



# 6PR PoE | tunable WHITE

## 6" Shallow Plenum Downlight – Round

### FIXTURE PERFORMANCE DATA

#### STANDARD

	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P15	W	1459	12.3	118.6
	M	1480	12.3	120.3
	N	1493	12.3	121.4
P29	W	2888	25.0	115.5
	M	2928	25.0	117.0
	N	2957	25.0	118.3
P41	W	4131	37.5	110.1
	M	4150	37.5	110.7
	N	4044	37.5	107.8
P54	W	5434	50.0	108.7
	M	-	-	-
	N	-	-	-

- 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.

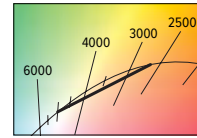
#### TUNABLE WHITE

	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P15	W	910	12.3	74.0
	M	875	12.3	71.1
	N	844	12.3	68.6
P29	W	1912	25.0	76.5
	M	1838	25.0	73.5
	N	1772	25.0	70.9
P41	W	3265	43.5	75.1
	M	-	-	-
	N	-	-	-

#### MULTIPLIER TABLES

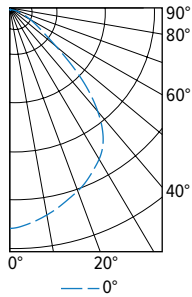
	COLOR TEMPERATURE		
	CCT	LUMENS	
		STANDARD	TUNABLE WHITE
80 CRI	2700K	0.92	0.83
	3000K	0.98	1.00
	3500K	1.00	0.99
	4000K	1.01	1.00
	5000K	1.02	0.98
90 CRI	2700K	0.76	-
	3000K	0.79	-
	3500K	0.82	-
	4000K	0.84	-
	5000K	0.88	-

TRIM	
CATALOG NUMBER	CONVERSION FACTOR
S	0.85
AD	0.85
PD	0.85



### PHOTOMETRY

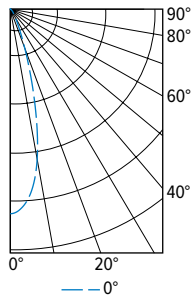
6PR-TL-P29/835-POE PR-LW-OF-WH Total Luminaire Output: 2888 lumens; 25.0 Watts | Efficacy: 115.5 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	1529	
	5	1502	142
	15	1406	397
	25	1293	596
	35	1124	695
	45	727	552
	55	291	272
	65	145	146
	75	66	71
	85	15	18
	90	1	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1830	63
	0 - 60	2653	92
	0 - 90	2888	100
	0 - 180	2888	100

6PR-TL-P29/835-POE PR-LM-OF-WH Total Luminaire Output: 2928 lumens; 25.0 Watts | Efficacy: 117.0 lm/W | 80 CRI; 3500K CCT



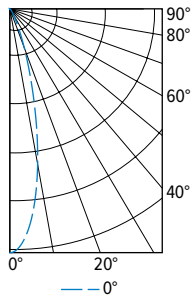
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	6736	
	5	6473	594
	15	4238	1139
	25	1340	639
	35	398	261
	45	175	138
	55	91	83
	65	47	47
	75	22	23
	85	4	5
	90	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	2632	90
	0 - 60	2853	97
	0 - 90	2928	100
	0 - 180	2928	100



# 6PR PoE | tunable **WHITE** 6" Shallow Plenum Downlight – Round

6PR-TL-P29/835-POE PR-LN-OF-WH Total Luminaire Output: 2957 lumens; 25.0 Watts | Efficacy: 118.3 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE 0°	ZONAL LUMENS
	0		10919
5		9871	856
15		4231	1164
25		1008	490
35		278	183
45		140	110
55		86	77
65		48	48
75		21	23
85		4	5
90		1	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	2694	91
	0 - 60	2881	97
	0 - 90	2957	100
	0 - 180	2957	100

## TRIMLOCK DETAILS

TWIST



PULL

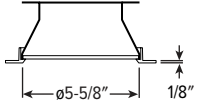


RELEASE

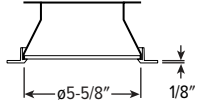


## TRIM TYPE DETAILS

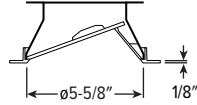
FLUSH



SHOWER

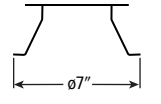


ANGLED



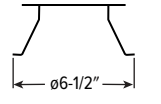
## FLANGE TYPE DETAILS

1/2" STANDARD



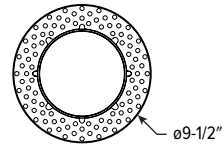
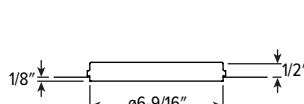
Ceiling Cutout:  $\phi 6-1/2"$

1/4" MUD-IN



Ceiling cutout:  $\phi 6-3/4"$

MUD FLANGE MOUNTING KIT (SLIM FLANGE TYPE)



## REFLECTOR FINISH DETAILS

CS

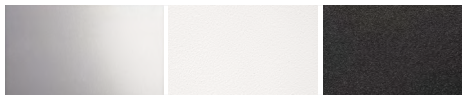
Clear semi-specular

WH

White

BL

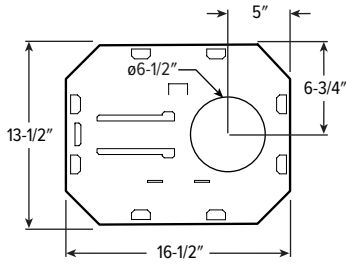
Black



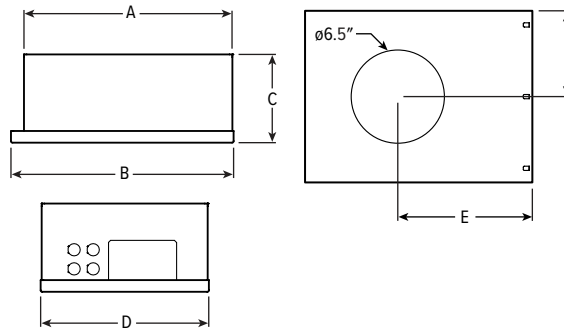
# 6PR PoE | tunable WHITE 6" Shallow Plenum Downlight – Round

## MOUNTING TYPE DETAILS

### NEW CONSTRUCTION

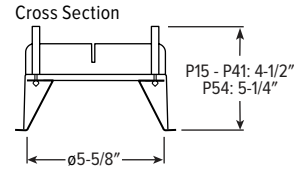


### IC-RATED

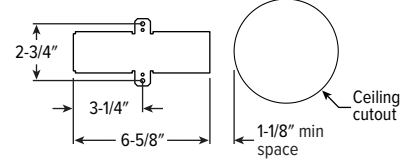


LUMENS	LENGTH					
	A	B	C	D	E	F
P15	15-1/16"	16"	4-1/2"	12-1/8"	9-1/2"	6"
P29	15-3/16"	16"	6-3/8"			

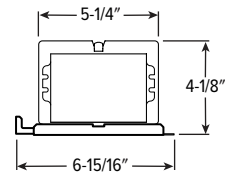
### REMODEL



### Receiver Bracket

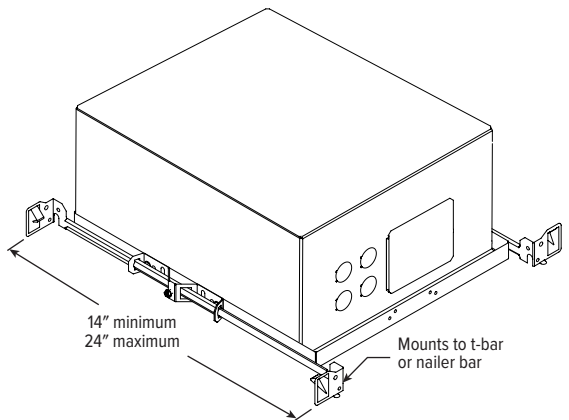
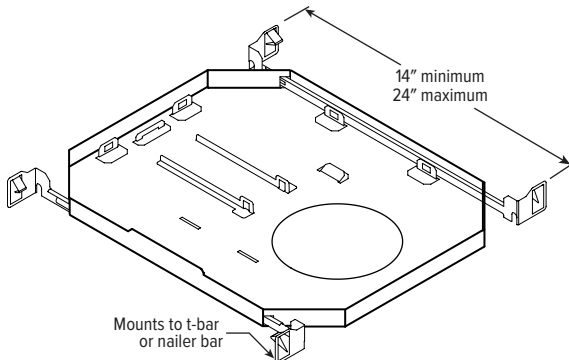


### Driver and Junction Box



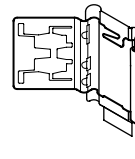
## MOUNTING HARDWARE DETAILS

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

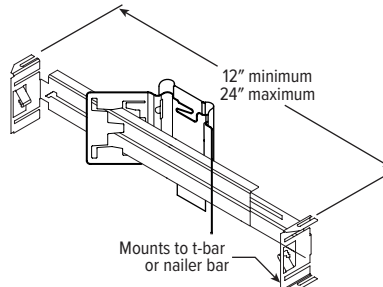


F1 with I Mounting Type

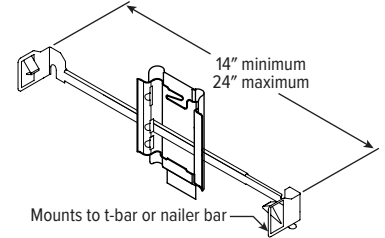
**BA1** Adjustable butterfly pan bracket, bar hanger not included (N Mounting Type only)



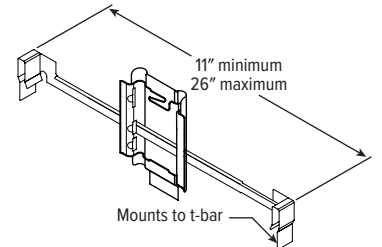
**BA2** Adjustable butterfly pan bracket, heavy-duty universal bar hanger included (N Mounting Type only)



**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)



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## 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](http://platformatics.com/product/poe-ln2)

