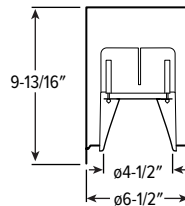


6CR dim to **WARM** 6.5" Compact Cylinder – Round



CATALOG #: _____

TYPE: _____

PROJECT: _____



TrimLock® TwistLock™

ORDERING EXAMPLE: **6CR - TL - 10 - L24/9DW - RDB - OPTIONS - WHT - DIM1 - UNV - OW - CS - TRIM OPTIONS - CM**
HOUSING TRIM MOUNT

HOUSING

SERIES	HEIGHT	LUMENS ^[1]	COLOR	REMOTE	OPTIONS
6CR - TL TrimLock	10 10"	L8 800lm L15 1,500lm L24 2,400lm	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	DIM1 1% dimming driver (0-10V signal to control dimming and CCT)	347 347V
BRZ Textured bronze	LUT Lutron Ecosystem enabled	
NKL Textured nickel		
SLV Textured silver		
WHT Textured white		

TRIM

TRIM TYPE	DISTRIBUTION	REFLECTOR FINISH ^[4]	TRIM OPTIONS
O Open reflector	See page 2 for BEAM ANGLE.	Open Trim Types	AD Diffuse acrylic lens ^[5]
F Open reflector with frosted top diffuser	W Wide	CS Clear semi-specular anodize	PD Diffuse 1/8" polycarbonate lens ^[6]
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 ^[7]

CM ___	Adjustable aircraft cable mount, 24", 48", 96", or 144" only, must specify. Example: 24" cable = CM24 ^[8]
PM ___	Pendant mount. Example: 24" pendant = PM24 ^[9]
PC ___	Power cord mount. Example: 24" cord = PC24 ^[10]
SM	TwistLock surface mount to octagonal J-box
WM	Wall mount

NOTES

- ¹ 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
- ² 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.
- ³ See page 4 for HOUSING FINISH DETAILS.
- ⁴ See page 4 for REFLECTOR FINISH DETAILS.
- ⁵ Not available with O or F Trim Types. W Distribution only.

- ⁶ Not available with O or F Trim Types. W Distribution only.
- ⁷ See page 5 for MOUNTING DETAILS.
- ⁸ Canopy painted white unless specified otherwise. Must specify cord. See page 5 for CORD OPTIONS.
- ⁹ Specify length in 1" increments, minimum 6". Canopy and pendant match fixture housing color unless specified otherwise.
- ¹⁰ 48" and 96" lengths available. Canopy painted white unless specified otherwise. Must specify cord. See page 5 for CORD OPTIONS.



6CR dim to WARM

6.5" 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, power cord, wall and ceiling
- Ensure a simple and secure installation with TwistLock™ surface mount technology
- Low UGR meets LEED and WELL requirements
- 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, power cord, 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.

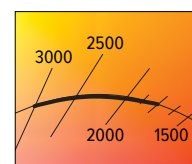
FIXTURE PERFORMANCE DATA

					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	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	

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

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



	REFLECTOR FINISH	
	CATALOG NUMBER	CONVERSION FACTOR
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

- 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.

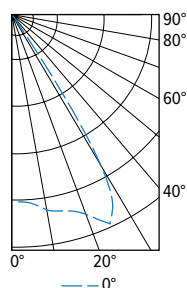
BEAM ANGLE

	TRIM TYPE ⁽²⁾			
	O	F	L	R
W	65°	60°	50°	50°
M	45°	50°	35°	30°
N	10°	25°	25°	25°

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

PHOTOMETRY

6CR-TL-10-L24/9DW-DIM1-UNV-OW-CS Total Luminaire Output: 2228 lumens; 37.7 Watts | Efficacy: 59.1 lm/W | 95.0 CRI; 3000K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	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		

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

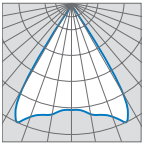
PHOTOMETRY CONTINUED ON NEXT PAGE.



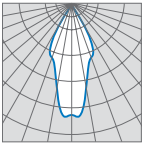
6CR dim to **WARM**

6.5" Compact Cylinder – Round

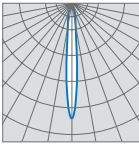
OPEN (O)



65° Wide

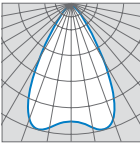


45° Medium

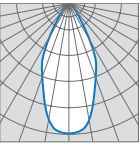


10° Narrow

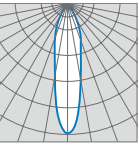
OPEN TOP DIFFUSER (F)



60° Wide

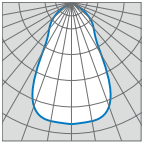


50° Medium

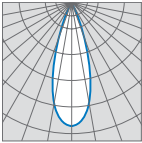


25° Narrow

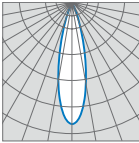
FLUSH (L)



50° Wide

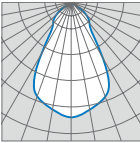


35° Medium

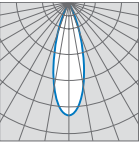


25° Narrow

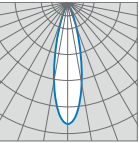
REGRESSED (R)



50° Wide



30° Medium



25° Narrow

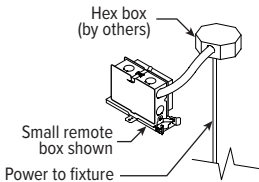
CONTROL DETAILS

CONTROL	DESCRIPTION	RDB DETAILS BY LUMEN STOP			
		L8	L15	L24	w/EM
DIM1	1% dimming driver (0-10V signal to control dimming and CCT) prewired for low voltage applications	R S	R S	R M	R L
LUT	Lutron Ecosystem enabled	R M	R M	R M	R L

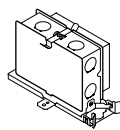
REMOTE MOUNT KEY	
R S	RDB Required, Small Box
R M	RDB Required, Medium Box
R L	RDB Required, Large Box

REMOTE MOUNT DETAILS

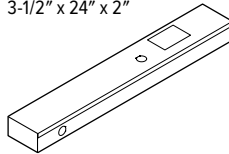
Max remote distance is 50' including suspension length, connection by others. Must be room-side accessible for maintenance.



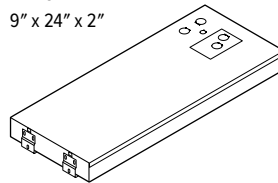
SMALL
Snap-in junction box
6-1/2" x 3" x 4-1/2"



MEDIUM
3-1/2" x 24" x 2"



LARGE
9" x 24" x 2"

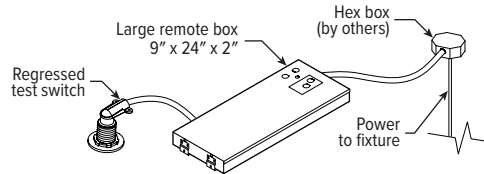


EMERGENCY BATTERY DETAILS



Regressed test switch
ø1-3/4"

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



TRIMLOCK DETAILS

TWIST



PULL

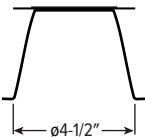


RELEASE

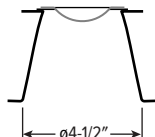


TRIM TYPE DETAILS

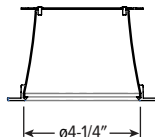
OPEN



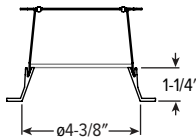
OPEN TOP DIFFUSER



FLUSH



REGRESSED

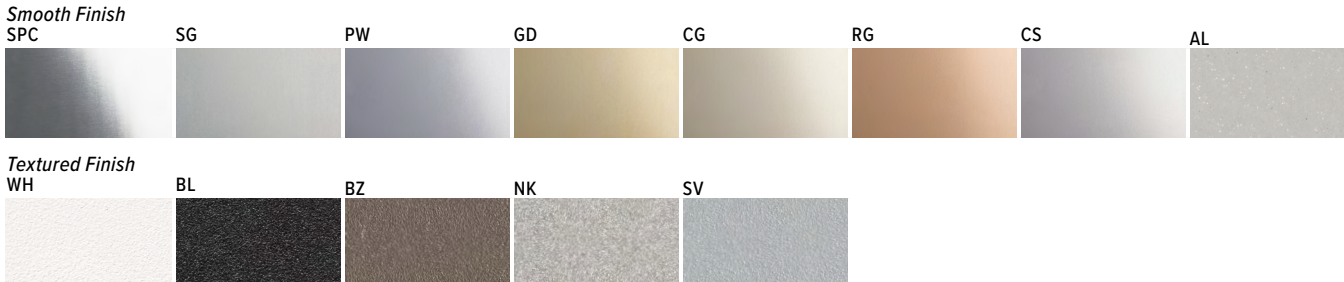


6CR dim to **WARM**
6.5" Compact Cylinder – Round

HOUSING FINISH DETAILS



REFLECTOR FINISH DETAILS



SEE NEXT PAGE FOR MOUNTING DETAILS.

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

MOUNTING DETAILS

PENDANT MOUNT (PM__)

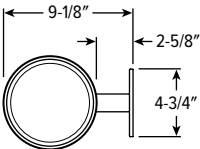


- Provided with:
- 38° Swivel canopy
 - 3/8" IPS Threaded stem
 - Specify length of stem, 6" minimum, 24" default length

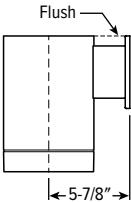
WALL MOUNT (WM)



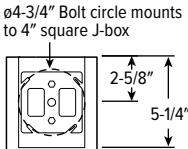
TOP VIEW



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

POWER CORD MOUNT (PC)



- Provided with:
- 18-gauge cord, 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" 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

COLOR DETAILS

Additional colors may be available, consult factory.



¹ (5) conductors cord only.