

**PHOTOMETRICS**

# TRIAD

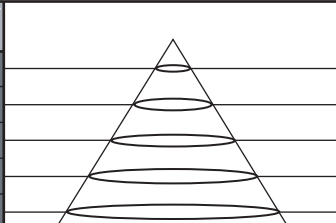
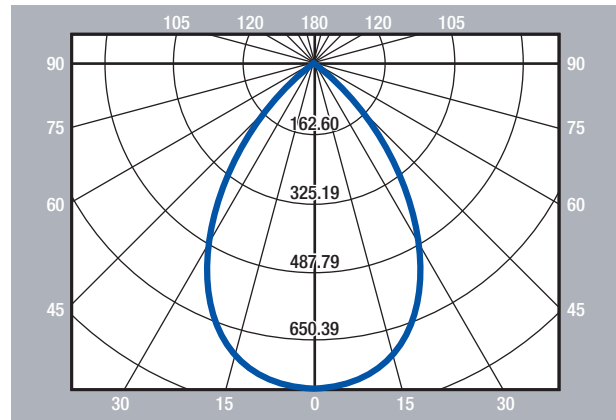
SERIES

NOMINAL SIZE	MODEL	SELECTABLE LIGHT OUTPUT*	SELECTABLE WATTAGE	SELECTABLE COLOR TEMPERATURE	CRI
6"	TBX-CCT-610	900LM   1350LM   1950LM	10W   15W   22W	3K   4K   5K	80

\*Light output based on LM-79 reports at 5K

**TBX-CCT-610 FOOTCANDLE DIAGRAM**

MOUNTING HEIGHT (METERS)	FOOTCANDLES AT NADIR	DIAMETER (CENTIMETERS)
1 m	813.0	214.86 cm
2 m	203.2	429.73 cm
3 m	90.3	644.59 cm
4 m	50.8	859.45 cm
5 m	32.5	1074.32 cm


**TBX-CCT-610 LUMINOUS INTENSITY DISTRIBUTION (UNIT: CD)**

**TBX-CCT-610 LUMINANCE LIMITING CURVE**

LUMINANCE LIMITING CURVE (cd/m <sup>2</sup> )		
DEGREE	C0	C45
85	4523	8053
80	6397	10129
75	10197	13380
70	15364	16892
65	20281	21131
60	24967	25370
55	29204	29498
50	33447	33095
45	37075	36174

**TBX-CCT-610 ZONAL LUMEN SUMMARY**

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-30	603.9	33.97
0-40	958.27	53.91
0-60	1542.86	86.8
0-90	1771.03	99.63
90-180	10.88	0.61

**TBX-CCT-610 COEFFICIENTS OF UTILIZATION**

CEILING CAVITY REFLECTANCE	80			70			50			30			10			0
	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
WALL REFLECTANCE																
ROOM CAVITY RATIO (RCR)	EFFECTIVE FLOOR CAVITY REFLECTANCE 20% ** VALUES ARE EXPRESSED AS LUMENS DELIVERED TO THE TASK SURFACE **															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1
1	1.06	1.02	0.99	1.04	1	0.97	0.99	0.97	0.94	0.96	0.93	0.91	0.92	0.9	0.89	0.87
2	0.94	0.88	0.83	0.92	0.87	0.82	0.89	0.84	0.8	0.85	0.82	0.78	0.82	0.79	0.76	0.74
3	0.84	0.76	0.7	0.82	0.75	0.7	0.79	0.73	0.69	0.76	0.72	0.67	0.74	0.7	0.66	0.64
4	0.75	0.67	0.61	0.74	0.66	0.6	0.71	0.65	0.6	0.69	0.63	0.59	0.67	0.62	0.58	0.56
5	0.68	0.59	0.53	0.66	0.59	0.53	0.64	0.57	0.52	0.62	0.56	0.52	0.61	0.55	0.51	0.49
6	0.61	0.53	0.47	0.6	0.52	0.47	0.59	0.52	0.46	0.57	0.51	0.46	0.55	0.5	0.45	0.44
7	0.56	0.48	0.42	0.55	0.47	0.42	0.54	0.47	0.41	0.52	0.46	0.41	0.51	0.45	0.41	0.39
8	0.51	0.43	0.38	0.51	0.43	0.38	0.49	0.42	0.37	0.48	0.42	0.37	0.47	0.41	0.37	0.35
9	0.47	0.39	0.34	0.47	0.39	0.34	0.45	0.39	0.34	0.44	0.38	0.34	0.43	0.38	0.33	0.32
10	0.44	0.36	0.31	0.43	0.36	0.31	0.42	0.35	0.31	0.41	0.35	0.31	0.4	0.35	0.31	0.29