

6AR PoE | tunable WHITE 6" Adjustable Downlight – Round

FIXTURE PERFORMANCE DATA

STANDARD

OPEN REFLECTOR TRIM TYPE

LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	1305	12.3	106.1
	M	1308	12.3	106.4
	N	1308	12.3	106.3
P27	W	2651	25.0	106.0
	M	2658	25.0	106.3
	N	2657	25.0	106.3
P38	W	3792	37.5	101.1
	M	3789	37.5	101.0
	N	3627	37.5	96.7

TUNABLE WHITE

OPEN REFLECTOR TRIM TYPE

LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	1048	12.3	85.2
	M	1093	12.3	88.9
	N	–	–	–
P27	W	1778	25.0	71.1
	M	1838	25.0	73.5
	N	–	–	–
P38	W	3036	43.5	69.8
	M	2081	43.5	47.8
	N	–	–	–

FLUSH LENS TRIM TYPE

LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	1146	12.3	93.2
	M	1223	12.3	99.5
	N	1216	12.3	98.9
P27	W	2328	25.0	93.1
	M	2485	25.0	99.4
	N	2471	25.0	98.8
P38	W	3326	37.5	88.7
	M	3531	37.5	94.2
	N	3391	37.5	90.4

FLUSH LENS TRIM TYPE

LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	958	12.3	77.9
	M	1026	12.3	83.4
	N	1013	12.3	82.3
P27	W	1630	25.0	65.2
	M	2427	25.0	97.0
	N	1641	25.0	65.7
P38	W	2783	43.5	64.0
	M	2942	43.5	67.6
	N	2802	43.5	64.4

ANGLED LENS TRIM TYPE

LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	952	12.3	77.4
	M	1137	12.3	92.4
	N	1161	12.3	94.4
P27	W	1934	25.0	77.4
	M	2310	25.0	92.4
	N	2358	25.0	94.3
P38	W	2786	37.5	74.3
	M	3258	37.5	86.9
	N	3173	37.5	84.6

ANGLED LENS TRIM TYPE

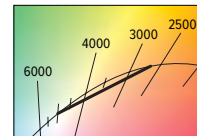
LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	824	12.3	67.0
	M	949	12.3	77.2
	N	966	12.3	78.5
P27	W	1778	25.0	71.1
	M	1596	25.0	63.8
	N	1546	25.0	61.8
P38	W	3036	43.5	69.8
	M	2724	43.5	62.6
	N	2641	43.5	60.7

MULTIPLIER TABLES

	STANDARD	
	CCT	LUMENS
80 CRI	2700K	0.95
	3000K	0.96
	3500K	1.00
	4000K	1.01
90 CRI	2700K	0.74
	3000K	0.85
	3500K	0.90
	4000K	0.91

	TUNABLE WHITE	
	CCT	LUMENS
80 CRI	2700K	0.83
	3000K	1.00
	3500K	0.99
	4000K	1.00
	5000K	0.98

OPEN REFLECTOR FINISH		
CATALOG NUMBER	REFLECTOR FINISH	CONVERSION FACTOR
CS	Clear semi-specular	1.00
WH	White, textured	0.89
BL	Black, textured	0.79



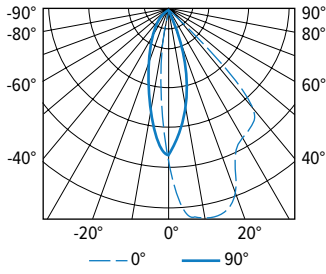
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Standard results based on 3500K/80 CRI, 0° tilt, actual lumens may vary +/-5%
- Tunable white results based on 4000K/80 CRI, 0° tilt, actual lumens may vary +/-5%
- Use multiplier tables to calculate additional options.



6AR PoE | tunable WHITE 6" Adjustable Downlight – Round

PHOTOMETRY

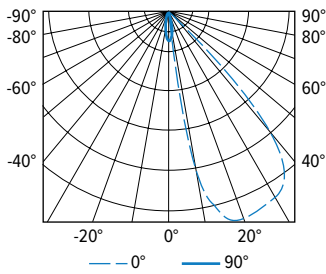
6AR-P27-835-DIM-POE-OW-OF-WH (25° tilt) Total Luminaire Output: 2634 lumens; 25.0 Watts | Efficacy: 105.4 lm/W | 82.3 CRI; 3571K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
		0°	45°	90°	135°	180°	
	0	3480	3480	3480	3480	3480	
	5	4862	4286	3083	2147	1733	289
	15	5090	3800	1765	591	414	627
	25	3900	3397	723	163	123	729
	35	3463	2549	146	35	27	671
	45	2265	283	15	8	8	301
	55	27	3	0	0	3	16
	65	0	0	0	0	0	0
	75	0	0	0	0	0	0
	85	0	0	0	0	0	0
	90	0	0	0	0	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1645	63
	0 - 40	2317	88
	0 - 60	2634	100
	0 - 90	2634	100
	0 - 180	2634	100

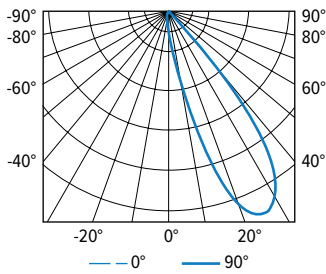
6AR-P27-835-DIM-POE-OM-OF-WH (25° tilt) Total Luminaire Output: 2511 lumens; 25.0 Watts | Efficacy: 100.4 lm/W | 82.3 CRI; 3571K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
		0°	45°	90°	135°	180°	
	0	1127	1127	1127	1127	1127	
	5	2735	1876	954	561	457	134
	15	7955	3079	476	202	171	550
	25	8069	2281	199	85	68	840
	35	7402	833	76	17	10	747
	45	1574	187	6	0	0	225
	55	46	0	0	0	0	14
	65	0	0	0	0	0	0
	75	0	0	0	0	0	0
	85	0	0	0	0	0	0
	90	0	0	0	0	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1524	61
	0 - 40	2272	91
	0 - 60	2511	100
	0 - 90	2511	100
	0 - 180	2511	100

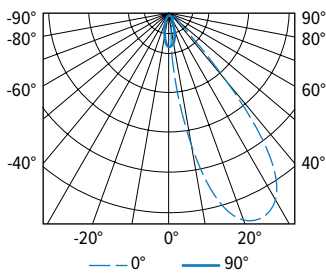
6AR-P27-835-DIM-POE-ON-OF-WH (25° tilt) Total Luminaire Output: 2811 lumens; 25.0 Watts | Efficacy: 112.4 lm/W | 82.2 CRI; 3571K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
		0°	45°	90°	135°	180°	
	0	706	706	706	706	706	
	5	1946	1346	615	334	278	93
	15	10047	2248	286	145	132	543
	25	15076	1855	122	77	71	1088
	35	10967	646	64	49	56	840
	45	1887	119	21	4	0	229
	55	97	4	0	0	0	18
	65	0	0	0	0	0	0
	75	0	0	0	0	0	0
	85	0	0	0	0	0	0
	90	0	0	0	0	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1724	61
	0 - 40	2564	91
	0 - 60	2811	100
	0 - 90	2811	100
	0 - 180	2811	100

6AR-P27-835-DIM-POE-LM-OF-WH (25° tilt) Total Luminaire Output: 2427 lumens; 25.0 Watts | Efficacy: 97.1 lm/W | 82.2 CRI; 3571K CCT

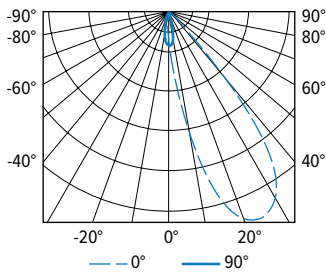


CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
		0°	45°	90°	135°	180°	
	0	1088	1088	1088	1088		
	5	2839	2050	1014	599	457	133
	15	6444	3183	565	225	185	508
	25	7434	2513	264	127	116	769
	35	5330	1095	126	85	92	621
	45	1541	287	63	72	85	254
	55	316	75	41	58	72	87
	65	69	28	25	38	49	38
	75	23	12	9	16	25	15
	85	0	0	0	0	0	1
	90	0	0	0	0	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1410	58
	0 - 40	2031	84
	0 - 60	2373	98
	0 - 90	2427	100
	0 - 180	2427	100

6AR PoE | tunable **WHITE** 6" Adjustable Downlight – Round

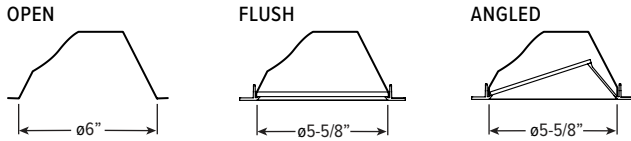
6AR-P27-835-DIM-POE-AM-OF-WH (25° tilt) Total Luminaire Output: 2312 lumens; 25.0 Watts | Efficacy: 92.5 lm/W | 82.2 CRI; 3571K CCT



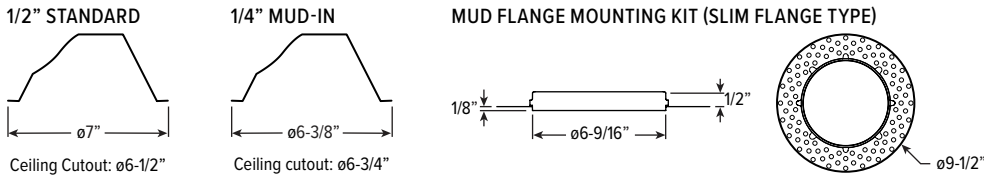
VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	1066	1066	1066	1066	1066	
5	2383	1798	962	572	461	122
15	6146	2935	527	199	151	477
25	7369	2358	227	90	73	747
35	5835	993	96	47	47	638
45	1763	257	43	32	39	262
55	174	36	22	23	27	50
65	18	9	9	13	16	12
75	6	1	0	1	4	2
85	0	0	0	0	0	0
90	0	0	0	0	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1346	58
	0 - 40	1984	86
	0 - 60	2297	99
	0 - 90	2312	100
	0 - 180	2312	100

TRIM TYPE DETAILS



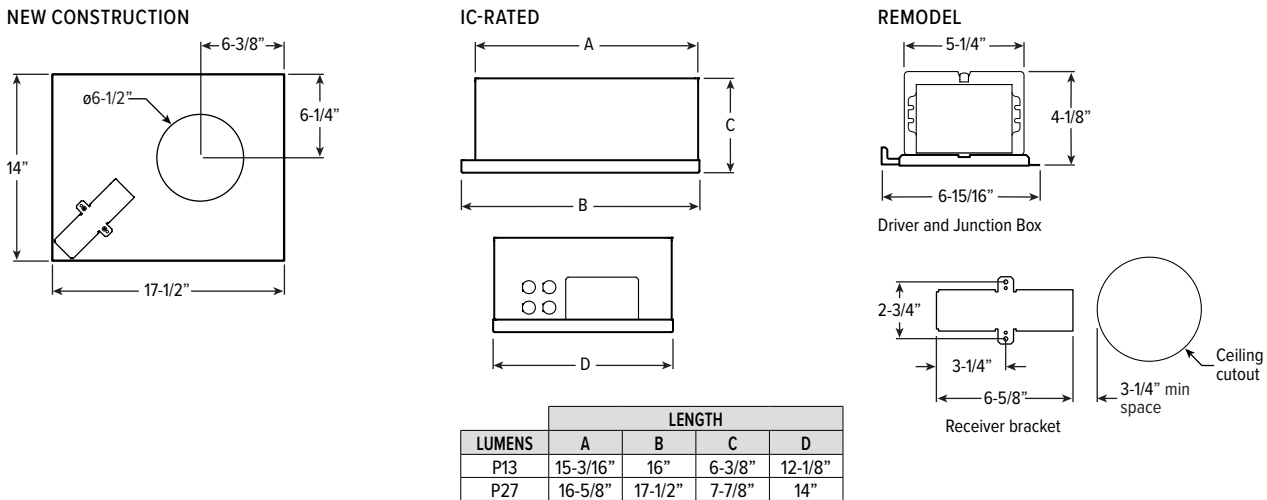
FLANGE TYPE DETAILS



REFLECTOR FINISH DETAILS



MOUNTING TYPE DETAILS

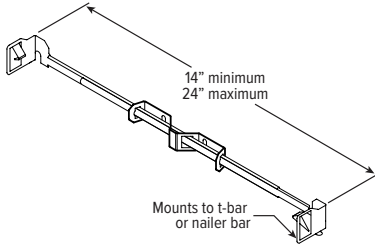


6AR PoE | tunable WHITE

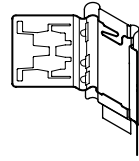
6" Adjustable Downlight – Round

MOUNTING HARDWARE DETAILS

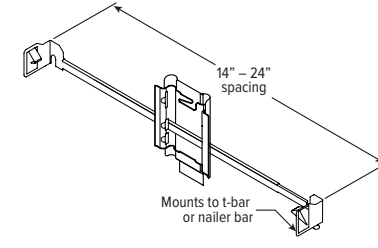
F1 2-Position fixed pan bracket, universal bar hanger included



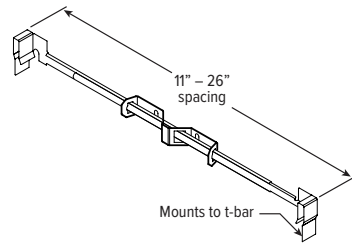
BA1 Adjustable butterfly pan bracket, bar hanger not included



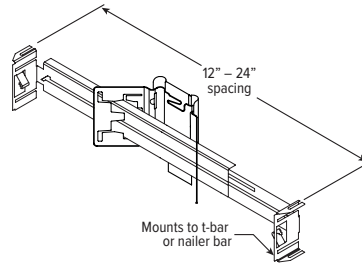
CA1 Adjustable caterpillar pan bracket, universal bar hanger included



F2 2-Position fixed pan bracket, t-bar bar hanger included



BA2 Adjustable butterfly pan bracket, heavy-duty universal bar hanger included



CA2 Adjustable caterpillar pan bracket, t-bar hanger included

