

8DR PoE | tunable WHITE

8" Downlight – Round

FIXTURE PERFORMANCE DATA

STATIC WHITE

	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P11	W	1105	11.6	95
	M	1094	11.6	94
	N	1003	11.6	87
P19	W	1938	22.8	85
	M	1919	22.8	84
	N	1758	22.8	77
P34	W	3382	34.9	97
	M	3349	34.9	96
	N	3068	34.9	88
P44	W	4411	47.7	93
	M	4369	47.7	92
	N	4002	47.7	84
P64	W	6422	69.0	93
	M	6361	69.0	92
	N	5827	69.0	84

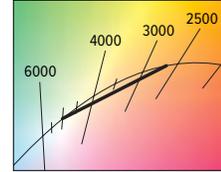
TUNABLE WHITE

	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P11	W	952	11.9	80
	M	943	11.9	79
	N	864	11.9	73
P19	W	1409	17.0	83
	M	1395	17.0	82
	N	1278	17.0	75
P34	W	1915	23.1	83
	M	1896	23.1	82
	N	1737	23.1	75
P44	W	2785	34.3	81
	M	2758	34.3	80
	N	2527	34.3	74
P64	W	3481	43.5	80
	M	3448	43.5	79
	N	3159	43.5	73

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	–

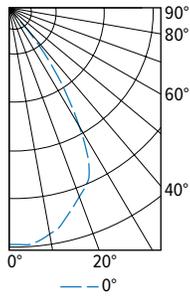
REFLECTOR FINISH	
CATALOG NUMBER	CONVERSION FACTOR
CS	1.00
SG ¹	0.92
GD	0.93
CG	0.96
PW	0.86
SPC	1.02
RG	0.88
WH ¹	0.89
BL ¹	0.47



- ¹ Distribution will also be affected, consult factory.
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Static white 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.

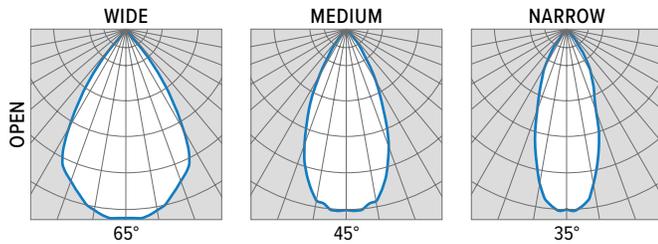
PHOTOMETRY

8DR-P64/835-OW-CS-POE-PR Total Luminaire Output: 6422 lumens; 69 Watts | Efficacy: 93 lm/W | 80 CRI; 3500K CCT



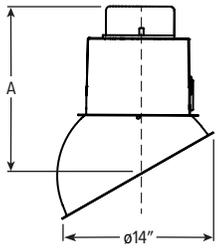
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	6279	
	5	6318	593
	15	5760	1621
	25	4982	2231
	35	2461	1532
	45	385	353
	55	52	49
	65	26	26
	75	12	13
	85	3	4
	90	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	5977	93
	0 - 60	6379	99
	0 - 90	6422	100
	0 - 180	6422	100



8DR PoE | tunable WHITE 8" Downlight – Round

SLOPED CEILING ADAPTOR DETAILS



Ceiling cutout: $\phi 14-3/8"$

LUMENS	A (HEIGHT)						PLENUM HEIGHT
	5°	10°	15°	20°	25°	30°	
P11 - P34	13-5/16"	13-3/8"	13-5/16"	13-3/16"	13"	12-5/8"	13-3/4"
P44 - P64	14-3/4"	14-13/16"	14-3/4"	14-5/8"	14-5/16"	14"	15"

30° Shown

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

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

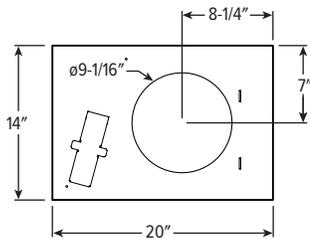
REFLECTOR FINISH DETAILS



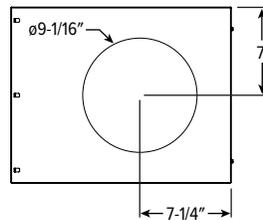
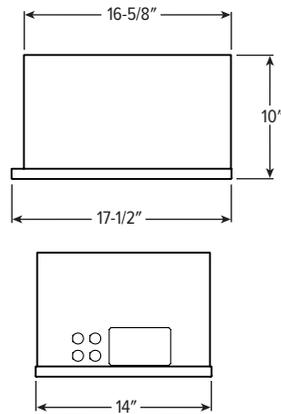
MOUNTING TYPE DETAILS

Ceiling cutout 9-1/16" for all mounting types.

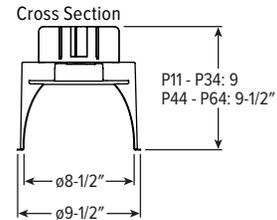
NEW CONSTRUCTION



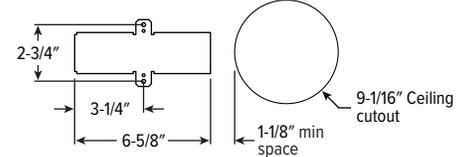
IC-RATED



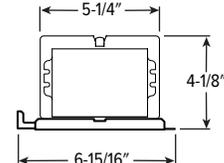
REMODEL



Receiver Bracket

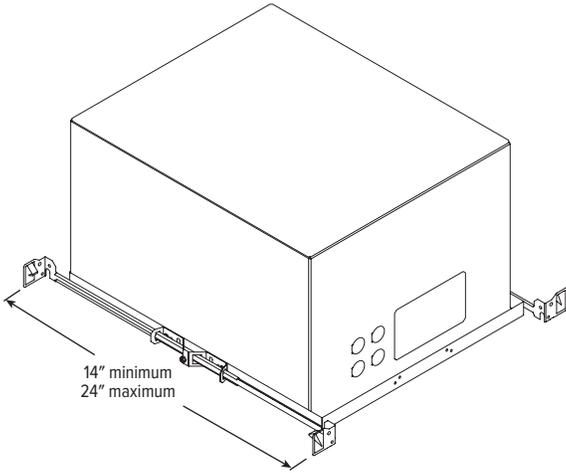
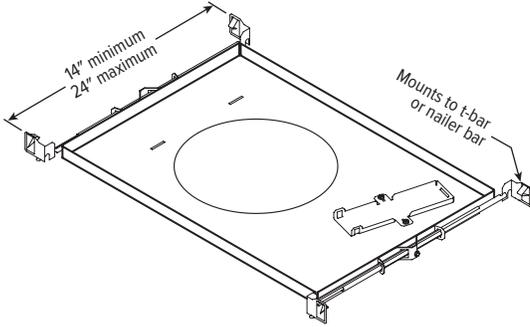


Driver and Junction Box



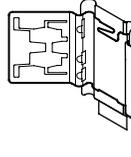
MOUNTING HARDWARE DETAILS

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

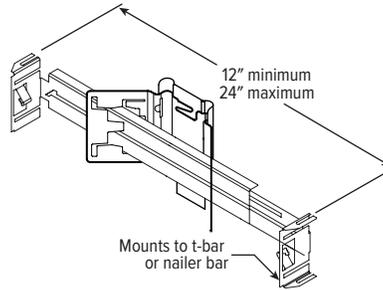


F1 with I Mounting Type

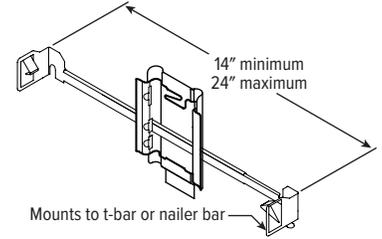
BA1 Adjustable butterfly pan bracket, bar hanger not included (N Mounting Type only)



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)

