



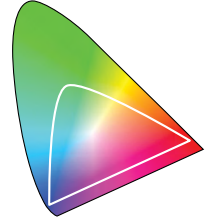
### FIXTURE PERFORMANCE DATA

#### OPEN REFLECTOR TRIM TYPE

	COLOR	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L12	4000K	W	1133	24.0	47.2
	RED		120	4.1	29.3
	BLUE		54	6.9	7.8
	GREEN		383	10.8	35.5
L18	4000K	W	1732	40.1	43.2
	RED		183	6.8	26.9
	BLUE		82	11.5	7.1
	GREEN		586	18.0	32.6

#### FLUSH LENS TRIM TYPE

	COLOR	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L12	4000K	W	1205	24.0	50.2
	RED		127	4.1	31.0
	BLUE		57	6.9	8.3
	GREEN		408	10.8	37.8
L18	4000K	W	1667	40.1	41.6
	RED		176	6.8	25.9
	BLUE		79	11.5	6.9
	GREEN		564	18.0	31.3



#### REGRESSED LENS TRIM TYPE

	COLOR	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L12	4000K	W	1158	24.0	48.3
	RED		122	4.1	29.8
	BLUE		55	6.9	8.0
	GREEN		392	10.8	36.3
L18	4000K	W	1771	40.1	44.2
	RED		187	6.8	27.5
	BLUE		84	11.5	7.3
	GREEN		599	18.0	33.3

#### MULTIPLIER TABLES

WHITE CONVERSION FACTOR		
CCT	LUMENS	WATTS
2000K	0.46	0.45
2700K	0.74	0.63
3000K	0.85	0.74
3500K	0.94	0.87
4000K	1.00	1.00
5000K	0.94	0.97
6000K	0.86	0.96
8000K	0.70	0.81

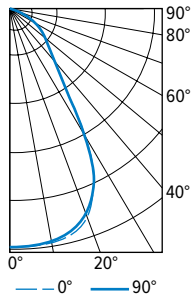
OPEN REFLECTOR FINISH		
CATALOG NUMBER	REFLECTOR FINISH	CONVERSION FACTOR
CS	Clear semi-specular	1.00
SG	Satin-glow	0.92
GD	Gold	0.93
CG	Champagne Gold	0.96
PW	Pewter	0.86
SPC	Specular	1.02
RG	Rose Gold	0.88
WH	White, textured	0.89
BL	Black, textured	0.79

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.
- Wattage shown is based on 120V input.
- Actual lumens may vary +/-5%
- Use multiplier tables to calculate additional options.

### PHOTOMETRY

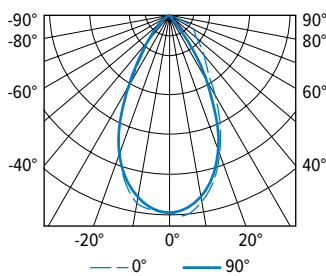
6DS-L18/9TC-DIM-120-LW-OF-WH Total Luminaire Output: 1667 lumens; 40.1 Watts | Efficacy: 41.6 lm/W | 97.6 CRI; 3905K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1126	1126	1126	
5	1129	1123	1125	107
15	1103	1089	1089	308
25	919	1013	923	430
35	420	678	422	338
45	255	294	249	215
55	161	165	160	146
65	83	83	80	83
75	32	31	30	34
85	2	2	3	6
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	845	51
	0 - 40	1183	71
	0 - 60	1544	93
	0 - 90	1667	100
	0 - 180	1667	100

6DS-L18/9TC-DIM-120-OWW-OF-CS Total Luminaire Output: 1666 lumens; 40.1 Watts | Efficacy: 41.6 lm/W | 97.6 CRI; 3905K CCT



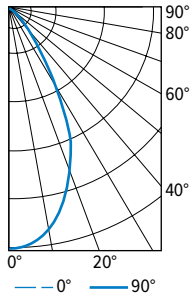
VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	1742	1742	1742	1742	1742	
5	1763	1745	1711	1706	1723	162
15	1524	1511	1484	1515	1520	419
25	1075	1089	1017	1086	964	479
35	613	589	396	530	401	322
45	425	248	129	172	163	165
55	291	68	16	26	29	71
65	234	13	0	0	2	35
75	92	1	0	0	0	13
85	0	0	0	0	0	1
90	0	0	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1060	64
	0 - 40	1381	83
	0 - 60	1617	97
	0 - 90	1666	100
	0 - 180	1666	100



# 6DS tunable COLOR 6" Downlight – Square

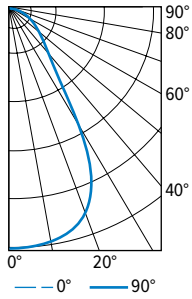
6DS-L18/9TC-DIM-120-OW-OF-CS Total Luminaire Output: 1732 lumens; 40.1 Watts | Efficacy: 43.2 lm/W | 97.6 CRI; 3905K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	1995	1995	1995	
	5	1981	1968	1960	185
	15	1701	1704	1688	474
	25	1187	1232	1169	545
	35	488	670	477	360
	45	140	217	136	141
	55	16	29	16	26
	65	0	0	0	1
	75	0	0	0	0
	85	0	0	0	0
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1204	70
	0 - 40	1564	90
	0 - 60	1731	100
	0 - 90	1732	100
	0 - 180	1732	100

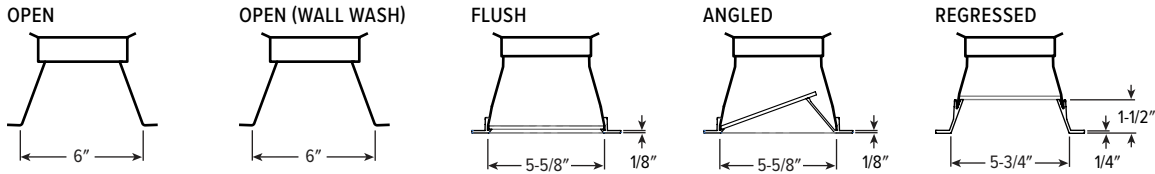
6DS-L18/9TC-DIM-120-RW-OF-WH Total Luminaire Output: 1771 lumens; 40.1 Watts | Efficacy: 44.2 lm/W | 97.6 CRI; 3905K CCT



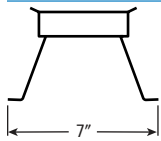
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	1259	1259	1259	
	5	1258	1253	1253	119
	15	1217	1220	1210	343
	25	1014	1110	1016	477
	35	441	761	454	370
	45	254	295	253	217
	55	156	149	154	140
	65	79	71	77	76
	75	21	23	20	25
	85	3	3	3	5
	90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	939	53
	0 - 40	1309	74
	0 - 60	1666	94
	0 - 90	1771	100
	0 - 180	1771	100

## TRIM TYPE DETAILS

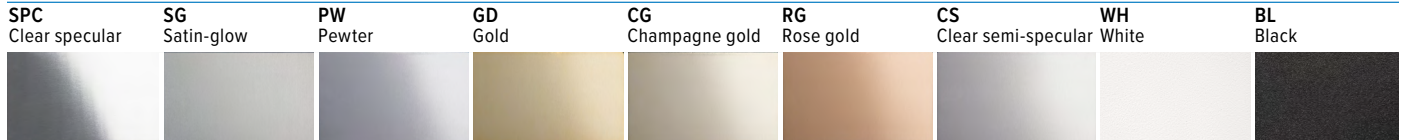


## FLANGE TYPE DETAILS



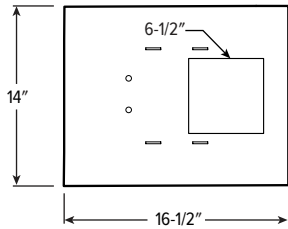
Ceiling Cutout: 6-1/2"

## REFLECTOR FINISH DETAILS



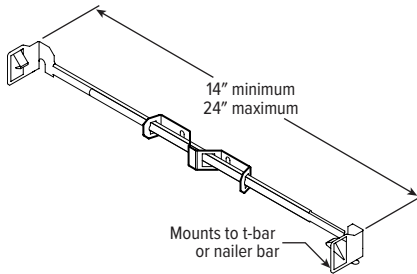
## MOUNTING TYPE DETAILS

### NEW CONSTRUCTION

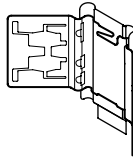


### MOUNTING HARDWARE DETAILS

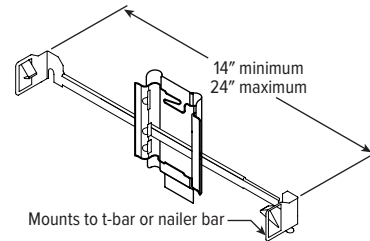
**F1** Factory-installed 2-position fixed pan bracket, universal bar hanger included, ships uninstalled



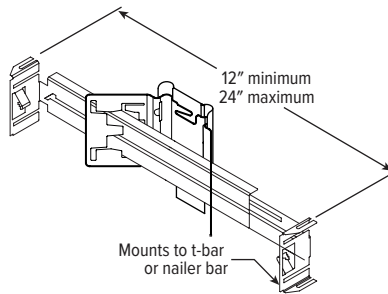
**BA1** Adjustable butterfly pan bracket, bar hanger not included (N Mounting Type only)



**CA1** Adjustable caterpillar pan bracket, universal bar hanger included (N Mounting Type only)



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



**CA2** Adjustable caterpillar pan bracket, t-bar hanger included (N Mounting Type only)

