

6PS PoE | tunable WHITE

6" Shallow Plenum Downlight – Square

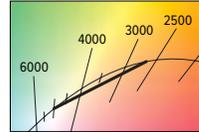
FIXTURE PERFORMANCE DATA

STANDARD

	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
	M	-	-	-
	N	-	-	-

TUNABLE WHITE

	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	-	-	-
	N	-	-	-



MULTIPLIER TABLES

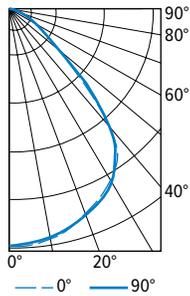
	COLOR TEMPERATURE		
	CCT	LUMENS	
		STANDARD	TUNABLE WHITE
80 CRI	2700K	0.92	0.83
	3000K	0.98	1.00
	3500K	1.00	0.99
	4000K	1.01	1.00
	5000K	1.02	0.98
90 CRI	2700K	0.76	-
	3000K	0.79	-
	3500K	0.82	-
	4000K	0.84	-
	5000K	0.88	-

TRIM	
CATALOG NUMBER	CONVERSION FACTOR
AD	0.85
PD	0.85

- 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

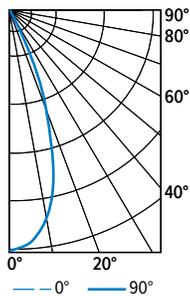
6PS-P40/835-POE PR-LW-OF-WH Total Luminaire Output: 3972 lumens; 37.5 Watts | Efficacy: 105.9 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	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

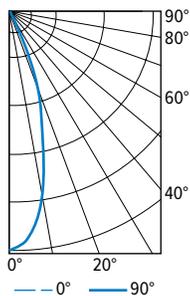
6PS-P40/835-POE PR-LM-OF-WH Total Luminaire Output: 3767 lumens; 37.5 Watts | Efficacy: 100.5 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	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

6PS-P40/835-POE PR-LN-OF-WH Total Luminaire Output: 3614 lumens; 37.5 Watts | Efficacy: 96.4 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	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	

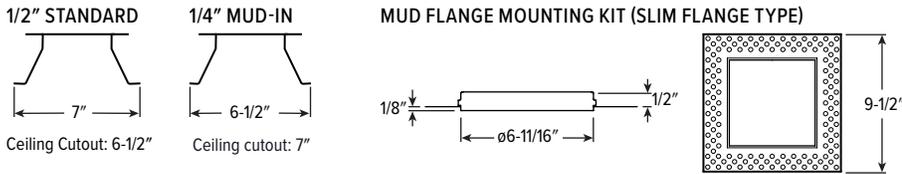
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	2870	79
	0 - 40	3192	88
	0 - 60	3499	97
	0 - 90	3614	100
	0 - 180	3614	100



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6" Shallow Plenum Downlight – Square

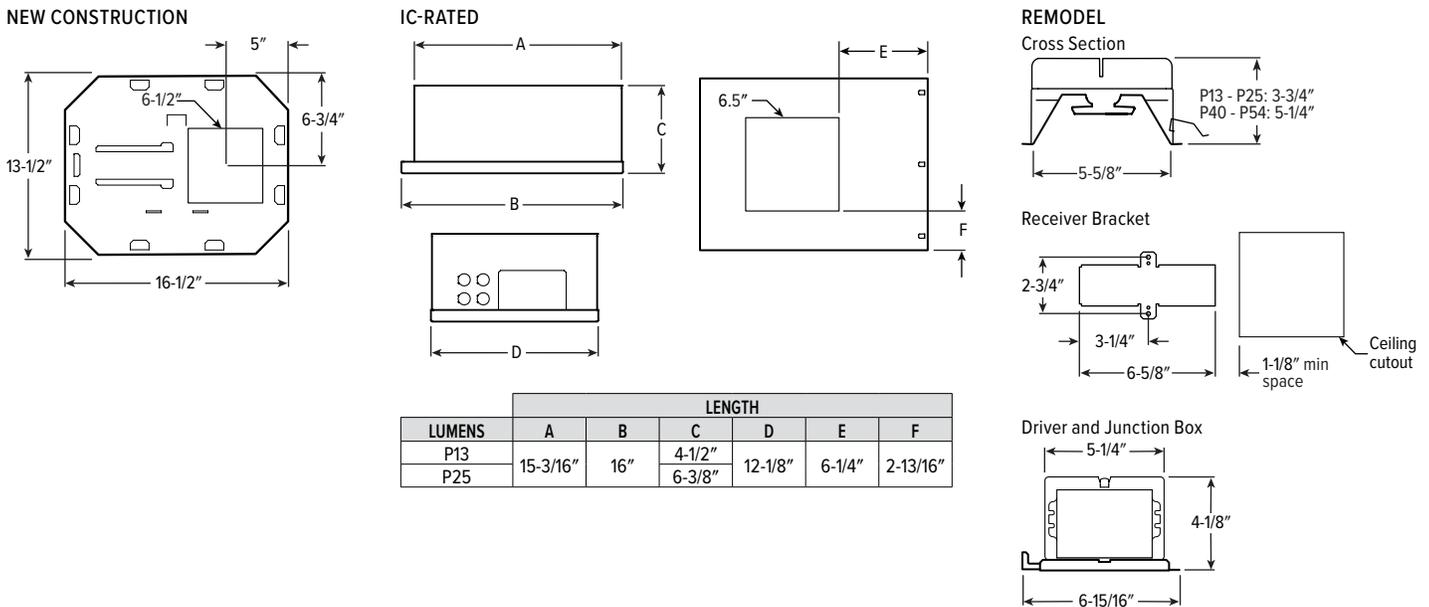
FLANGE TYPE DETAILS



REFLECTOR FINISH DETAILS



MOUNTING TYPE DETAILS



APERTURE ADAPTOR ORDERING INFO

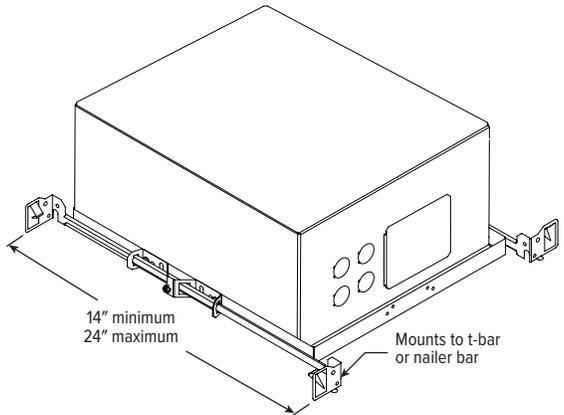
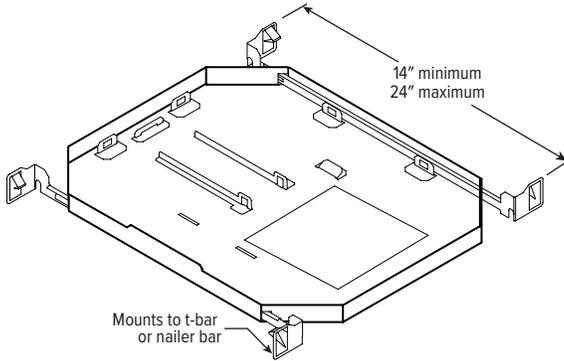
ORDERING EXAMPLE: 4DR - GR - 0575 - WHT			
SERIES	CATALOG NUMBER	CEILING CUTOUT	FINISH
4AR 6AR 4DR 6DR 4DS 6DS 4PR 6PR 4PS 6PS 8DR	GR	Specify ceiling cutout in 1/8" increments. Example: 5.75" = 0575 See Kit Components for application limits.	CS Clear semi-specular powder coat WH White texture powder coat BL Black texture powder coat

Additional finishes available, consult factory. For use with remodel downlights. For limitations and instructions, see hew.com/aperture-adaptor.pdf

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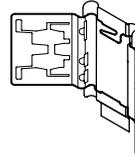
MOUNTING HARDWARE DETAILS

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

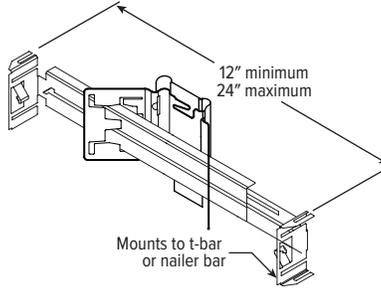


F1 with I Mounting Type

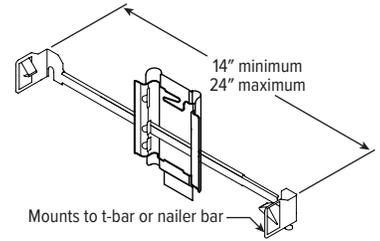
BA1 Adjustable butterfly pan bracket, bar hanger not included (N Mounting Type only)



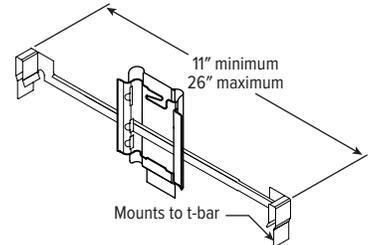
BA2 Adjustable butterfly pan bracket, heavy-duty universal bar hanger included (N Mounting Type only)



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

