

CATALOG #: _____

TYPE:

PROJECT: _____



HOUSING

SERIES	HEIGHT	LUMEN PACKAGE (Example: L12/9DWU/L7/9DWD)		OPTIONS
4CSDI	17 17"	Specify lumen packages: U for Uplight and D for Downlight		EM/10WRM/RTS Remote mount 10-watt emergency battery with regressed test switch ^[1]
		LUMENS ^[3]	COLOR	U OR D
		L7 700lm	9DW Dim to warm (95 CRI, 1800K – 3000K)	RDB Remote mount control/driver box, galvanized steel ^[2]
		L12 1,200lm		
			U Uplight	
			D Downlight	

HOUSING FINISH ^[4]		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		
NKL	Textured nickel	LUT Lutron Ecosystem enabled	
SLV	Textured silver		
WHT	Textured white		

TRIM

TRIM TYPE AND DISTRIBUTION ^[5] (Example Uplight/Downlight: LW/LM)		REFLECTOR FINISH ^[6]		TRIM OPTIONS	
TRIM TYPE	DISTRIBUTION	Downlight Open Trim Types		Downlight Lens Trim Types	
Uplight	Uplight	CS Clear semi-specular anodize	CS Clear semi-specular powder coat	AD Diffuse acrylic lens ^[7]	
L Flush lens ^[9]	W 50° Wide	SG Satin-glow anodize	WH White texture powder coat	PD Diffuse 1/8" polycarbonate lens ^[8]	
	M 30° Medium	GD Gold anodize	BL Black texture powder coat		
Downlight		CG Champagne gold anodize	BZ Bronze texture powder coat		
O Open reflector	Downlight	PW Pewter anodize	NK Nickel texture powder coat		
L Flush lens	W 50° Wide	SPC Clear specular anodize	SV Silver texture powder coat		
R Regressed lens	M 30° Medium	RG Rose gold anodize	AL Silver sparkle aluminum		
	N 20° Narrow ^[10]				

MOUNTING

MOUNTING TYPE ^[11]

WM Wall mount

NOTES

- 1 Max remote distance 50', including suspension length. Large remote box provided. EM light defaults to downlight output. Specify CEC in option code when California Energy Commission regulations are required. See page 3 for EMERGENCY BATTERY DETAILS.
- 2 Painted driver box available, specify RDB/BLK or RDB/WHT.
- 3 Lumen output based on L Trim Type, W Distribution and WH Reflector Finish, 95 CRI/3000K CCT. Actual performance may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA
- 4 See page 4 for HOUSING FINISH DETAILS.
- 5 Beam angle based on L Trim Type and WH Reflector Finish. Trim Type affects beam angle. See page 2 for FIXTURE PERFORMANCE DATA.
- 6 Specified for Downlight Trim Type only. See page 4 for REFLECTOR FINISH DETAILS.
- 7 Not available with O Trim Type. Downlight only. W Distribution only.
- 8 Not available with O Trim Type. Downlight only. W Distribution only.
- 9 Trim finish matches Housing Finish. Other colors available, consult factory.
- 10 Not available with L12 lumen package
- 11 See page 4 for FIXTURE DETAILS.

4CSDI dim to WARM

4" Direct/Indirect Cylinder – Square

FEATURES

- Mimic the comfortable, welcoming glow of incandescent with warm-dimming technology
- Slim profile for unobtrusive illumination
- 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 20° and field changeable optics as wide as 50°
- Complement the architectural elements of any space with a multitude of housing and trim finishes
- Precision-engineered extruded aluminum housing and die-cast aluminum trim face for clean aesthetic
- Low UGR meets LEED and WELL requirements
- Made Right Here® in the USA

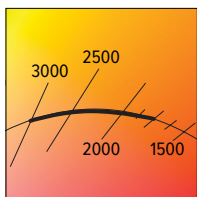
SPECIFICATIONS

- 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.
- OPEN REFLECTOR – Low-iridescent anodized aluminum with top diffuser. 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 = 49,000 hours. Estimated L70 = 179,000 hours.
- MOUNTING – Wall mount. Indoor applications only. Max weight 6-1/4 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

				DOWNLIGHT							UPLIGHT		
				WATTAGE	FLUSH LENS		OPEN REFLECTOR		REGRESSED LENS		WATTAGE	FLUSH LENS	
CCT AT 100% (FULL OUTPUT)	CCT AT 1% (FULL DIM)	DIST.	DELIVERED LUMENS		EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS		EFFICACY (lm/W)	
L7	3000K	1800K	W	14.8	729	49	528	36	734	50	14.8	830	56
			M	14.8	731	49	500	34	720	49	14.8	832	56
			N	14.8	708	48	516	35	708	48	—	—	—
L12			W	23.3	1263	54	915	39	1273	55	23.3	1438	62
			M	23.3	1267	54	867	37	1248	54	23.3	1442	62
			N	—	—	—	—	—	—	—	—	—	—

- Photometrics tested in accordance with IESNA LM-79. Results based on WH (L and R Trim Types) or CS (O Trim Type) 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.



BEAM ANGLE

	TRIM TYPE		
	FLUSH	OPEN	REGRESSED
W	50°	50°	55°
M	30°	47°	30°
N	20°	47°	20°

TRIM OPTIONS	
CATALOG NUMBER	CONVERSION FACTOR
AD	0.85
PD	0.85

¹ Distribution will also be affected, consult factory.

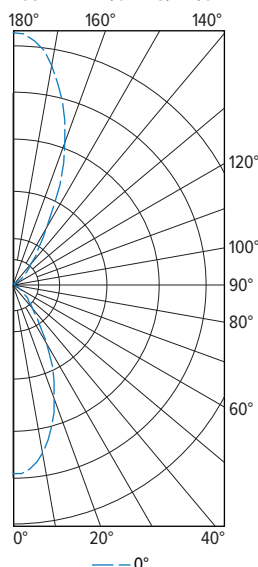
MULTIPLIER TABLES

	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

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

PHOTOMETRY

4CSDI-17-L12/9DWU/L12/9DWD-WHT-DIM1-UNV-OW/OW-CS-WM Total Luminaire Output: 2005 lumens; 46.6 Watts | Efficacy: 43 lm/W | 95 CRI; 3000K CCT



	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
CANDLEPOWER DISTRIBUTION	0	1153	
	5	1126	104
	15	897	248
	25	560	255
	35	254	167
	45	117	93
	55	42	43
	65	1	6
	75	0	0
	85	0	0
	90	0	
	95	1	2
	105	1	3
	115	3	8
	125	40	44
	135	127	98
	145	269	180
	155	670	301
	165	1151	314
	175	1487	137
	180	1528	

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	607	30
	0 - 40	774	39
	0 - 60	910	45
	0 - 90	917	46
	90 - 120	12	1
	90 - 150	334	17
	90 - 180	1087	54
	0 - 180	2005	100

PHOTOMETRY CONTINUED ON NEXT PAGE.



H.E. Williams, Inc.

Carthage, Missouri

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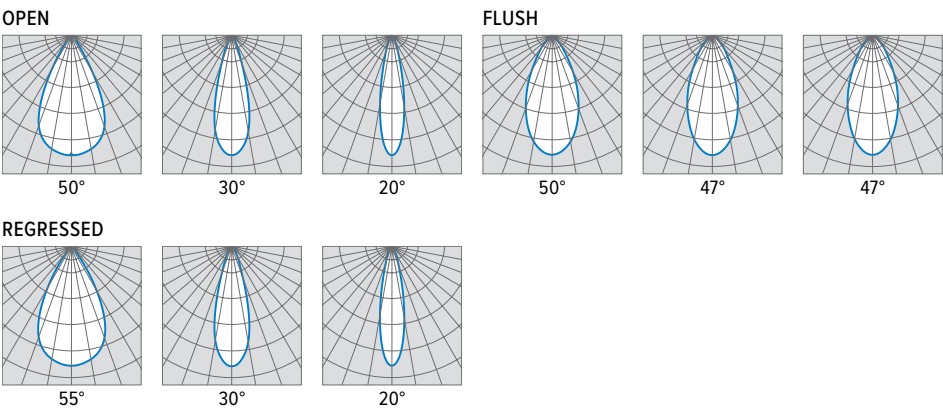
Information contained herein is subject to change without notice.

REV.08/23/24.LA

Cylinders
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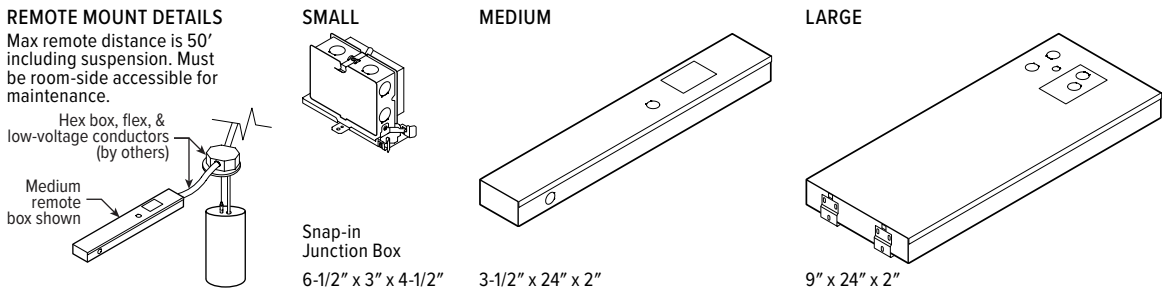
4CSDI

dim to **WARM**
4" Direct/Indirect Cylinder – Square

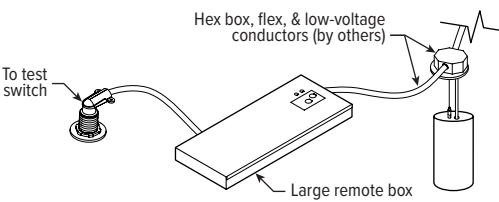


CONTROL DETAILS

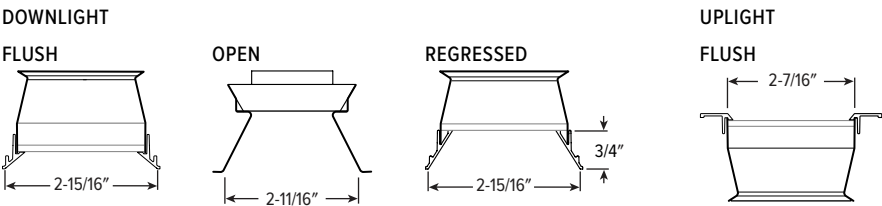
CONTROL	DESCRIPTION	RDB DETAILS BY LUMEN STOP			REMOTE MOUNT KEY	
		L7	L12	w/EM	OIS	RDB Optional, Small Box
DIM1	1% dimming driver (0-10V signal to control dimming and CCT) prewired for low voltage applications	OIS	OIS	RIL	OIM	RDB Optional, Medium Box
LUT	Lutron Ecosystem enabled	OIM	OIM	RIL	RIL	RDB Required, Large Box



EMERGENCY BATTERY DETAILS



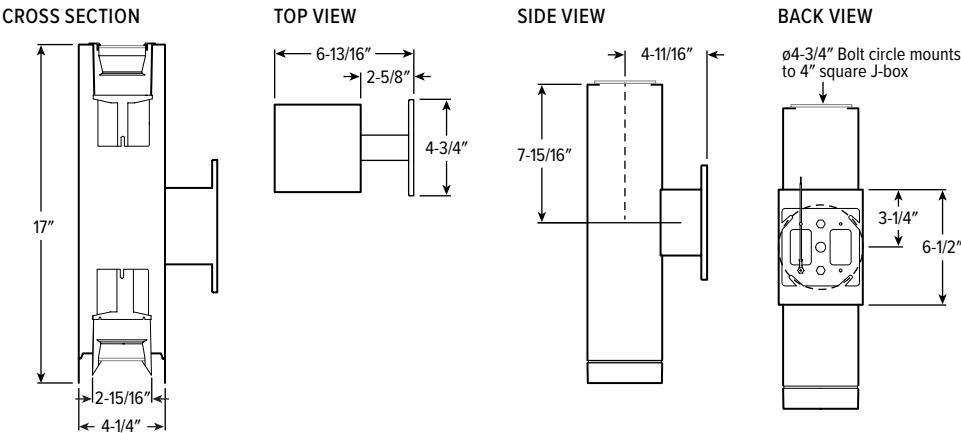
TRIM TYPE DETAILS



4CSDI

dim to **WARM**
4" Direct/Indirect Cylinder – Square

FIXTURE DETAILS



HOUSING FINISH DETAILS



REFLECTOR FINISH DETAILS

