



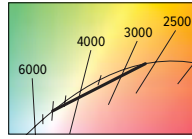
# 4PS tunable WHITE 4.5" Shallow Plenum Downlight – Square

## FIXTURE PERFORMANCE DATA

LED PACKAGE	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L11	W	1156	14.6	79.4
	M	1197	14.6	82.2
	N	1158	14.6	79.6
L20	W	2016	24.0	84.0
	M	2087	24.0	87.0
	N	2019	24.0	84.1
L40	W	4076	46.7	87.2
	M	4220	46.7	90.3
	N	4082	46.7	87.4

## MULTIPLIER TABLE

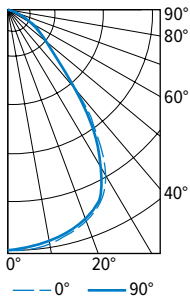
COLOR TEMPERATURE		
CCT	LUMENS	WATTS
2700K	0.83	1.03
3000K	1.00	1.00
3500K	0.99	0.99
4000K	1.00	1.00
5000K	0.98	1.03



- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is based on 120V input.
- Results based on 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier tables to calculate additional options.

## PHOTOMETRY

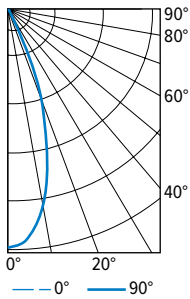
4PS-L20/8TW-DIM-UNV-LW-OF-WH Total Luminaire Output: 2016 lumens; 24.0 Watts | Efficacy: 84.0 lm/W | 80.0 CRI; 4000K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	1134	1134	1134	
	5	1134	1128	1128	107
	15	1093	1088	1084	307
	25	1022	1025	1011	466
	35	726	864	706	485
	45	327	504	315	315
	55	187	210	180	179
	65	102	100	99	102
	75	43	43	43	47
	85	6	6	5	9
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	880	44
	0 - 40	1365	68
	0 - 60	1858	92
	0 - 90	2016	100
	0 - 180	2016	100

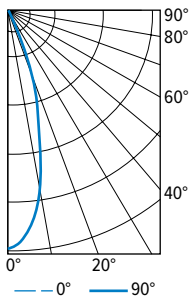
4PS-L20/8TW-DIM-UNV-LM-OF-WH Total Luminaire Output: 2087 lumens; 24.0 Watts | Efficacy: 87.0 lm/W | 80.0 CRI; 4000K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	4486	4486	4486	
	5	4338	4326	4340	397
	15	2970	2970	2949	802
	25	1027	1023	1024	503
	35	300	302	318	205
	45	111	120	117	93
	55	49	54	51	48
	65	24	26	26	25
	75	10	10	12	11
	85	0	1	1	2
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1702	82
	0 - 40	1907	91
	0 - 60	2049	98
	0 - 90	2087	100
	0 - 180	2087	100

4PS-L20/8TW-DIM-UNV-LN-OF-WH Total Luminaire Output: 2019 lumens; 24.0 Watts | Efficacy: 84.1 lm/W | 80.0 CRI; 4051K CCT



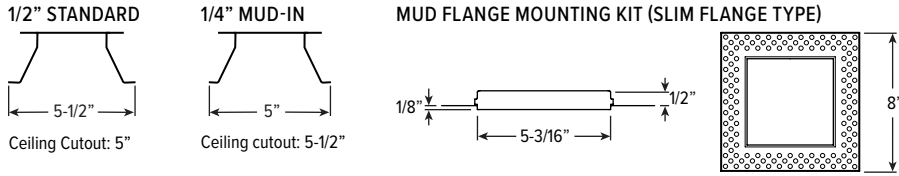
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	5270	5270	5270	
	5	4963	4920	4907	443
	15	2782	2815	2767	775
	25	858	934	912	441
	35	238	256	270	173
	45	102	108	112	86
	55	58	63	61	55
	65	28	33	31	31
	75	11	13	13	13
	85	0	1	1	2
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1659	82
	0 - 40	1831	91
	0 - 60	1973	98
	0 - 90	2019	100
	0 - 180	2019	100

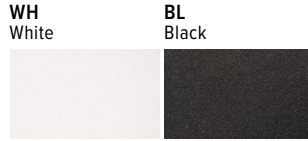


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## FLANGE TYPE DETAILS

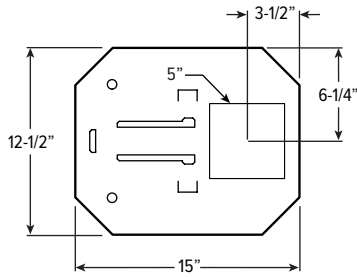


## REFLECTOR FINISH DETAILS

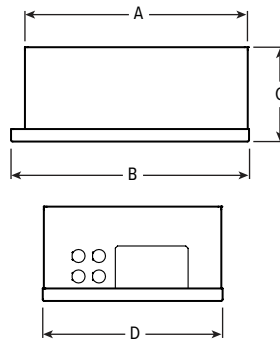


## MOUNTING TYPE DETAILS

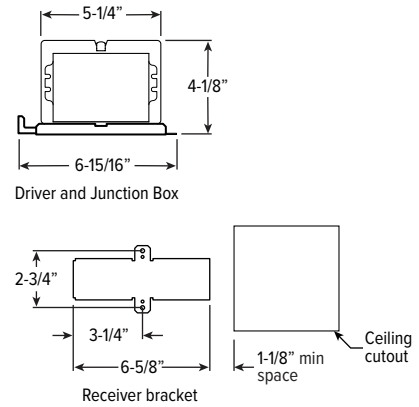
### NEW CONSTRUCTION



### IC-RATED



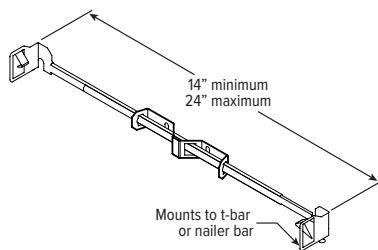
### REMODEL



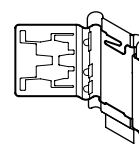
LUMENS	LENGTH			
	A	B	C	D
L11	15-1/16"	16"	4-1/2"	12-1/8"
L20	15-1/16"	16"	6-3/8"	12-1/8"

## MOUNTING HARDWARE DETAILS

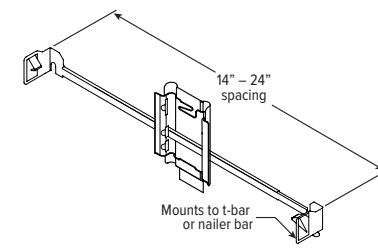
**F1** 2-Position fixed pan bracket, universal bar hanger included



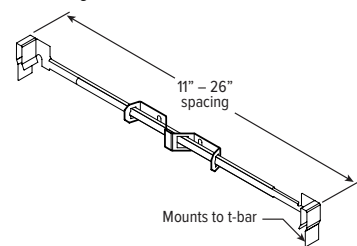
**BA1** Adjustable butterfly pan bracket, bar hanger not included



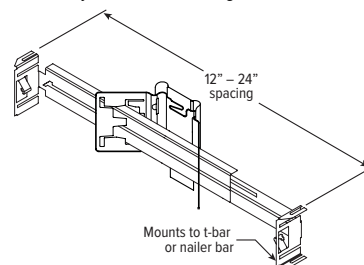
**CA1** Adjustable caterpillar pan bracket, universal bar hanger included



**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

