

IES INDOOR REPORT
PHOTOMETRIC FILENAME : TRI-I-9-32CF-F05.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] Photopia 2015.0.1
[TESTLAB] TMS LIGHTING INC.
[ISSUE DATE] Jan. 17, 2017
[TEST DATE] Jan. 17, 2017
[MANUFAC] TMS LIGHTING INC.
[LUMCAT] TRISHA PENDANT
[MORE] 9" DIA. RLM REFLECTOR
[MORE] BRUSHED COPPER FINISH
[LUMINAIRE] TRI-I-9-32CF-F05
[LAMP] Fluor. 32W PL-T triple tube
[LAMP CAT] PL-T 32W/840/4P

CHARACTERISTICS

Lumens Per Lamp	2400 (1 lamp)
Total Lamp Lumens	2400
Luminaire Lumens	1511
Total Luminaire Efficiency	63 %
Luminaire Efficacy Rating (LER)	42
Total Luminaire Watts	36
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.36
Spacing Criteria (90-270)	1.38
Spacing Criteria (Diagonal)	1.42
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.74 ft (Diameter)
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	14641	14486	14552
55	10216	9955	9908
65	6095	6156	6243
75	4591	4457	4719
85	3167	2892	3106

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	492.25	20.50	32.60
0-40	820.79	34.20	54.30
0-60	1339.31	55.80	88.60
0-90	1511.17	63.00	100.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
0-180	1511.17	63.00	100.00

Total Luminaire Efficiency = 63.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	57.68
10-20	170.18
20-30	264.38
30-40	328.54
40-50	313.00
50-60	205.52
60-70	106.75
70-80	51.56
80-90	13.54
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

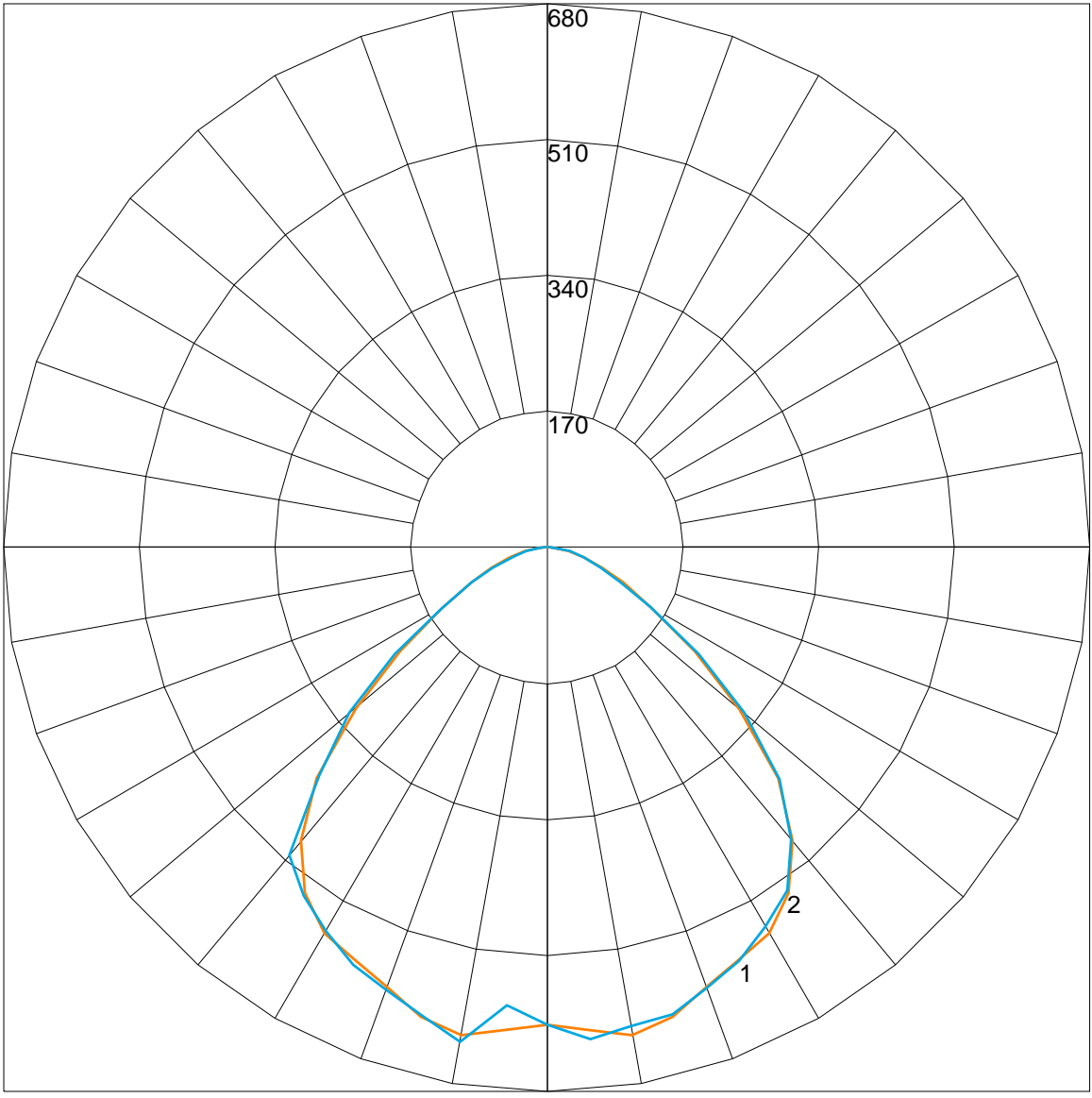
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	75	75	75	75	73	73	73	73	70	70	70	67	67	67	64	64	64	63	63
1	69	67	65	62	68	65	63	61	63	61	60	60	59	58	58	57	56	55	55
2	64	59	56	52	62	58	55	52	56	53	51	54	52	49	52	50	48	47	47
3	59	53	48	45	57	52	48	44	50	46	43	48	45	43	47	44	42	41	41
4	54	47	42	38	53	47	42	38	45	41	38	44	40	37	42	39	37	35	35
5	50	43	37	34	49	42	37	33	41	36	33	39	36	33	38	35	32	31	31
6	46	39	33	30	45	38	33	29	37	33	29	36	32	29	35	31	29	28	28
7	43	35	30	26	42	35	30	26	34	29	26	33	29	26	32	28	26	25	25
8	40	32	27	24	39	32	27	24	31	27	23	30	26	23	29	26	23	22	22
9	38	30	25	21	37	29	24	21	29	24	21	28	24	21	27	24	21	20	20
10	35	27	23	19	35	27	22	19	26	22	19	26	22	19	25	22	19	18	18

POLAR GRAPH



Maximum Candela = 646.88 Located At Horizontal Angle = 22.5, Vertical Angle = 10
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)