

IES INDOOR REPORT
PHOTOMETRIC FILENAME : TRI-I-18-200IN-F05.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] Photopia 2015.0.1
[TESTLAB] TMS LIGHTING INC.
[TESTDATE] Jan. 19, 2017
[ISSUE DATE] Jan. 19, 2017
[MANUFAC] TMS LIGHTING INC.
[LUMINAIRE] TRISHA PENDANT
[MORE] 18" DIA. RLM REFLECTOR
[MORE] WHITE POLYESTER POWDER COAT
[LUMCAT] TRI-I-18-200IN-F05
[LAMP] 200W FROSTED INCANDESCENT
[LAMPCAT] A-21, E26 BASE

CHARACTERISTICS

Lumens Per Lamp	3760 (1 lamp)
Total Lamp Lumens	3760
Luminaire Lumens	2534
Total Luminaire Efficiency	67 %
Luminaire Efficacy Rating (LER)	13
Total Luminaire Watts	200
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.32
Spacing Criteria (90-270)	1.32
Spacing Criteria (Diagonal)	1.34
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.46 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	5859	5859	5859
55	4123	4123	4123
65	3031	3031	3031
75	2382	2382	2382
85	1443	1443	1443

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	821.99	21.90	32.40
0-40	1371.95	36.50	54.10
0-60	2203.5	58.60	87.00
0-90	2533.74	67.40	100.00
90-120	0.10	0.00	0.00
90-130	0.10	0.00	0.00
90-150	0.10	0.00	0.00
90-180	0.10	0.00	0.00
0-180	2533.83	67.40	100.00

Total Luminaire Efficiency = 67.40%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	96.08
10-20	282.49
20-30	443.42
30-40	549.95
40-50	496.34
50-60	335.21
60-70	201.89
70-80	102.64
80-90	25.69
90-100	0.10
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

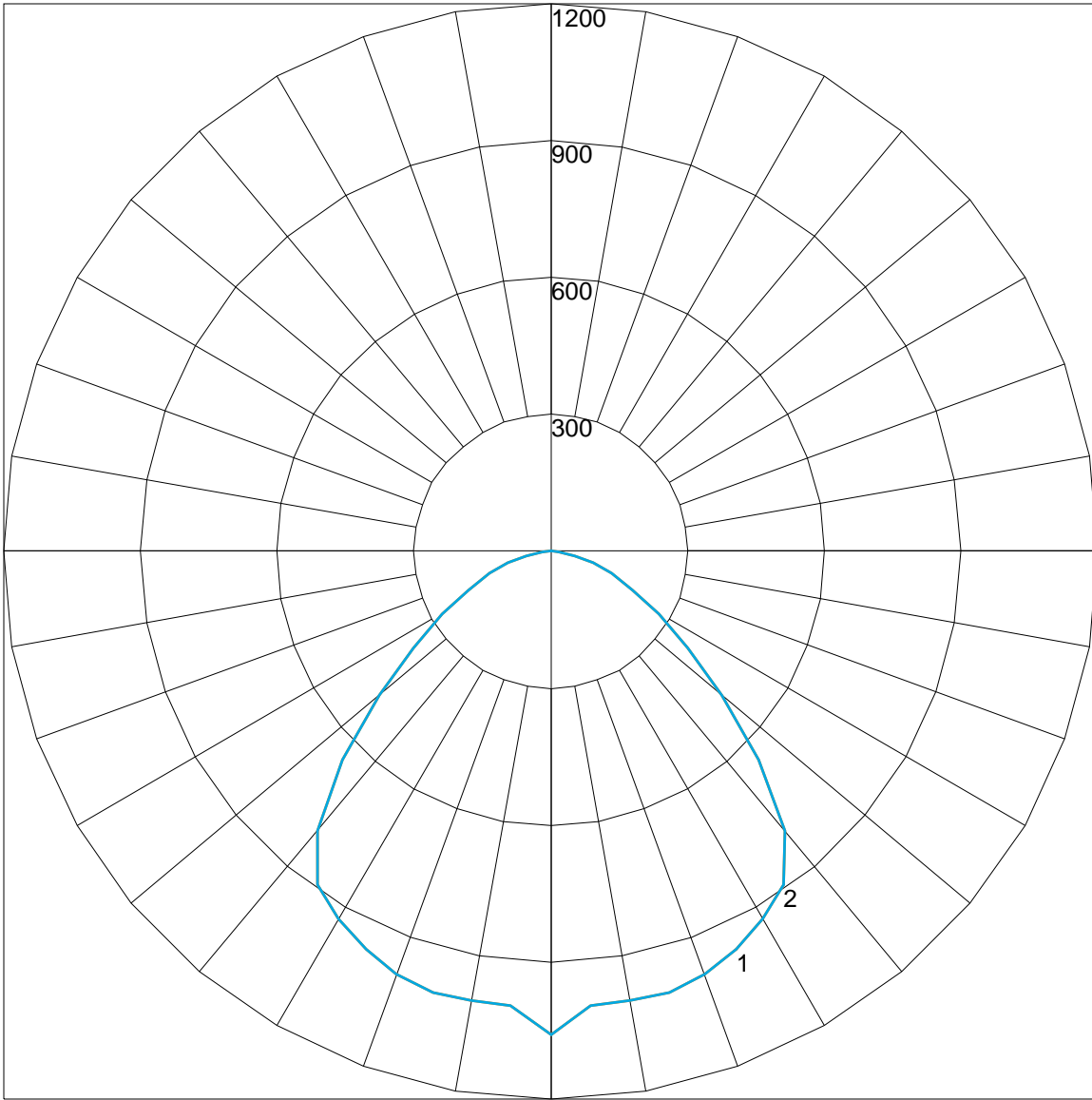
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC 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	80	80	80	80	78	78	78	78	75	75	75	72	72	72	69	69	69	67
1	74	71	69	67	72	70	68	65	67	65	63	64	63	62	62	61	60	58
2	68	63	59	56	67	62	58	55	60	56	54	57	55	53	55	53	51	50
3	63	56	51	47	61	55	51	47	53	49	46	51	48	45	50	47	45	43
4	58	50	45	41	56	49	44	40	48	43	40	46	43	39	45	42	39	38
5	53	45	40	36	52	45	39	35	43	39	35	42	38	35	41	37	34	33
6	49	41	35	31	48	40	35	31	39	34	31	38	34	31	37	33	30	29
7	46	37	32	28	45	37	32	28	36	31	28	35	31	27	34	30	27	26
8	43	34	29	25	42	34	29	25	33	28	25	32	28	25	31	27	25	23
9	40	31	26	23	39	31	26	23	30	26	22	30	25	22	29	25	22	21
10	38	29	24	21	37	29	24	20	28	24	20	27	23	20	27	23	20	19

POLAR GRAPH



Maximum Candela = 1060.23 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)