

PROJECT: _____

TrimLock® | TwistLock™

- High-output illumination for tall ceilings
- Create a comfortable, welcoming ambience 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
- Limitless application opportunities via pendant, cable, wall and ceiling mounts
- Ensure a simple and secure installation with TwistLock™ surface mount technology

- **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** – Surface, cable, pendant, or wall mount. Indoor applications only. Max weight 14 lbs.
- **LISTINGS** –
 - cCSAs 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 <http://www.warranty.vt>.

ORDERING EXAMPLE: 8CR - TL - L25/9DW - OPTIONS - WHT - DIM - UNV - OW - CS - TRIM OPTIONS - CM

SERIES	LUMENS ^[1]	COLOR	OPTIONS	HOUSING FINISH ^[2]	CONTROL	VOLTAGE
8CR - TL TrimLock	L8 800lm	9DW Dim to warm (95 CRI, 1800K – 3000K)	EM/10W 10-watt emergency battery ^[3] F Fuse SDT Stepdown transformer ^[4]	ALUM Silver sparkle aluminum	DIM Dimming driver, 0-10V LUT Lutron Ecosystem enabled	UNV 120- 277V 347 347V ^[5]
	L15 1,500lm					
	L25 2,500lm					
				BLK Textured black BRZ Textured bronze NKL Textured nickel SLV Textured silver WHT Textured white		

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

CM__ Adjustable aircraft cable mount, 24" length standard. Example: 24" cable = **CM24** ^[12]
PM__ Pendant mount. Example: 24" pendant = **PM24** ^[13]
SM TwistLock surface mount to octagonal J-box
WM Wall mount

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 See page 4 for HOUSING FINISH DETAILS.

3 Increases fixture size. See page 3 for EMERGENCY BATTERY DETAILS.

4 May be required for 347V, see product builder at hew.com/product-builder

5 Not available with EM batteries.

6 Beam angle based on O Trim Type and CS reflector finish. Trim Type affects beam angle. See page 2 for FIXTURE PERFORMANCE DATA

7 See page 4 for REFLECTOR FINISH DETAILS.

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

9 Not available with O trim type. W distribution 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.

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

8CR dim to WARM

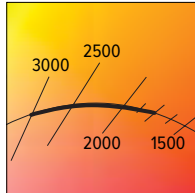
8" Cylinder – Round

FIXTURE PERFORMANCE DATA

					OPEN REFLECTOR TRIM TYPE		FLUSH LENS TRIM TYPE		REGRESSED LENS TRIM TYPE	
	CCT AT 100% (FULL OUTPUT)	CCT AT 1% (FULL DIM)	DISTRIBUTION	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

BEAM ANGLE

	TRIM TYPE		
	OPEN	FLUSH	REGRESSED
W	65°	55°	55°
M	35°	35°	35°
N	10°	25°	25°



- 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 3000K/95CRI, actual lumens may vary +/-5%.
 - Use multiplier tables to calculate additional options.

MULTIPLIER TABLES

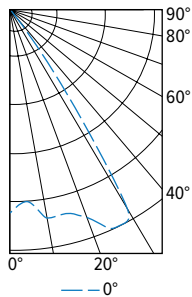
REFLECTOR FINISH	
CATALOG NUMBER	CONVERSION FACTOR
CS	1.00
SG ^[1]	0.92
GD	0.93
CG	0.96
PW	0.86
SPC	1.02
RG	0.88
WH ^[1]	0.89
BL ^[1]	0.47

O 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

R TRIM	
AD	0.85
PD	0.85
TD	0.75

PHOTOMETRY

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

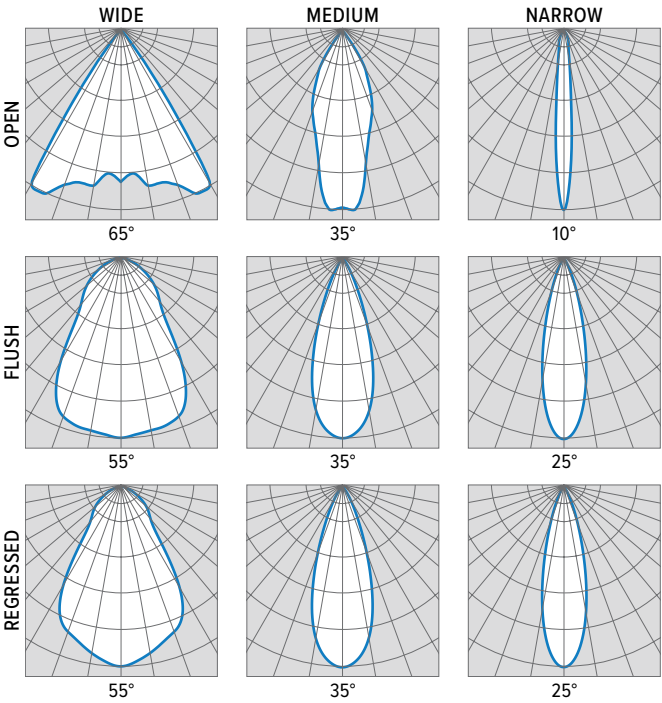


CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE 0°	ZONAL LUMENS
	0	2078	
	5	1963	187
	15	2157	611
	25	2464	1140
	35	751	472
	45	57	44
	55	16	15
	65	2	2
	75	0	0
	85	0	0
	90	0	

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



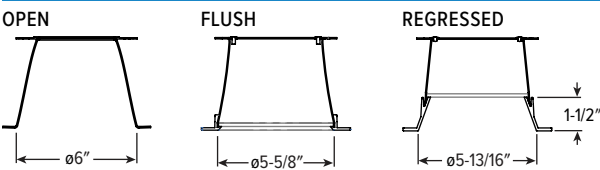
8CR dim to **WARM**
8" Cylinder – Round



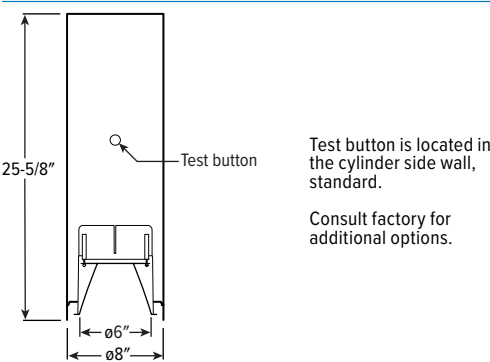
TRIMLOCK DETAILS



TRIM TYPE DETAILS



EMERGENCY BATTERY DETAILS



8CR dim to WARM

8" Cylinder – Round

MOUNTING DETAILS

PENDANT MOUNT (PM__)

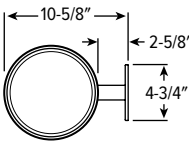


- Swivel pendant mount fixtures are provided with:
- 45° Swivel canopy
 - 3/8" IPS Threaded stem
 - Specify length of stem, 6" minimum, 24" default length

WALL MOUNT (WM)



Mounts to 4" square J-box



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 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 24"	3 3	8 18-gauge	Standard
	48 48"	4 4 ⁽¹⁾		/W White
	96 96"	5 5		/B Black
		6 6 ⁽¹⁾		Braided
				/WH White
				/BL Black
				/BR Brass
				/AE Aegean Blue
				/RE Red
				/SV Silver
				/GU Gunmetal
				/NK Nickel
				/GR Gray

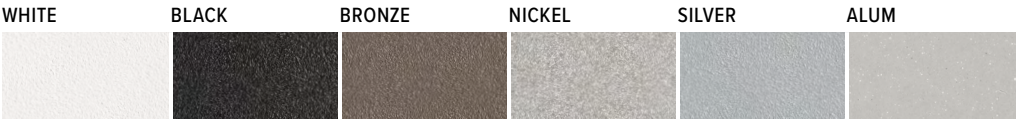
¹ Standard cord only.

COLOR DETAILS

Additional colors may be available, consult factory.



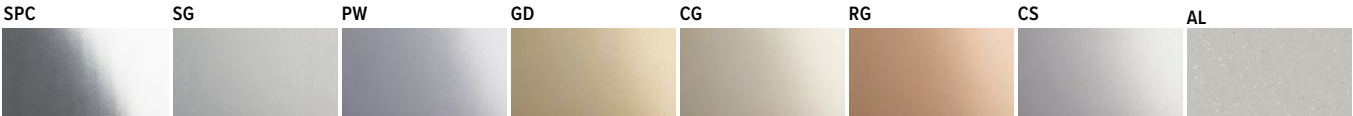
HOUSING FINISH DETAILS



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



TEXTURED FINISH

