

# TRIAD

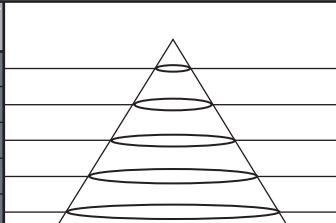
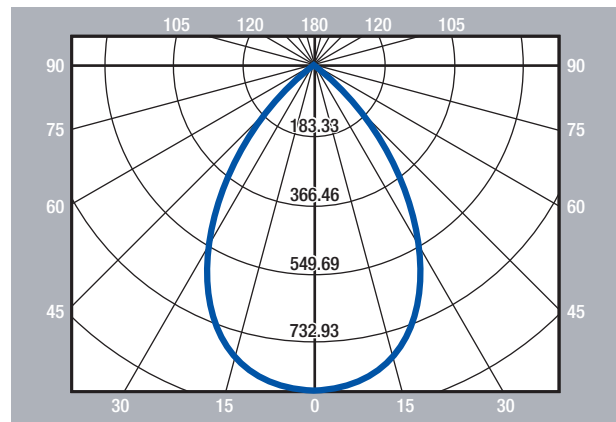
SERIES

NOMINAL SIZE	MODEL	SELECTABLE LIGHT OUTPUT*	SELECTABLE WATTAGE	SELECTABLE COLOR TEMPERATURE	CRI
8"	TBX-CCT-810	1050LM   1650LM   2300LM	12W   20W   30W	3K   4K   5K	80

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

**TBX-CCT-810 FOOTCANDLE DIAGRAM**

MOUNTING HEIGHT (METERS)	FOOTCANDLES AT NADIR	DIAMETER (CENTIMETERS)
1 m	916.2	239.59 cm
2 m	229.0	479.18 cm
3 m	101.8	718.77 cm
4 m	57.3	958.35 cm
5 m	36.6	1197.94 cm


**TBX-CCT-810 LUMINOUS INTENSITY DISTRIBUTION (UNIT: CD)**

**TBX-CCT-810 LUMINANCE LIMITING CURVE**

LUMINANCE LIMITING CURVE (cd/m <sup>2</sup> )		
DEGREE	C0	C45
85	4262	4220
80	4934	4858
75	7246	7194
70	13014	12550
65	17827	17552
60	21696	21420
55	24750	24516
50	27245	26949
45	29172	28809

**TBX-CCT-810 ZONAL LUMEN SUMMARY**

ZONAL LUMEN SUMMARY		
ZONE	LUMENS	% OF LUMINAIRE
0-30	692.73	32.38
0-40	1115.83	52.16
0-60	1858.23	86.86
0-90	2126.66	99.41
90-180	15.35	0.72

**TBX-CCT-810 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	0.99
1	1.06	1.02	0.99	1.04	1	0.97	1	0.97	0.94	0.96	0.93	0.91	0.92	0.9	0.89	0.86
2	0.94	0.88	0.83	0.92	0.87	0.82	0.88	0.84	0.8	0.85	0.81	0.78	0.82	0.79	0.76	0.74
3	0.83	0.76	0.7	0.82	0.75	0.7	0.79	0.73	0.68	0.76	0.71	0.67	0.74	0.69	0.66	0.64
4	0.75	0.66	0.6	0.73	0.66	0.6	0.71	0.64	0.59	0.68	0.63	0.58	0.66	0.61	0.57	0.55
5	0.67	0.59	0.52	0.66	0.58	0.52	0.64	0.57	0.52	0.62	0.56	0.51	0.6	0.55	0.5	0.48
6	0.61	0.52	0.46	0.6	0.52	0.46	0.58	0.51	0.46	0.56	0.5	0.45	0.55	0.49	0.45	0.43
7	0.55	0.47	0.41	0.54	0.46	0.41	0.53	0.46	0.41	0.51	0.45	0.4	0.5	0.44	0.4	0.38
8	0.5	0.42	0.37	0.5	0.42	0.37	0.48	0.41	0.36	0.47	0.41	0.36	0.46	0.4	0.36	0.34
9	0.46	0.39	0.33	0.46	0.38	0.33	0.45	0.38	0.33	0.44	0.37	0.33	0.43	0.37	0.33	0.31
10	0.43	0.35	0.3	0.42	0.35	0.3	0.41	0.35	0.3	0.4	0.34	0.3	0.4	0.34	0.3	0.28