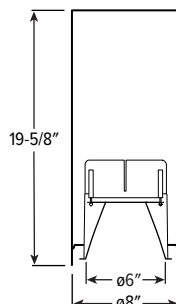


8CR tunable WHITE 8" Cylinder – Round



CATALOG #: _____

TYPE: _____

PROJECT: _____



ORDERING EXAMPLE: 8CR - TL - L13/8TW - OPTIONS - WHT - DIM - UNV - OW - CS - TRIM OPTIONS - CM

HOUSING TRIM MOUNT.

HOUSING

SERIES	LUMENS ^[1]	COLOR	OPTIONS	HOUSING FINISH ^[2]	CONTROL ^[3]	VOLTAGE
8CR - TL	L13 1,300lm	8TW Tunable white (80 CRI, 2700K-5000K)	See page 4 for EMERGENCY BATTERY OPTIONS.	ALUM Silver sparkle aluminum	DALI Driver prewired for DALI applications	UNV 120-277V
TrimLock	L23 2,300lm		F Fuse	BLK Textured black	DIM Dimming driver with (1) 0-10V signal to control dimming and (1) 0-10V signal to control CCT	
	L42 4,200lm		RDB Remote mount control/driver box, painted black ^[4]	BRZ Textured bronze	DMX Driver prewired for DMX applications ^[5]	
				NKL Textured nickel	PSQ Lutron T-Series 2-channel tunable white 1%.	
				SLV Textured silver		
				WHT Textured white		

TRIM

TRIM TYPE	DISTRIBUTION ^[6]	REFLECTOR FINISH ^[7]	TRIM OPTIONS
O Open reflector	W 65° Wide	Open Trim Types	AD Diffuse acrylic lens ^[10]
L Flush lens	M 35° Medium ^[8]	CS Clear semi-specular anodize	PD Diffuse 1/8" polycarbonate lens ^[11]
R Regressed lens	N 10° Narrow ^[9]	SG Satin-glow anodize	TD Diffuse polycarbonate lens media at top of open reflector ^[12]
		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 ^[13]

CM__ Adjustable aircraft cable mount, 24", 48", 96", or 144" only, must specify. Example: 24" cable = CM24 ^[14]

PM__ Pendant mount. Example: 24" pendant = PM24 ^[15]

SM__ TwistLock surface mount to octagonal J-box

WM__ Wall mount

NOTES

¹ Lumen output based on O trim type, W distribution and CS finish, 4000K/80CRI. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA

² See page 3 for HOUSING FINISH DETAILS.

³ See page 4 for CONTROL DETAILS.

⁴ Painted white available, specify RDB/WHT.

⁵ CM Mounting Type only.

⁶ Beam angle based on O Trim Type and CS reflector finish. Trim Type affects beam angle.

⁷ See page 2 for FIXTURE PERFORMANCE DATA.

⁸ See page 3 for REFLECTOR FINISH DETAILS.

⁹ Not available with L42 lumen stop when specified with L or R trim types.

⁹ Not available with L42 lumen stop when specified with L or R trim types.

¹⁰ Not available with O trim type. W distribution only.

¹¹ Not available with O trim type. W distribution only.

¹² O Trim Type only.

¹³ See page 4 for MOUNTING DETAILS.

¹⁴ Canopy painted white unless specified otherwise. Must specify cord. See page 4 for CORD OPTIONS.

¹⁵ Specify length in 1" increments, minimum 6". Canopy and pendant match fixture housing color unless specified otherwise.



8CR tunable WHITE

8" Cylinder – Round

FEATURES

TrimLock® | TwistLock™

- High-output illumination for tall ceilings
- Support human-centric design with adaptive, individualized lighting using tunable white light
- 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
- Limitless application opportunities via pendant, cable, wall and ceiling mounts
- Ensure a simple and secure installation with TwistLock™ surface mount technology
- Precision-engineered extruded aluminum housing and die-cast aluminum trim face for clean aesthetic

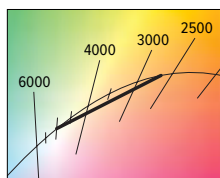
SPECIFICATIONS

- 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 LED array. Modular quick-connect plug for easy field-connection of LED light assembly to driver. Reported L70>50,000 hours. Tunable White products use LEDs of multiple CCTs and may produce a perceptibly different shade of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.
- MOUNTING** – Surface, cable, pendant, or wall mount. Indoor applications only. Max weight 14 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

	DISTRIBUTION	WATTAGE	OPEN REFLECTOR TRIM TYPE		FLUSH LENS TRIM TYPE		REGRESSED LENS TRIM TYPE	
			DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)
L13	W	14.6	1320	90.4	1135	78.0	1098	75.5
	M	14.6	1317	90.2	1220	83.6	1183	81.0
	N	14.6	1345	92.1	1231	84.5	1199	82.4
L23	W	24.0	2357	98.0	1964	81.7	1900	79.0
	M	24.0	2285	95.0	2117	88.0	2059	85.6
	N	24.0	2187	90.9	2129	88.5	2075	86.3
L42	W	44.9	4304	96.0	3596	80.2	3480	77.6
	M	44.9	4173	93.0	–	–	–	–
	N	44.9	3994	89.0	–	–	–	–

- ¹ Distribution will also be affected, consult factory.
- 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 4000K, 80 CRI, actual lumens 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		
	OPEN	FLUSH	REGRESSED
W	65°	55°	55°
M	35°	35°	35°
N	10°	25°	25°

MULTIPLIER TABLES

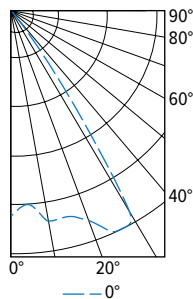
COLOR TEMPERATURE		
CCT	LUMENS	WATTS
2700K	0.83	1.03
3000K	1.00	1.00
3500K	0.99	0.99
4000K	1.00	1.00
5000K	0.98	1.03

TRIM	
CATALOG NUMBER	CONVERSION FACTOR
AD	0.85
PD	0.85
TD	0.75

	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
R TRIM	WH ⁽¹⁾	0.89
	BL ⁽¹⁾	0.47
	WH	1.00
	CS ⁽¹⁾	0.98
R TRIM	BL ⁽¹⁾	0.79
	BZ ⁽¹⁾	0.76
	NK ⁽¹⁾	0.81
	SV ⁽¹⁾	0.81
	AL ⁽¹⁾	0.86

PHOTOMETRY

8CR-TL-L13/8TW-DIM-UNV-OW-CS Total Luminaire Output: 1320 lumens; 14.6 Watts | Efficacy: 90.4 lm/W | 80.0 CRI; 4000K CCT



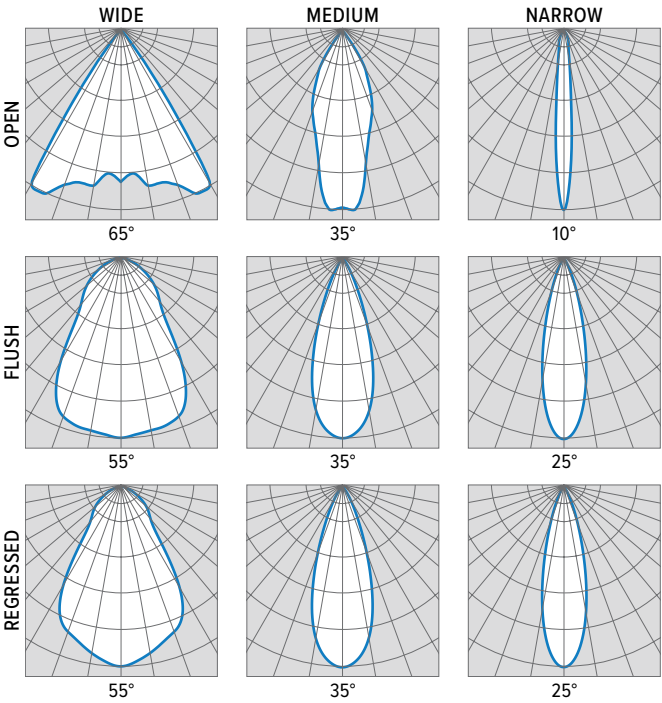
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	1110	
	5	1049	100
	15	1152	327
	25	1316	609
	35	401	252
	45	31	24
	55	9	8
	65	1	1
	75	0	0
	85	0	0
	90	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1288	98
	0 - 60	1320	100
	0 - 90	1320	100
	0 - 180	1320	100

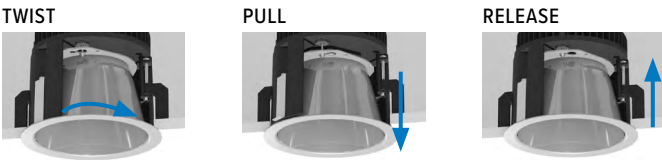


8CR tunable WHITE

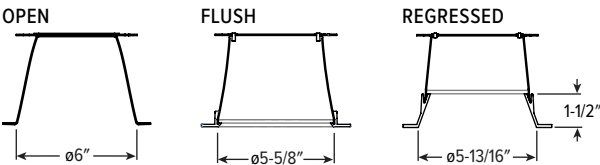
8" Cylinder – Round



TRIMLOCK DETAILS



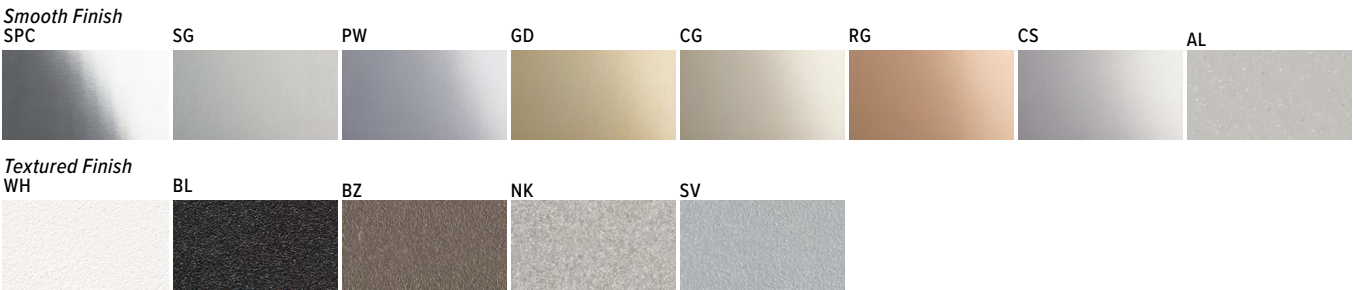
TRIM TYPE DETAILS



HOUSING FINISH DETAILS



REFLECTOR FINISH DETAILS



8CR tunable WHITE

8" Cylinder – Round

EMERGENCY BATTERY OPTIONS

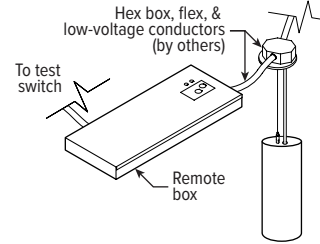
Max remote distance 50', including suspension length. Specify CEC in the option code when California Energy Commission regulations are required.

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]

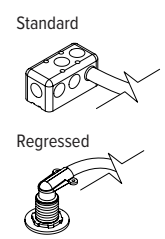
¹ For use in grid ceiling installations only.

² Not available when CEC regulations are required.

RDB OPTION DETAILS



TEST SWITCH DETAILS



MOUNTING DETAILS

PENDANT MOUNT (PM__)



Swivel pendant mount fixtures are provided with:

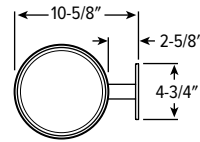
- 45° Swivel canopy
- 3/8" IPS Threaded stem
- Specify length of stem, 6" minimum, 24" default length

WALL MOUNT (WM)

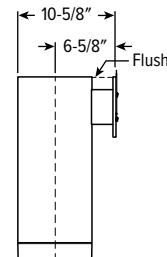


Mounts to 4" square J-box

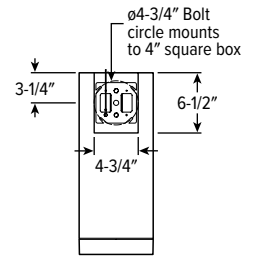
TOP VIEW



SIDE VIEW



BACK VIEW



SURFACE MOUNT (SM)



TwistLock™

Simple lift-and-twist mounting secures fixture to J-box.

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

CORD OPTIONS

Must specify cord when cable mounting.

ORDERING EXAMPLE: S2438/W				
CORD TYPE	LENGTH	# CONDUCTORS	WIRE SIZE	COLOR
S Straight	24	3	8 18-gauge	Standard
	24"	3		/W White
	48	4		/B Black
	48"	4		Braided ^[1]
	96	5		/WH White
		6		/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.



CONTROL DETAILS

DIM



DALI



DMX



LUTRON T-SERIES

