

6DS tunable WHITE 6" Downlight – Square

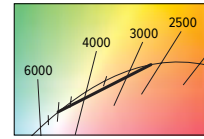
FIXTURE PERFORMANCE DATA

OPEN REFLECTOR TRIM TYPE

	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L11	W	1097	14.6	75.4
	M	892	14.6	61.3
	N	880	14.6	60.5
L20	W	1863	24.0	77.5
	M	1513	24.0	63.0
	N	1455	24.0	60.5
L36	W	3474	44.9	77.5

FLUSH LENS TRIM TYPE

	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L11	W	1168	14.6	80.2
	M	1196	14.6	82.2
	N	1165	14.6	80.0
L20	W	1990	24.0	82.9
	M	2027	24.0	84.5
	N	1929	24.0	80.4
L36	W	3698	44.9	82.4



REGRESSED LENS TRIM TYPE

	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L11	W	1122	14.6	77.1
	M	1165	14.6	80.0
	N	1159	14.6	79.6
L20	W	1906	24.0	79.2
	M	1969	24.0	82.0
	N	1916	24.0	79.7
L36	W	3553	44.9	79.2

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

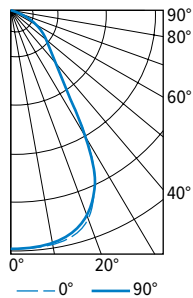
OPEN REFLECTOR FINISH		
CATALOG NUMBER	REFLECTOR FINISH	CONVERSION FACTOR
CS	Clear semi-specular	1.00
SG	Satin-glow	0.92
GD	Gold	0.93
CG	Champagne Gold	0.96
PW	Pewter	0.86
SPC	Specular	1.02
RG	Rose Gold	0.88
WH	White, textured	0.89
BL	Black, textured	0.79

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.
- Results based on 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier tables to calculate additional options.

PHOTOMETRY

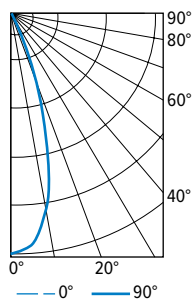
6DS-L20/8TW-DIM-UNV-LW-OF-WH Total Luminaire Output: 1990 lumens; 24.0 Watts | Efficacy: 82.9 lm/W | 80.0 CRI; 4051K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1344	1344	1344	
5	1348	1341	1343	128
15	1317	1300	1300	367
25	1097	1210	1102	514
35	502	810	504	404
45	305	352	298	257
55	193	197	191	174
65	99	99	96	99
75	38	37	36	41
85	3	2	4	7
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1009	51
	0 - 40	1413	71
	0 - 60	1844	93
	0 - 90	1990	100
	0 - 180	1990	100

6DS-L20/8TW-DIM-UNV-LM-OF-WH Total Luminaire Output: 2027 lumens; 24.0 Watts | Efficacy: 84.5 lm/W | 80.0 CRI; 4051K CCT



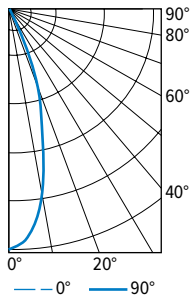
VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	5546	5546	5546	
5	5280	5290	5325	479
15	3179	3144	3125	856
25	894	884	764	435
35	202	229	163	141
45	52	74	58	55
55	34	34	32	31
65	20	18	19	19
75	9	7	8	8
85	0	0	0	1
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1771	87
	0 - 40	1912	94
	0 - 60	1998	99
	0 - 90	2027	100
	0 - 180	2027	100



6DS tunable WHITE 6" Downlight – Square

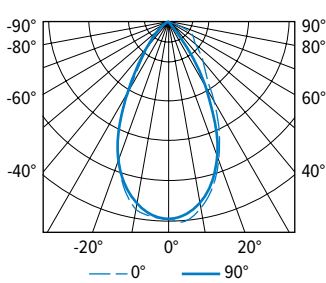
6DS-L20/8TW-DIM-UNV-LN-OF-WH Total Luminaire Output: 1929 lumens; 24.0 Watts | Efficacy: 80.4 lm/W | 80.0 CRI; 4051K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	7637	7637	7637	
5	6816	6917	6812	596
15	2933	2876	2735	808
25	646	652	545	324
35	153	156	120	100
45	56	64	53	47
55	32	34	31	29
65	19	19	17	17
75	7	7	7	8
85	1	0	0	1
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1728	90
	0 - 40	1827	95
	0 - 60	1903	99
	0 - 90	1929	100
	0 - 180	1929	100

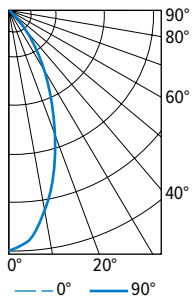
6DS-L20/8TW-DIM-UNV-OWW-OF-CS Total Luminaire Output: 1785 lumens; 24.0 Watts | Efficacy: 74.4 lm/W | 80.0 CRI; 4051K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	1866	1866	1866	1866	1866	
5	1889	1869	1833	1828	1846	174
15	1632	1619	1589	1623	1629	449
25	1152	1167	1089	1163	1033	513
35	657	631	424	568	429	344
45	455	265	138	184	174	177
55	311	73	17	28	31	76
65	251	13	0	0	2	38
75	99	1	0	0	0	14
85	0	0	0	0	0	1
90	0	0	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1136	64
	0 - 40	1480	83
	0 - 60	1732	97
	0 - 90	1785	100
	0 - 180	1785	100

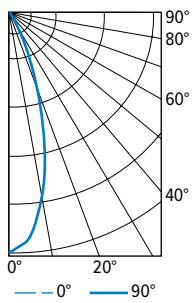
6DS-L20/8TW-DIM-UNV-OM-OF-CS Total Luminaire Output: 1513 lumens; 24.0 Watts | Efficacy: 63.0 lm/W | 80.0 CRI; 4051K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	2325	2325	2325	
5	2222	2220	2229	204
15	1632	1621	1635	454
25	970	956	966	443
35	419	492	410	283
45	88	203	88	113
55	6	18	6	16
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	1101	73
	0 - 40	1384	92
	0 - 60	1513	100
	0 - 90	1513	100
	0 - 180	1513	100

6DS-L20/8TW-DIM-UNV-RM-OF-WH Total Luminaire Output: 1969 lumens; 24.0 Watts | Efficacy: 82.0 lm/W | 80.0 CRI; 4051K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	5029	5029	5029	
5	4767	4747	4786	430
15	2914	2877	2865	788
25	975	925	861	457
35	266	285	218	176
45	76	89	61	65
55	33	35	31	31
65	16	13	13	16
75	4	5	5	6
85	0	0	0	1
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1675	85
	0 - 40	1852	94
	0 - 60	1948	99
	0 - 90	1969	100
	0 - 180	1969	100



6DS tunable WHITE 6" Downlight – Square

CONTROL DETAILS

DIM



DALI



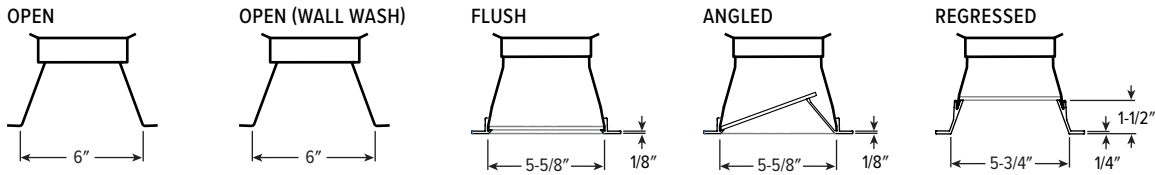
DMX



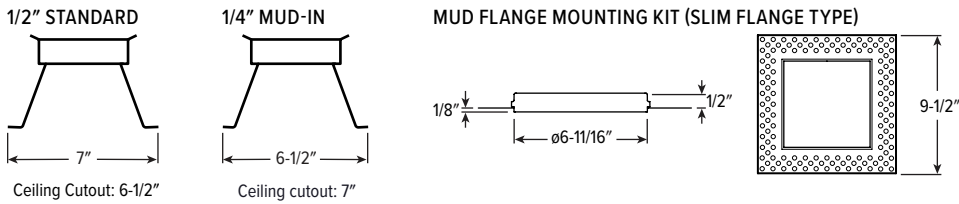
LUTRON T-SERIES



TRIM TYPE DETAILS



FLANGE TYPE DETAILS



REFLECTOR FINISH DETAILS

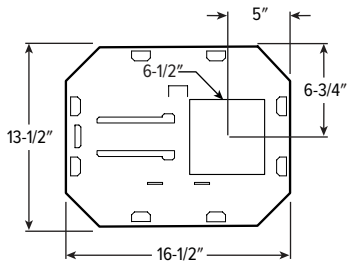
SPC	SG	PW	GD	CG	RG	CS	WH	BL
Clear specular	Satin-glow	Pewter	Gold	Champagne gold	Rose gold	Clear semi-specular	White	Black



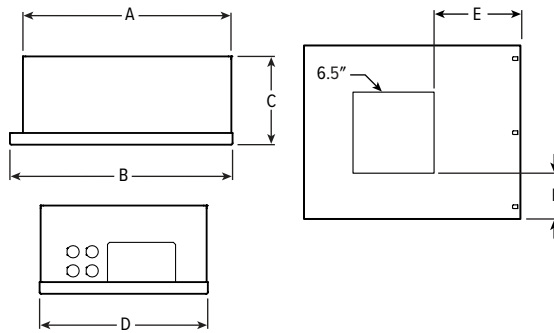
6DS tunable WHITE 6" Downlight – Square

MOUNTING TYPE DETAILS

NEW CONSTRUCTION

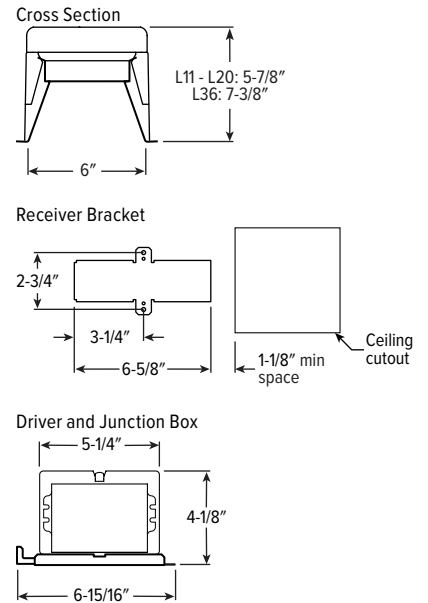


IC-RATED

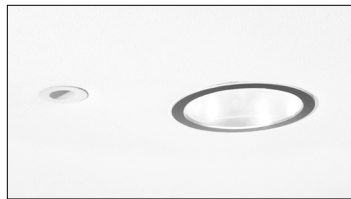


LUMENS	LENGTH					
	A	B	C	D	E	F
L11 - L20	15-3/16"	16"	6-3/8"	12-1/8"	6-1/4"	2-7/8"

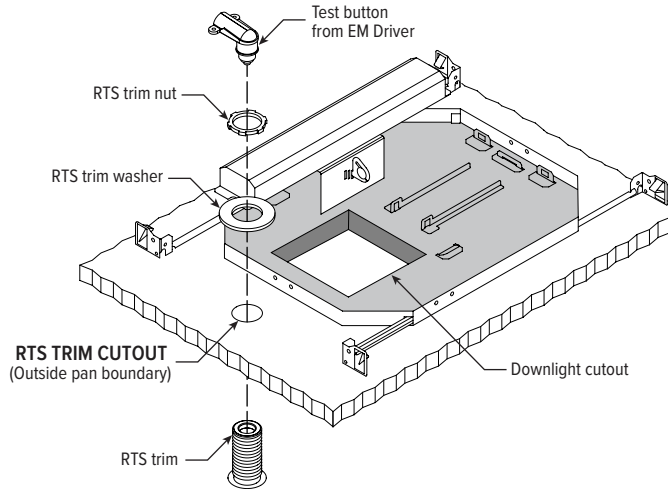
REMODEL



EM/10W/RTS DETAILS



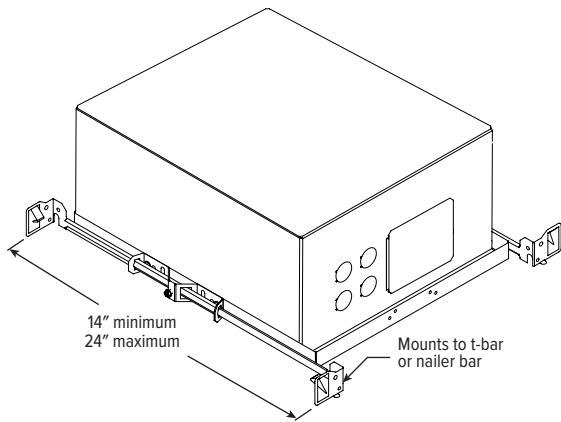
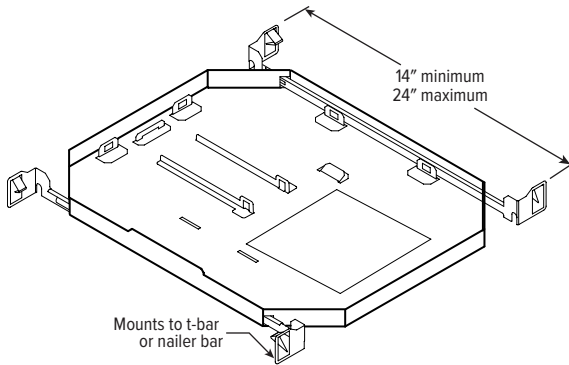
Shown Installed



6DS tunable WHITE 6" Downlight – Square

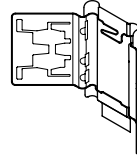
MOUNTING HARDWARE DETAILS

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

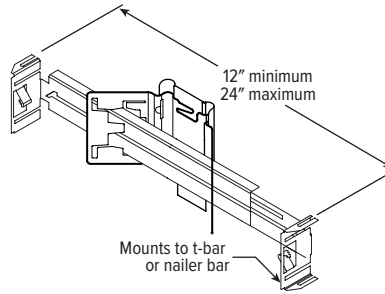


F1 with I Mounting Type

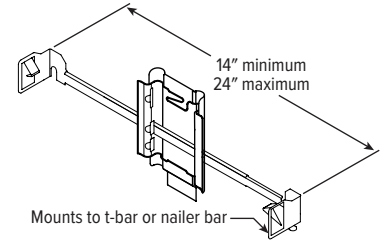
BA1 Adjustable butterfly pan bracket, bar hanger not included (N Mounting Type only)



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)

