

FIXTURE PERFORMANCE DATA

OPEN REFLECTOR TRIM TYPE

	DIST.	COLOR	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L14	W	4000K	1432	24.0	59.7
		RED	151	4.1	36.8
		BLUE	68	6.9	9.9
		GREEN	484	10.8	44.8
	M	4000K	1389	24.0	57.9
		RED	147	4.1	35.9
		BLUE	66	6.9	9.6
		GREEN	470	10.8	43.5
	N	4000K	1329	24.0	55.4
		RED	140	4.1	34.1
		BLUE	63	6.9	9.1
	L21	W	4000K	2141	40.1
RED			231	6.8	34.0
BLUE			104	11.5	9.0
GREEN			741	18.0	41.2
M		4000K	2136	40.1	53.3
		RED	224	6.8	32.9
		BLUE	100	11.5	8.7
		GREEN	718	18.0	39.9
N		4000K	2182	40.1	54.4
		RED	215	6.8	31.6
		BLUE	96	11.5	8.3
			GREEN	687	18.0

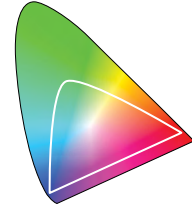
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is based on 120V input.
- Actual lumens may vary +/-5%
- Use multiplier tables to calculate additional options.

FLUSH LENS TRIM TYPE

	DIST.	COLOR	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L14	W	4000K	1194	24.0	49.8
		RED	126	4.1	30.7
		BLUE	56	6.9	8.1
		GREEN	404	10.8	37.4
L21	W	4000K	1682	40.1	41.9
		RED	193	6.8	28.4
		BLUE	86	11.5	7.5
		GREEN	617	18.0	34.3

REGRESSED LENS TRIM TYPE

	DIST.	COLOR	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L14	W	4000K	1094	24.0	45.6
		RED	116	4.1	28.3
		BLUE	52	6.9	7.5
		GREEN	370	10.8	34.3
L21	W	4000K	1556	40.1	38.8
		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	0.54	0.50
2700K	0.81	0.69
3000K	0.91	0.79
3500K	0.93	0.91
4000K	1.00	1.00
5000K	0.83	0.84
6000K	0.64	0.67
8000K	0.48	0.57

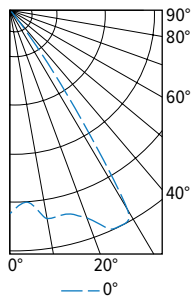
	REFLECTOR FINISH	
	CATALOG NUMBER	CONVERSION FACTOR
O TRIM	CS	1.00
	SG ¹	0.92
	GD	0.93
	CG	0.96
	PW	0.86
	SPC	1.02
	RG	0.88
	WH ¹	0.89
	BL ¹	0.47
	R TRIM	WH
CS		0.98
BL		0.79

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

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

PHOTOMETRY

6DR-TL-L21/9TC-DIM-120-OW-OF-CS Total Luminaire Output: 2141 lumens; 40.1 Watts | Efficacy: 53.4 lm/W | 97.6 CRI; 3598K CCT

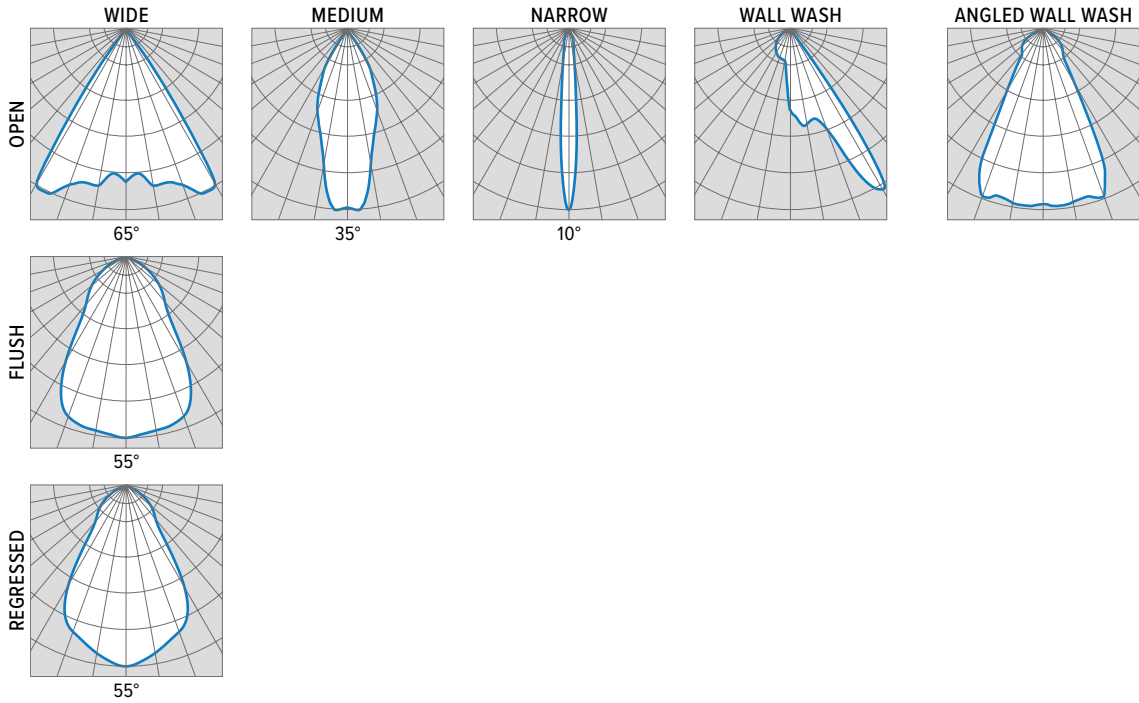


CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE	ZONAL LUMENS
		0°	
	0	1801	
	5	1701	162
	15	1869	530
	25	2135	988
	35	651	409
	45	50	38
	55	14	13
	65	2	2
	75	0	0
	85	0	0
	90	0	0

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 40	2088	98
	0 - 60	2140	100
	0 - 90	2141	100
	0 - 180	2141	100



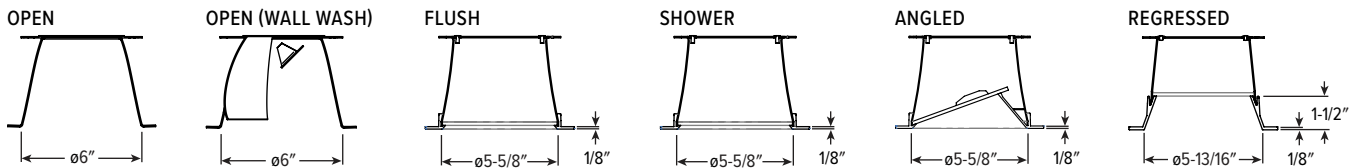
6DR tunable COLOR 6" Downlight – Round



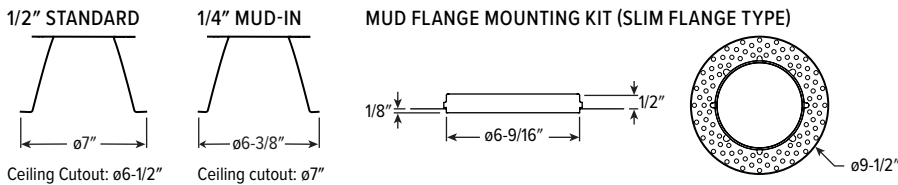
TRIMLOCK DETAILS



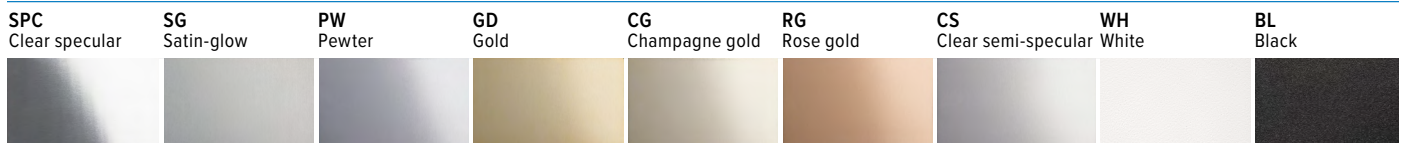
TRIM TYPE DETAILS



FLANGE TYPE DETAILS

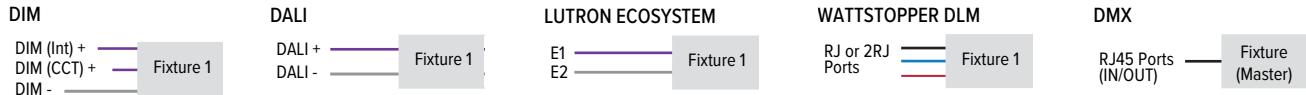


REFLECTOR FINISH DETAILS



6DR tunable COLOR 6" Downlight – Round

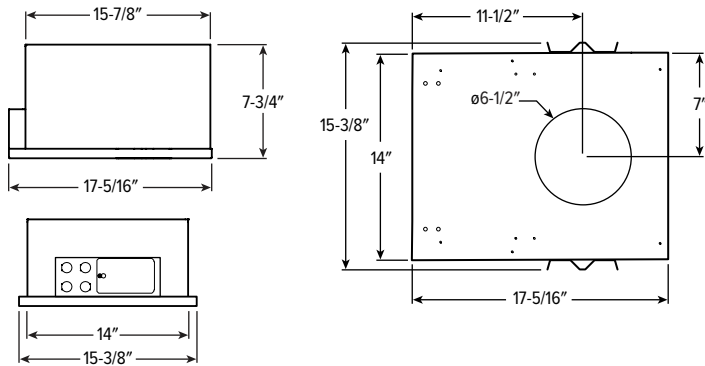
CONTROL DETAILS



PROTOCOL	(1) DIMMING ^[1]	(2) CCT	(3) SATURATION	(4) HUE
0-10V DIM ^[4]	1%	1650 - 8000K	[2]	[2]
DALI TYPE 8	0.1%	1650 - 8000K	-	-
LUTRON ECOSYSTEM ^[3]	0.1%	1650 - 8000K	-	-
WATTSTOPPER DLM ^[3]	0.1%	1650 - 8000K	-	-
DMX512-A-RDM ^[3]	0.1%	1650 - 8000K	1 - 100%	1 - 60°

- ¹ 100 – 0.1% dimming is available when connected to 0.1% dimming capable digital controls. 100 – 1% dimming is available with analog 0 – 10V control.
- ² Two 0 – 10V lines can be used to control DIM and CCT independently, or program Scenes – in any combination of DIM, CCT, HUE and SAT – and recall them with five 0 – 10V presets.
- ³ May be limited to 1% dimming by controller; see control system specification for details.
- ⁴ 1 – 10V signal dims module to approximately 1%. In-line power relay required to achieve 0% output.

MOUNTING TYPE DETAILS



MOUNTING HARDWARE DETAILS

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

