



# 4DR tunable COLOR 4.5" Downlight – Round

## FIXTURE PERFORMANCE DATA

### OPEN REFLECTOR TRIM TYPE

LED PACKAGE	COLOR	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L13	4000K	W	1391	24.0	58.0
	RED		147	4.1	35.9
	BLUE		66	6.9	9.6
	GREEN	M	470	10.8	43.5
	4000K		1336	24.0	55.7
	RED		141	4.1	34.4
	BLUE		63	6.9	9.1
	GREEN		452	10.8	41.9
	4000K		1274	24.0	53.1
	RED	N	135	4.1	32.9
	BLUE		60	6.9	8.7
	GREEN		431	10.8	39.9
L21	4000K	W	2068	40.1	51.6
	RED		225	6.8	33.1
	BLUE		101	11.5	8.8
	GREEN	M	719	18.0	39.9
	4000K		2076	40.1	51.8
	RED		216	6.8	31.8
	BLUE		97	11.5	8.4
	GREEN		691	18.0	38.4
	4000K		2078	40.1	51.8
	RED	N	206	6.8	30.3
	BLUE		92	11.5	8.0
	GREEN		656	18.0	36.4

### FLUSH LENS TRIM TYPE

LED PACKAGE	COLOR	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L13	4000K	W	1082	24.0	45.1
	RED		114	4.1	27.8
	BLUE		51	6.9	7.4
	GREEN		366	10.8	33.9
L21	4000K	W	1402	40.1	34.9
	RED		175	6.8	25.7
	BLUE		78	11.5	6.8
	GREEN		560	18.0	31.1

### REGRESSED LENS TRIM TYPE

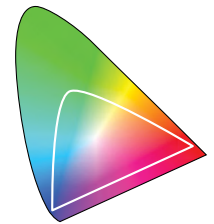
LED PACKAGE	COLOR	DIST.	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L13	4000K	W	1094	24.0	45.6
	RED		116	4.1	28.3
	BLUE		52	6.9	7.5
	GREEN		370	10.8	34.3
L21	4000K	W	1372	40.1	34.2
	RED		177	6.8	26.0
	BLUE		79	11.5	6.9
	GREEN		565	18.0	31.4

### 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

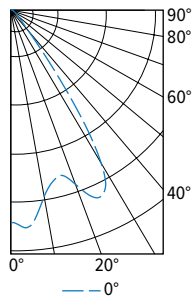
CATALOG NUMBER	REFLECTOR FINISH	CONVERSION FACTOR
CS	Clear semi-specular	1.00
SG	Satin-glow	0.92
GD	Gold	0.93
CG	Champagne Gold	0.96
PW	Pewter	0.86
SPC	Specular	1.02
RG	Rose Gold	0.88
WH	White, textured	0.89
BL	Black, textured	0.79



- 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

4DR-TL-L21/9TC-DIM-UNV-OW-OF-CS Total Luminaire Output: 2068 lumens; 40.1 Watts | Efficacy: 51.6 lm/W | 97.6 CRI; 3604K CCT



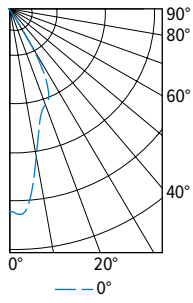
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	2246	
	5	2271	204
	15	1811	533
	25	2127	927
	35	390	333
	45	59	48
	55	18	17
	65	5	5
	75	1	1
	85	0	0
	90	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	1997	97
	0 - 60	2062	100
	0 - 90	2068	100
	0-180	2068	100



# 4DR tunable COLOR 4.5" Downlight – Round

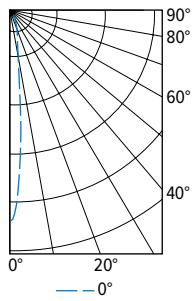
4DR-TL-L21/9TC-DIM-UNV-OM-OF-CS Total Luminaire Output: 2076 lumens; 40.1 Watts | Efficacy: 51.8 lm/W | 97.6 CRI; 3600K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	4201	
	5	4157	360
	15	2398	687
	25	1856	802
	35	163	185
	45	37	29
	55	9	9
	65	2	2
	75	1	1
	85	0	0
	90	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0-40	2035	98
	0-60	2073	100
	0-90	2076	100
	0-180	2076	100

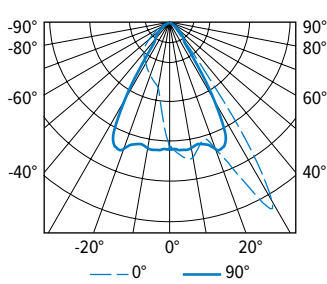
4DR-TL-L21/9TC-DIM-UNV-ON-OF-CS Total Luminaire Output: 2078 lumens; 40.1 Watts | Efficacy: 51.8 lm/W | 97.6 CRI; 3587K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	22098	
	5	11086	806
	15	2460	688
	25	946	462
	35	92	110
	45	10	8
	55	2	2
	65	1	1
	75	0	0
	85	0	0
	90	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0-40	2067	99
	0-60	2077	100
	0-90	2078	100
	0-180	2078	100

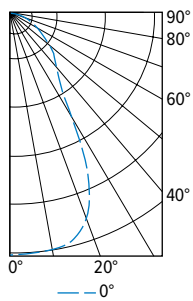
4DR-TL-L21/9TC-DIM-UNV-OWW-OF-CS Total Luminaire Output: 1173 lumens; 40.1 Watts | Efficacy: 29.3 lm/W | 97.6 CRI; 3596K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
		0°	45°	90°	135°	180°	
	0	1074	1074	1074	1074	1074	
	5	1146	1096	1092	835	739	92
	15	1037	1030	1075	459	506	230
	25	1607	1197	1068	378	424	379
	35	450	268	231	316	352	206
	45	69	64	141	251	271	120
	55	31	29	72	148	150	78
	65	22	18	31	77	78	45
	75	7	5	12	37	35	21
	85	0	0	1	5	0	3
	90	0	0	0	0	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	907	77
	0 - 60	1105	94
	0 - 90	1173	100
	0 - 180	1173	100

4DR-TL-L21/9TC-DIM-UNV-LW-OF-WH Total Luminaire Output: 1402 lumens; 40.1 Watts | Efficacy: 34.9 lm/W | 97.6 CRI; 3549K CCT



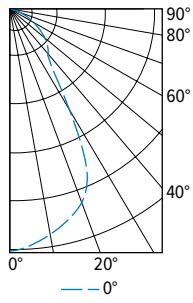
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	985	
	5	978	93
	15	959	268
	25	748	332
	35	348	226
	45	250	193
	55	167	149
	65	90	90
	75	38	41
	85	7	9
	90	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0-40	920	66
	0-60	1262	90
	0-90	1402	100
	0-180	1402	100



# 4DR tunable COLOR 4.5" Downlight – Round

4DR-TL-L21/9TC-DIM-UNV-RW-OF-WH Total Luminaire Output: 1372 lumens; 40.1 Watts | Efficacy: 34.2 lm/W | 97.6 CRI; 3546K CCT



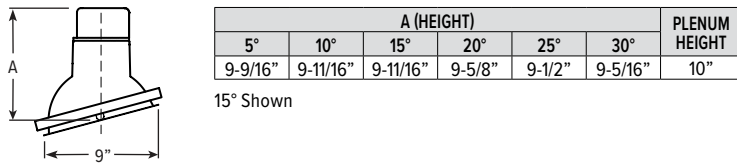
VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
	0°	
0	1102	
5	1078	102
15	994	280
25	811	357
35	325	217
45	231	177
55	151	135
65	72	72
75	25	27
85	4	6
90	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0-40	956	70
	0-60	1268	92
	0-90	1372	100
	0-180	1372	100

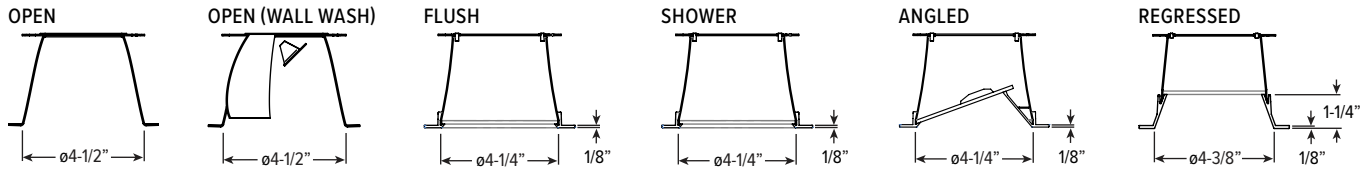
## TRIMLOCK DETAILS



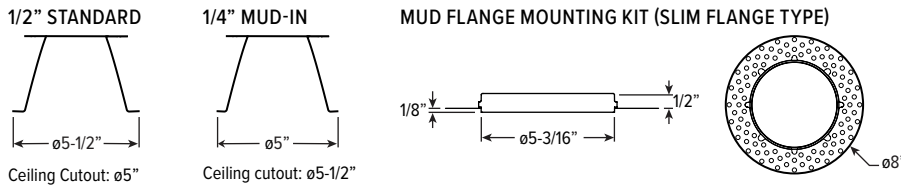
## SLOPED CEILING ADAPTOR DETAILS



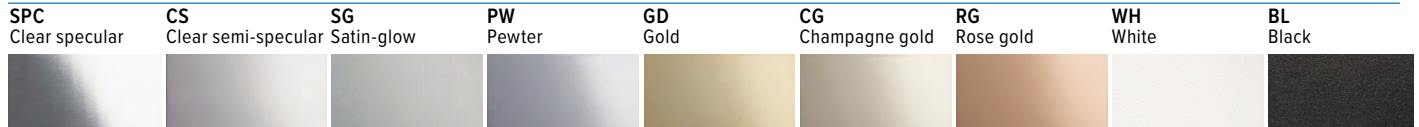
## TRIM TYPE DETAILS



## FLANGE TYPE DETAILS



## REFLECTOR FINISH DETAILS

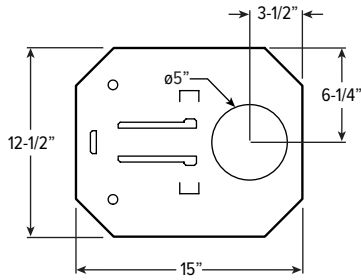


# 4DR tunable COLOR

## 4.5" Downlight – Round

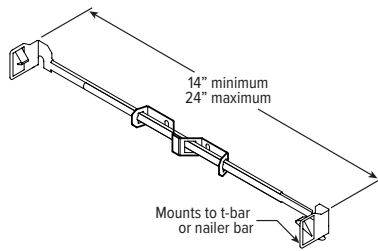
### MOUNTING TYPE DETAILS

#### NEW CONSTRUCTION

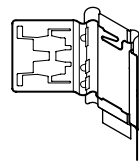


### MOUNTING HARDWARE DETAILS

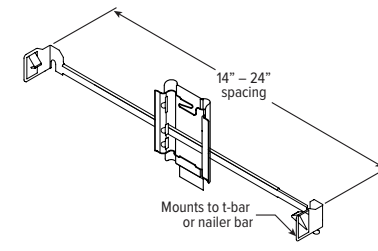
**F1** 2-Position fixed pan bracket, universal bar hanger included



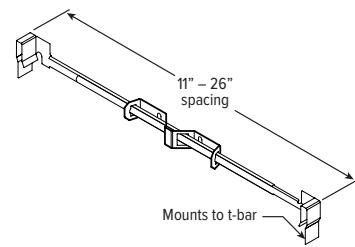
**BA1** Adjustable butterfly pan bracket, bar hanger not included



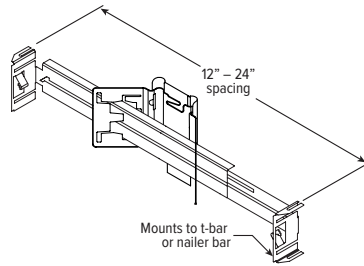
**CA1** Adjustable caterpillar pan bracket, universal bar hanger included



**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

