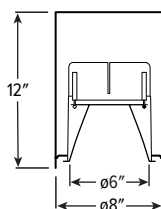


8CR dim to **WARM** 8" Compact Cylinder – Round



CATALOG #: _____

TYPE: _____

PROJECT: _____



TrimLock® TwistLock™

ORDERING EXAMPLE: **8CR - TL - 12 - L25/9DW - RDB - OPTIONS - WHT - DIM1 - UNV - OW - CS - TRIM OPTIONS - CM**
HOUSING TRIM MOUNT

HOUSING

SERIES	HEIGHT	LUMENS ^[1]	COLOR	REMOTE	OPTIONS
8CR - TL TrimLock	12 12"	L8 800lm L15 1,500lm L25 2,500lm	9DW Dim to warm (95 CRI, 1800K – 3000K)	RDB Remote mount control/driver box, galvanized steel	EM/10WRM/RTS Remote mount 10-watt emergency battery with regressed test switch ^[2] F Fuse

HOUSING FINISH ^[3]	CONTROL	VOLTAGE
ALUM Silver sparkle aluminum	See page 3 for CONTROL DETAILS.	UNV 120-277V
BLK Textured black		347 347V ^[4]
BRZ Textured bronze	DIM1 1% dimming driver (0-10V signal to control dimming and CCT)	
NKL Textured nickel	LUT Lutron Ecosystem enabled	
SLV Textured silver		
WHT Textured white		

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 ^[6]
F Open reflector with frosted top diffuser	W Wide	CS Clear semi-specular anodize	PD Diffuse 1/8" polycarbonate lens ^[7]
L Flush lens	M Medium	SG Satin-glow anodize	
R Regressed lens	N Narrow	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	
		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 ^[8]
CM Adjustable aircraft cable mount, 24", 48", 96", or 144" only, must specify. Example: 24" cable = CM24 ^[9]
PM Pendant mount. Example: 24" pendant = PM24 ^[10]
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.
- 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.
- See page 4 for HOUSING FINISH DETAILS.
- Not available with EM batteries.

- See page 4 for REFLECTOR FINISH DETAILS.
- 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.



8CR dim to WARM

8" 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
- 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
- Comprehensive list of mounting options – pendant, cable, wall and ceiling
- Ensure a simple and secure installation with TwistLock™ surface mount technology
- 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, 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>55,000 hours. Estimated L70 = 200,000 hours.
- MOUNTING – Surface, cable, pendant, 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

					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)
L8	3000K	1800K	W	14.0	887	63.3	739	52.8	716	51.1	
			M	14.0	860	61.5	797	56.9	775	55.4	
			N	14.0	823	58.8	802	57.3	781	55.8	
L15			W	23.4	1554	66.5	1296	55.5	1254	53.7	
			M	23.4	1508	64.5	1397	59.8	1359	58.2	
			N	23.4	1442	61.7	1405	60.1	1370	58.6	
L25			W	37.7	2471	65.5	2123	56.3	2054	54.5	
			M	37.7	2465	65.4	2284	60.6	2226	59.1	
			N	37.7	2518	66.8	2302	61.1	2243	59.5	

- 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

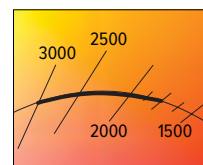
	TRIM TYPE ⁽²⁾			
	O	F	L	R
W	65°	70°	55°	55°
M	35°	35°	35°	35°
N	10°	20°	25°	25°

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

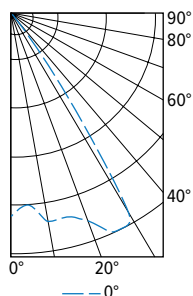
TRIM OPTIONS	
CATALOG NUMBER	CONVERSION FACTOR
F	0.75
AD	0.85
PD	0.85



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

PHOTOMETRY

8CR-TL-12-L25/9DW-DIM1-UNV-OW-CS Total Luminaire Output: 2471 lumens; 37.7 Watts | Efficacy: 65.5 lm/W | 95.0 CRI; 3000K CCT



	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
CANDLEPOWER DISTRIBUTION	0	2078	
	5	1963	187
	15	2157	611
	25	2464	1140
	35	751	472
	45	57	44
	55	16	15
	65	2	2
	75	0	0
	85	0	0
	90	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	2410	98
	0 - 60	2470	100
	0 - 90	2471	100
	0 - 180	2471	100

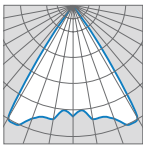
PHOTOMETRY CONTINUED ON NEXT PAGE.



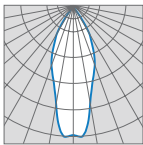
8CR dim to **WARM**

8" Compact Cylinder – Round

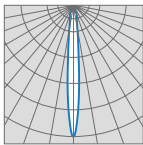
OPEN (O)



65° Wide

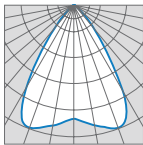


35° Medium

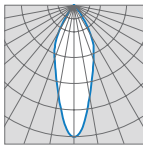


10° Narrow

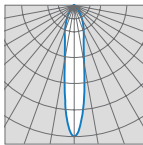
OPEN TOP DIFFUSER (F)



70° Wide

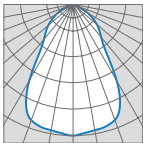


35° Medium

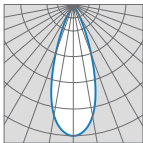


20° Narrow

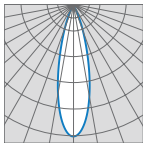
FLUSH (L)



55° Wide

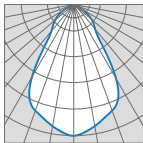


35° Medium

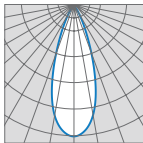


25° Narrow

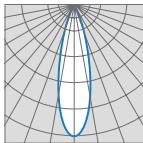
REGRESSED (R)



55° Wide



35° Medium



25° Narrow

CONTROL DETAILS

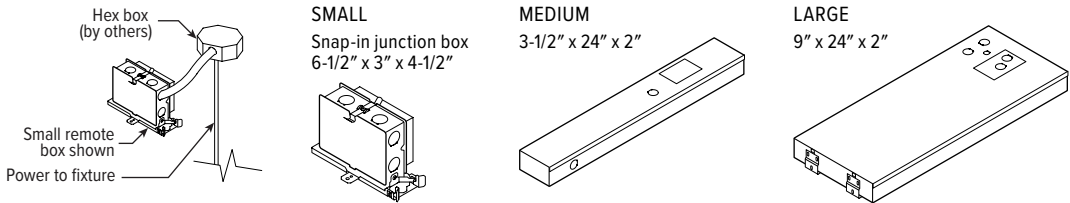
If using two different stops for U/D, see highest lumen stop for RDB.

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	RIS	RIS	RIM	RIL
LUT	Lutron Ecosystem enabled	RIM	RIM	RIM	RIL

REMOTE MOUNT KEY	
RIS	RDB Required, Small Box
RIM	RDB Required, Medium Box
RIL	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.

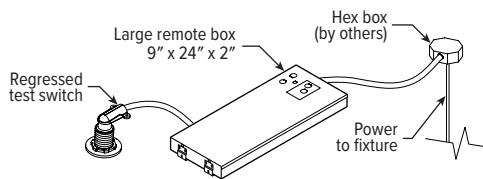


EMERGENCY BATTERY DETAILS



Regressed test switch
ø1-3/4"

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



TRIMLOCK DETAILS

TWIST



PULL

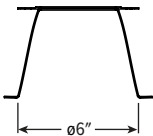


RELEASE

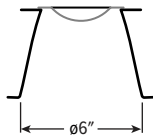


TRIM TYPE DETAILS

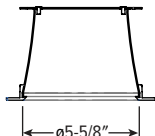
OPEN



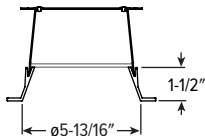
OPEN TOP DIFFUSER



FLUSH



REGRESSED

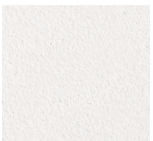


8CR dim to **WARM**

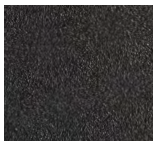
8" Compact Cylinder – Round

HOUSING FINISH DETAILS

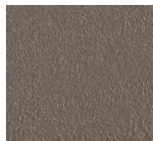
WHITE



BLACK



BRONZE



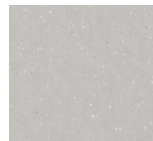
NICKEL



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.

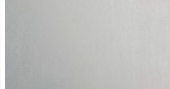
REFLECTOR FINISH DETAILS

Smooth Finish

SPC



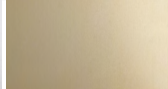
SG



PW



GD



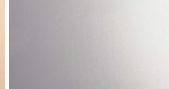
CG



RG



CS

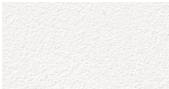


AL



Textured Finish

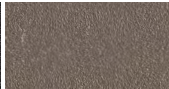
WH



BL



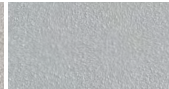
BZ



NK



SV



MOUNTING DETAILS

PENDANT MOUNT (PM__)



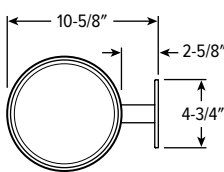
Provided with:

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

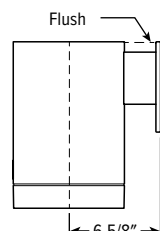
WALL MOUNT (WM)



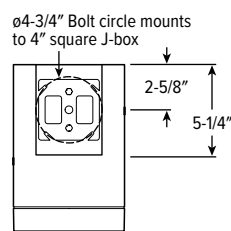
TOP VIEW



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

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

