



# 6PS tunable WHITE

## 6" Shallow Plenum Downlight – Square

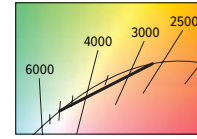
### FIXTURE PERFORMANCE DATA

	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L12	W	1267	14.6	87.0
	M	1203	14.6	82.7
	N	1154	14.6	79.3
L20	W	2205	24.0	91.9
	M	2098	24.0	87.4
	N	2018	24.0	84.1
L42	W	4466	46.7	95.6
	M	-	-	-
	N	-	-	-

### MULTIPLIER TABLES

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

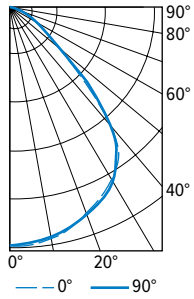
TRIM	
CATALOG NUMBER	CONVERSION FACTOR
AD	0.85
PD	0.85



- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- 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

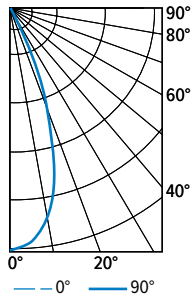
**6PS-L20/8TW-DIM-UNV-LW-OF-WH** Total Luminaire Output: 2205 lumens; 24.0 Watts | Efficacy: 91.9 lm/W | 80.0 CRI; 4000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1091	1091	1091	
5	1091	1085	1082	103
15	1052	1044	1047	295
25	978	968	976	449
35	868	867	847	533
45	518	654	513	440
55	196	307	188	223
65	94	114	94	104
75	41	44	42	47
85	8	7	8	10
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	848	38
	0 - 40	1380	63
	0 - 60	2043	93
	0 - 90	2205	100
	0 - 180	2205	100

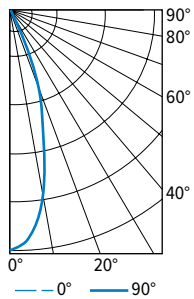
**6PS-L20/8TW-DIM-UNV-LM-OF-WH** Total Luminaire Output: 2098 lumens; 24.0 Watts | Efficacy: 87.4 lm/W | 80.0 CRI; 4000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	4312	4312	4312	
5	4225	4197	4169	387
15	2964	2989	3007	803
25	967	1014	1011	495
35	289	305	306	203
45	121	130	129	102
55	61	68	61	59
65	30	33	30	31
75	12	13	12	14
85	1	2	1	3
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1686	80
	0 - 40	1889	90
	0 - 60	2050	98
	0 - 90	2098	100
	0 - 180	2098	100

**6PS-L20/8TW-DIM-UNV-LN-OF-WH** Total Luminaire Output: 2018 lumens; 24.0 Watts | Efficacy: 84.1 lm/W | 80.0 CRI; 4000K CCT

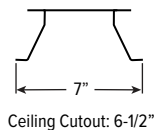


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	4898	4898	4898	
5	4658	4622	4619	418
15	2723	2748	2731	749
25	849	907	892	436
35	252	266	271	180
45	120	130	129	100
55	74	85	77	72
65	41	46	42	44
75	15	17	15	18
85	1	1	1	3
90	0	0	0	

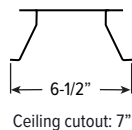
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1603	79
	0 - 40	1783	88
	0 - 60	1954	97
	0 - 90	2018	100
	0 - 180	2018	100

### FLANGE TYPE DETAILS

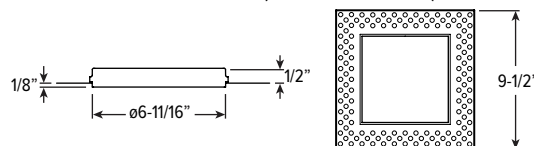
#### 1/2" STANDARD



#### 1/4" MUD-IN

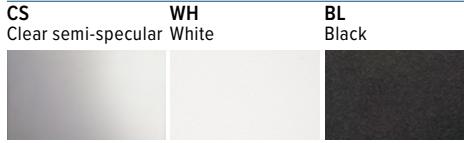


#### MUD FLANGE MOUNTING KIT (SLIM FLANGE TYPE)



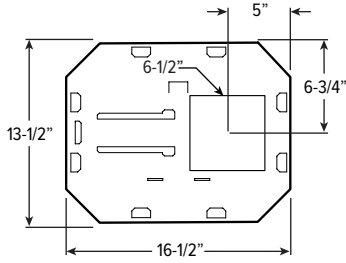
# 6PS tunable **WHITE** 6" Shallow Plenum Downlight – Square

## REFLECTOR FINISH DETAILS

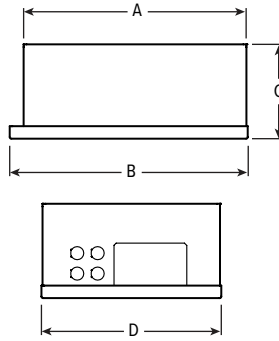


## MOUNTING TYPE DETAILS

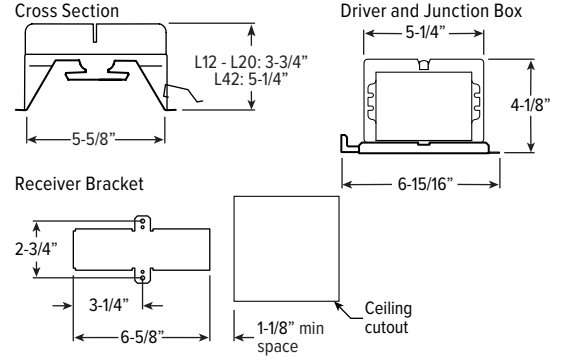
### NEW CONSTRUCTION



### IC-RATED

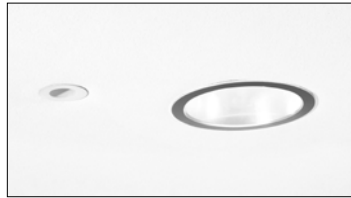


### REMODEL

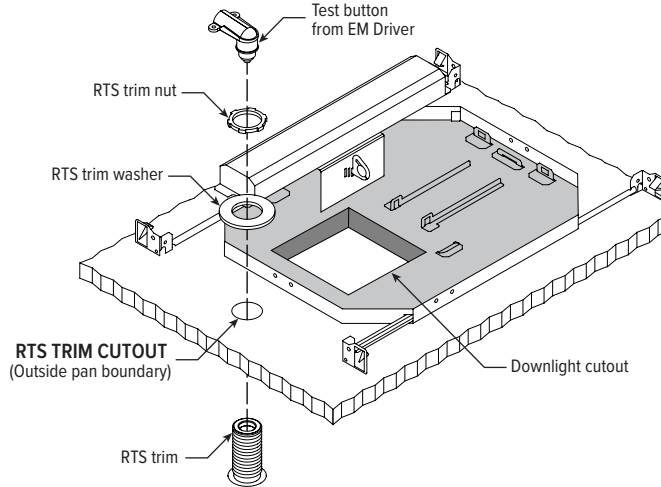


LUMENS	LENGTH			
	A	B	C	D
L12	15-3/16"	16"	4-1/2"	12-1/8"
L20	15-3/16"	16"	6-3/8"	12-1/8"

## EM/10W/RTS DETAILS



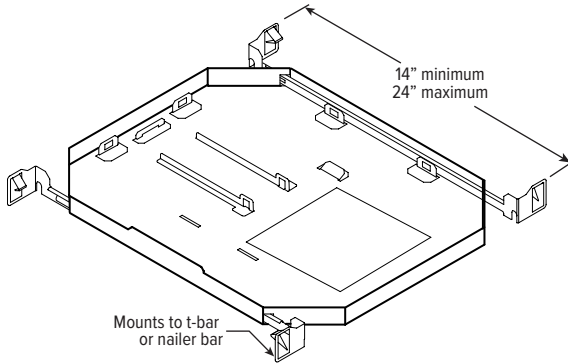
Shown Installed



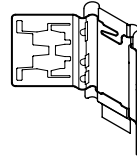
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## MOUNTING HARDWARE DETAILS

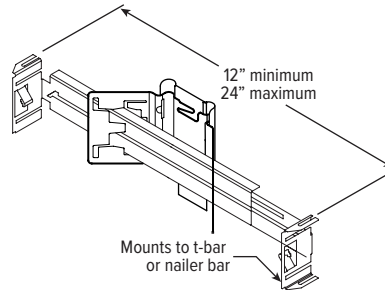
**F1** Integral 2-position fixed pan bracket, universal bar hanger included



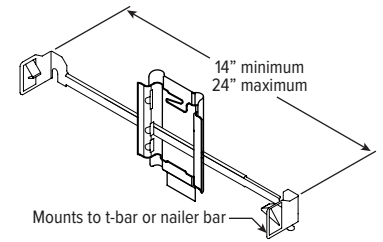
**BA1** Adjustable butterfly pan bracket, bar hanger not included (N Mounting Type only)



**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)

