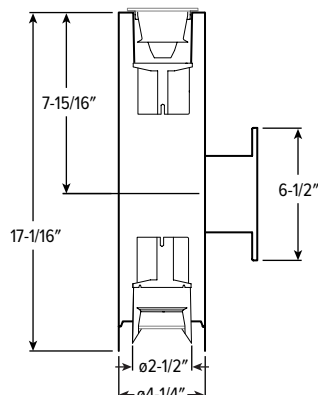


4CRDI dim to **WARM** 4" Direct/Indirect Cylinder – Round



CATALOG #: _____

TYPE: _____

PROJECT: _____



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

HOUSING

SERIES	LUMEN PACKAGE (Example: L12/9DWU/L7/9DWD)	OPTIONS	HOUSING FINISH ^[1]	CONTROL	VOLTAGE
4CRDI	Specify lumen packages: U for Uplight and D for Downlight LUMENS ^[3] L7 700lm 9DW Dim to warm (95 CRI, 1800K – 3000K) L12 1,200lm	COLOR U OR D U Uplight D Downlight RDB Remote mount control/driver box, painted black ^[2]	ALUM Silver sparkle aluminum BLK Textured black BRZ Textured bronze NKL Textured nickel SLV Textured silver WHT Textured white	DIM1 1% dimming driver (0-10V signal to control dimming and CCT) LUT Lutron Ecosystem enabled	UNV 120-277V

TRIM

TRIM TYPE AND DISTRIBUTION ^[4] (Example Uplight/Downlight: OW/LM)	REFLECTOR FINISH ^[5]	TRIM OPTIONS
TRIM TYPE Uplight O Open reflector with clear glass shield ^[9] Downlight O Open reflector L Flush lens R Regressed lens	DISTRIBUTION W 70° Wide M 40° Medium N 15° Narrow ^[10] Downlight W 70° Wide M 40° Medium N 15° Narrow ^[11]	CS Clear semi-specular anodize SG Satin-glow anodize GD Gold anodize CG Champagne gold anodize PW Pewter anodize SPC Clear specular anodize RG Rose gold anodize WH White texture powder coat BL Black texture powder coat

MOUNTING

MOUNTING TYPE ^[12]

WM Wall mount

NOTES

- See page 4 for HOUSING FINISH DETAILS.
- Painted white available, specify RDB/WHT.
- Lumen output based on O trim type, W distribution and CS finish, 3000K/95CRI. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- Beam angle based on O Trim Type and CS Reflector Finish. Trim Type affects beam angle. See page 2 for FIXTURE PERFORMANCE DATA.
- Specified for downlight Trim Type only. See page 4 for REFLECTOR FINISH DETAILS.
- Not available with O Trim Type. Downlight only. W distribution only.
- Not available with O Trim Type. Downlight only. W distribution only.
- O Trim Type only. Downlight only.
- CS Reflector Finish standard. Other colors available, consult factory.
- O Trim Type only.
- Not available with L12 lumen package when specified with L or R Trim Type.
- See page 4 for MOUNTING 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
- Open, flush, and regressed lens trim options
- Reflectors create smooth, low-glare radiance

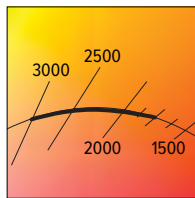
SPECIFICATIONS

- 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** –
 - cCSAus 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.
 - Complies with the Buy American Act and other federal regulations. Request certification at hew.com/baa.
- 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	3000K	1800K	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

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is based on 120V input.
- Results based on 3000K/95CRI and CS (O Trim Type) or WH (L and R Trim Types) Reflector Finish. Actual lumens 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		
	OPEN	FLUSH	REGRESSED
W	70°	50°	55°
M	40°	30°	30°
N	15°	20°	20°

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

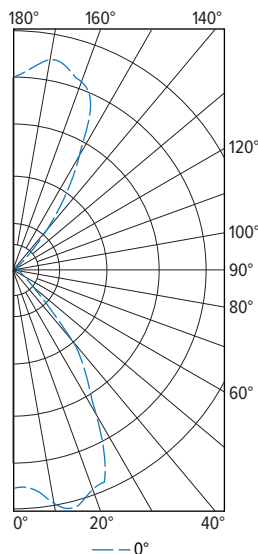
¹ Distribution will also be affected, consult factory.

MULTIPLIER TABLES

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



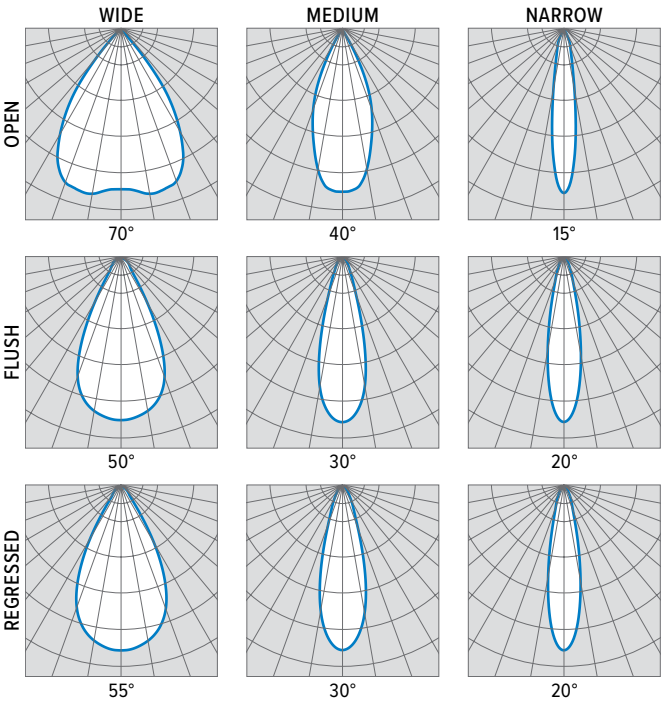
	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
CANDLEPOWER DISTRIBUTION	0	1006	
	5	1017	98
	15	1044	295
	25	930	419
	35	545	327
	45	75	78
	55	17	17
	65	6	6
	75	1	1
	85	0	0
	90	2	
	95	3	3
	105	6	6
	115	13	13
	125	30	28
	135	76	69
	145	368	226
	155	770	338
	165	880	248
	175	864	84
	180	823	

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	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



4CRDI dim to **WARM**

4" Direct/Indirect Cylinder – Round



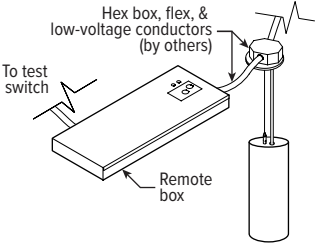
EMERGENCY BATTERY OPTIONS

Max remote distance 50', including suspension length. Emergency light defaults to downlight output. Specify CEC in the option code when California Energy Commission regulations are required.

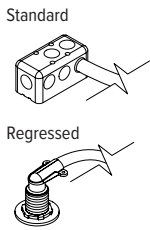
CATALOG NUMBER	DESCRIPTION
EM/7WRM	Remote mount 7-watt emergency battery
EM/7WRM/RTS	Remote mount 7-watt emergency battery with regressed test switch ^[1]
EM/10WRM	Remote mount 10-watt emergency battery
EM/10WRM/RTS	Remote mount 10-watt emergency battery with regressed test switch ^[1]
EM/12WRM	Remote mount 12-watt emergency battery ^[2]
EM/12WRM/RTS	Remote mount 12-watt emergency battery with regressed test switch ^[1] ^[2]

¹ For use in grid ceiling installations only. ² Not available when CEC regulations are required.

RDB OPTION DETAILS

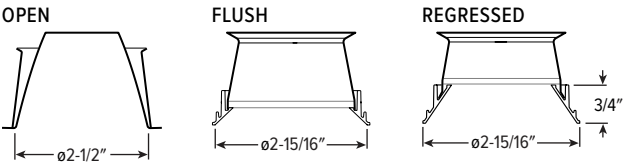


TEST SWITCH DETAILS

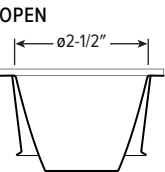


TRIM TYPE DETAILS

DOWNLIGHT



UPLIGHT

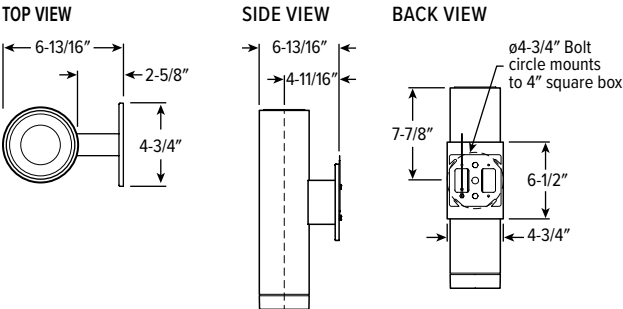


4CRDI dim to **WARM**

4" Direct/Indirect Cylinder – Round

MOUNTING DETAILS

Mounts to 4" square J-box



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							

