



## FIXTURE PERFORMANCE DATA

### STANDARD

#### OPEN REFLECTOR TRIM TYPE

	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	1238	12.3	101.0
	M	1006	12.3	82.2
	N	992	12.3	81.0
P25	W	2306	25.0	92.2
	M	1875	25.0	75.0
	N	1849	25.0	74.0
P40	W	3725	37.5	99.3
	M	3026	37.5	80.7
	N	2909	37.5	77.6
P54	W	5029	50.0	100.6

#### FLUSH LENS TRIM TYPE

	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	1317	12.3	107.5
	M	1349	12.3	110.1
	N	1314	12.3	107.3
P25	W	2454	25.0	98.2
	M	2515	25.0	100.6
	N	2449	25.0	98.0
P40	W	3965	37.5	105.7
	M	4057	37.5	108.2
	N	3851	37.5	102.7
P54	W	5353	50.0	107.1

#### REGRESSED LENS TRIM TYPE

	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	1266	12.3	103.3
	M	1313	12.3	107.2
	N	1307	12.3	106.7
P25	W	2358	25.0	94.3
	M	2447	25.0	97.9
	N	2436	25.0	97.4
P40	W	3809	37.5	101.6
	M	3949	37.5	105.3
	N	3831	37.5	102.2
P54	W	5143	50.0	102.9

### TUNABLE WHITE

#### OPEN REFLECTOR TRIM TYPE

	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	1088	12.3	88.8
	M	881	12.3	71.9
	N	869	12.3	70.9
P25	W	2157	22.0	98.0
	M	1752	22.0	79.6
	N	1684	22.0	76.5
P40	W	3285	37.5	87.6
P54	W	3810	43.5	87.6

#### FLUSH LENS TRIM TYPE

	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	1153	12.3	94.1
	M	1181	12.3	96.4
	N	1150	12.3	93.9
P25	W	2295	22.0	104.3
	M	2349	22.0	106.8
	N	2230	22.0	101.4
P40	W	3496	37.5	93.2
P54	W	4056	43.5	93.2

#### REGRESSED LENS TRIM TYPE

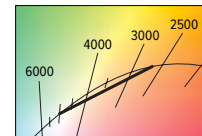
	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P13	W	1108	12.3	90.4
	M	1150	12.3	93.8
	N	1144	12.3	93.4
P25	W	2205	22.0	100.2
	M	2287	22.0	103.9
	N	2218	22.0	100.8
P40	W	3359	37.5	89.6
P54	W	3897	43.5	89.6

### 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	-

OPEN REFLECTOR FINISH		
CATALOG NUMBER	REFLECTOR FINISH	CONVERSION FACTOR
CS	Clear semi-specular	1.00
SG	Satin-glow	0.92
GD	Gold	0.93
CG	Champagne Gold	0.96
PW	Pewter	0.86
SPC	Specular	1.02
RG	Rose Gold	0.88
WH	White, textured	0.89
BL	Black, textured	0.79

TRIM	
CATALOG NUMBER	CONVERSION FACTOR
AD	0.85
PD	0.85



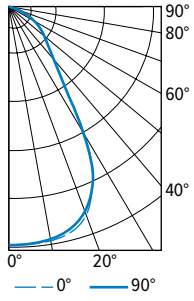
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Standard results based on 3500K/80 CRI, actual lumens may vary +/-5%
- Tunable white results based on 4000K/80 CRI, actual lumens may vary +/-5%
- Use multiplier tables to calculate additional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



# 6DS PoE | tunable **WHITE** 6" Downlight – Square

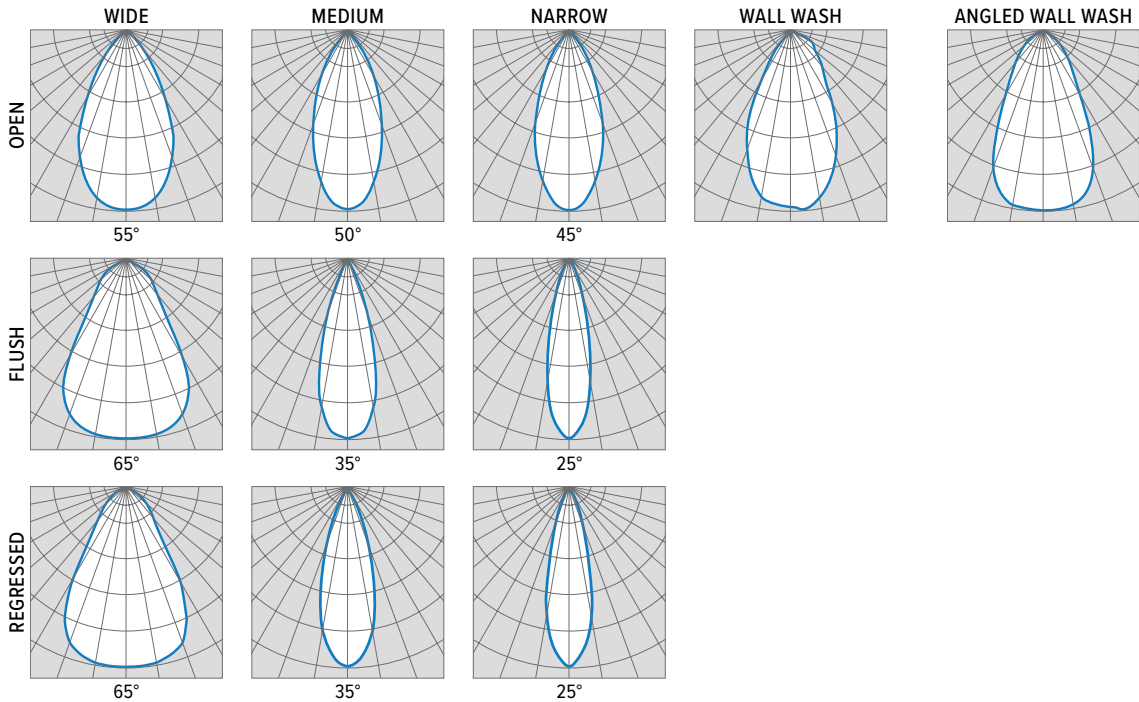
## PHOTOMETRY

6DS-P25/835-POE PR-LW-OF-WH Total Luminaire Output: 2454 lumens; 25.0 Watts | Efficacy: 98.2 lm/W | 80 CRI; 3500K CCT

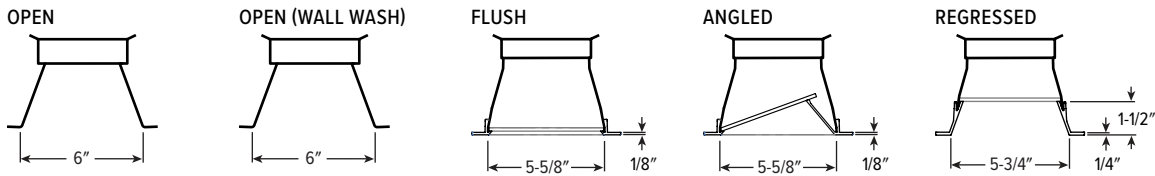


CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	1658	1658	1658	
5	1662	1654	1656	157	
15	1624	1603	1603	453	
25	1353	1492	1359	633	
35	619	998	621	498	
45	376	434	367	317	
55	237	243	235	215	
65	122	122	118	122	
75	47	46	45	51	
85	4	2	5	8	
90	0	0	0		

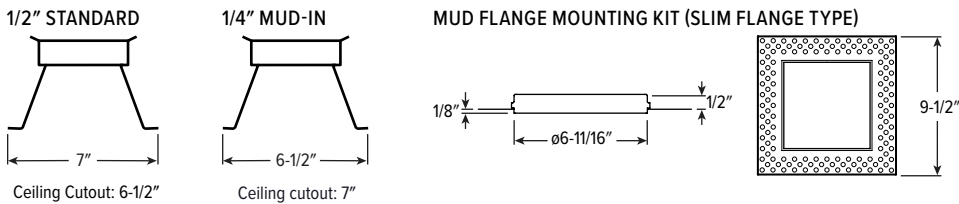
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1244	51
	0 - 40	1742	71
	0 - 60	2274	93
	0 - 90	2454	100
	0 - 180	2454	100



## TRIM TYPE DETAILS

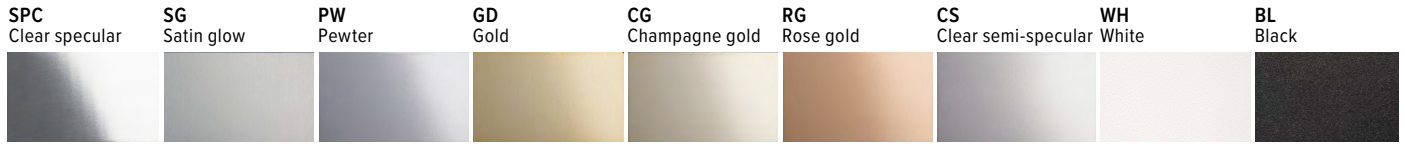


## FLANGE TYPE DETAILS



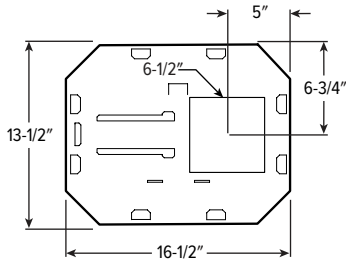
# 6DS PoE | tunable **WHITE** 6" Downlight – Square

## REFLECTOR FINISH DETAILS

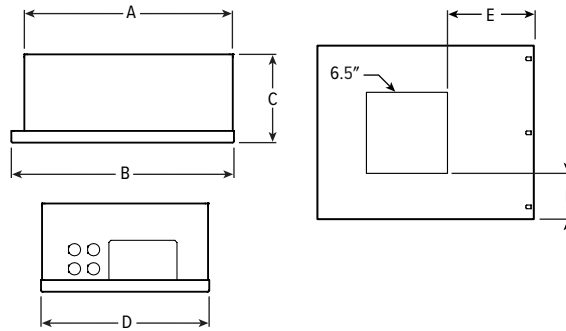


## MOUNTING TYPE DETAILS

### NEW CONSTRUCTION

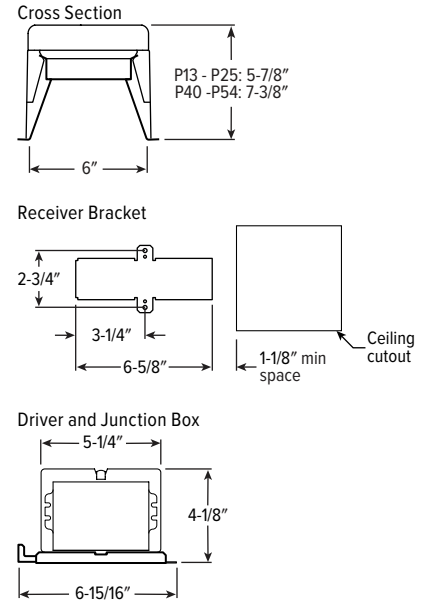


### IC-RATED



LUMENS	LENGTH					
	A	B	C	D	E	F
P13	15-3/16"	16"	6-3/8"	12-1/8"	6-1/4"	2-7/8"
P25	16-5/8"	17-1/2"	7-7/8"	14"	7"	3-3/4"

### REMODEL



## APERTURE ADAPTOR ORDERING INFO

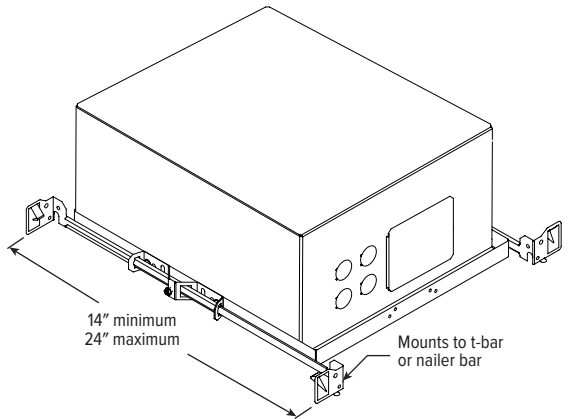
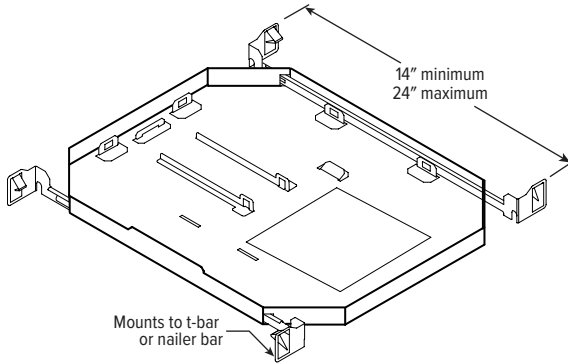
ORDERING EXAMPLE: 4DR - GR - 0575 - WHT			
SERIES	CATALOG NUMBER	CEILING CUTOUT	FINISH
4AR 6AR 4DR 6DR 4DS 6DS 4PR 6PR 4PS 6PS 8DR	GR	Specify ceiling cutout in 1/8" increments. Example: 5.75" = <b>0575</b>	<b>CS</b> Clear semi-specular powder coat
		See Kit Components for application limits.	<b>WH</b>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

For use with remodel downlights. Additional finishes available, consult factory.  
For limitations and instructions, see [hew.com/aperture-adaptor.pdf](http://hew.com/aperture-adaptor.pdf)



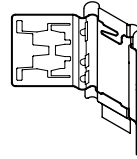
## MOUNTING HARDWARE DETAILS

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

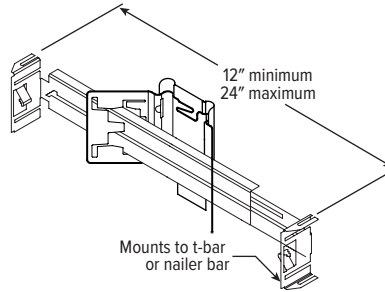


F1 with I Mounting Type

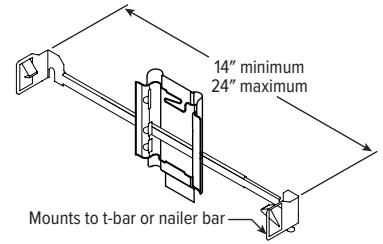
**BA1** Adjustable butterfly pan bracket, bar hanger not included (N Mounting Type only)



**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)

