



### FIXTURE PERFORMANCE DATA

#### STATIC WHITE

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)	
P16	W	12.3	1611	131	1344	109	1301	106	12.3	1468	119	12.3	1303	106	1208	98
	M	12.3	1563	127	1449	118	1409	115	12.3	1424	116	12.3	1255	102	–	–
	N	12.3	1495	122	1457	118	1420	115	12.3	1362	111	12.3	1240	101	–	–
P29	W	25.0	2947	118	2454	98	2375	95	25.0	2685	107	25.0	2404	96	2218	89
	M	25.0	2855	114	2645	106	2573	103	25.0	2602	104	25.0	2305	92	–	–
	N	25.0	2731	109	2661	106	2593	104	25.0	2489	100	25.0	2220	89	–	–
P46	W	37.5	4582	122	3818	102	3695	99	37.5	4175	111	37.5	3737	100	3465	92
	M	37.5	4442	118	–	–	–	–	37.5	4048	108	37.5	3590	96	–	–
	N	37.5	4252	113	–	–	–	–	37.5	3875	103	37.5	3424	91	–	–
P62	W	50.0	6158	123	5145	103	4980	100	50.0	5611	112	50.0	5215	104	4835	97
	M	50.0	5970	119	–	–	–	–	50.0	5440	109	50.0	4936	99	–	–
	N	50.0	5715	114	–	–	–	–	50.0	5208	104	50.0	4758	95	–	–

#### TUNABLE WHITE

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)	
P16	W	12.3	1343	109	1120	91	1084	88	12.3	1224	99	12.3	1111	90	1030	84
	M	12.3	1303	106	1207	98	1175	96	12.3	1187	97	12.3	1071	87	–	–
	N	12.3	1246	101	1215	99	1184	96	12.3	1135	92	12.3	1031	84	–	–
P29	W	25.0	2728	109	2273	91	2200	88	25.0	2486	99	25.0	2246	90	2082	83
	M	25.0	2645	106	2450	98	2383	95	25.0	2410	96	25.0	2157	86	–	–
	N	25.0	2531	101	2464	99	2402	96	25.0	2306	92	25.0	2058	82	–	–
P46	W	37.5	4070	109	3400	91	3291	88	37.5	3709	99	37.5	3441	92	–	–
	M	37.5	3945	105	–	–	–	–	37.5	3595	96	37.5	3441	92	–	–
	N	37.5	3776	101	–	–	–	–	37.5	3441	92	37.5	3441	92	–	–
P62	W	43.5	4721	109	3944	91	3817	88	43.5	4302	99	43.5	4302	99	–	–
	M	43.5	4576	105	–	–	–	–	43.5	4170	96	43.5	4170	96	–	–
	N	43.5	4381	101	–	–	–	–	43.5	3992	92	43.5	3992	92	–	–

#### MULTIPLIER TABLES

	COLOR TEMPERATURE		
	CCT	LUMENS	
		STANDARD	TUNABLE WHITE
80 CRI	2700K	0.92	0.83
	3000K	0.98	1.00
	3500K	1.00	0.99
	4000K	1.01	1.00
	5000K	1.02	0.98
90 CRI	2700K	0.76	–
	3000K	0.79	–
	3500K	0.82	–
	4000K	0.84	–
	5000K	0.88	–

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

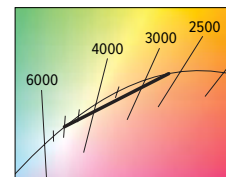
R TRIM	WH	1.00
	CS <sup>(1)</sup>	0.98
	BL <sup>(1)</sup>	0.79
	BZ <sup>(1)</sup>	0.76
	NK <sup>(1)</sup>	0.81
	SV <sup>(1)</sup>	0.81
	AL <sup>(1)</sup>	0.86

TRIM OPTIONS	
CATALOG NUMBER	CONVERSION FACTOR
AD	0.85
PD	0.85
TD	0.75

#### BEAM ANGLE

	TRIM TYPE					
	DOWNLIGHT			WM UPLIGHT	CM UPLIGHT	
	OPEN	FLUSH	REGRESSED	OPEN	OPEN	FLUSH
W	65°	55°	55°	65°	65°	50°
M	35°	35°	35°	35°	45°	35°
N	10°	25°	25°	10°	10°	25°

- <sup>1</sup> Distribution will also be affected, consult factory.
- 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/80CRI, 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. Wattage and efficacy data shown do not account for node losses.
- Use multiplier tables to calculate additional options.



PHOTOMETRY CONTINUED ON NEXT PAGE.

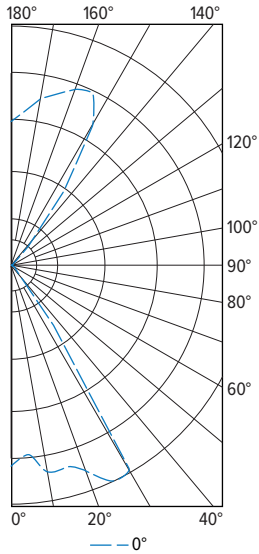


# 8CRDI PoE | tunable WHITE

## 8" Compact Direct/Indirect Cylinder – Round

### PHOTOMETRY

8CRDI-TL-P29/835U/P29/835D-POE PR-OW/OW-CS-WM Total Luminaire Output: 5792 lumens; 50 Watts | Efficacy: 116 lm/W | 80 CRI; 3500K CCT

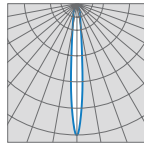
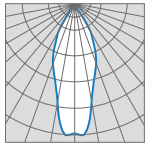
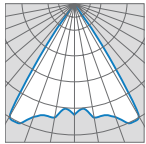


VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
	0°	
0	2478	
5	2340	234
15	2571	739
25	2937	1327
35	895	720
45	68	57
55	19	20
65	3	4
75	0	0
85	0	1
90	5	
95	6	7
105	9	10
115	15	15
125	31	29
135	79	86
145	1119	687
155	2350	1047
165	2179	622
175	1905	188
180	1767	

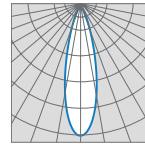
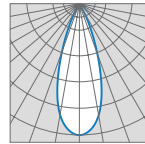
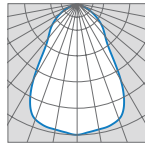
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2300	40
0 - 40	3019	52	
0 - 60	3096	54	
0 - 90	3101	54	
90 - 120	31	1	
90 - 150	834	14	
90 - 180	2691	47	
0 - 180	5792	100	

### WALL MOUNT

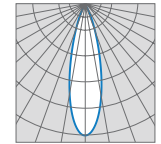
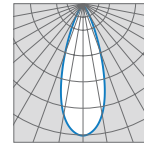
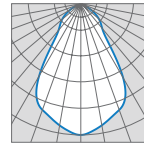
#### OPEN



#### FLUSH

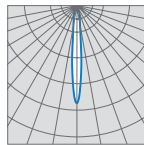
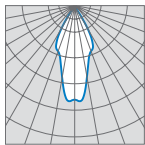
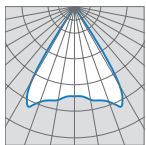


#### REGRESSED

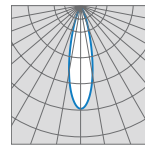
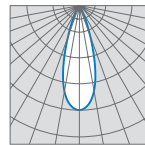
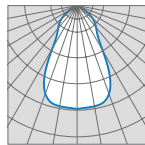


### UPLIGHT CABLE MOUNT

#### OPEN



#### FLUSH



### TRIMLOCK DETAILS

#### TWIST



#### PULL



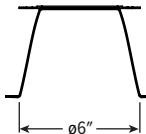
#### RELEASE



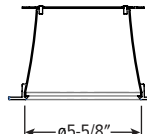
### TRIM TYPE DETAILS

#### DOWNLIGHT

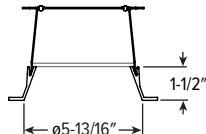
##### OPEN



##### FLUSH

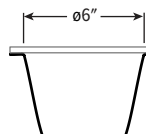


##### REGRESSED



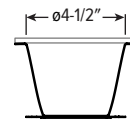
#### UPLIGHT WALL MOUNT

##### OPEN

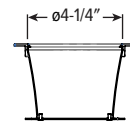


#### UPLIGHT CABLE MOUNT

##### OPEN

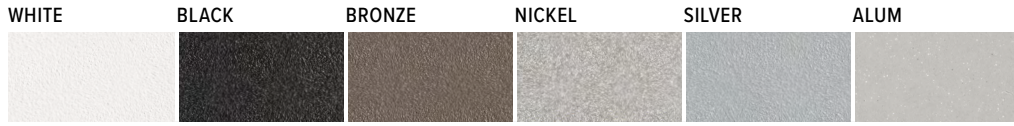


##### FLUSH



# 8CRDI PoE | tunable **WHITE** 8" Compact Direct/Indirect Cylinder – Round

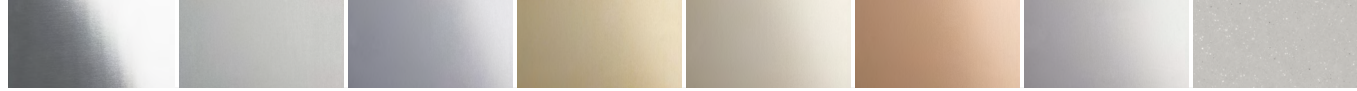
## HOUSING FINISH DETAILS



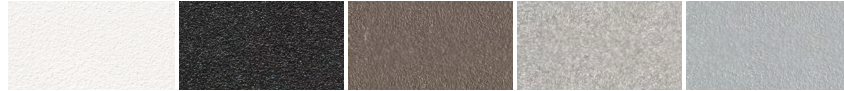
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

## REFLECTOR FINISH DETAILS

Smooth Finish  
SPC



Textured Finish  
WH



## MOUNTING DETAILS

### CABLE MOUNT (CM\_)



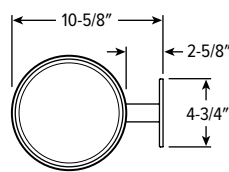
Provided with:

- 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

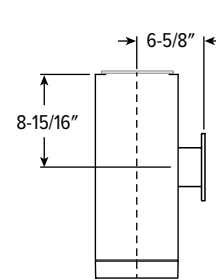
### WALL MOUNT (WM)



TOP VIEW



SIDE VIEW



BACK VIEW

