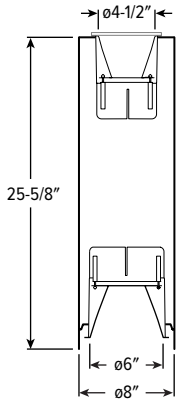
8CRDI dim to WARM
8″ Direct/Indirect Cylinder – Round



CM Shown

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

TrimLock®

- High-output illumination for tall ceilings
- Smoothly accent walls and eliminate dark ceilings with direct and indirect lighting
- Create a comfortable, welcoming ambiance using warm dimming technology to provide intimate lighting
- Parallel the performance and style of the Williams downlight collection
- Precision illumination with 10° narrow to 65° wide optics
- Complement the architectural elements of any space with a multitude of housing, trim and cord finishes

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, tempered glass 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>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 damp locations.
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: 8CRDI - TL - L25/9DWU/L25/9DWD - OPTIONS - WHT - DIM - UNV - LW/LM - CS - TRIM OPTIONS - CM
(HOUSING | TRIM | MOUNT.)

HOUSING

SERIES
8CRDI - TL TrimLock

LUMEN PACKAGE (Example: L25/9DWU/L15/9DWD)
Specify lumen packages: **U** for Uplight and **D** for Downlight

LUMENS [1]
- **L8** 800lm
- **L15** 1,500lm
- **L25** 2,500lm

COLOR
- **9DW** Dim to warm (95 CRI, 1800K – 3000K)

U OR D
- **U** Uplight
- **D** Downlight

OPTIONS
- **F** Fuse

HOUSING FINISH
- **ALUM** Silver sparkle aluminum
- **BLK** Textured black
- **BRZ** Textured bronze
- **NKL** Textured nickel
- **SLV** Textured silver
- **WHT** Textured white

CONTROL
- **DIM** Dimming driver, 0-10V
- **LUT** Lutron Ecosystem enabled

VOLTAGE
- **UNV** 120-277V
- **347** 347V

TRIM

TRIM TYPE AND DISTRIBUTION [2]
(Example Uplight/Downlight: **LW/LM**)

TRIM TYPE

Uplight
- **O** Open reflector with clear glass shield [7]
- **L** Flush lens [8]

Downlight
- **O** Open reflector
- **L** Flush lens
- **R** Regressed lens

DISTRIBUTION

Uplight
- **W** 65° Wide
- **M** 35° Medium [9]
- **N** 10° Narrow [10]

Downlight
- **W** 65° Wide
- **M** 35° Medium
- **N** 10° Narrow

REFLECTOR FINISH [3]

Downlight Open Trim Types
- **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

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

TRIM OPTIONS
- **AD** Diffuse acrylic lens [4]
- **PD** Diffuse 1/8″ polycarbonate lens [5]
- **TD** Diffuse polycarbonate lens media at top of open reflector [6]

MOUNTING

MOUNTING TYPE [11]
- **CM__** Adjustable aircraft cable mount, 24″ length standard. Example: 24″ cable = **CM24** [12]
- **WM** Wall mount

NOTES

1. 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
2. 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.
3. Specified for Downlight Trim Type only. See page 4 for REFLECTOR FINISH DETAILS.
4. Not available with O trim type. Downlight only. W distribution only.
5. Not available with O trim type. Downlight only. W distribution only.
6. O Trim Type only. Downlight only.
7. CS Reflector Finish standard. Other colors available, consult factory.
8. Trim finish matches Housing Finish. Other colors available, consult factory.
9. O Trim Type only.
10. O Trim Type only.
11. See page 4 for MOUNTING DETAILS.
12. 48″ and 96″ lengths available. Canopy painted white unless specified otherwise. Must specify cord. See page 4 for CORD OPTIONS.

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

FIXTURE PERFORMANCE DATA

		DOWNLIGHT							UPLIGHT WALL MOUNT					UPLIGHT CABLE MOUNT				
			OPEN REFLECTOR		FLUSH LENS		REGRESSED LENS			OPEN REFLECTOR		FLUSH LENS			OPEN REFLECTOR		FLUSH LENS	
	DIST.	WATTAGE	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	WATTAGE	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	WATTAGE	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)
L8	W	14.0	887	63	739	53	716	51	14.0	808	58	733	52	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	1285	55	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	2106	56	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	–	–

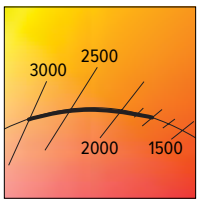
MULTIPLIER TABLES

	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	FLUSH	OPEN	FLUSH
W	65°	55°	55°	65°	55°	65°	50°
M	35°	35°	35°	35°	35°	45°	35°
N	10°	25°	25°	10°	25°	10°	25°

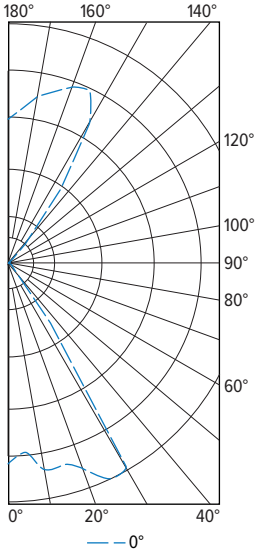


1 Distribution will also be affected, consult factory.

- 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.
- Use multiplier tables to calculate additional options.

PHOTOMETRY

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

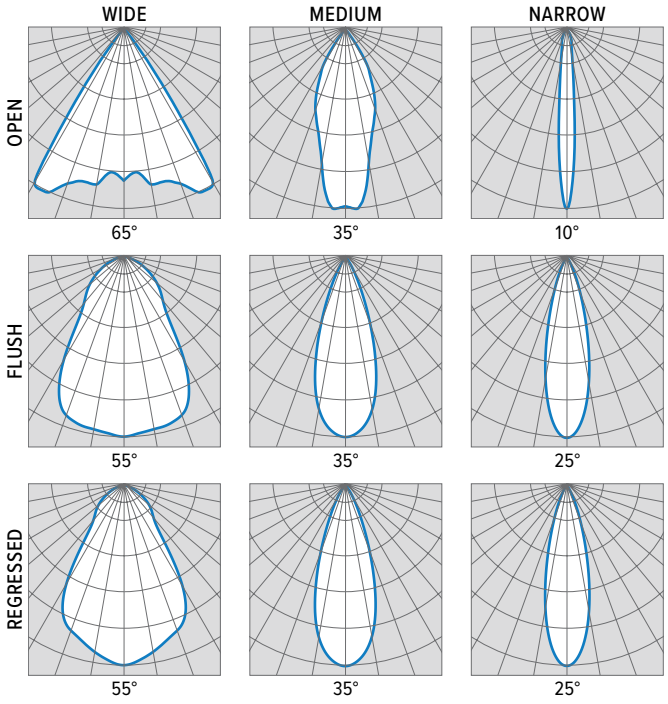


CANDLEPOWER DISTRIBUTION		
VERTICAL ANGLE	HORIZONTAL ANGLE 0°	ZONAL LUMENS
0	2078	
5	1963	196
15	2157	620
25	2464	1113
35	751	604
45	57	48
55	16	17
65	2	3
75	0	0
85	0	1
90	4	
95	5	6
105	8	8
115	12	13
125	26	24
135	66	72
145	939	576
155	1970	878
165	1827	522
175	1598	158
180	1482	

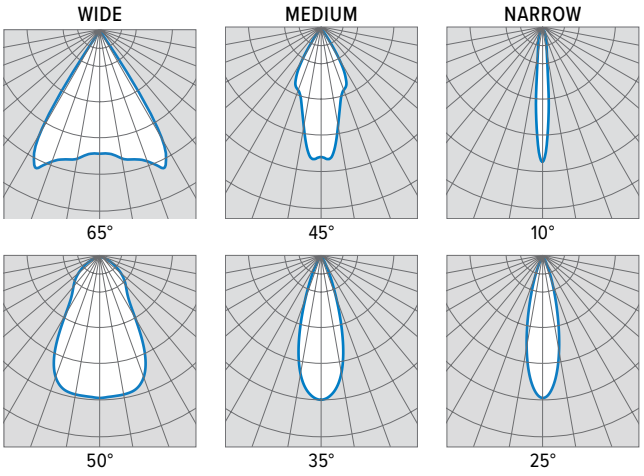
LUMEN SUMMARY			
ZONE	LUMENS	% FIXTURE	
0 - 30	1929	40	
0 - 40	2533	52	
0 - 60	2597	54	
0 - 90	2601	54	
90 - 120	26	1	
90 - 150	699	14	
90 - 180	2256	47	
0 - 180	4857	100	

8CRDI dim to WARM
8″ Direct/Indirect Cylinder – Round

DOWNLIGHT | UPLIGHT WALL MOUNT



UPLIGHT CABLE MOUNT



TRIMLOCK DETAILS

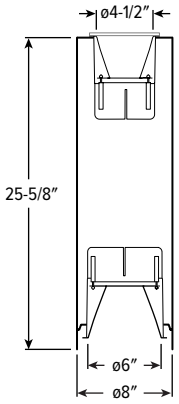
TWIST

PULL

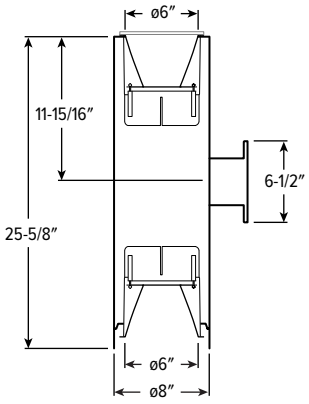
RELEASE

CROSS SECTIONS

CM



WM

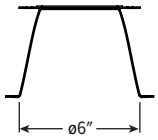


8CRDI dim to WARM
8″ Direct/Indirect Cylinder – Round

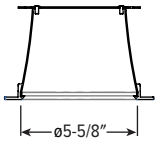
TRIM TYPE DETAILS

DOWNLIGHT

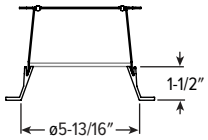
OPEN



FLUSH

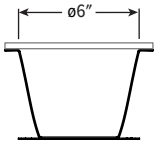


REGRESSED

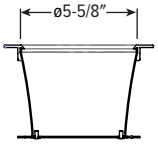


UPLIGHT WALL MOUNT

OPEN

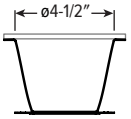


FLUSH

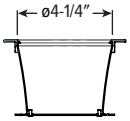


UPLIGHT CABLE MOUNT

OPEN



FLUSH



MOUNTING DETAILS

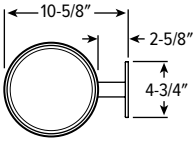
CABLE MOUNT (CM__)

Cable mount fixtures are provided with:

- Adjustable length aircraft cable, must specify length in 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)

Mounts to 4″ square J-box



CORD OPTIONS

Must specify cord when cable mounting.

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

1 Standard cord only.

COLOR DETAILS

Additional colors may be available, consult factory.

White

Black

Brass

Aegean Blue

Red

Silver

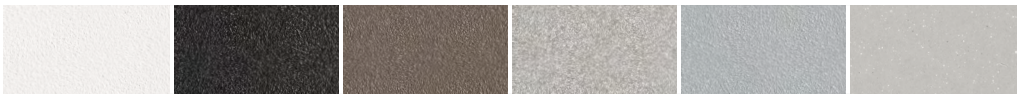
Gunmetal

Nickel

Gray

HOUSING FINISH DETAILS

WHITE BLACK BRONZE NICKEL SILVER ALUM

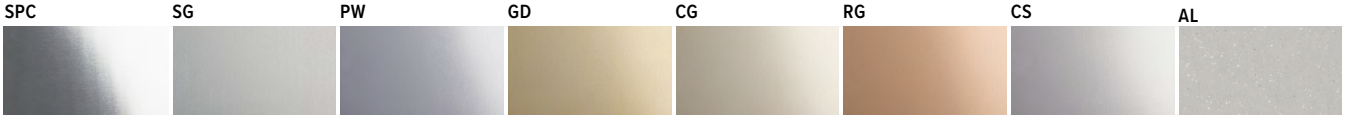


For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1″ square.

REFLECTOR FINISH DETAILS

SMOOTH FINISH

SPC SG PW GD CG RG CS AL



TEXTURED FINISH

WH BL BZ NK SV