

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

TrimLock® | TwistLock™

- Wide range of lumen options for general illumination
- 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
- Limitless application opportunities via pendant, cable, power cord, wall and ceiling mounts
- Ensure a simple and secure installation with TwistLock™ surface mount technology

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** – Surface, cable, pendant, power cord, or wall mount. Indoor applications only. Max weight 9-1/2 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: 6CR - TL - L24/9DW - OPTIONS - WHT - DIM - UNV - OW - CS - TRIM OPTIONS - CM

HOUSING TRIM MOUNT

HOUSING

SERIES	LUMENS ^[1]	COLOR	OPTIONS	HOUSING FINISH ^[2]	CONTROL	VOLTAGE
6CR - TL	L8 800lm	9DW Dim to warm	F Fuse	ALUM Silver sparkle aluminum	DIM Dimming driver, 0-10V	UNV 120-277V
TrimLock	L15 1,500lm	(95 CRI, 1800K – 3000K)	SDT Stepdown transformer ^[3]	BLK Textured black	LUT Lutron Ecosystem enabled	347 347V
	L24 2,400lm			BRZ Textured bronze		
				NKL Textured nickel		
				SLV Textured silver		
				WHT Textured white		

TRIM

TRIM TYPE	DISTRIBUTION ^[4]	REFLECTOR FINISH ^[5]	TRIM OPTIONS
O Open reflector	W 65° Wide	Open Trim Types	AD Diffuse acrylic lens ^[6]
L Flush lens	M 45° Medium	CS Clear semi-specular anodize	PD Diffuse 1/8" polycarbonate lens ^[7]
R Regressed lens	N 10° Narrow	SG Satin-glow anodize	TD Diffuse polycarbonate lens media at top of open reflector ^[8]
		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 ^[9]

CM__	Adjustable aircraft cable mount, 24" length standard. Example: 24" cable = CM24 ^[10]
PM__	Pendant mount. Example: 24" pendant = PM24 ^[11]
PC__	Power cord mount. Example: 24" cord = PC24 ^[12]
SM	TwistLock surface mount to octagonal J-box
WM	Wall mount

NOTES

- Lumen output based on O trim type, W distribution and CS finish, 3000K/95CR. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- See page 4 for HOUSING FINISH DETAILS.
- May be required for 347V, see product builder at hew.com/product-builder. Increases fixture weight by 2 lbs.
- Beam angle based on O Trim Type and CS reflector finish. Trim Type affects beam angle. See page 2 for FIXTURE PERFORMANCE DATA.
- See page 4 for REFLECTOR FINISH DETAILS.
- Not available with O trim type. W distribution only.
- Not available with O trim type. W distribution only.
- O Trim Type only.
- See page 4 for MOUNTING DETAILS.
- 48" and 96" lengths available. 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.
- 48" and 96" lengths available. Canopy painted white unless specified otherwise. Must specify cord. See page 4 for CORD OPTIONS.



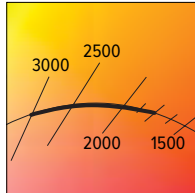
6CR dim to **WARM** 6.5" Cylinder – Round

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	862	61.6	670	47.9	678	48.4
			M	14.0	830	59.3	760	54.3	763	54.5
			N	14.0	800	57.1	765	54.7	769	54.9
L15			W	23.4	1511	64.6	1175	50.3	1188	50.8
			M	23.4	1455	62.3	1333	57.0	1337	57.2
			N	23.4	1402	60.0	1242	57.4	1348	57.7
L24			W	37.7	2228	59.1	1925	51.1	1945	51.6
			M	37.7	2226	59.0	1995	52.9	1997	52.9
			N	37.7	2228	59.1	2197	58.3	2208	58.6

BEAM ANGLE

	TRIM TYPE		
	OPEN	FLUSH	REGRESSED
W	65°	50°	50°
M	45°	35°	30°
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

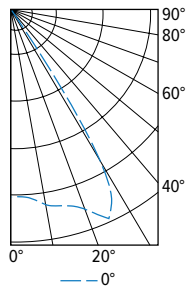
REFLECTOR FINISH	
CATALOG NUMBER	CONVERSION FACTOR
CS	1.00
SG ^[1]	0.92
GD	0.93
CG	0.96
PW	0.86
SPC	1.02
RG	0.88
WH ^[1]	0.89
BL ^[1]	0.47

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

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

PHOTOMETRY

6CR-TL-L24/9DW-DIM-UNV-OW-CS Total Luminaire Output: 2228 lumens; 37.7 Watts | Efficacy: 59.1 lm/W | 95.0 CRI; 3000K CCT

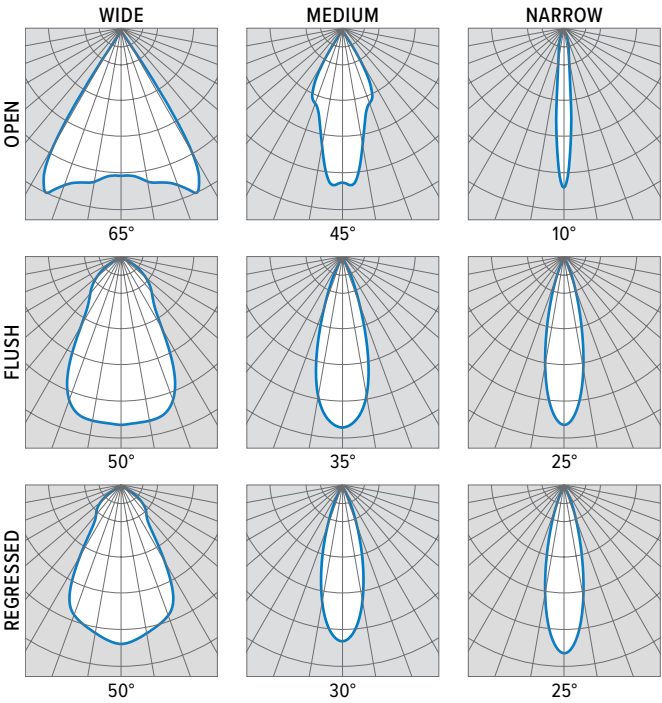


	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
CANDLEPOWER DISTRIBUTION	0	2011	
	5	2071	198
	15	2178	617
	25	2479	1147
	35	341	215
	45	49	38
	55	12	11
	65	1	1
	75	0	0
	85	0	0
	90	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	2176	98
	0 - 60	2226	100
	0 - 90	2228	100
	0-180	2228	100



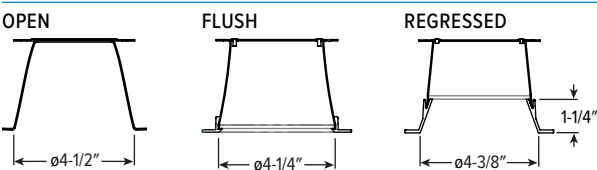
6CR dim to **WARM** 6.5" Cylinder – Round



TRIMLOCK DETAILS



TRIM TYPE DETAILS



6CR dim to **WARM**

6.5" Cylinder – Round

MOUNTING DETAILS

PENDANT MOUNT (PM__)



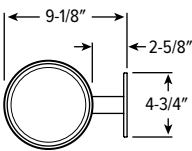
Swivel pendant mount fixtures are provided with:

- 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

POWER CORD MOUNT (PC)



Power cord mount fixtures are provided with:

- 18-gauge cord in choice of 9 colors, see Cord Options for ordering info.
- One 5" canopy
- Power cord mounting adaptor

CORD OPTIONS

Must specify cord when cable and power cord 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

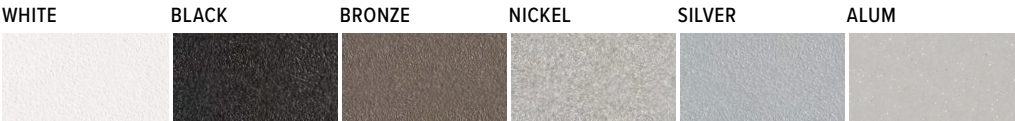
¹ Standard cord only.

COLOR DETAILS

Additional colors may be available, consult factory.



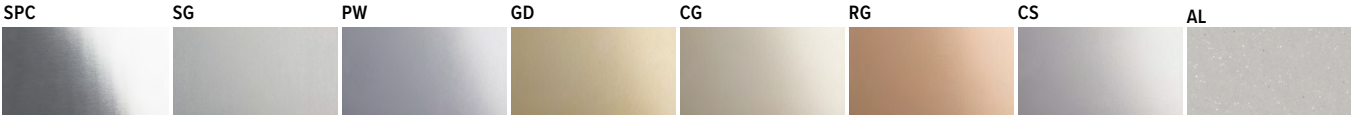
HOUSING FINISH DETAILS



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

