

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

TwistLock™

- Slim profile for unobtrusive illumination
- Parallel the performance and style of the Williams downlight collection
- Precision illumination with 8° narrow spot to 70° 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.
- **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 = 49,000 hours. Estimated L70 = 179,000 hours.
- **MOUNTING** – Surface, cable, pendant, power cord or wall mount. Indoor applications only. Max weight 5 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: 4CR - L20/835 - WHT - DIM - UNV - OW - CS - TRIM OPTIONS - CM

HOUSING TRIM MOUNT.

HOUSING

SERIES	LUMENS ^[1]	CRI	CCT	HOUSING FINISH ^[2]	CONTROL ^[3]	VOLTAGE
4CR	L5 500lm	8 80	27 2700K	ALUM Silver sparkle aluminum	DIM Dimming driver, 0-10V	UNV 120-277V
	L7 700lm	9 90 ^[4]	30 3000K	BLK Textured black	DIM1 1% Dimming driver, 0-10V	347 347V
	L9 900lm		35 3500K	BRZ Textured bronze		
	L12 1,200lm		40 4000K	NKL Textured nickel		
	L15 1,500lm		50 5000K	SLV Textured silver		
	L20 2,000lm			WHT Textured white		
	L25 2,500lm					

TRIM

TRIM TYPE	DISTRIBUTION ^[5]	REFLECTOR FINISH ^[6]	TRIM OPTIONS
O Open reflector	W 70° Wide	Open Trim Types	AD Diffuse acrylic lens ^[9]
L Flush lens	M 40° Medium	CS Clear semi-specular anodize	PD Diffuse 1/8" polycarbonate lens ^[10]
R Regressed lens	N 15° Narrow ^[7]	SG Satin-glow anodize	TD Diffuse polycarbonate lens media at top of open reflector ^[11]
	S 8° Narrow spot ^[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^[12]

- CM__ Adjustable aircraft cable mount, 24" length standard. Example: 24" cable = CM24^[13]
- PM__ Pendant mount. Example: 24" pendant = PM24^[14]
- PC__ Power cord mount. Example: 24" cord = PC24^[15]
- SM TwistLock surface mount to octagonal J-box
- WM Wall mount

NOTES

- ¹ Lumen output based on O trim type, W distribution and CS finish, 3500K/80CRI. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- ² See page 3 for HOUSING FINISH DETAILS.
- ³ See page 3 for ADDITIONAL CONTROL OPTIONS.
- ⁴ Extended lead times may apply. Consult factory for availability.
- ⁵ Beam angle based on O Trim Type and CS Reflector Finish. Trim Type affects beam angle. See page 2 for FIXTURE PERFORMANCE DATA.
- ⁶ See page 3 for REFLECTOR FINISH DETAILS.
- ⁷ Not available with L25 lumen package when specified with L or R Trim Types.
- ⁸ Not available with L20 or L25 lumen packages or 950 CRI/CCT.
- ⁹ Not available with O Trim Type. W distribution only.
- ¹⁰ Not available with O Trim Type. W distribution only.
- ¹¹ O Trim Type only.
- ¹² See page 4 for MOUNTING DETAILS.
- ¹³ 48" and 96" lengths available. Canopy painted white unless specified otherwise. Must specify cord. See page 4 for CORD OPTIONS.
- ¹⁴ Specify length in 1" increments, minimum 6". Canopy and pendant match fixture housing color unless specified otherwise.
- ¹⁵ 48" and 96" lengths available. Canopy painted white unless specified otherwise. Must specify cord. See page 4 for CORD OPTIONS.



4CR^{LED} 4" Cylinder – Round

FIXTURE PERFORMANCE DATA

	DISTRIBUTION	WATTAGE	OPEN REFLECTOR TRIM TYPE		FLUSH LENS TRIM TYPE		REGRESSED LENS TRIM TYPE	
			DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)
L5	W	6.7	516	77	540	82	535	82
	M	6.7	499	74	532	81	509	78
	N	6.7	407	61	528	81	515	79
	S	7.8	451	58	624	79	602	77
L7	W	8.7	725	83	759	89	751	88
	M	8.7	700	81	748	88	715	84
	N	8.7	572	66	742	87	723	85
	S	11.2	630	56	871	78	840	75
L9	W	10.7	929	87	973	93	963	92
	M	10.7	898	84	958	92	917	88
	N	10.7	799	69	950	91	927	89
	S	14.1	807	57	1115	79	1075	76
L12	W	14.3	1267	89	1327	95	1313	94
	M	14.3	1224	86	1307	93	1250	89
	N	14.3	1000	70	1296	93	1264	90
	S	20.4	1071	53	1480	72	1427	70
L15	W	17.7	1571	89	1645	95	1628	94
	M	17.7	1518	86	1620	94	1550	90
	N	17.7	1240	70	1607	93	1567	91
	S	26.7	1326	50	1832	68	1767	66
L20	W	23.9	2063	86	2160	92	2138	92
	M	23.9	1993	83	2127	91	2035	87
	N	23.9	1629	68	2110	90	2058	88
	S	—	—	—	—	—	—	—
L25	W	30.1	2479	82	2596	88	2569	87
	M	30.1	2395	80	2556	87	2446	83
	N	30.1	1957	65	—	—	—	—
	S	—	—	—	—	—	—	—

MULTIPLIER TABLES

	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.92
	3000K	0.98
	3500K	1.00
	4000K	1.01
90 CRI	5000K	1.02
	2700K	0.76
	3000K	0.79
	3500K	0.82
	4000K	0.84
	5000K	0.88

TRIM OPTIONS	
CATALOG NUMBER	CONVERSION FACTOR
AD	0.85
PD	0.85
TD	0.67

BEAM ANGLE

	TRIM TYPE		
	OPEN	FLUSH	REGRESSED
W	70°	50°	55°
M	40°	30°	30°
N	15°	20°	20°
S	8°	14°	14°

	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⁾	0.89
	BL ⁽¹⁾	0.47
	AL ⁽¹⁾	0.86

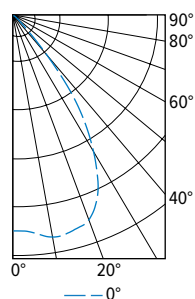
	REFLECTOR FINISH	
	CATALOG NUMBER	CONVERSION FACTOR
O TRIM	CS	1.00
	SG ⁽¹⁾	0.92
	GD	0.93
	CG	0.96
	PW	0.86
	SPC	1.02
R TRIM	RG	0.88
	WH ⁽¹⁾	0.89
	BL ⁽¹⁾	0.47
	AL ⁽¹⁾	0.86

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 3500K/80CRI and CS (O Trim Type) or WH (L and R Trim Types) Reflector Finish. Actual lumens may vary +/-5%.
- Use multiplier tables to calculate additional options.

PHOTOMETRY

4CR-L25/835-DIM-UNV-OW-CS Total Luminaire Output: 2479 lumens; 30.1 Watts | Efficacy: 82.3 lm/W | 80 CRI; 3500K CCT

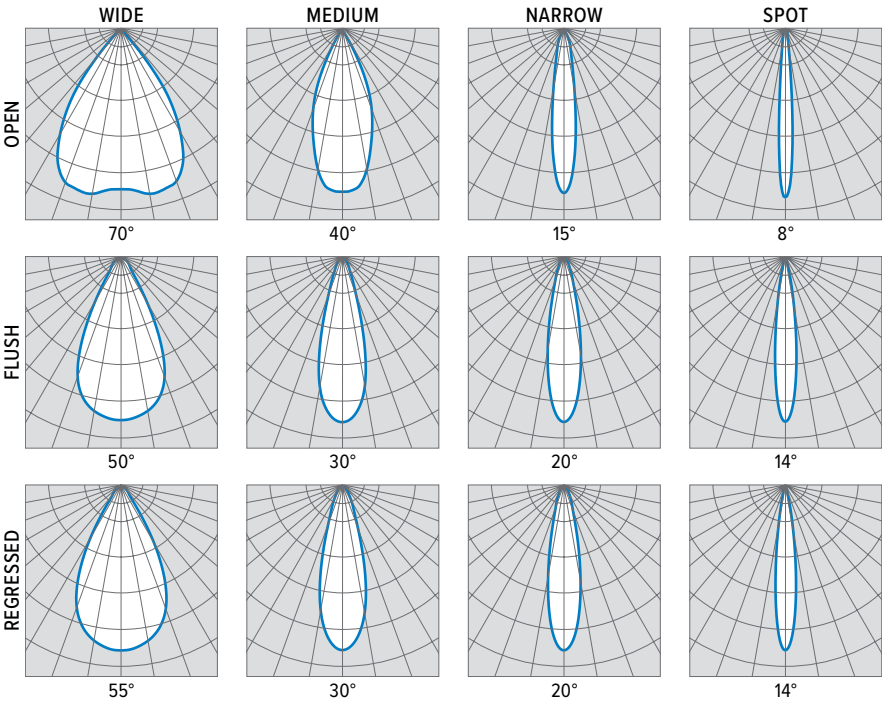


	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
CANDLEPOWER DISTRIBUTION	0	2011	
	5	2033	148
	15	2087	341
	25	1859	429
	35	1089	271
	45	150	39
	55	35	12
	65	12	4
	75	2	1
	85	0	0
	90	0	

	LUMEN SUMMARY		
	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 40	2281	92
	0 - 60	2464	99
	0 - 90	2479	100
	0-180	2479	100



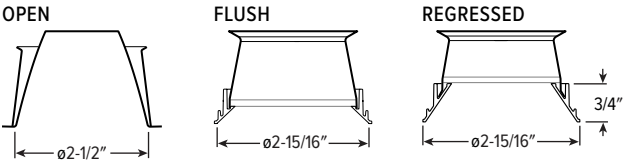
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ADDITIONAL CONTROL OPTIONS

CATALOG NUMBER	DESCRIPTION
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible at 120V only)

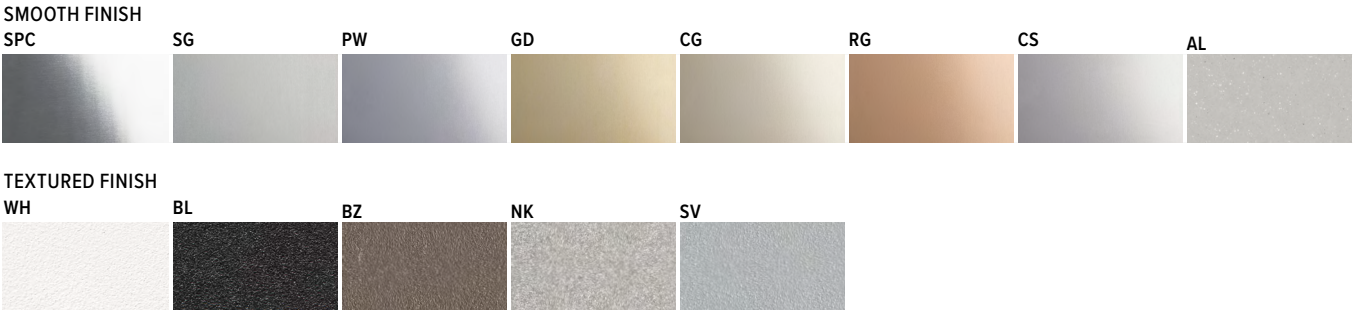
TRIM TYPE DETAILS



HOUSING FINISH DETAILS



REFLECTOR FINISH DETAILS



4CR^{LED} 4" Cylinder – Round

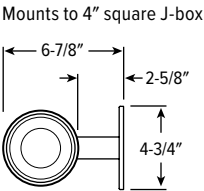
MOUNTING DETAILS

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)



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.

