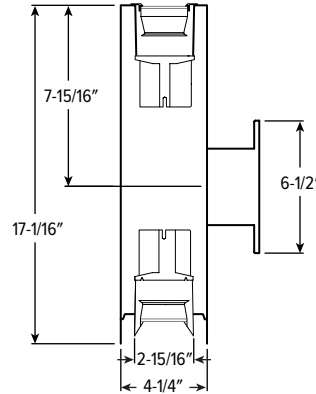


4CSDI dim to **WARM** 4" Direct/Indirect Cylinder – Square



CATALOG #: _____

TYPE: _____

PROJECT: _____



ORDERING EXAMPLE: 4CSDI - L12/9DWU/L12/9DWD - OPTIONS - WHT - DIM1 - UNV - LW/LM - WH - TRIM OPTIONS - WM |
HOUSING TRIM MOUNT.

HOUSING

SERIES	LUMEN PACKAGE (Example: L12/9DWU/L7/9DWD)	OPTIONS	HOUSING FINISH ^[1]	CONTROL	VOLTAGE
4CSDI	Specify lumen packages: U for Uplight and D for Downlight LUMENS ^[3] COLOR U OR D	See page 3 for EMERGENCY BATTERY OPTIONS . RDB Remote mount control/driver box, painted black ^[2]	ALUM Silver sparkle aluminum BLK Textured black BRZ Textured bronze NKL Textured nickel SLV Textured silver WHT Textured white	DIM1 1% dimming driver (0-10V signal to control dimming and CCT) LUT Lutron Ecosystem enabled	UNV 120-277V 347 347V
	L7 700lm 9DW Dim to warm (95 CRI, 1800K – 3000K) U Uplight L12 1,200lm D Downlight				

TRIM

TRIM TYPE AND DISTRIBUTION ^[4] (Example Uplight/Downlight: LW/LM)	REFLECTOR FINISH ^[5]	TRIM OPTIONS
TRIM TYPE DISTRIBUTION	Downlight Open Trim Types	AD Diffuse acrylic lens ^[6] PD Diffuse 1/8" polycarbonate lens ^[7]
Uplight L Flush lens ^[8] W 50° Wide M 30° Medium	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	Downlight 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
Downlight O Open reflector L Flush lens R Regressed lens W 50° Wide M 30° Medium N 20° Narrow ^[9]		

MOUNTING

MOUNTING TYPE ^[10]

WM Wall mount

NOTES

- See page 4 for HOUSING FINISH DETAILS.
- Painted white available, specify RDB/WHT.
- Lumen output based on L trim type, W distribution and WH finish, 3000K/95CRI. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA
- Beam angle based on L Trim Type and WH Reflector Finish. Trim Type affects beam angle. See page 2 for FIXTURE PERFORMANCE DATA.

- Specified for Downlight Trim Type only. See page 4 for REFLECTOR FINISH DETAILS.
- Not available with O trim type. Downlight only. W distribution only.
- Not available with O trim type. Downlight only. W distribution only.
- Trim finish matches Housing Finish. Other colors available, consult factory.
- Not available with L12 lumen package
- See page 4 for MOUNTING 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
- Open, flush, and regressed lens trim options

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. 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.

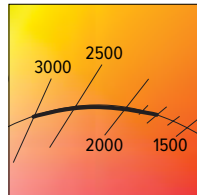
FIXTURE PERFORMANCE DATA

				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	—	—	—	—	—	—	—	—	—	—

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
R TRIM	RG	0.88
	WH	1.00
	CS ⁽¹⁾	0.98
	BL ⁽¹⁾	0.79
	BZ ⁽¹⁾	0.76
	NK ⁽¹⁾	0.81
R TRIM	SV ⁽¹⁾	0.81
	AL ⁽¹⁾	0.86

- 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 and CS (O Trim Type) or WH (L and R Trim Types) Reflector Finish. Actual lumens 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

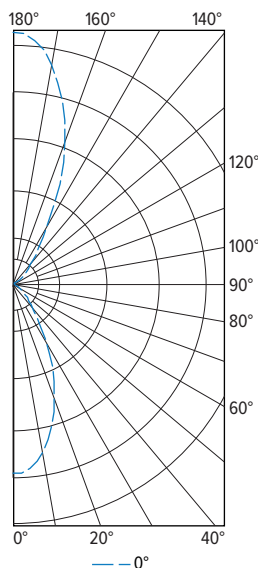
	TRIM TYPE		
	FLUSH	OPEN	REGRESSED
W	50°	50°	55°
M	30°	47°	30°
N	20°	47°	20°

TRIM OPTIONS	
CATALOG NUMBER	CONVERSION FACTOR
AD	0.85
PD	0.85

¹ Distribution will also be affected, consult factory.

PHOTOMETRY

4CSDI-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



H.E. Williams, Inc.

Carthage, Missouri

www.hew.com

417-358-4065

Designed and Manufactured in the USA

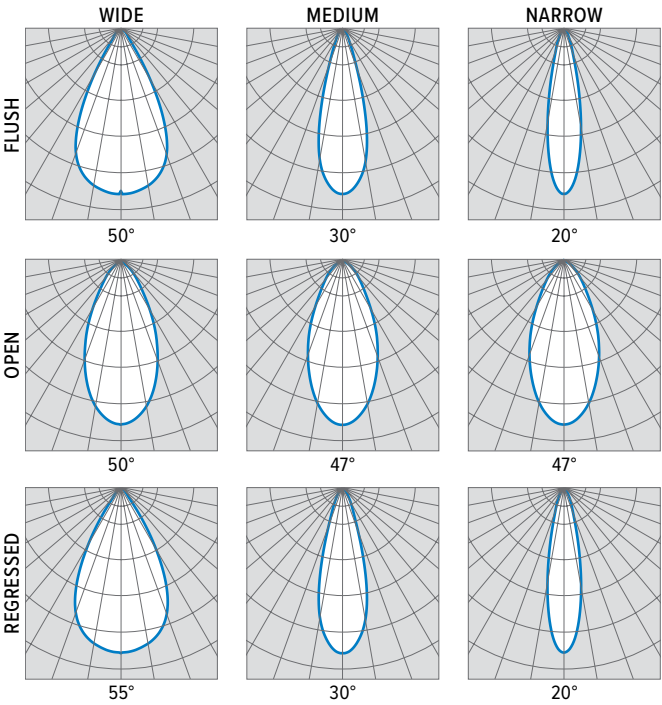
Information contained herein is subject to change without notice.

REV.09/19/23.LA

Cylinders
Page 2 of 4

4CSDI dim to WARM

4" Direct/Indirect Cylinder – Square



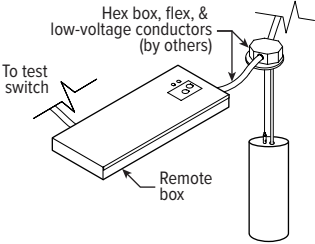
EMERGENCY BATTERY OPTIONS

Max remote distance 50', including suspension length. Emergency light defaults to downlight output. Specify CEC in the option code when California Energy Commission regulations are required.

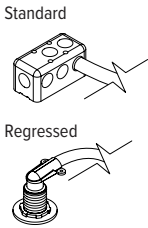
CATALOG NUMBER	DESCRIPTION
EM/7WRM	Remote mount 7-watt emergency battery
EM/7WRM/RTS	Remote mount 7-watt emergency battery with regressed test switch ^[1]
EM/10WRM	Remote mount 10-watt emergency battery
EM/10WRM/RTS	Remote mount 10-watt emergency battery with regressed test switch ^[1]
EM/12WRM	Remote mount 12-watt emergency battery ^[2]
EM/12WRM/RTS	Remote mount 12-watt emergency battery with regressed test switch ^[1] ^[2]

¹ For use in grid ceiling installations only. ² Not available when CEC regulations are required.

RDB OPTION DETAILS

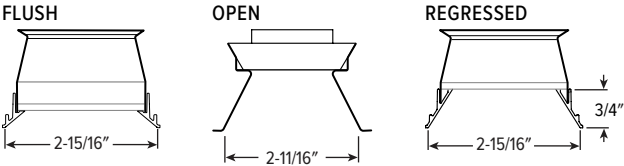


TEST SWITCH DETAILS

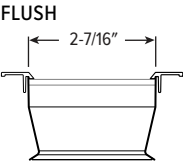


TRIM TYPE DETAILS

DOWNLIGHT



UPLIGHT

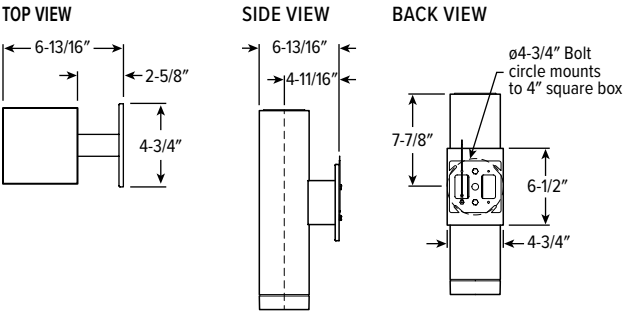


4CSDI

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

MOUNTING DETAILS

Mounts to 4" square J-box







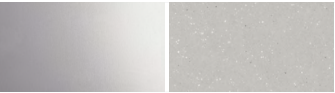


HOUSING FINISH DETAILS

WHITE	BLACK	BRONZE	NICKEL	SILVER	ALUM	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
SPC

SG	PW	GD	CG	RG	CS	AL
						

Textured Finish
WH

BL	BZ	NK	SV
			

