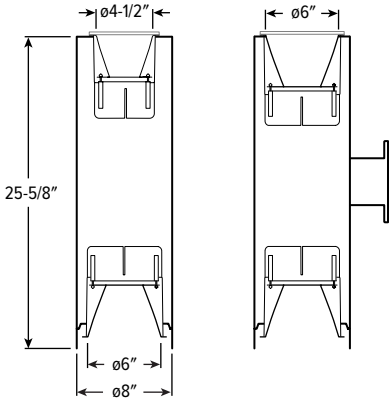
8CRDI dim to WARM

8″ Direct/Indirect Cylinder – Round



Cable Mount Wall Mount

CATALOG #: _____

TYPE: _____

PROJECT: _____

TrimLock®

ORDERING EXAMPLE: 8CRDI - TL - 26 - L25/9DWU/L25/9DWD - OPTIONS - WHT - DIM1 - UNV - LW/LM - CS - TRIM OPTIONS - CM

HOUSING | TRIM | MOUNT.

HOUSING

SERIES

8CRDI - TL TrimLock

HEIGHT

26 26″

LUMEN PACKAGE (Example: L25/9DWU/L15/9DWD)

Specify lumen packages: **U** for Up and **D** for Down

LUMENS [2]

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

EM/10WRM/RTS Remote mount 10-watt emergency battery with regressed test switch [1]
F Fuse
RDB Remote mount control/driver box, galvanized steel

HOUSING FINISH

ALUM Silver sparkle aluminum
BLK Textured black
BRZ Textured bronze
NKL Textured nickel
SLV Textured silver
WHT Textured white

CONTROL

See page 4 for CONTROL DETAILS.

DIM1 1% dimming driver (0-10V signal to control dimming and CCT)
LUT Lutron Ecosystem enabled

VOLTAGE

UNV 120-277V
347 347V

TRIM

TRIM TYPE AND DISTRIBUTION

(Example Uplight/Downlight: **LW/LM**)

TRIM TYPE

Uplight
- **O** Open reflector with clear glass shield [6]
- **L** Flush lens [7]

Downlight
- **O** Open reflector
- **F** Open reflector with frosted top diffuser
- **L** Flush lens
- **R** Regressed lens

DISTRIBUTION

See page 2 for BEAM ANGLE.

Uplight
- **W** Wide
- **M** Medium [8]
- **N** Narrow [9]

Downlight
- **W** Wide
- **M** Medium
- **N** 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]

MOUNTING

MOUNTING TYPE [10]

CM__ Adjustable aircraft cable mount, 24″, 48″, 96″, or 144″ only, must specify. Example: 24″ cable = **CM24** [11]
WM Wall mount

NOTES

1. Max remote distance 50′, including suspension length. Large remote box provided. EM light defaults to downlight output. Specify CEC in option code when California Energy Commission regulations are required. See page 4 for EMERGENCY BATTERY DETAILS.
2. 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
3. Specified for Downlight Trim Type only. See page 5 for REFLECTOR FINISH DETAILS.
4. Not available with O or F Trim Types. Downlight only. W Distribution only.
5. Not available with O or F Trim Types. Downlight only. W Distribution only.
6. CS Reflector Finish standard. Other colors available, consult factory.
7. Not available with WM Mounting Type. Trim finish matches Housing Finish. Other colors available, consult factory.
8. O Trim Type only.
9. O Trim Type only.
10. See page 5 for MOUNTING DETAILS.
11. 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

- Mimic the comfortable, welcoming glow of incandescent with warm-dimming technology
- 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
- 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.
- 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.
  - 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

		DOWNLIGHT							UPLIGHT WALL MOUNT			UPLIGHT CABLE MOUNT				
			OPEN REFLECTOR		FLUSH LENS		REGRESSED LENS			OPEN REFLECTOR			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)	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	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

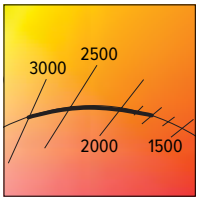
	REFLECTOR FINISH	
	CATALOG NUMBER	CONVERSION FACTOR
O TRIM	CS	1.00
	SG [1]	0.92
	GD	0.93
	CG	0.96
	PW	0.86
	SPC	1.02
	RG	0.88
	WH [1]	0.89
	BL [1]	0.47

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
F	0.75
AD	0.85
PD	0.85

BEAM ANGLE

	TRIM TYPE [2]						
	DOWNLIGHT				WM UPLIGHT	CM UPLIGHT	
	O	F	L	R	O	O	L
W	65°	70°	55°	55°	65°	65°	50°
M	35°	35°	35°	35°	35°	45°	35°
N	10°	20°	25°	25°	10°	10°	25°



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

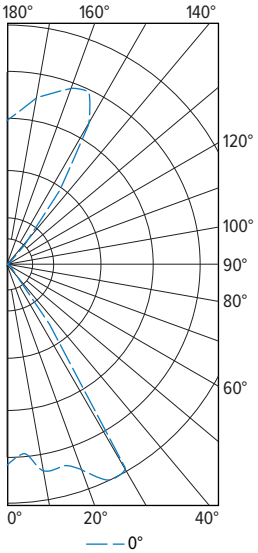
- 3000K CCT at 100% (full output) and 1800K CCT at 1% (full dim)
- Photometrics tested in accordance with IESNA LM-79. Results based on CS (O Trim Type) or WH (L and R Trim Types) Reflector Finish, W Distribution, 95 CRI/3000K CCT, average wattage for 120V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- 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.

PHOTOMETRY CONTINUED ON NEXT PAGE.

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

PHOTOMETRY

8CRDI-TL-26-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

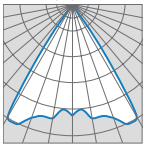
VERTICAL ANGLE	HORIZONTAL ANGLE 0°	ZONAL LUMENS
0	2078	
5	1963	196
15	2157	620
25	2464	1113
35	751	604
45	57	48
55	16	17
65	2	3
75	0	0
85	0	1
90	4	
95	5	6
105	8	8
115	12	13
125	26	24
135	66	72
145	939	576
155	1970	878
165	1827	522
175	1598	158
180	1482	

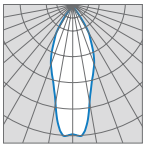
LUMEN SUMMARY

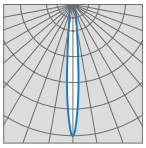
ZONE	LUMENS	% FIXTURE
0 - 30	1929	40
0 - 40	2533	52
0 - 60	2597	54
0 - 90	2601	54
90 - 120	26	1
90 - 150	699	14
90 - 180	2256	47
0 - 180	4857	100

DOWNLIGHT

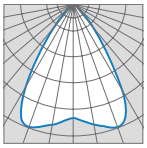
OPEN (O)

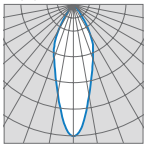

65° Wide


35° Medium


10° Narrow

OPEN TOP DIFFUSER (F)


70° Wide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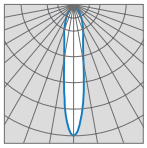
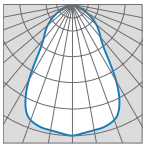

20° Narrow

FLUSH (L)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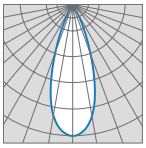
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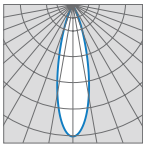
25° Narrow

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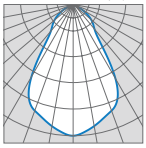
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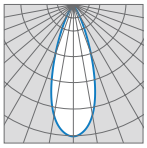
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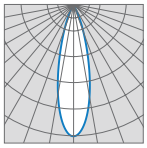
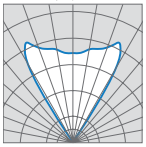

25° Narrow

UPLIGHT CABLE MOUNT

OPEN (O)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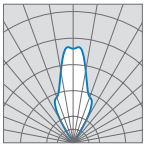
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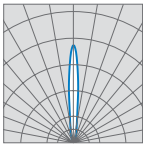
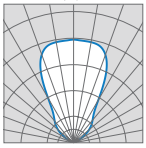
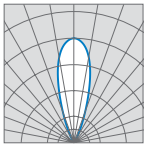

10° Narrow

FLUSH (L)


50° Wide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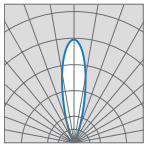

25° Narrow

SEE NEXT PAGE FOR CONTROL DETAILS

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

CONTROL DETAILS

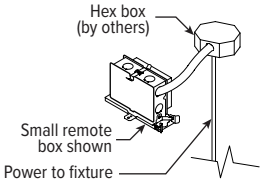
If using two different stops for U/D, see highest lumen stop for RDB.

CONTROL	DESCRIPTION	RDB DETAILS BY LUMEN STOP			
		L8	L15	L25	w/EM
DIM1	1% dimming driver (0-10V signal to control dimming and CCT) prewired for low voltage applications	O I S	O I S	O I M	R I L
LUT	Lutron Ecosystem enabled	O I M	O I M	O I M	R I L

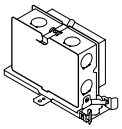
REMOTE MOUNT KEY	
O I S	RDB Optional, Small Box
O I M	RDB Optional, Medium Box
R I L	RDB Required, Large Box

REMOTE MOUNT DETAILS

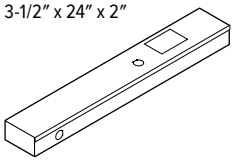
Max remote distance is 50′ including suspension length, connection by others. Must be room-side accessible for maintenance.



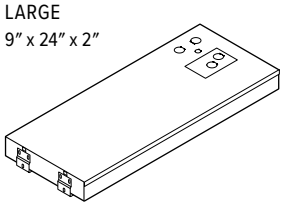
SMALL
Snap-in junction box
6-1/2″ x 3″ x 4-1/2″



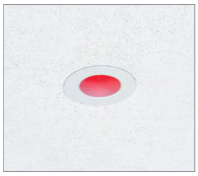
MEDIUM
3-1/2″ x 24″ x 2″



LARGE
9″ x 24″ x 2″

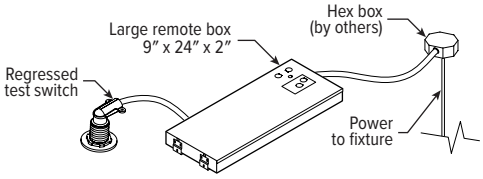


EMERGENCY BATTERY DETAILS



Regressed test switch
ø1-3/4″

Max remote distance is 50′ including suspension length, connection by others.



TRIMLOCK DETAILS

TWIST

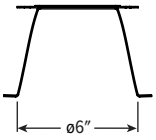
PULL

RELEASE

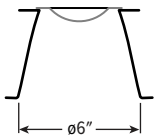
TRIM TYPE DETAILS

DOWNLIGHT

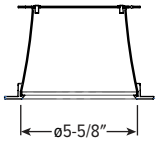
OPEN



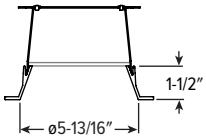
OPEN TOP DIFFUSER



FLUSH

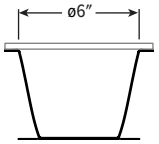


REGRESSED



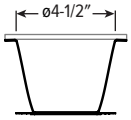
UPLIGHT WALL MOUNT

OPEN

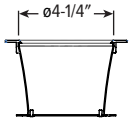


UPLIGHT CABLE MOUNT

OPEN



FLUSH



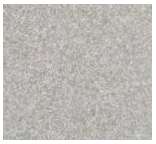
HOUSING FINISH DETAILS

WHITE

BLACK

BRONZE

NICKEL



SILVER

ALUM

RAL#____

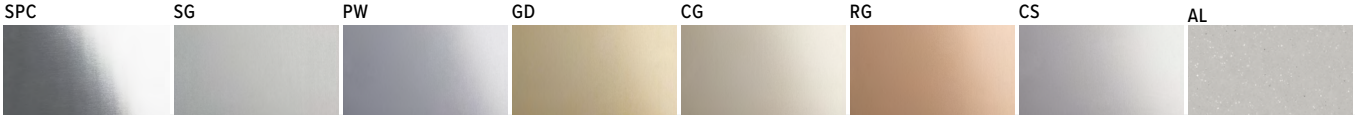
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require four sample swatches, minimum 1″ square.

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

REFLECTOR FINISH DETAILS

Smooth Finish

SPC SG PW GD CG RG CS AL

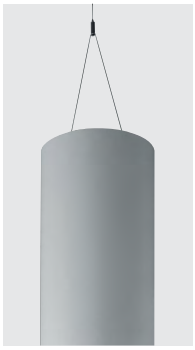


Textured Finish

WH BL BZ NK SV

MOUNTING DETAILS

CABLE MOUNT (CM__)

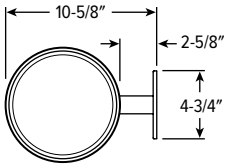


Provided with:

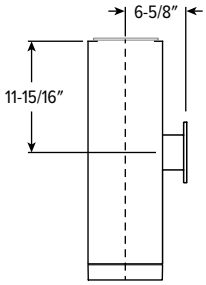
- Adjustable length aircraft cable, must specify length in 24″, 48″, 96″, or 144″ inches.
- 18-gauge cord, see Cord Options for ordering info.
- One 5″ canopy
- T-bar clip with 1/4-20 stud
- Hard ceiling anchor provided by others

WALL MOUNT (WM)

TOP VIEW

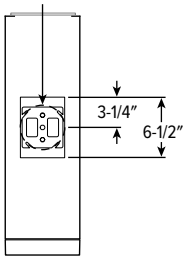


SIDE VIEW



BACK VIEW

ø4-3/4″ Bolt circle 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 **5** 5 **6** 6	**8** 18-gauge	**Standard** **/W** White **/B** Black **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.

White Black Brass Aegean Blue Red

Silver Gunmetal Nickel Gray