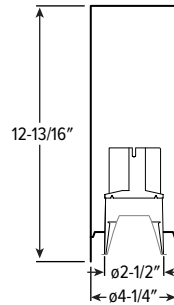


4CR dim to **WARM** 4" Cylinder – Round



CATALOG #: _____

TYPE: _____

PROJECT: _____



TwistLock™

ORDERING EXAMPLE: 4CR - 13 - L12/9DW - OPTIONS - WHT - DIM1 - UNV - OW - CS - TRIM OPTIONS - CM
HOUSING TRIM MOUNT.

HOUSING

SERIES	HEIGHT	LUMENS ^[1]	COLOR	OPTIONS	HOUSING FINISH ^[2]	CONTROL	VOLTAGE
4CR	13 13"	L7 700lm L12 1,200lm	9DW Dim to warm (95 CRI, 1800K – 3000K)	EM/10WRM/RTS Remote mount 10-watt emergency battery with regressed test switch ^[3] RDB Remote mount control/driver box, galvanized steel ^[4]	ALUM Silver sparkle aluminum BLK Textured black BRZ Textured bronze NKL Textured nickel SLV Textured silver WHT Textured white	See page 3 for CONTROL DETAILS. DIM1 1% dimming driver (0-10V signal to control dimming and CCT) LUT Lutron Ecosystem enabled	UNV 120-277V 347 347V

TRIM

TRIM TYPE	DISTRIBUTION	REFLECTOR FINISH ^[5]	TRIM OPTIONS
O Open reflector	See page 2 for BEAM ANGLE.	Open Trim Types	AD Diffuse acrylic lens ^[7]
F Open reflector with frosted top diffuser		CS Clear semi-specular anodize	PD Diffuse 1/8" polycarbonate lens ^[8]
L Flush lens	W Wide	SG Satin-glow anodize	
R Regressed lens	M Medium	GD Gold anodize	
	N Narrow ^[6]	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	
		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 ^[9]

- CM__ Adjustable aircraft cable mount, 24", 48", 96", or 144" only, must specify. Example: 24" cable = CM24 ^[10]
 PM__ Pendant mount. Example: 24" pendant = PM24 ^[11]
 PC__ Power cord mount. Example: 24" cord = PC24 ^[12]
 SM TwistLock surface mount to octagonal J-box
 WM Wall mount

NOTES

- 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 3 for HOUSING FINISH DETAILS.
- Max remote distance 50', including suspension length. Large remote box provided. Specify CEC in the 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.
- See page 3 for REFLECTOR FINISH DETAILS.
- O and F Trim Types only when specified with L12 lumen package.

- Not available with O or F Trim Types. W Distribution only.
- Not available with O or F Trim Types. W Distribution only.
- See page 4 for MOUNTING DETAILS.
- Canopy painted white unless specified otherwise. Must specify cord. See page 4 for CORD OPTIONS.
- Specify length in 1" increments, minimum 6". Canopy and pendant match fixture housing color unless specified otherwise.
- 48" and 96" lengths available. Canopy painted white unless specified otherwise. Must specify cord. See page 4 for CORD OPTIONS.



4CR dim to WARM

4" Cylinder – Round

FEATURES

- Mimic the comfortable, welcoming glow of incandescent with warm-dimming technology
- Slim profile for unobtrusive illumination
- Parallel the performance and style of the Williams downlight collection
- 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. Max weight 5 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.
 - 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

					OPEN REFLECTOR		FLUSH LENS		REGRESSED LENS	
	CCT AT 100% (FULL OUTPUT)	CCT AT 1% (FULL DIM)	DIST.	WATTAGE	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	—	—	—	—

- 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.

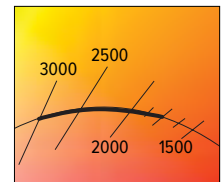
BEAM ANGLE

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

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
	WH ⁽¹⁾	0.89
R TRIM	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

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



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

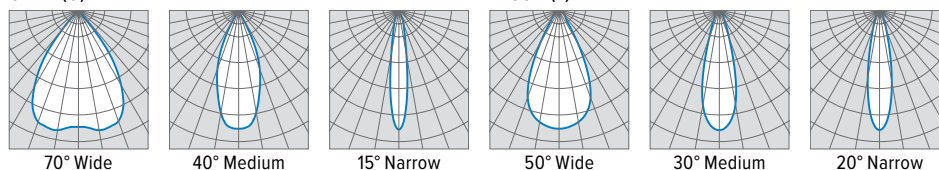
PHOTOMETRY

4CR-13-L12/9DW-DIM1-UNV-OW-CS Total Luminaire Output: 1239 lumens; 23.3 Watts | Efficacy: 53.1 lm/W | 95 CRI; 3000K CCT

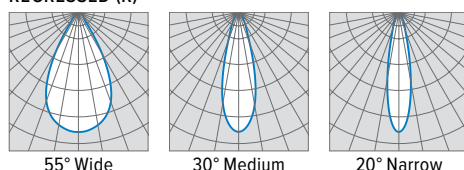
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	1076	
	5	1086	79
	15	1132	183
	25	1006	218
	35	487	122
	45	63	17
	55	17	6
	65	6	2
75	1	0	
85	0	0	
90	0		

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)



4CR dim to **WARM**

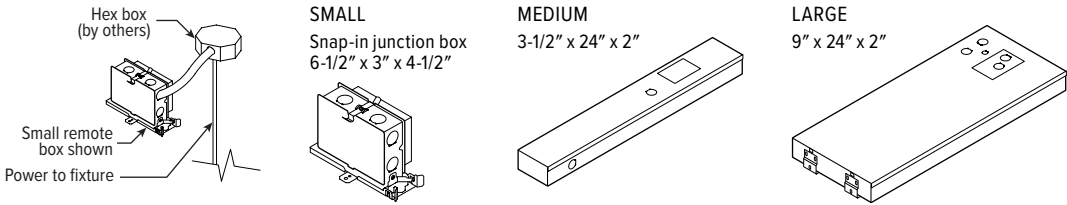
4" Cylinder – Round

CONTROL DETAILS

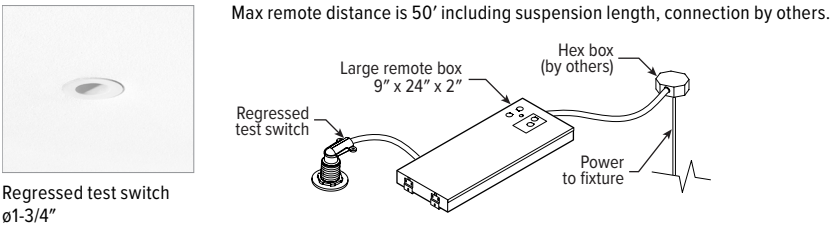
CONTROL	DESCRIPTION	RDB DETAILS BY LUMEN STOP			REMOTE MOUNT KEY	
		L7	L12	w/EM	O S	RDB Optional, Small Box
DIM1	1% dimming driver (0-10V signal to control dimming and CCT) prewired for low voltage applications	O S	O S	R L	O M	RDB Optional, Medium Box
LUT	Lutron Ecosystem enabled	O M	O M	R L	R L	RDB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

REMOTE MOUNT DETAILS

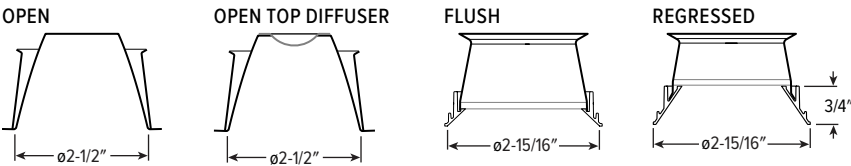
Max remote distance is 50' including suspension length, connection by others. Must be room-side accessible for maintenance.



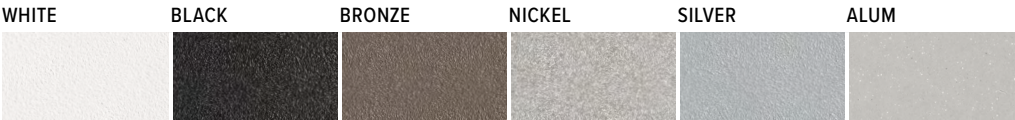
EMERGENCY BATTERY DETAILS



TRIM TYPE DETAILS

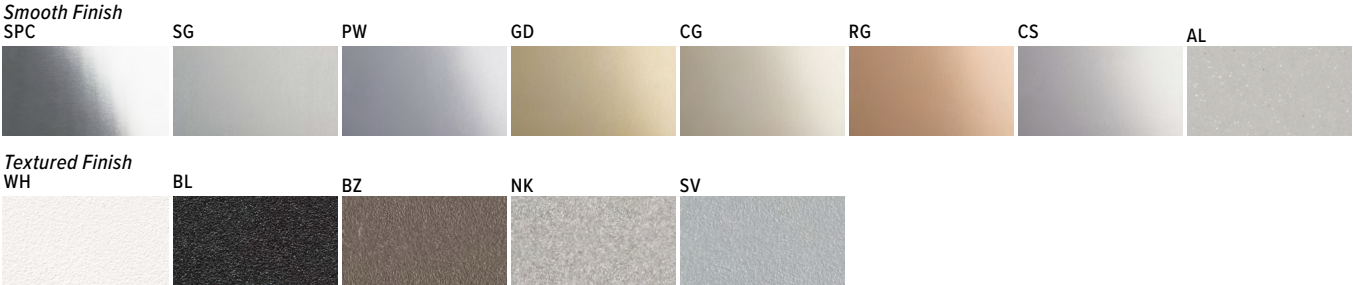


HOUSING FINISH DETAILS



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



4CR dim to WARM

4" Cylinder – Round

MOUNTING DETAILS

PENDANT MOUNT (PM__)

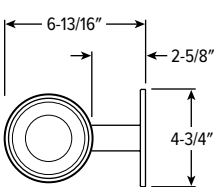


- Provided with:
- 38° Swivel canopy
 - 3/8" IPS Threaded stem
 - Specify length of stem, 6" minimum, 24" default length

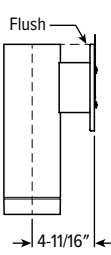
WALL MOUNT (WM)



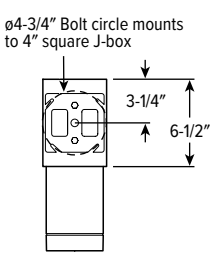
TOP VIEW



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

¹ (5) conductors cord only.

COLOR DETAILS

Additional colors may be available, consult factory.

