

PROJECT: _____



TwistLock™

ORDERING EXAMPLE: 4CR - 08 - P20/835 - WHT - POE PR - OW - CS - TRIM OPTIONS - CM

SERIES	HEIGHT	LUMENS ^[1]	CRI	CCT	HOUSING FINISH ^[2]	CONTROL ^[3]
4CR	08 3"	P5 500lm	8 80 ^[4]	27 2700K	ALUM Silver sparkle aluminum	POE PR Power over Ethernet-ready
		P7 700lm	9 90	30 3000K		
		P9 900lm		35 3500K	BLK Textured black	
		P12 1,200lm		40 4000K	BRZ Textured bronze	
		P15 1,500lm		50 5000K	NKL Textured nickel	
		P20 2,000lm		TW Tunable white (90 CRI, 2700K-5000K) ^[5]	SLV Textured silver	
		P23 2,300lm			WHT Textured white	

TRIM TYPE	DISTRIBUTION	REFLECTOR FINISH ^[6]	TRIM OPTIONS
O Open reflector	<i>See page 2 for BEAM ANGLE.</i>	Open Trim Types	AD Diffuse acrylic lens ^[9]
F Open reflector with frosted top diffuser		CS Clear semi-specular anodize	PD Diffuse 1/8" polycarbonate lens ^[10]
L Flush lens	W Wide	SG Satin-glow anodize	
R Regressed lens	M Medium	GD Gold anodize	
	N Narrow ^[7]	CG Champagne gold anodize	
	S Narrow spot ^[8]	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	

CM___ Adjustable aircraft cable mount, 24", 48", 96", or 144" only, must specify. Example: 24" cable = **CM24** ^[12]
PM___ Pendant mount. Example: 24" pendant = **PM24** ^[13]
SM___ TwistLock surface mount to octagonal J-box
WM___ Wall mount

- ¹ Lumen output based on O Trim Type, W Distribution and CS Reflector Finish, 3500K/80 CRI for single CCT and 4000K/90 CRI for TW. Actual performance may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA.
- ² See page 3 for HOUSING FINISH DETAILS.
- ³ For additional PoE connection details, consult factory.
- ⁴ Not available with Tunable White.
- ⁵ Not available with P20 or P23 lumen packages, or S Distribution.
- ⁶ See page 3 for REFLECTOR FINISH DETAILS.
- ⁷ Not available with P23 lumen package when specified with L or R Trim Types. Not available with P15 lumen package when specified with Tunable White and L or R Trim Types.
- ⁸ Not available with P20 or P23 lumen packages, Tunable White, or 950 CRI/CCT.
- ⁹ Not available with O or F Trim Types. W Distribution only.
- ¹⁰ Not available with O or F Trim Types. W Distribution only.
- ¹¹ See page 4 for MOUNTING DETAILS.
- ¹² Canopy painted white unless specified otherwise.
- ¹³ Specify length in 1" increments, minimum 6". Canopy and pendant match fixture housing color unless specified otherwise.

- PoE-ready luminaires are connected to building power systems through network integration and require other components for complete PoE lighting system
- For additional PoE info, see hew.com/poe

FIXTURE PERFORMANCE DATA

STATIC WHITE

	DIST.	WATTAGE	OPEN REFLECTOR		FLUSH LENS		REGRESSED LENS	
			DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)
P5	W	4.2	516	123	540	129	535	127
	M	4.2	499	119	532	127	509	121
	N	4.2	407	97	528	126	515	123
P7	S	5.4	452	84	583	108	562	104
	W	5.9	706	120	739	125	732	124
	M	5.9	682	116	728	123	697	118
P9	N	5.9	557	94	722	122	704	119
	S	7.6	587	77	813	107	784	103
	W	7.9	910	115	953	121	943	119
P12	M	7.9	879	111	938	119	898	114
	N	7.9	718	91	931	118	908	115
	S	11.1	807	73	1041	94	1004	90
P15	W	11.5	1267	110	1327	115	1313	114
	M	11.5	1224	106	1307	114	1250	109
	N	11.5	1000	87	1296	113	1264	110
P20	S	15.3	1000	65	1382	90	1332	87
	W	14.7	1571	107	1645	112	1628	111
	M	14.7	1518	103	1620	110	1550	105
P23	N	14.7	1240	84	1607	109	1567	107
	S	22.7	1325	58	1711	75	1650	73
	W	20.6	2063	100	2160	105	2138	104
P27	M	20.6	1993	97	2127	103	2035	99
	N	20.6	1629	79	2110	102	2058	100
	S	—	—	—	—	—	—	—
P33	W	23.7	2281	96	2388	101	2364	100
	M	23.7	2204	93	2352	99	2251	95
	N	23.7	1801	76	—	—	—	—
	S	—	—	—	—	—	—	—

TUNABLE WHITE

	DIST.	WATTAGE	OPEN REFLECTOR		FLUSH LENS		REGRESSED LENS	
			DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)
P5	W	7.3	570	78	597	82	591	81
	M	7.3	575	79	614	84	587	80
	N	7.3	440	60	571	78	557	76
P7	S	—	—	—	—	—	—	—
	W	10.1	761	75	797	79	789	78
	M	10.1	768	76	819	81	784	78
P9	N	10.1	588	58	762	75	743	74
	S	—	—	—	—	—	—	—
	W	14.6	1062	73	1112	76	1101	75
P12	M	14.6	1071	73	1144	78	1094	75
	N	14.6	821	56	1063	73	1037	71
	S	—	—	—	—	—	—	—
P15	W	19.3	1306	68	1368	71	1353	70
	M	19.3	1318	68	1406	73	1346	70
	N	19.3	1009	52	1308	68	1275	66
P20	S	—	—	—	—	—	—	—
	W	23.7	1462	62	1531	65	1515	64
	M	23.7	1475	62	1574	66	1506	64
	N	23.7	1130	48	—	—	—	—
	S	—	—	—	—	—	—	—

- 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, static white 3500K/80 CRI or tunable white 4000K/90CRI, and 25°C ambient temperature. Actual performance may vary +/-5%.
- Wattage and efficacy data shown do not account for node losses.
- Use multiplier tables to calculate additional options.

MULTIPLIER TABLES

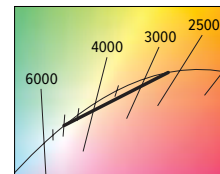
	COLOR TEMPERATURE		
	CCT	LUMENS	
		STANDARD	TUNABLE WHITE
80 CRI	2700K	0.92	—
	3000K	0.98	—
	3500K	1.00	—
	4000K	1.01	—
	5000K	1.02	—
90 CRI	2700K	0.76	0.87
	3000K	0.79	0.96
	3500K	0.82	1.02
	4000K	0.84	1.00
	5000K	0.88	1.02

	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	0.67
AD	0.85
PD	0.85

BEAM ANGLE

	TRIM TYPE ⁽²⁾			
	O	F	L	R
W	70°	Consult Factory	50°	55°
M	40°		30°	30°
N	15°		20°	20°
S	8°		14°	14°



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

PHOTOMETRY CONTINUED ON NEXT PAGE.

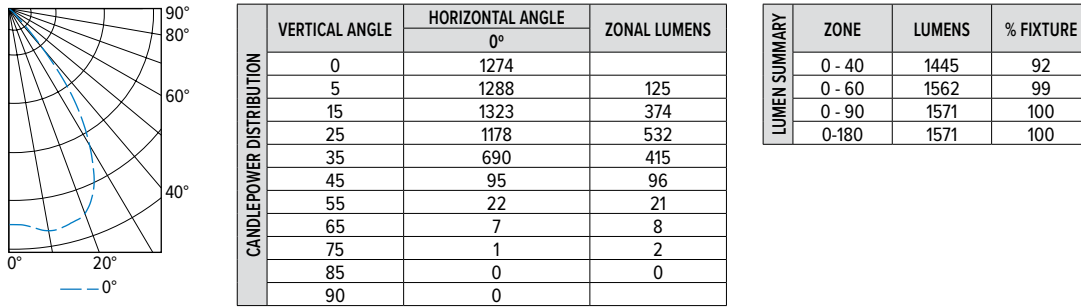


4CR PoE | tunable WHITE

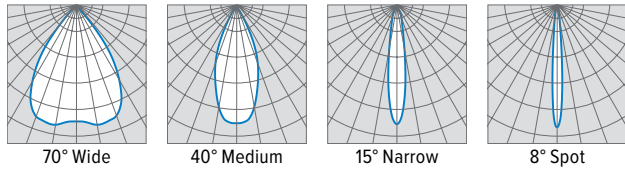
4" Compact Cylinder – Round

PHOTOMETRY

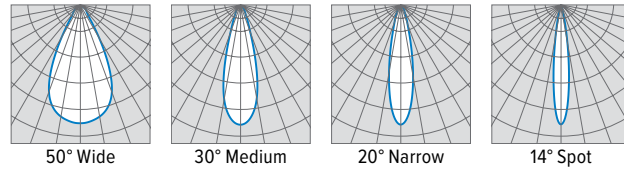
4CR-P15/835-POE PR-OW-CS Total Luminaire Output: 1571 lumens; 14.7 Watts | Efficacy: 107 lm/W | 80 CRI; 3500K CCT



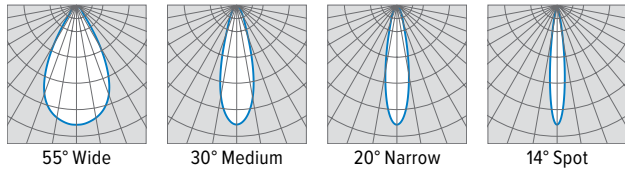
OPEN (O)



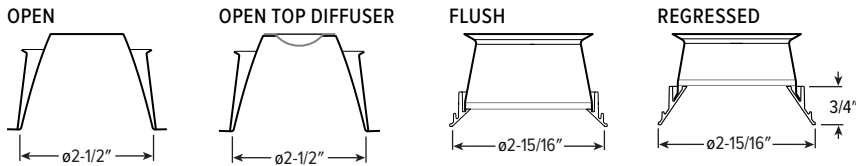
FLUSH (L)



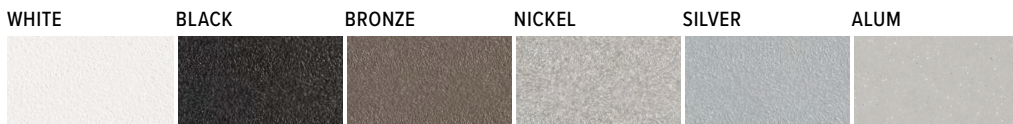
REGRESSED (R)



TRIM TYPE DETAILS



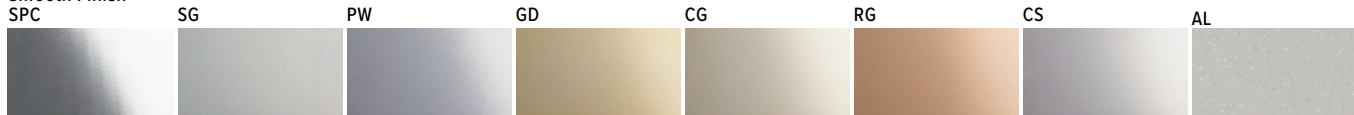
HOUSING FINISH DETAILS



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 SPC



Textured Finish WH



4CR PoE | tunable WHITE

4" Compact Cylinder – Round

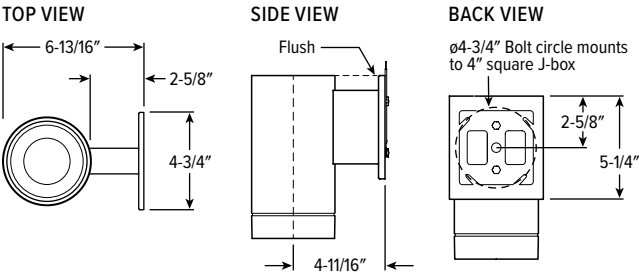
MOUNTING DETAILS

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)



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.
 - One 5" canopy
 - T-bar clip with 1/4-20 stud
 - Hard ceiling anchor provided by others

