

4CR dim to WARM

4" Compact Cylinder – Round

FEATURES

- Engineered to deliver great performance in a sleek, space-saving design
- Mimic the comfortable, welcoming glow of incandescent with warm-dimming technology
- Precision illumination with 15° narrow to 70° wide optics
- Complement the architectural elements of any space with a multitude of housing, trim and cord finishes
- Limitless application opportunities via pendant, cable, power cord, wall and ceiling mounts
- Ensure a simple and secure installation with TwistLock™ surface mount technology
- Low UGR meets LEED and WELL requirements
- Made Right Here® in the USA

SPECIFICATIONS

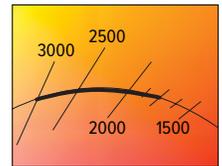
- HOUSING** – Extruded aluminum with die-cast aluminum accent ring.
- FINISH** – Polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- OPEN REFLECTOR** – Low-iridescent 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** – Surface, cable, pendant, power cord or wall mount. Indoor applications only. Control, driver, and EM battery installed in remote mount box.
- 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.
 - 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

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

MULTIPLIER TABLES

	REFLECTOR FINISH		TRIM OPTIONS	
	CATALOG NUMBER	CONVERSION FACTOR	CATALOG NUMBER	CONVERSION FACTOR
O TRIM	CS	1.00	F	0.67
	SG ^[1]	0.92	AD	0.85
	GD	0.93	PD	0.85
	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			



¹ Distribution will also be affected, consult factory.
² Beam angle based on CS Reflector Finish.

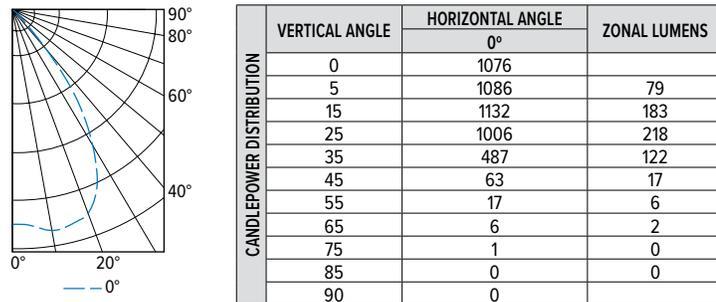
- Photometrics tested in accordance with IESNA LM-79. Results based on CS (O Trim Type) or WH (L and R Trim Types) Reflector Finish, W Distribution, 95 CRI/3000K CCT, average wattage for 120V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency 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°	Consult Factory	50°	55°
M	40°		30°	30°
N	15°		20°	20°

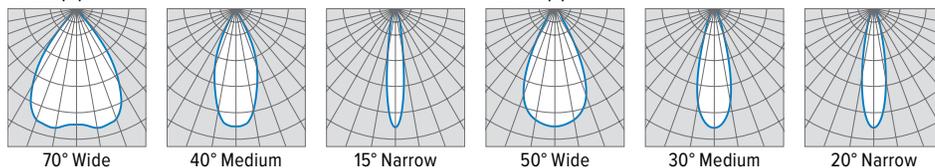
PHOTOMETRY

4CR-08-L12/9DW-DIM1-UNV-OW-CS Total Luminaire Output: 1239 lumens; 23.3 Watts | Efficacy: 53.1 lm/W | 95 CRI; 3000K CCT

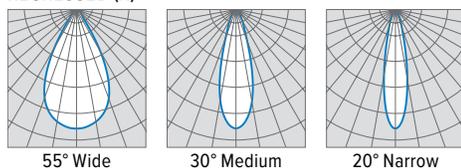


LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1154	93
	0 - 60	1231	99
	0 - 90	1239	100
	0-180	1239	100

OPEN (O)



REGRESSED (R)



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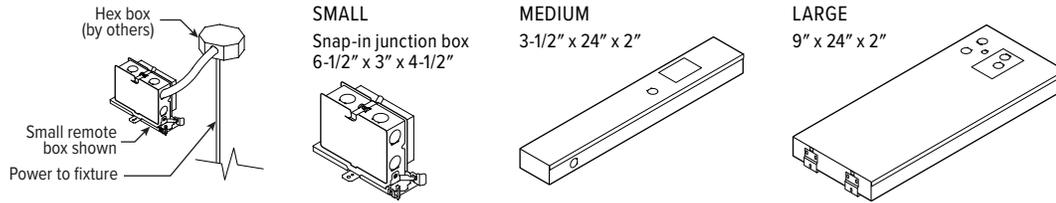
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CONTROL DETAILS

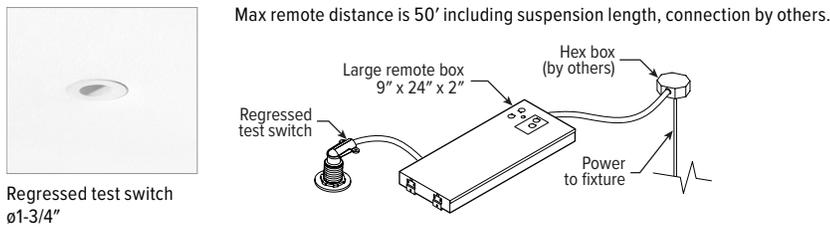
CONTROL	DESCRIPTION	RDB DETAILS BY LUMEN STOP			REMOTE MOUNT KEY	
		L7	L12	w/EM	R S	RDB Required, Small Box
DIM1	1% dimming driver (0-10V signal to control dimming and CCT) prewired for low voltage applications	R S	R S	R L	R M	RDB Required, Medium Box
LUT	Lutron Ecosystem enabled	R M	R M	R L	R L	RDB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

REMOTE MOUNT DETAILS

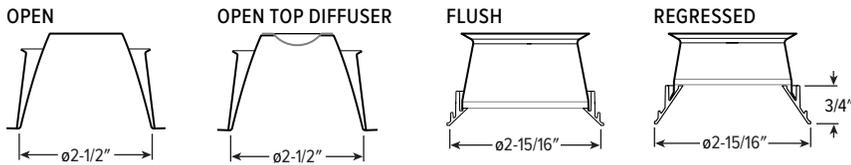
Max remote distance is 50' including suspension length, connection by others. Must be room-side accessible for maintenance.



EMERGENCY BATTERY DETAILS



TRIM TYPE DETAILS



HOUSING FINISH DETAILS



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



Textured Finish



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MOUNTING DETAILS

PENDANT MOUNT (PM__)

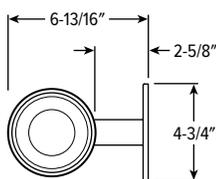


- Provided with:
- 38° Swivel canopy
 - 3/8" IPS Threaded stem
 - Specify length of stem, 6" minimum, 24" default length

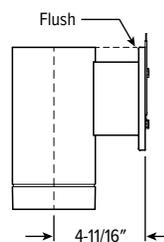
WALL MOUNT (WM)



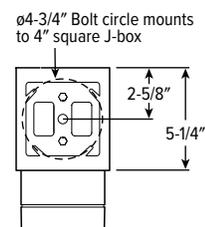
TOP VIEW



SIDE VIEW



BACK VIEW



SURFACE MOUNT (SM)



TwistLock™
Simple lift-and-twist mounting secures fixture to J-box.

CABLE MOUNT (CM__)



- Provided with:
- Adjustable length aircraft cable, must specify length in 24", 48", 96", or 144" inches.
 - 18-gauge cord, see Cord Options for ordering info.
 - One 5" canopy
 - T-bar clip with 1/4-20 stud
 - Hard ceiling anchor provided by others

POWER CORD MOUNT (PC)



- Provided with:
- 18-gauge cord, see Cord Options for ordering info.
 - One 5" canopy
 - Power cord mounting adaptor

CORD OPTIONS

Must specify cord when cable and power cord mounting.

ORDERING EXAMPLE: S2438/W				
CORD TYPE	LENGTH	# CONDUCTORS	WIRE SIZE	COLOR
S Straight	24 24"	3 3	8 18-gauge	Standard
	48 48"	4 4		/W White
	96 96"	5 5		/B Black
		6 6		Braided ⁽¹⁾
				/WH White
				/BL Black
				/BR Brass
				/AE Aegean Blue
				/RE Red
				/SV Silver
				/GU Gunmetal
				/NK Nickel
				/GR Gray

COLOR DETAILS

Additional colors may be available, consult factory.



¹ (5) conductors cord only.

