

6DR PoE | tunable WHITE 6" Downlight – Round

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)
P16	W	12.3	1611	131.5	1344	109.7	1301	106.2
	M	12.3	1563	127.6	1449	118.3	1409	115.0
	N	12.3	1495	122.1	1457	119.0	1420	115.9
P29	W	25.0	2947	117.9	2454	98.2	2375	95.0
	M	25.0	2855	114.0	2645	105.8	2573	103.9
	N	25.0	2731	109.0	2661	106.4	2593	103.7
P46	W	37.5	4582	122.2	3818	101.8	3695	98.5
	M	37.5	4442	118.5	-	-	-	-
	N	37.5	4252	113.4	-	-	-	-
P62	W	50.0	6158	123.2	5145	102.9	4980	99.6
	M	50.0	5970	119.4	-	-	-	-
	N	50.0	5715	114.3	-	-	-	-

TUNABLE WHITE

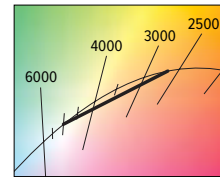
	DIST.	WATTAGE	OPEN REFLECTOR		FLUSH LENS		REGRESSED LENS	
			DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)	DELIVERED LUMENS	EFFICACY (lm/W)
P16	W	12.3	1343	109.6	1120	91.4	1084	88.5
	M	12.3	1303	106.4	1207	98.6	1175	95.9
	N	12.3	1246	101.7	1215	99.2	1184	96.6
P29	W	25.0	2728	109.1	2273	90.9	2200	88.0
	M	25.0	2645	105.8	2450	98.0	2383	95.3
	N	25.0	2531	101.2	2464	98.6	2402	96.1
P46	W	37.5	4070	108.5	3400	90.7	3291	87.8
	M	37.5	3945	105.2	-	-	-	-
	N	37.5	3776	100.7	-	-	-	-
P62	W	43.5	4721	108.5	3944	90.7	3817	87.8
	M	43.5	4576	105.2	-	-	-	-
	N	43.5	4381	100.7	-	-	-	-

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 ¹	0.92
	GD	0.93
	CG	0.96
	PW	0.86
	SPC	1.02
	RG	0.88
R TRIM	WH ¹	0.89
	BL ¹	0.47
	WH	1.00
	CS	0.98
	BL	0.79

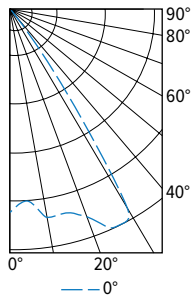
TRIM	
CATALOG NUMBER	CONVERSION FACTOR
S	0.85
AD	0.85
PD	0.85
TD	0.75
WET/CC ²	0.85



- Distribution will also be affected, consult factory.
 - Use multiplier when specified with O Trim Type.
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
 - Standard results based on 3500K/80 CRI, actual lumens may vary +/-5%
 - Tunable white results based on 4000K/80 CRI, actual lumens may vary +/-5%
 - Use multiplier tables to calculate additional options.

PHOTOMETRY

6DR-TL-P29/835-POE PR-OW-OF-CS Total Luminaire Output: 2947 lumens; 25.0 Watts | Efficacy: 117.9 lm/W | 80 CRI; 3500K CCT

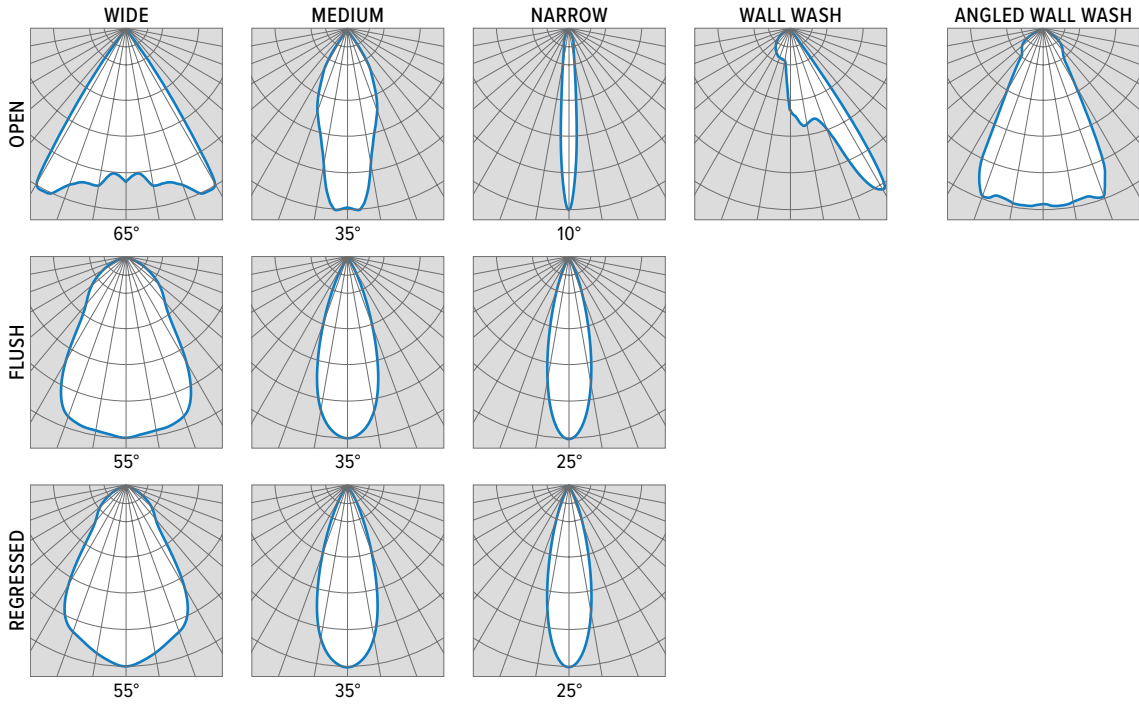


CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	2479	
	5	2341	224
	15	2572	729
	25	2938	1360
	35	895	563
	45	68	53
	55	19	17
	65	3	2
	75	0	0
	85	0	0
	90	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	2870	98
	0 - 60	2945	100
	0 - 90	2947	100
	0 - 180	2947	100



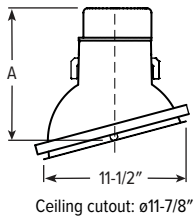
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TRIMLOCK DETAILS



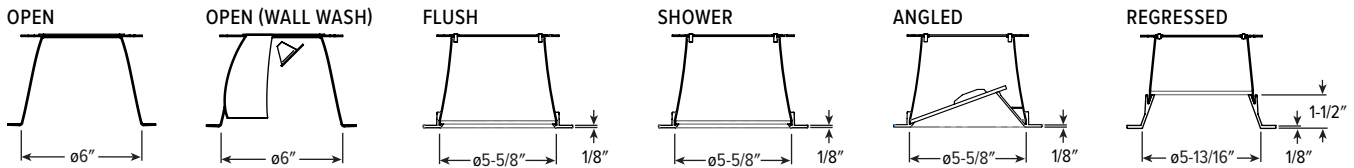
SLOPED CEILING ADAPTOR DETAILS



LUMENS	A (HEIGHT)						PLENUM HEIGHT
	5°	10°	15°	20°	25°	30°	
P16 - P46	10-11/16"	10-7/8"	10-15/16"	10-7/8"	10-13/16"	10-5/8"	11-1/4"
P62	11-7/16"	11-9/16"	11-5/8"	11-5/8"	11-1/2"	11-1/4"	12"

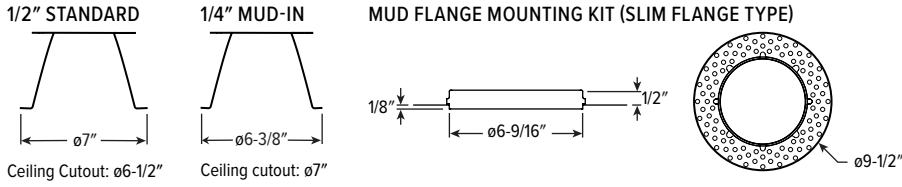
15° Shown

TRIM TYPE DETAILS

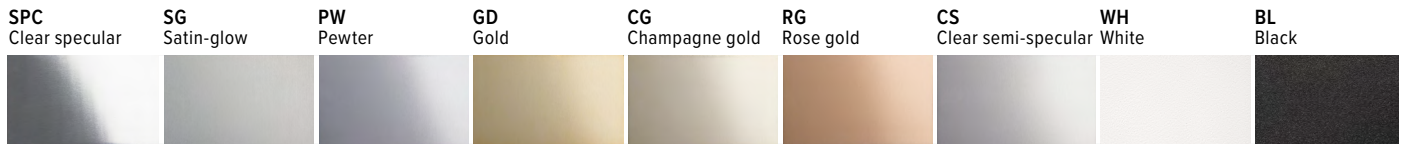


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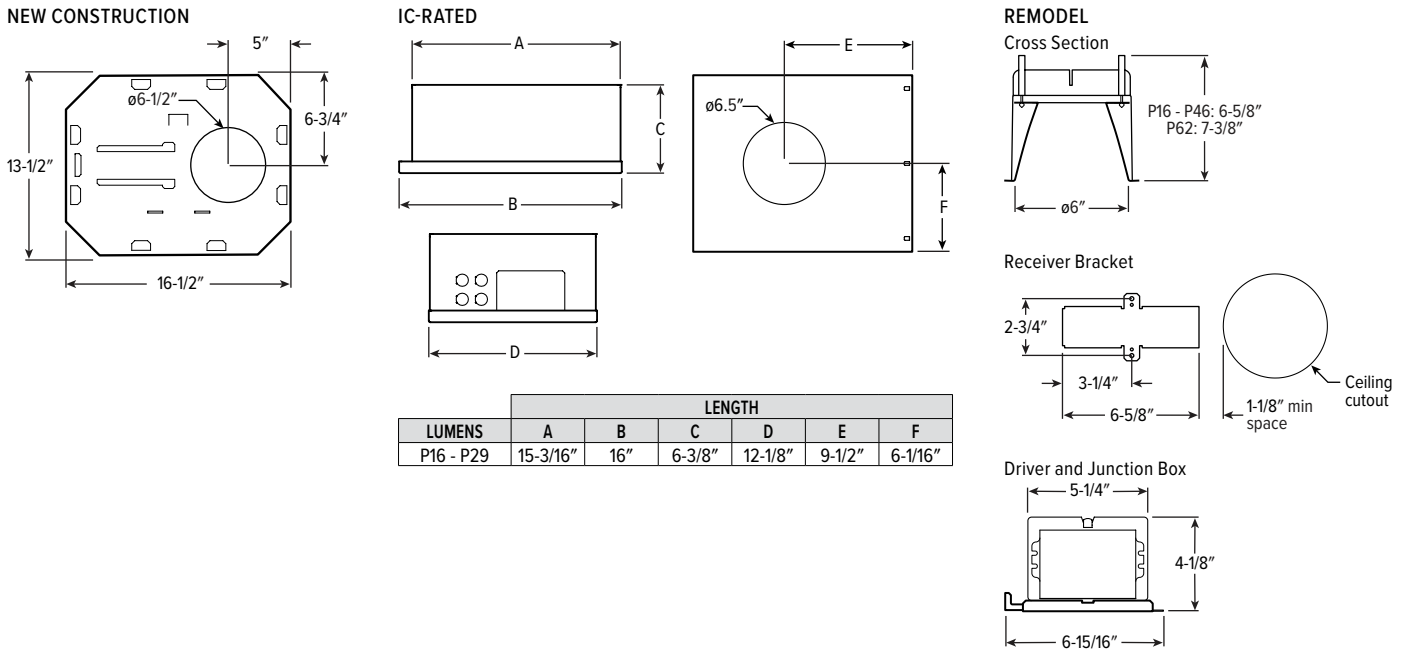
FLANGE TYPE DETAILS



REFLECTOR FINISH DETAILS



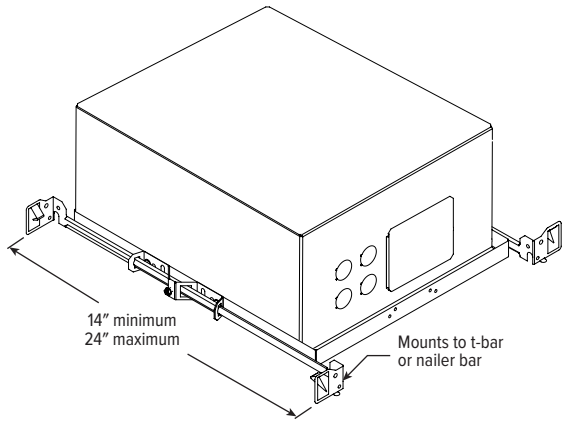
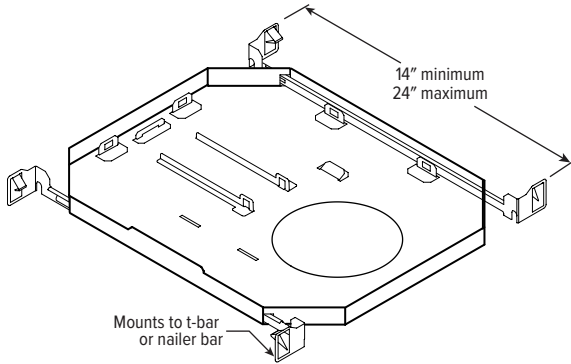
MOUNTING TYPE DETAILS



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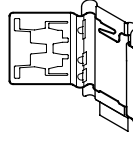
MOUNTING HARDWARE DETAILS

F1 Integral 2-position fixed pan bracket, universal bar hanger included

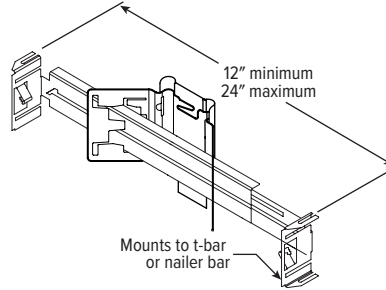


F1 with I Mounting Type

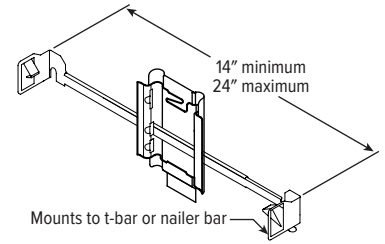
BA1 Adjustable butterfly pan bracket, bar hanger not included (N Mounting Type only)



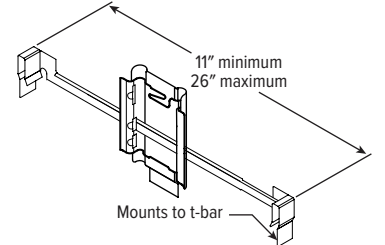
BA2 Adjustable butterfly pan bracket, heavy-duty universal bar hanger included (N Mounting Type only)



CA1 Adjustable caterpillar pan bracket, universal bar hanger included (N Mounting Type only)



CA2 Adjustable caterpillar pan bracket, t-bar hanger included (N Mounting Type only)



NODE CONNECTION DETAILS

Includes 24" cable with 4-position mating connector for Platformatics POE-LN2 node. See node spec sheet for details: platformatics.com/product/poe-ln2

