

4DR tunable COLOR 4.5" Downlight – Round

FIXTURE PERFORMANCE DATA

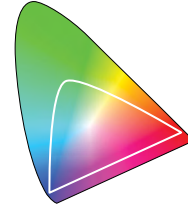
OPEN REFLECTOR TRIM TYPE

	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	470	10.8	43.5	
	4000K	M	1336	24.0	55.7
	RED		141	4.1	34.4
	BLUE		63	6.9	9.1
	GREEN	452	10.8	41.9	
	4000K	N	1274	24.0	53.1
RED	135		4.1	32.9	
BLUE	60		6.9	8.7	
GREEN	431	10.8	39.9		
L21	4000K	W	2079	40.1	51.9
	RED		225	6.8	33.1
	BLUE		101	11.5	8.8
	GREEN		719	18.0	39.9
	4000K	M	2076	40.1	51.8
	RED		216	6.8	31.8
	BLUE		97	11.5	8.4
	GREEN		691	18.0	38.4
	4000K	N	2078	40.1	51.8
	RED		206	6.8	30.3
	BLUE		92	11.5	8.0
	GREEN		656	18.0	36.4

- 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.

FLUSH LENS TRIM TYPE

	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

	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

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

O TRIM	REFLECTOR FINISH	
	CATALOG NUMBER	CONVERSION FACTOR
	CS	1.00
	SG ¹	0.92
	GD	0.93
	CG	0.96
	PW	0.86
	SPC	1.02
	RG	0.88
	WH ¹	0.89
BL ¹	0.47	

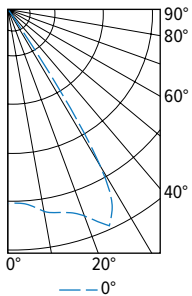
TRIM	
CATALOG NUMBER	CONVERSION FACTOR
S	0.85
AD	0.85
PD	0.85
TD	0.75
WET/CC ²	0.85

- ¹ Distribution will also be affected, consult factory.
² Use multiplier when specified with O Trim Type.

R TRIM	WH	1.00
	CS	0.98
	BL	0.79

PHOTOMETRY

4DR-TL-L21/9TC-DIM-120-OW-OF-CS Total Luminaire Output: 2079 lumens; 40.1 Watts | Efficacy: 51.9 lm/W | 97.6 CRI; 3604K CCT



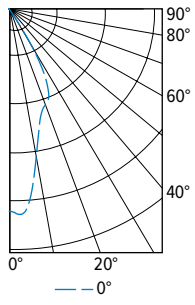
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	1877	
	5	1933	184
	15	2033	576
	25	2314	1070
	35	318	200
	45	46	36
	55	11	10
	65	1	1
	75	0	0
	85	0	0
	90	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	2031	98
	0 - 60	2078	100
	0 - 90	2079	100
	0-180	2079	100



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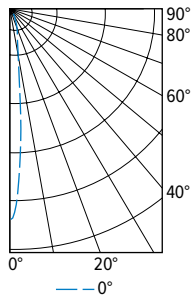
4DR-TL-L21/9TC-DIM-120-OM-OF-CS Total Luminaire Output: 2076 lumens; 40.1 Watts | Efficacy: 51.8 lm/W | 97.6 CRI; 3600K CCT



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

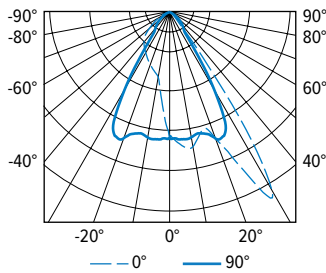
4DR-TL-L21/9TC-DIM-120-ON-OF-CS Total Luminaire Output: 2078 lumens; 40.1 Watts | Efficacy: 51.8 lm/W | 97.6 CRI; 3587K CCT



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

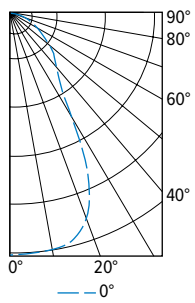
4DR-TL-L21/9TC-DIM-120-OWW-OF-CS Total Luminaire Output: 1173 lumens; 40.1 Watts | Efficacy: 29.3 lm/W | 97.6 CRI; 3596K CCT



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-120-LW-OF-WH Total Luminaire Output: 1402 lumens; 40.1 Watts | Efficacy: 34.9 lm/W | 97.6 CRI; 3549K CCT



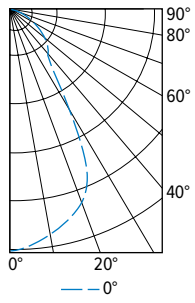
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	985	
	5	978	93
	15	959	268
	25	748	332
	35	348	226
	45	250	193
	55	167	149
	65	90	90
	75	38	41
	85	7	9
	90	0	0

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



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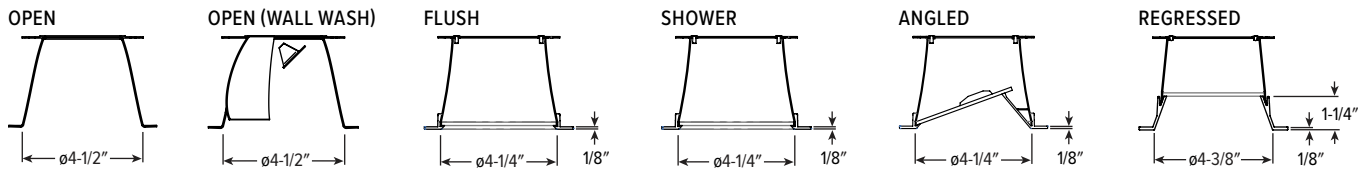
4DR-TL-L21/9TC-DIM-120-RW-OF-WH Total Luminaire Output: 1372 lumens; 40.1 Watts | Efficacy: 34.2 lm/W | 97.6 CRI; 3546K CCT



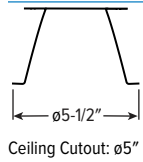
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	1102	
	5	1078	102
	15	994	280
	25	811	357
	35	325	217
	45	231	177
	55	151	135
	65	72	72
	75	25	27
	85	4	6
	90	0	

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

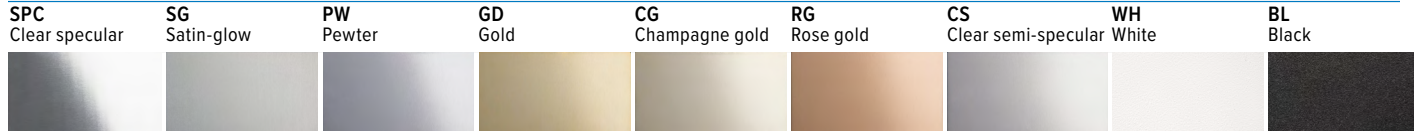
TRIM TYPE DETAILS



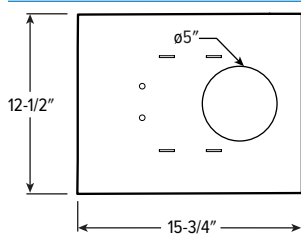
FLANGE TYPE DETAILS



REFLECTOR FINISH DETAILS

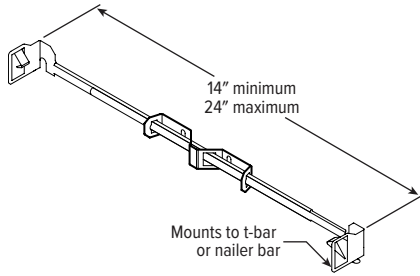


MOUNTING TYPE DETAILS

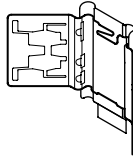


MOUNTING HARDWARE DETAILS

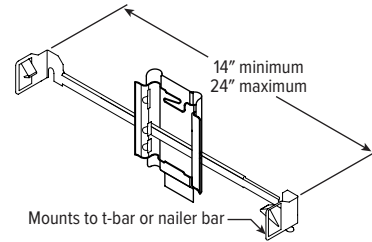
F1 Factory-installed 2-position fixed pan bracket, universal bar hanger included, ships uninstalled



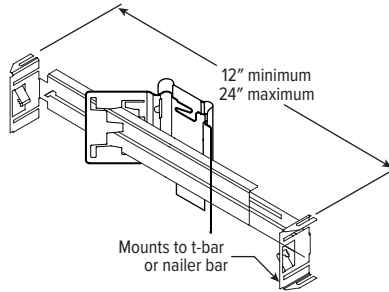
BA1 Adjustable butterfly pan bracket, bar hanger not included (N Mounting Type only)



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)

