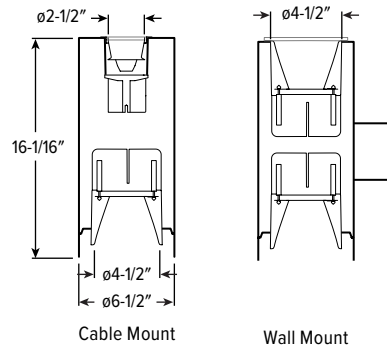


6CRDI dim to **WARM** 6.5" Compact Direct/Indirect Cylinder – Round



CATALOG #: _____

TYPE: _____

PROJECT: _____



TrimLock®

ORDERING EXAMPLE: 6CRDI - TL - 16 - L24/9DWU/L24/9DWD - RDB - OPTIONS - WHT - DIM1 - UNV - LW/LM - CS - TRIM OPTIONS - CM |
 HOUSING TRIM MOUNT.

HOUSING

SERIES	HEIGHT	LUMEN PACKAGE (Example: L24/9DWU/L15/9DWD)	REMOTE	OPTIONS
6CRDI - TL TrimLock	16 16"	Specify lumen packages: U for Uplight and D for Downlight LUMENS ^[3] COLOR U OR D L8 800lm 9DW Dim to warm U Uplight L15 1,500lm (95 CRI, 1800K) D Downlight L24 2,400lm – 3000K	RDB Remote mount control/driver box, galvanized steel ^[1]	EM/10WRM/RTS Remote mount 10-watt emergency battery with regressed test switch ^[2]

HOUSING FINISH ^[4]	CONTROL	VOLTAGE
ALUM Silver sparkle aluminum	See page 4 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 AND DISTRIBUTION (Example Uplight/Downlight: LW/LM)	REFLECTOR FINISH ^[5]	TRIM OPTIONS
TRIM TYPE DISTRIBUTION	Downlight Open Trim Types	Downlight Lens Trim Types
Uplight O Open reflector with clear glass shield ^[8] L Flush lens ^[9]	CS Clear semi-specular anodize SG Satin-glow anodize 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	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
Downlight O Open reflector F Open reflector with frosted top diffuser L Flush lens R Regressed lens	W Wide M Medium ^[10] N Narrow ^[11]	AD Diffuse acrylic lens ^[6] PD Diffuse 1/8" polycarbonate lens ^[7]
Downlight O Open reflector F Open reflector with frosted top diffuser L Flush lens R Regressed lens	W Wide M Medium N Narrow	

MOUNTING

MOUNTING TYPE ^[12]
CM Adjustable aircraft cable mount, 24", 48", 96", or 144" only, must specify. Example: 24" cable = CM24 ^[13]
WM Wall mount

NOTES

- Painted driver box available, specify RDB/BLK or RDB/WHT.
- Max remote distance 50', including suspension length. Large remote box provided. EM light defaults to downlight output. Specify CEC in the option code when California Energy Commission regulations are required. See page 4 for EMERGENCY BATTERY DETAILS.
- 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
- See page 4 for HOUSING FINISH DETAILS.
- Specified for Downlight Trim Type only. See page 4 for REFLECTOR FINISH DETAILS.
- Not available with O or F Trim Types. Downlight only. W Distribution only.
- Not available with O or F Trim Types. Downlight only. W Distribution only.
- CS Reflector Finish standard. Other colors available, consult factory.
- Not available with WM Mounting Type. Trim finish matches Housing Finish. Other colors available, consult factory.
- O Trim Type only when specified with WM Mounting Type.
- O Trim Type only.
- See page 5 for MOUNTING DETAILS.
- L15 lumen package max for uplight. Canopy painted white unless specified otherwise. Must specify cord. See page 5 for CORD OPTIONS.



6CRDI dim to WARM

6.5" Compact Direct/Indirect 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
- Smoothly accent walls and eliminate dark ceilings with direct and indirect lighting
- 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
- 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 lens (acrylic downlight, tempered glass uplight).
- 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 – Cable 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

	DIST.	WATTAGE	DOWNLIGHT						UPLIGHT WALL MOUNT			UPLIGHT CABLE MOUNT				
			OPEN REFLECTOR		FLUSH LENS		REGRESSED LENS		WATTAGE	OPEN REFLECTOR		WATTAGE	OPEN REFLECTOR		FLUSH LENS	
			DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)		DELIVERED LUMENS	EFFICACY (lm/W)		DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)
L8	W	14.0	862	62	670	48	678	48	14.0	731	52	14.8	585	40	785	53
	M	14.0	830	59	760	54	763	55	14.0	704	50	14.8	581	39	793	54
	N	14.0	800	57	765	55	769	55	14.0	678	48	14.8	482	33	–	–
L15	W	23.4	1511	65	1175	50	1188	51	23.4	1281	55	23.3	1013	43	1359	58
	M	23.4	1455	62	1333	57	1337	57	23.4	1234	53	23.3	1016	44	1390	60
	N	23.4	1402	60	1242	53	1348	58	23.4	1189	51	23.3	769	33	–	–
L24	W	37.7	2228	59	1925	51	1945	52	37.7	1889	50					
	M	37.7	2226	59	1995	53	1997	53	37.7	1887	50					
	N	37.7	2228	59	2197	58	2208	59	37.7	1889	50					

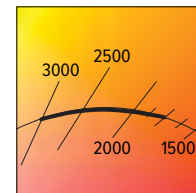
MULTIPLIER TABLES

	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
R TRIM	BL ⁽¹⁾	0.47
	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

BEAM ANGLE

	TRIM TYPE ⁽²⁾								
	DOWNLIGHT				WM UPLIGHT		CM UPLIGHT		
	O	F	L	R	O		O	L	
W	65°	60°	50°	50°	65°		70°	50°	
M	45°	50°	35°	30°	45°		40°	30°	
N	10°	25°	25°	25°	10°		15°	20°	



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

- 3000K CCT at 100% (full output) and 1800K CCT at 1% (full dim)
- 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%.
- Wattage is for downlight or uplight components. Add wattages together for selected lumen packages to find total fixture wattage.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier tables to calculate additional options.

PHOTOMETRY CONTINUED ON NEXT PAGE.



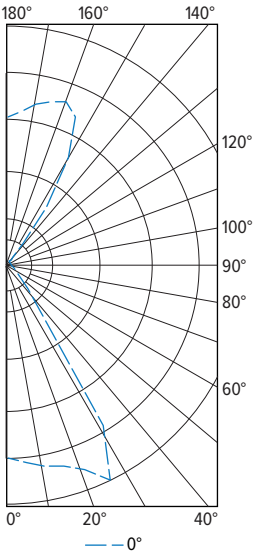
6CRDI

dim to WARM

6.5" Compact Direct/Indirect Cylinder – Round

PHOTOMETRY

6CRDI-TL-16-L24/9DWU/L15/9DWD-DIM1-UNV-OW/OW-CS-WM Total Luminaire Output: 4230 lumens; 75.4 Watts | Efficacy: 56 lm/W | 95 CRI; 3000K CCT

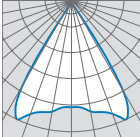


CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	2011	
	5	2071	200
	15	2178	623
	25	2479	1057
	35	341	403
	45	49	40
	55	12	12
	65	1	2
	75	0	0
	85	0	1
	90	4	
	95	4	4
	105	6	6
	115	10	10
	125	20	19
	135	64	69
	145	675	426
	155	1636	725
	165	1697	482
	175	1543	150
	180	1479	

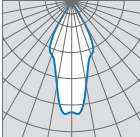
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1880	44
	0 - 40	2283	54
	0 - 60	2336	55
	0 - 90	2339	55
	90 - 120	21	1
	90 - 150	535	13
	90 - 180	1892	45
	0 - 180	4230	100

DOWNLIGHT

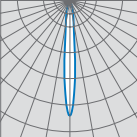
OPEN (O)



65° Wide

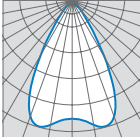


45° Medium

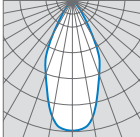


10° Narrow

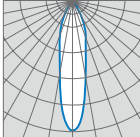
OPEN TOP DIFFUSER (F)



60° Wide

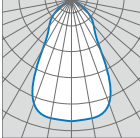


50° Medium

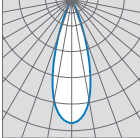


25° Narrow

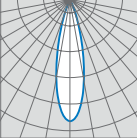
FLUSH (L)



50° Wide

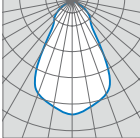


35° Medium

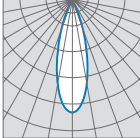


25° Narrow

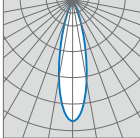
REGRESSED (R)



50° Wide



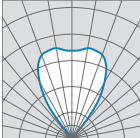
30° Medium



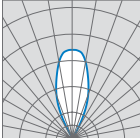
25° Narrow

UPLIGHT CABLE MOUNT

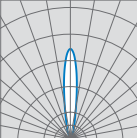
OPEN (O)



70° Wide

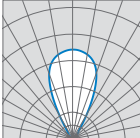


40° Medium

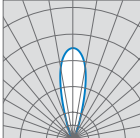


15° Narrow

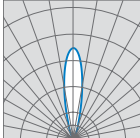
FLUSH (L)



50° Wide



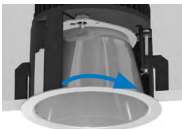
30° Medium



20° Narrow

TRIMLOCK DETAILS

TWIST



PULL



RELEASE

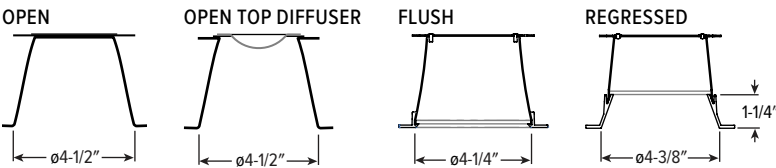


6CRDI dim to **WARM**

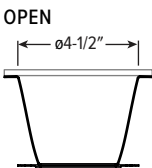
6.5" Compact Direct/Indirect Cylinder – Round

TRIM TYPE DETAILS

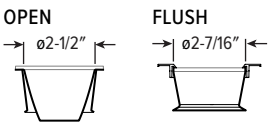
DOWNLIGHT



UPLIGHT WALL MOUNT



UPLIGHT CABLE MOUNT



CONTROL DETAILS

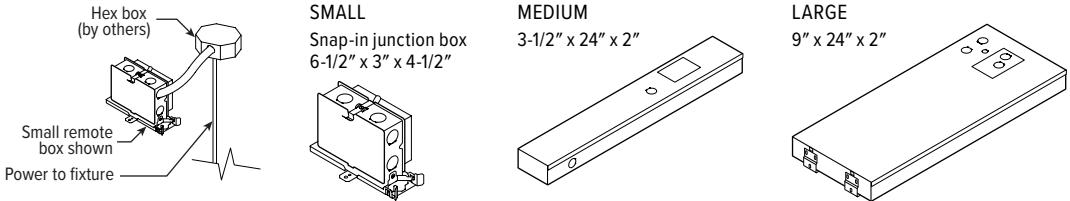
If using two different stops for U/D, see highest lumen stop for RDB.

CONTROL	DESCRIPTION	RDB DETAILS BY LUMEN STOP			
		L8	L15	L24	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

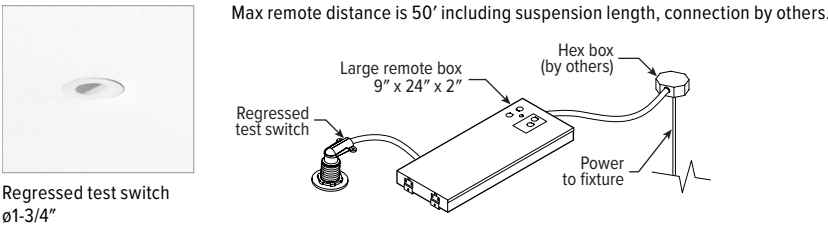
REMOTE MOUNT KEY	
RIS	RDB Required, Small Box
RIM	RDB Required, Medium Box
RIL	RDB Required, Large Box

REMOTE MOUNT DETAILS

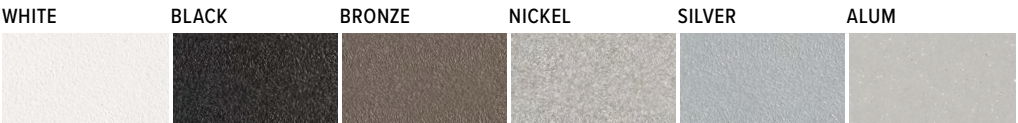
Max remote distance is 50' including suspension length, connection by others. Must be room-side accessible for maintenance.



EMERGENCY BATTERY DETAILS



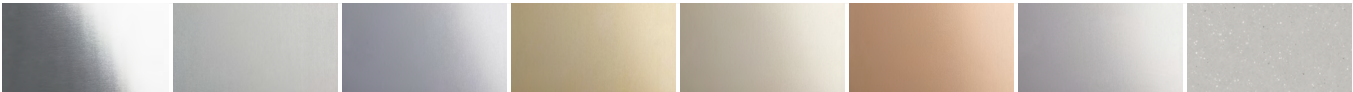
HOUSING FINISH DETAILS



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



6CRDI

dim to **WARM**
6.5" Compact Direct/Indirect Cylinder – Round

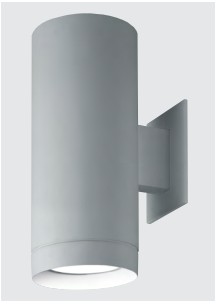
MOUNTING DETAILS

CABLE MOUNT (CM__)

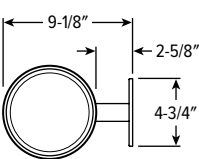


- Provided with:
- Adjustable length aircraft cable, must specify length in 24", 48", 96", or 144" inches.
 - 18-gauge cord, see Cord Options for ordering info.
 - One 5" canopy
 - T-bar clip with 1/4-20 stud
 - Hard ceiling anchor provided by others

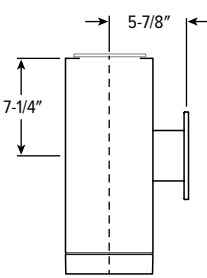
WALL MOUNT (WM)



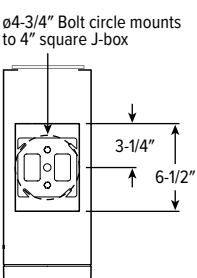
TOP VIEW



SIDE VIEW



BACK VIEW



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		/W White
	96 96"	5 5		/B Black
		6 6		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.

