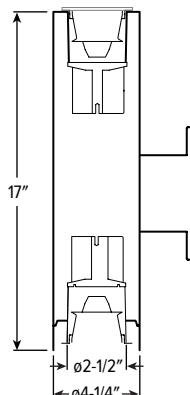


4CRDI dim to **WARM** 4" Direct/Indirect Cylinder – Round



CATALOG #: _____

TYPE: _____

PROJECT: _____



ORDERING EXAMPLE: 4CRDI - 17 - L12/9DWU/L12/9DWD - OPTIONS - WHT - DIM1 - UNV - OW/LM - CS - TRIM OPTIONS - WM

HOUSING

SERIES	HEIGHT	LUMEN PACKAGE (Example: L12/9DWU/L7/9DWD)	OPTIONS
4CRDI	17 17"	Specify lumen packages: U for Uplight and D for Downlight LUMENS ^[3] COLOR U OR D L7 700lm 9DW Dim to warm (95 CRI, 1800K – 3000K) U Uplight L12 1,200lm D Downlight	EM/10WRM/RTS Remote mount 10-watt emergency battery with regressed test switch ^[1] RDB Remote mount control/driver box, galvanized steel ^[2]

HOUSING FINISH ^[4]	CONTROL	VOLTAGE
ALUM Silver sparkle aluminum BLK Textured black BRZ Textured bronze NKL Textured nickel SLV Textured silver WHT Textured white	<i>See page 3 for CONTROL DETAILS.</i> DIM1 1% dimming driver (0-10V signal to control dimming and CCT) LUT Lutron Ecosystem enabled	UNV 120-277V

TRIM

TRIM TYPE AND DISTRIBUTION (Example Uplight/Downlight: OW/LM)	REFLECTOR FINISH ^[5]	TRIM OPTIONS
TRIM TYPE Uplight O Open reflector with clear glass shield ^[8] Downlight O Open reflector F Open reflector with frosted top diffuser L Flush lens R Regressed lens	Distribution <i>See page 2 for BEAM ANGLE.</i> Uplight W Wide M Medium N Narrow Downlight W Wide M Medium N Narrow ^[9]	Downlight Lens Trim Types CS Clear semi-specular powder coat WH White texture powder coat BL Black texture powder coat BZ Bronze texture powder coat NK Nickel texture powder coat SV Silver texture powder coat AL Silver sparkle aluminum

MOUNTING

MOUNTING TYPE ^[10]

WM Wall mount

NOTES

- Max remote distance 50', including suspension length. Large remote box provided. EM light defaults to downlight output. Specify CEC in option code when California Energy Commission regulations are required. See page 3 for EMERGENCY BATTERY DETAILS.
- Painted driver box available, specify RDB/BLK or RDB/WHT.
- Lumen output based on O Trim Type, W Distribution and CS Reflector Finish, 95 CRI/3000K CCT. Actual performance may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA

- See page 4 for HOUSING FINISH DETAILS.
- Specified for downlight Trim Type only. See page 4 for REFLECTOR FINISH DETAILS.
- Not available with O or F Trim Types. Downlight only. W Distribution only.
- Not available with O or F Trim Types. Downlight only. W Distribution only.
- CS Reflector Finish standard. Other colors available, consult factory.
- Not available with L12 lumen package when specified with L or R Trim Type
- See page 4 for FIXTURE DETAILS.



4CRDI dim to WARM

4" Direct/Indirect Cylinder – Round

FEATURES

- Mimic the comfortable, welcoming glow of incandescent with warm-dimming technology
- Slim profile for unobtrusive illumination
- Smoothly accent walls and eliminate dark ceilings with direct and indirect lighting
- Parallel the performance and style of the Williams downlight collection
- Superior optical control with beams as narrow as 15° and field changeable optics as wide as 70°
- Complement the architectural elements of any space with a multitude of housing and trim finishes
- Precision-engineered extruded aluminum housing and die-cast aluminum trim face for clean aesthetic
- Low UGR meets LEED and WELL requirements
- Made Right Here® in the USA

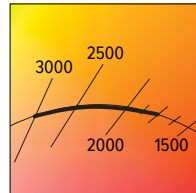
SPECIFICATIONS

- HOUSING – Extruded aluminum with die-cast aluminum accent ring.
- FINISH – Polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- OPEN REFLECTOR – Low-iridescent anodized aluminum. Clear semi-specular finish standard.
- LENSED TRIM – Die-cast aluminum frame with micro-prismatic, acrylic 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. Reported L70>55,000 hours. Reported L90 = 49,000 hours. Estimated L70 = 179,000 hours.
- MOUNTING – Wall mount. Indoor applications only. Max weight 5-1/2 lbs.
- LISTINGS –
 - cSAus conforms to UL STD 1598 and UL STD 8750. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for dry and damp locations.
 - 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

FIXTURE PERFORMANCE DATA

					DOWNLIGHT						UPLIGHT			
					WATTAGE	OPEN REFLECTOR		FLUSH LENS		REGRESSED LENS		WATTAGE	OPEN REFLECTOR	
	CCT AT 100% (FULL OUTPUT)	CCT AT 1% (FULL DIM)	DIST.	DELIVERED LUMENS		EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS		EFFICACY (lm/W)	
L7	3000K	1800K	W	14.8	715	48	749	51	741	50	14.8	585	40	
			M	14.8	710	48	757	51	725	49	14.8	581	39	
			N	14.8	590	40	764	52	745	50	14.8	482	33	
L12			W	23.3	1239	53	1297	56	1284	55	23.3	1013	43	
			M	23.3	1243	53	1327	57	1269	54	23.3	1016	44	
			N	23.3	941	40	—	—	—	—	23.3	769	33	

- Distribution will also be affected, consult factory.
 - Beam angle based on CS Reflector Finish.
- Photometrics tested in accordance with IESNA LM-79. Results based on CS (O Trim Type) or WH (L and R Trim Types) Reflector Finish, W Distribution, 95 CRI/3000K CCT, average wattage for 120V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
 - Wattage is for downlight or uplight components. Add wattages together for selected lumen packages to find total fixture wattage.
 - To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
 - Use multiplier tables to calculate additional options.



BEAM ANGLE

TRIM TYPE ⁽²⁾				
	O	F	L	R
W	70°		50°	55°
M	40°	Consult Factory	30°	30°
N	15°		20°	20°

TRIM OPTIONS	
CATALOG NUMBER	CONVERSION FACTOR
F	0.67
AD	0.85
PD	0.85

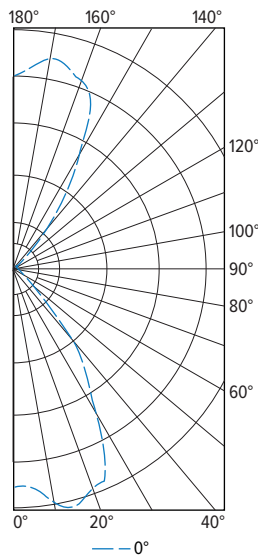
MULTIPLIER TABLES

REFLECTOR FINISH	
CATALOG NUMBER	CONVERSION FACTOR
CS	1.00
SG ⁽¹⁾	0.92
GD	0.93
CG	0.96
PW	0.86
SPC	1.02
RG	0.88
WH ⁽¹⁾	0.89
BL ⁽¹⁾	0.47

R TRIM	
CATALOG NUMBER	CONVERSION FACTOR
WH	1.00
CS ⁽¹⁾	0.98
BL ⁽¹⁾	0.79
BZ ⁽¹⁾	0.76
NK ⁽¹⁾	0.81
SV ⁽¹⁾	0.81
AL ⁽¹⁾	0.86

PHOTOMETRY

4CRDI-17-L12/9DWU/L12/9DWD-WHT-DIM1-UNV-OW/OW-CS-WM Total Luminaire Output: 2257 lumens; 46.6 Watts | Efficacy: 48 lm/W | 95 CRI; 3000K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	1006	
	5	1017	98
	15	1044	295
	25	930	419
	35	545	327
	45	75	78
	55	17	17
	65	6	6
	75	1	1
	85	0	0
	90	2	
	95	3	3
	105	6	6
	115	13	13
	125	30	28
	135	76	69
	145	368	226
	155	770	338
165	880	248	
175	864	84	
180	823		

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	812	36
	0 - 40	1139	51
	0 - 60	1234	55
	0 - 90	1241	55
	90 - 120	23	1
	90 - 150	346	15
	90 - 180	1016	45
	0 - 180	2257	100

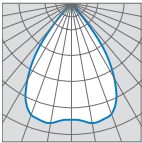
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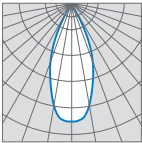
4CRDI dim to **WARM**

4" Direct/Indirect Cylinder – Round

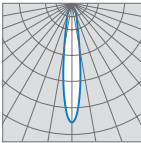
OPEN (O)



70° Wide

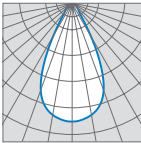


40° Medium

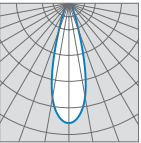


15° Narrow

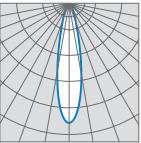
FLUSH (L)



50° Wide

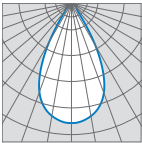


30° Medium

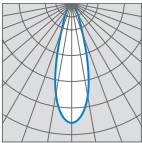


20° Narrow

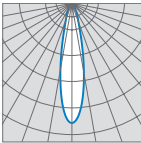
REGRESSED (R)



55° Wide



30° Medium



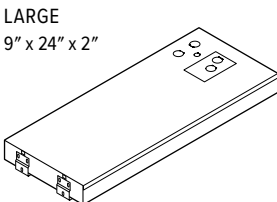
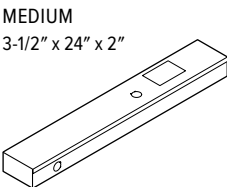
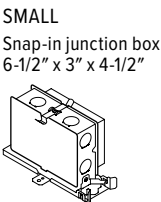
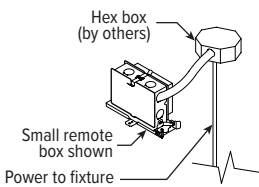
20° Narrow

CONTROL DETAILS

CONTROL	DESCRIPTION	RDB DETAILS BY LUMEN STOP			REMOTE MOUNT KEY	
		L7	L12	w/EM	O S	RDB Optional, Small Box
DIM1	1% dimming driver (0-10V signal to control dimming and CCT) prewired for low voltage applications	O S	O S	R L	O M	RDB Optional, Medium Box
LUT	Lutron Ecosystem enabled	O M	O M	R L	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 for maintenance.

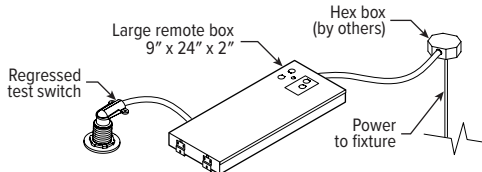


EMERGENCY BATTERY DETAILS



Regressed test switch
ø1-3/4"

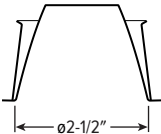
Max remote distance is 50' including suspension length, connection by others.



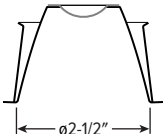
TRIM TYPE DETAILS

DOWNLIGHT

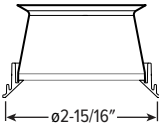
OPEN



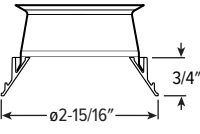
OPEN TOP DIFFUSER



FLUSH

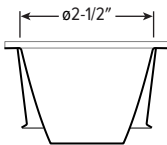


REGRESSED



UPLIGHT

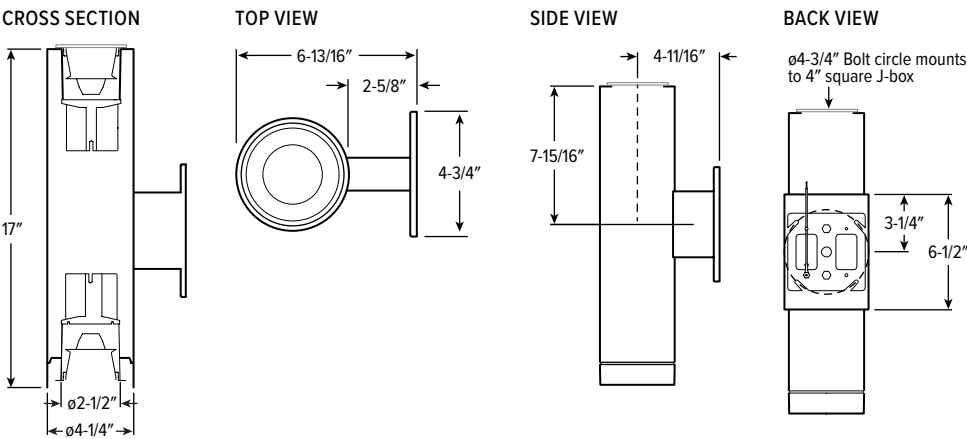
OPEN



4CRDI dim to WARM

4" Direct/Indirect Cylinder – Round

FIXTURE DETAILS



HOUSING FINISH DETAILS

WHITE	BLACK	BRONZE	NICKEL	SILVER	ALUM	For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

REFLECTOR FINISH DETAILS

Smooth Finish	SG	PW	GD	CG	RG	CS	AL
SPC							
Textured Finish	BL	BZ	NK	SV			
WH							

