



IES INDOOR REPORT

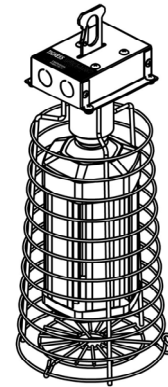
PHOTOMETRIC FILENAME : 15721-10K5 TIGRESS MULTI-LAMP TEMPORARY LIGHT FIXTURE (PRE-LAMPED).IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TESTLAB]
[ISSUEDATE]
[TEST] 273465-01-001
[DATE] 2018-12-28
[MANUFAC] ENGINEERED PRODUCTS CO.
[LUMCAT] 15721-10K5
[LAMP] FE-20-001

CHARACTERISTICS

Lumens Per Lamp	11464.98 (1 lamp)
Total Lamp Lumens	11464.98
Luminaire Lumens	11465
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	93.4
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Point
Luminous Length (0-180)	0.00 m
Luminous Width (90-270)	0.00 m
Luminous Height	0.00 m



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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	<u>0</u>	<u>90</u>
0	199.939	199.939
5	206.884	210.688
10	234.502	245.802
15	294.533	310.519
20	373.858	391.443
25	468.011	476.170
30	563.874	567.016
35	661.610	668.115
40	742.920	770.758
45	823.347	862.376
50	892.363	936.353
55	951.292	1001.566
60	1008.953	1065.677
65	1057.187	1114.683
70	1088.994	1155.916
75	1110.438	1187.172
80	1124.440	1207.734
85	1132.268	1218.318
90	1134.858	1221.350
95	1132.212	1218.097
100	1121.683	1205.033
105	1100.626	1180.392
110	1070.197	1148.419
115	1029.073	1107.682
120	979.461	1054.321
125	923.895	993.242
130	862.761	917.170
135	782.389	825.442
140	692.976	716.074
145	592.759	595.350
150	480.304	482.123
155	360.187	360.683
160	245.306	258.150
165	142.774	161.406
170	69.016	84.948
175	21.885	23.042
180	2.315	2.315

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Zone	Lumens	%Lamp	%Fixt
0-20	109.61	1.00	1.00
0-30	330.55	2.90	2.90
0-40	748.92	6.50	6.50
0-60	2276.79	19.90	19.90
0-80	4565.2	39.80	39.80
0-90	5845.79	51.00	51.00
10-90	5824.84	50.80	50.80
20-40	639.32	5.60	5.60
20-50	1290.59	11.30	11.30
40-70	2603.21	22.70	22.70
60-80	2288.42	20.00	20.00
70-80	1213.07	10.60	10.60
80-90	1280.59	11.20	11.20
90-110	2484.29	21.70	21.70
90-120	3542.62	30.90	30.90
90-130	4401.18	38.40	38.40
90-150	5397.75	47.10	47.10
90-180	5619.19	49.00	49.00
110-180	3134.9	27.30	27.30
0-180	11464.98	100.00	100.00

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	20.95
10-20	88.66
20-30	220.95
30-40	418.37
40-50	651.27
50-60	876.59
60-70	1075.34
70-80	1213.07
80-90	1280.59
90-100	1279.77
100-110	1204.52
110-120	1058.34
120-130	858.55
130-140	621.57
140-150	375.00
150-160	170.72
160-170	46.87
170-180	3.85

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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

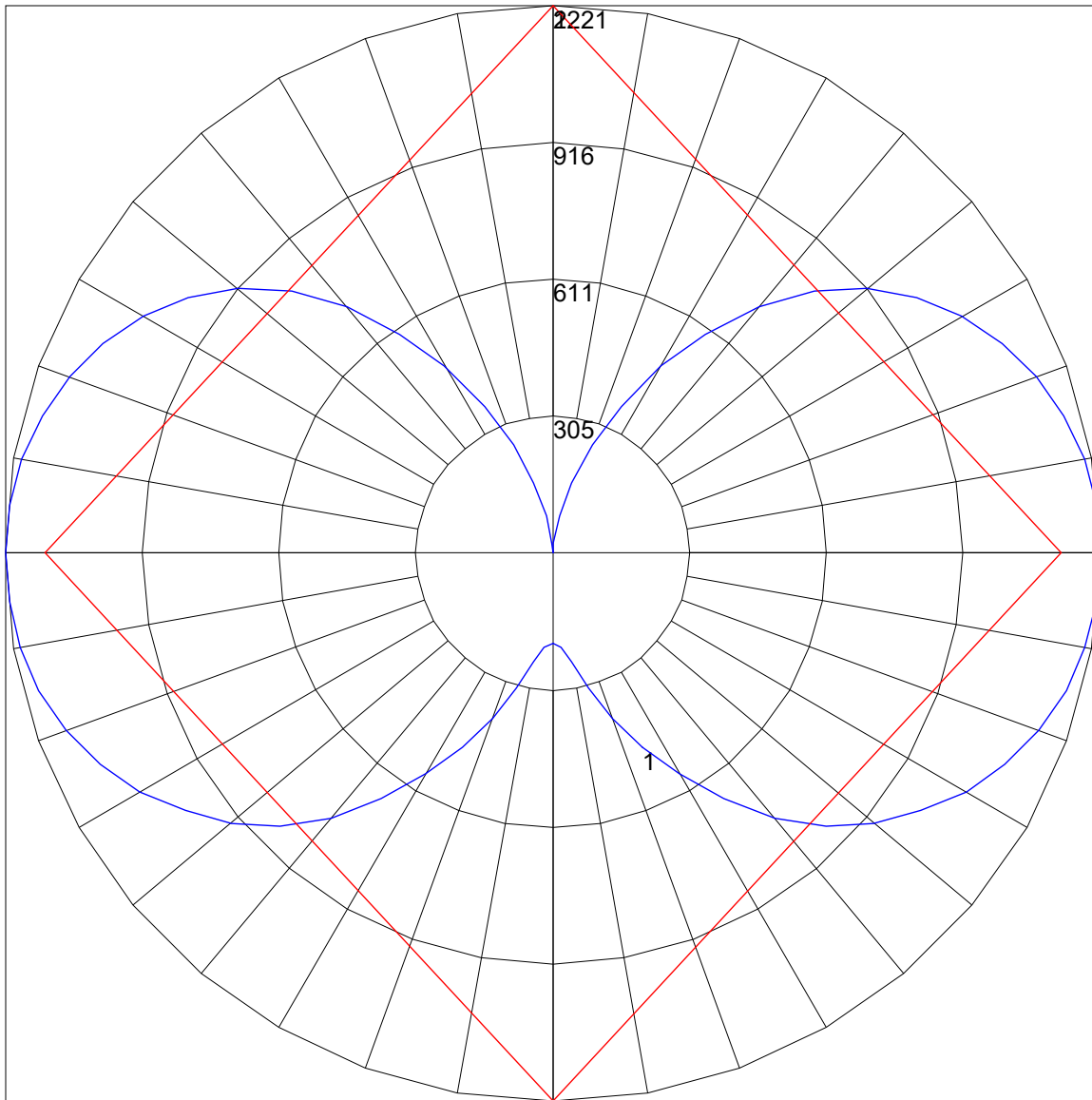
Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	107	107	107	107	99	99	99	99	84	84	84	70	70	70	57	57	57	51
1	92	85	79	74	84	78	73	68	65	61	57	53	49	47	41	39	37	31
2	82	71	63	56	74	65	58	51	54	48	43	43	38	34	33	30	27	22
3	73	61	51	44	66	56	47	40	45	39	33	36	31	27	28	24	20	16
4	66	53	43	35	60	48	39	33	39	32	27	31	26	21	24	19	16	12
5	60	46	36	29	54	42	33	27	34	27	22	27	22	17	21	16	13	9
6	55	41	31	25	50	37	29	23	31	24	18	24	19	15	18	14	11	7
7	51	36	27	21	46	33	25	19	27	21	16	22	16	12	16	12	9	6
8	47	33	24	18	42	30	22	16	25	18	14	20	14	11	15	11	8	5
9	43	30	21	16	39	27	20	14	22	16	12	18	13	9	14	10	7	4
10	40	27	19	14	37	25	17	13	20	14	10	16	11	8	12	9	6	4

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POLAR GRAPH



Maximum Candela = 1221.35 Located At Horizontal Angle = 90, Vertical Angle = 90

1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (90) (Through Max. Cd.)