

6PS PoE | tunable WHITE

6" Shallow Plenum Downlight – Square

FIXTURE PERFORMANCE DATA

STANDARD

LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	1337	12.3	108.7
	M	1268	12.3	103.1
	N	1217	12.3	98.9
P25	W	2488	25.0	99.5
	M	2360	25.0	94.4
	N	2264	25.0	90.6
P40	W	3972	37.5	105.9
	M	3767	37.5	100.5
	N	3614	37.5	96.4
P54	W	5381	50.0	107.6

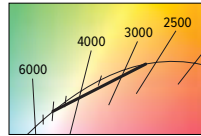
TUNABLE WHITE

LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	1073	12.3	87.2
	M	1031	12.3	83.8
	N	994	12.3	80.8
P25	W	2265	25	90.6
	M	2165	25	86.6
	N	2086	25	83.4
P40	W	3868	43.5	88.9
	M	3696	43.5	85.0
	N	3563	43.5	81.9

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

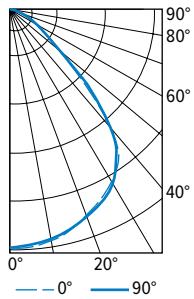
TUNABLE WHITE		
	CCT	LUMENS
80 CRI	2700K	0.83
	3000K	1.00
	3500K	0.99
	4000K	1.00
	5000K	0.98



- 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

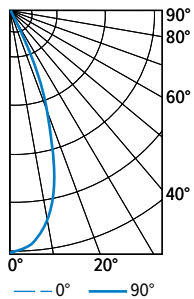
6PS-P40/835-DIM-POE-LW-OF-WH Total Luminaire Output: 3972 lumens; 37.5 Watts | Efficacy: 105.9 lm/W | 82.9 CRI; 3419K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1965	1965	1965	
5	1965	1955	1949	186
15	1895	1881	1886	532
25	1762	1744	1758	809
35	1563	1562	1526	960
45	932	1177	924	792
55	353	553	339	402
65	169	204	170	188
75	74	79	75	84
85	15	13	15	19
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1527	38
	0 - 40	2486	63
	0 - 60	3681	93
	0 - 90	3972	100
	0 - 180	3972	100

6PS-P40/835-DIM-POE-LM-OF-WH Total Luminaire Output: 3767 lumens; 37.5 Watts | Efficacy: 100.5 lm/W | 82.9 CRI; 3419K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	7742	7742	7742	
5	7587	7536	7486	696
15	5321	5367	5399	1442
25	1737	1820	1816	890
35	519	547	549	365
45	218	233	231	183
55	110	122	110	105
65	54	60	54	56
75	22	23	22	25
85	3	4	3	5
90	0	0	0	

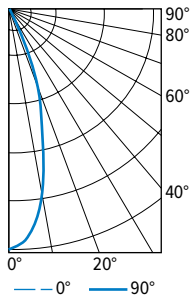
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	3027	80
	0 - 40	3392	90
	0 - 60	3681	98
	0 - 90	3767	100
	0 - 180	3767	100



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6" Shallow Plenum Downlight – Square

6PS-P40/835-DIM-POE-LN-OF-WH Total Luminaire Output: 3614 lumens; 37.5 Watts | Efficacy: 96.4 lm/W | 82.9 CRI; 3419K CCT

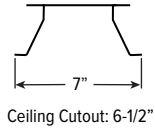


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	8772	8772	8772	
5	8342	8277	8271	749
15	4876	4921	4891	1341
25	1521	1624	1597	780
35	452	476	485	322
45	214	234	231	179
55	133	152	137	128
65	73	82	76	78
75	27	31	27	32
85	2	3	3	5
90	0	0	0	

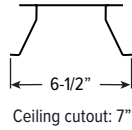
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2870	79
	0 - 40	3192	88
	0 - 60	3499	97
	0 - 90	3614	100
	0 - 180	3614	100

FLANGE TYPE DETAILS

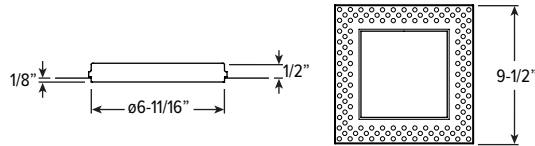
1/2" STANDARD



1/4" MUD-IN



MUD FLANGE MOUNTING KIT (SLIM FLANGE TYPE)



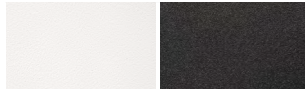
REFLECTOR FINISH DETAILS

WH

White

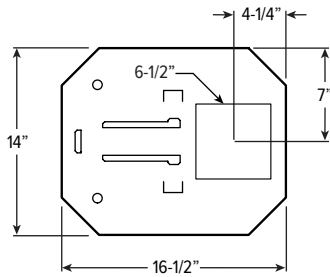
BL

Black

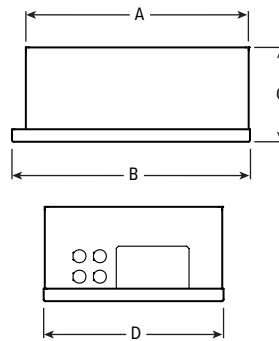


MOUNTING TYPE DETAILS

NEW CONSTRUCTION

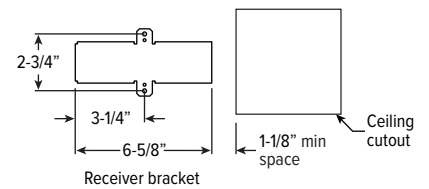
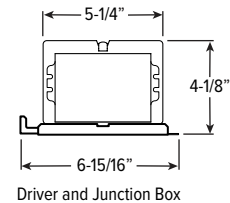


IC-RATED



LUMENS	LENGTH			
	A	B	C	D
P13	15-3/16"	16"	4-1/2"	12-1/8"
P25	15-3/16"	16"	6-3/8"	12-1/8"

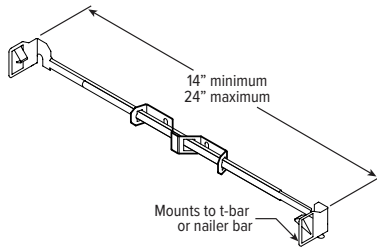
REMODEL



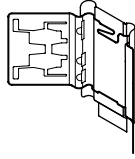
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MOUNTING HARDWARE DETAILS

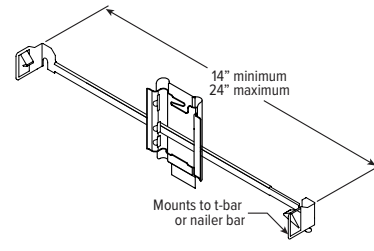
F1 2-Position fixed pan bracket, universal bar hanger included



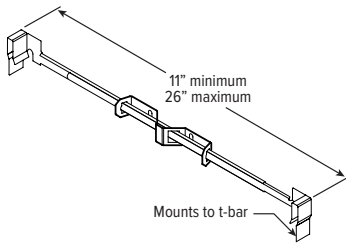
BA1 Adjustable butterfly pan bracket, bar hanger not included



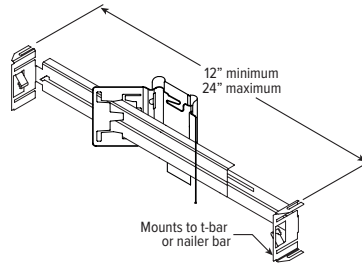
CA1 Adjustable caterpillar pan bracket, universal bar hanger included



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

