

IES INDOOR REPORT
PHOTOMETRIC FILENAME : TLX7240_08202015.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] TLX7240_08182015
[TESTLAB] Tomar Electronics, Inc.
[ISSUEDATE] 08/20/2015
[MANUFAC] Tomar Electronics, Inc.
[LUMCAT] TLX7240
[LUMINAIRE] Tomar TLX7240 C1D1 LED Luminaire 120/240VAC 2600 lm 5000K
[_TOTALLUMINAIRELUMENS] 2686.4

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2688
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	71
Total Luminaire Watts	38
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.80
Spacing Criterion (90-270)	1.80
Spacing Criterion (Diagonal)	1.66
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.05 m (Diameter)
Luminous Width (90-270)	0.05 m (Diameter)
Luminous Height	0.03 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	300804	300804	300804
55	186762	186762	186762
65	98621	98621	98621
75	50309	50309	50309
85	27609	27609	27609

IES INDOOR REPORT
PHOTOMETRIC FILENAME : TLX7240_08202015.IES

CANDELA TABULATION

	<u>0</u>
0	666.00
5	648.00
10	616.00
15	718.00
20	856.00
25	909.00
30	913.00
35	881.00
40	833.00
45	737.00
50	596.00
55	440.00
60	318.00
65	216.00
70	146.80
75	98.50
80	64.00
85	46.00
90	37.60
95	33.40
100	32.40
105	32.30
110	29.40
115	21.30
120	14.85
125	11.87
130	9.61
135	7.54
140	3.19
145	0.90
150	0.47
155	0.00
160	0.00
165	0.00
170	0.00
175	0.00
180	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : TLX7240_08202015.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	269.78	N.A.	10.00
0-30	685.47	N.A.	25.50
0-40	1235.62	N.A.	46.00
0-60	2196.14	N.A.	81.70
0-80	2525.41	N.A.	94.00
0-90	2578.19	N.A.	95.90
10-90	2517.27	N.A.	93.70
20-40	965.84	N.A.	35.90
20-50	1525.89	N.A.	56.80
40-70	1182.2	N.A.	44.00
60-80	329.28	N.A.	12.30
70-80	107.60	N.A.	4.00
80-90	52.78	N.A.	2.00
90-110	70.76	N.A.	2.60
90-120	92.38	N.A.	3.40
90-130	103.23	N.A.	3.80
90-150	109.57	N.A.	4.10
90-180	109.63	N.A.	4.10
110-180	38.87	N.A.	1.40
0-180	2687.82	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

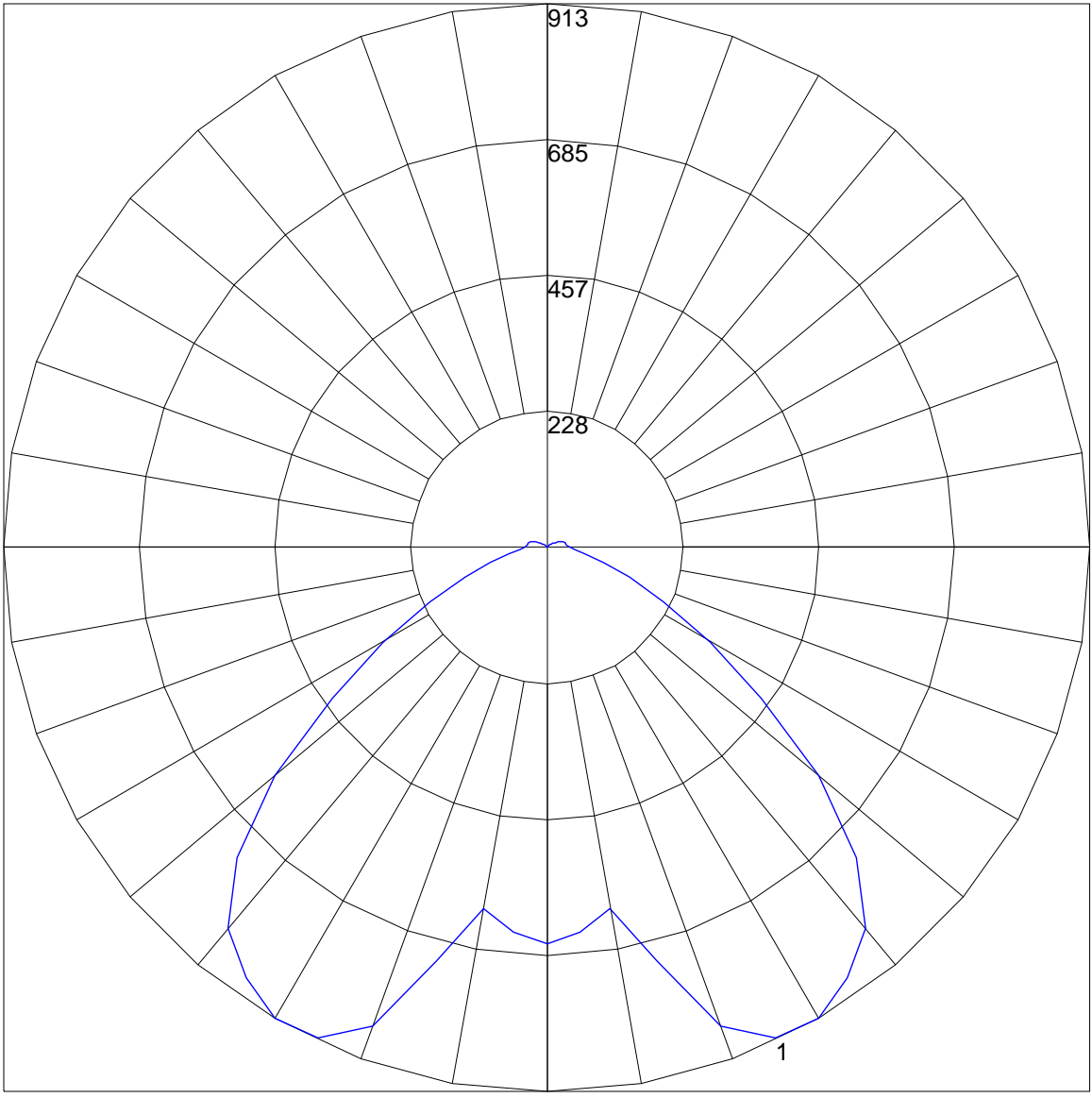
Zone	Lumens
0-10	60.93
10-20	208.85
20-30	415.69
30-40	550.15
40-50	560.05
50-60	400.47
60-70	221.68
70-80	107.60
80-90	52.78
90-100	37.32
100-110	33.44
110-120	21.63
120-130	10.85
130-140	5.45
140-150	0.88
150-160	0.06
160-170	0.00
170-180	0.00

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96
1	108	104	100	96	105	101	98	94	96	93	91	92	89	87	88	86	84	82
2	99	91	85	79	96	89	83	78	85	80	76	81	77	73	78	74	71	69
3	91	81	73	67	88	79	72	66	75	69	64	72	67	62	69	65	61	59
4	83	72	63	57	81	70	62	56	67	60	55	64	58	54	62	57	53	50
5	76	64	55	49	74	63	54	48	60	53	47	58	51	46	55	50	46	43
6	70	57	49	42	68	56	48	42	54	47	41	52	46	41	50	44	40	38
7	65	52	43	37	63	51	43	37	49	42	36	47	41	36	45	40	35	33
8	60	47	39	33	59	46	38	33	45	37	32	43	37	32	42	36	31	29
9	56	43	35	29	55	42	34	29	41	34	29	39	33	28	38	32	28	26
10	53	39	32	26	51	39	31	26	37	31	26	36	30	26	35	29	25	24

POLAR GRAPH



Maximum Candela = 913 Located At Horizontal Angle = 0, Vertical Angle = 30
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)