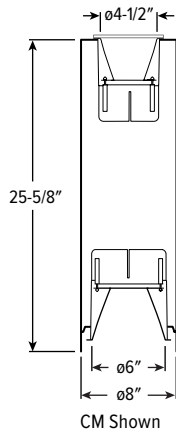


8CRDI dim to **WARM** 8" Direct/Indirect Cylinder – Round



CATALOG #: _____

TYPE: _____

PROJECT: _____



ORDERING EXAMPLE: 8CRDI - TL - L25/9DWU/L25/9DWD - OPTIONS - WHT - DIM1 - UNV - LW/LM - CS - TRIM OPTIONS - CM

HOUSING

SERIES	LUMEN PACKAGE (Example: L25/9DWU/L15/9DWD)	OPTIONS	HOUSING FINISH	CONTROL	VOLTAGE
8CRDI - TL	Specify lumen packages: U for Up and D for Down	See page 4 for EMERGENCY BATTERY OPTIONS .	ALUM Silver sparkle aluminum	DIM1 1% dimming driver (0-10V signal to control dimming and CCT)	UNV 120-277V
TrimLock	LUMENS ^[2] COLOR U OR D	F Fuse	BLK Textured black	LUT Lutron Ecosystem enabled	347 347V
	L8 800lm 9DW Dim to warm (95 CRI, 1800K – 3000K)	RDB Remote mount control/driver box, painted black ^[1]	BRZ Textured bronze		
	L15 1,500lm		NKL Textured nickel		
	L25 2,500lm		SLV Textured silver		
			WHT Textured white		

TRIM

TRIM TYPE AND DISTRIBUTION ^[3] (Example Uplight/Downlight: LW/LM)	REFLECTOR FINISH ^[4]	TRIM OPTIONS
TRIM TYPE	Downlight Open Trim Types	Downlight Lens Trim Types
Uplight	CS Clear semi-specular anodize	CS Clear semi-specular powder coat
O Open reflector with clear glass shield ^[8]	SG Satin-glow anodize	WH White texture powder coat
L Flush lens ^[9]	GD Gold anodize	BL Black texture powder coat
	CG Champagne gold anodize	BZ Bronze texture powder coat
	PW Pewter anodize	NK Nickel texture powder coat
	SPC Clear specular anodize	SV Silver texture powder coat
	RG Rose gold anodize	AL Silver sparkle aluminum
Downlight	WH White texture powder coat	
O Open reflector	BL Black texture powder coat	
L Flush lens		
R Regressed lens		
		AD Diffuse acrylic lens ^[5]
		PD Diffuse 1/8" polycarbonate lens ^[6]
		TD Diffuse polycarbonate lens media at top of open reflector ^[7]

MOUNTING

MOUNTING TYPE ^[12]

CM Adjustable aircraft cable mount, 24", 48", 96", or 144" only, must specify. Example: 24" cable = **CM24** ^[13]

WM Wall mount

NOTES

- ¹ Painted white available, specify RDB/WHT.
- ² 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.
- ³ Beam angle based on O Trim Type, WM Mounting Type and CS Reflector Finish. Trim Type affects beam angle. See page 2 for FIXTURE PERFORMANCE DATA.
- ⁴ Specified for Downlight Trim Type only. See page 4 for REFLECTOR FINISH DETAILS.
- ⁵ Not available with O trim type. Downlight only. W distribution only.
- ⁶ Not available with O trim type. Downlight only. W distribution only.
- ⁷ O Trim Type only. Downlight only.
- ⁸ CS Reflector Finish standard. Other colors available, consult factory.
- ⁹ Not available with WM Mounting Type. Trim finish matches Housing Finish. Other colors available, consult factory.
- ¹⁰ O Trim Type only.
- ¹¹ O Trim Type only.
- ¹² See page 5 for MOUNTING DETAILS.
- ¹³ Canopy painted white unless specified otherwise. Must specify cord. See page 5 for CORD OPTIONS.



8CRDI dim to WARM

8" Direct/Indirect Cylinder – Round

FEATURES

TrimLock®

- Mimic the comfortable, welcoming glow of incandescent with warm-dimming technology
- High-output illumination for tall ceilings
- 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 10° and field changeable optics as wide as 65°
- Complement the architectural elements of any space with a multitude of housing, trim and cord finishes
- Precision-engineered extruded aluminum housing and die-cast aluminum trim face for clean aesthetic
- Variety of cord colors available in standard or braided for custom design

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.
- TRIMLOCK** – Innovative TrimLock® reflector retention system ensures trim remains secure.
- OPEN REFLECTOR** – Low-iridescent anodized aluminum. Clear semi-specular finish standard.
- LENSED TRIM** – Die-cast aluminum frame with micro-prismatic lens (acrylic downlight, tempered glass uplight).
- 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>55,000 hours. Estimated L70 = 200,000 hours.
- MOUNTING** – Cable or wall mount. Indoor applications only. Max weight 20 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 WALL MOUNT			UPLIGHT CABLE MOUNT					
		WATTAGE	OPEN REFLECTOR		FLUSH LENS		REGRESSED LENS		WATTAGE	OPEN REFLECTOR		WATTAGE	OPEN REFLECTOR		FLUSH LENS		
			DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)		DELIVERED LUMENS	EFFICACY (lm/W)		DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	
L8	DIST.	W	14.0	887	63	739	53	716	51	14.0	808	58	14.0	731	52	568	41
		M	14.0	860	61	797	57	775	55	14.0	784	56	14.0	704	50	—	—
		N	14.0	823	59	802	57	781	56	14.0	750	54	14.0	678	48	—	—
L15		W	23.4	1554	66	1296	55	1254	54	23.4	1416	61	23.4	1281	55	996	43
		M	23.4	1508	64	1397	60	1359	58	23.4	1374	59	23.4	1234	53	—	—
		N	23.4	1442	62	1405	60	1370	59	23.4	1314	56	23.4	1189	51	—	—
L25		W	37.7	2471	66	2123	56	2054	54	37.7	2252	60	37.7	1889	50	1632	43
		M	37.7	2465	65	2284	61	2226	59	37.7	2246	60	37.7	1887	50	—	—
		N	37.7	2518	67	2302	61	2243	59	37.7	2295	61	37.7	1889	50	—	—

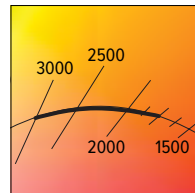
MULTIPLIER TABLES

	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
	BL ⁽¹⁾	0.47
R TRIM	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
AD	0.85
PD	0.85
TD	0.75

BEAM ANGLE

	TRIM TYPE					
	DOWNLIGHT			WM UPLIGHT	CM UPLIGHT	
	OPEN	FLUSH	REGRESSED	OPEN	OPEN	FLUSH
W	65°	55°	55°	65°	65°	50°
M	35°	35°	35°	35°	45°	35°
N	10°	25°	25°	10°	10°	25°



- ¹ Distribution will also be affected, consult factory.
- 3000K CCT at 100% (full output) and 1800K CCT at 1% (full dim)
 - 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.

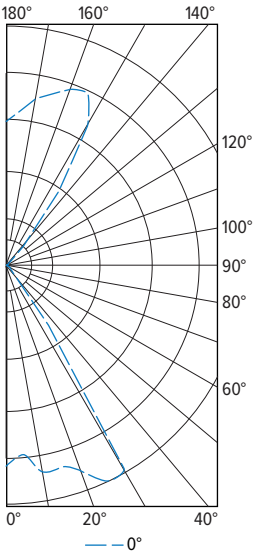


8CRDI

dim to **WARM**
8" Direct/Indirect Cylinder – Round

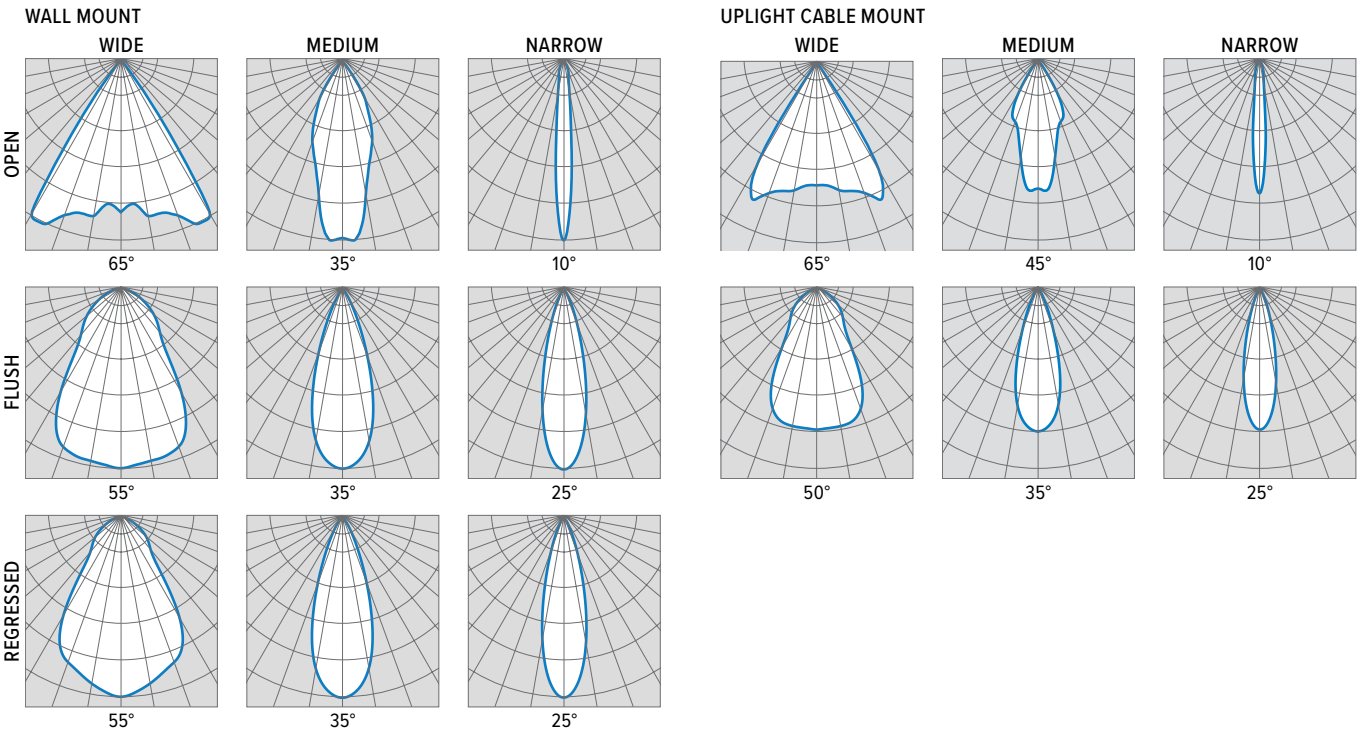
PHOTOMETRY

8CRDI-TL-L25/9DWU/L25/9DWD-WHT-DIM1-UNV-OW/OW-CS-WM Total Luminaire Output: 4857 lumens; 75.4 Watts | Efficacy: 64 lm/W | 95 CRI; 3000K CCT

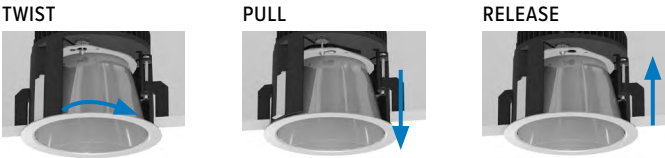


CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	2078	
	5	1963	196
	15	2157	620
	25	2464	1113
	35	751	604
	45	57	48
	55	16	17
	65	2	3
	75	0	0
	85	0	1
	90	4	
	95	5	6
	105	8	8
	115	12	13
	125	26	24
	135	66	72
	145	939	576
	155	1970	878
	165	1827	522
	175	1598	158
	180	1482	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1929	40
	0 - 40	2533	52
	0 - 60	2597	54
	0 - 90	2601	54
	90 - 120	26	1
	90 - 150	699	14
	90 - 180	2256	47
	0 - 180	4857	100



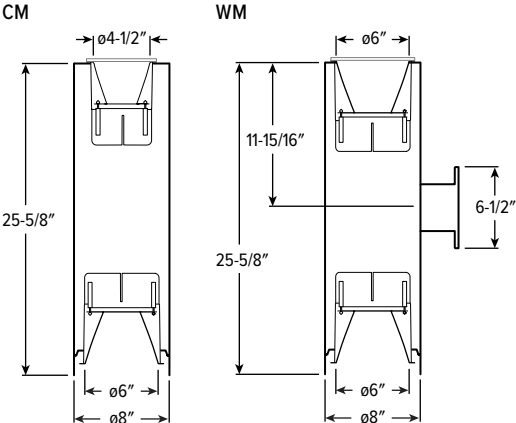
TRIMLOCK DETAILS



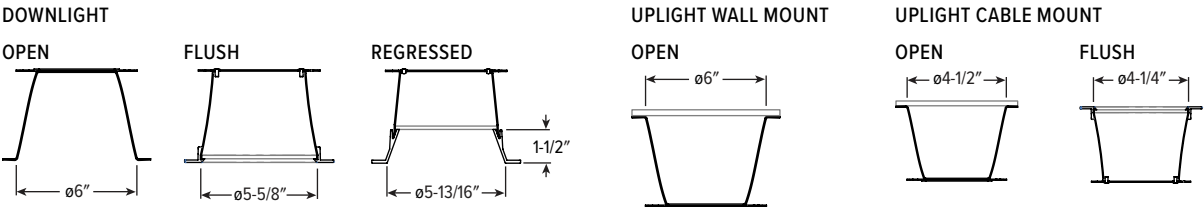
8CRDI dim to WARM

8" Direct/Indirect Cylinder – Round

CROSS SECTIONS



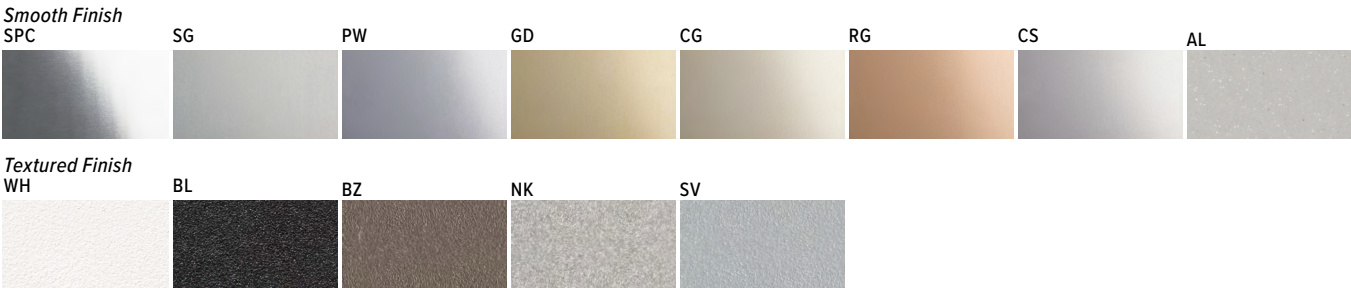
TRIM TYPE DETAILS



HOUSING FINISH DETAILS



REFLECTOR FINISH DETAILS



EMERGENCY BATTERY OPTIONS

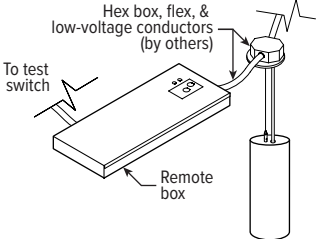
Max remote distance 50', including suspension length. Emergency light defaults to downlight output. Specify CEC in the option code when California Energy Commission regulations are required.

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]

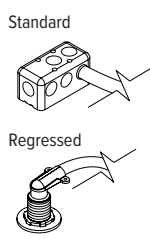
¹ For use in grid ceiling installations only.

² Not available when CEC regulations are required.

RDB OPTION DETAILS



TEST SWITCH DETAILS



8CRDI

dim to **WARM**
8" Direct/Indirect Cylinder – Round

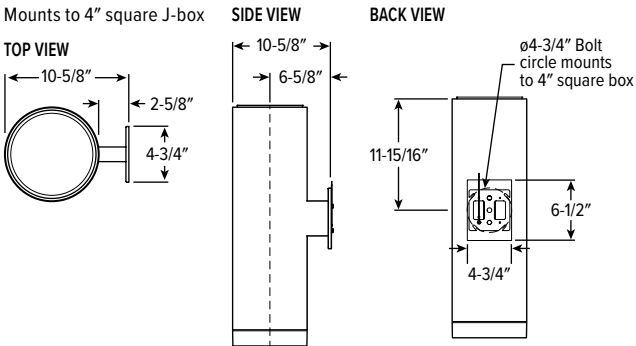
MOUNTING DETAILS

CABLE MOUNT (CM__)



- Cable mount fixtures are provided with:
- Adjustable length aircraft cable, must specify length in 24", 48", 96", or 144" inches.
 - 18-gauge cord in choice of 9 colors, see Cord Options for ordering info.
 - One 5" canopy
 - T-bar clip with 1/4-20 stud
 - Hard ceiling anchor provided by others

WALL MOUNT (WM)



CORD OPTIONS

Must specify cord when cable 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.

