small Box
R|L	RDB Required, Large box

EMERGENCY BATTERY DETAILS

Regressed test switch ø1-3/4″

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

Large remote box 9″ x 24″ x 2″
Hex box (by others)
Regressed test switch with plug
Power to fixture

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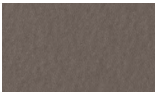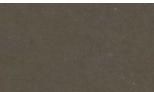
Cylinders
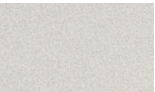Page 2 of 3
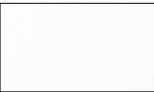
W4CRDI
LED
4″ Wet Location Compact Direct/Indirect Cylinder — Round

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

CROSS SECTION

12-1/4″
ø2-1/2″
ø4-1/4″

TOP VIEW

ø4-1/4″
5-11/16″
5-5/8″

SIDE VIEW

7″
3-1/2″
7-3/4″

WALL MOUNT ADAPTOR

ø4-3/4″ bolt circle for 4″ square J-box
(4) ø3/16″ mounting holes
15°
4″ sq