

IES INDOOR REPORT
PHOTOMETRIC FILENAME : TRI-I-12-26CF-F05.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] Photopia 2015.0.1
[TESTLAB] TMS LIGHTING INC.
[ISSUE DATE] Jan. 18, 2017
[TEST DATE] Jan. 18, 2017
[MANUFAC] TMS LIGHTING INC.
[LUMCAT] TRISHA PENDANT
[MORE] 12" DIA. RLM REFLECTOR
[MORE] WHITE POLYESTER POWDER COAT FINISH
[LUMINAIRE] TRI-I-12-26CF-F05
[LAMP] Fluor. 26W PL-T triple tube
[LAMP CAT] PL-T 26W/840/4P

CHARACTERISTICS

Lumens Per Lamp	2400 (1 lamp)
Total Lamp Lumens	2400
Luminaire Lumens	1338
Total Luminaire Efficiency	56 %
Luminaire Efficacy Rating (LER)	46
Total Luminaire Watts	29
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.40
Spacing Criteria (90-270)	1.40
Spacing Criteria (Diagonal)	1.50
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.99 ft
Luminous Width (90-270)	0.99 ft
Luminous Height	0.81 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3053	2510	3029
55	2272	1800	2235
65	1431	1150	1483
75	724	583	706
85	147	92	129

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	357.92	14.90	26.70
0-40	603.34	25.10	45.10
0-60	1095.52	45.60	81.90
0-90	1338.01	55.80	100.00
90-120	0.38	0.00	0.00
90-130	0.38	0.00	0.00
90-150	0.38	0.00	0.00
90-180	0.38	0.00	0.00
0-180	1338.38	55.80	100.00

Total Luminaire Efficiency = 55.80%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	42.69
10-20	123.23
20-30	192.01
30-40	245.42
40-50	267.10
50-60	225.08
60-70	153.42
70-80	74.07
80-90	15.00
90-100	0.38
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

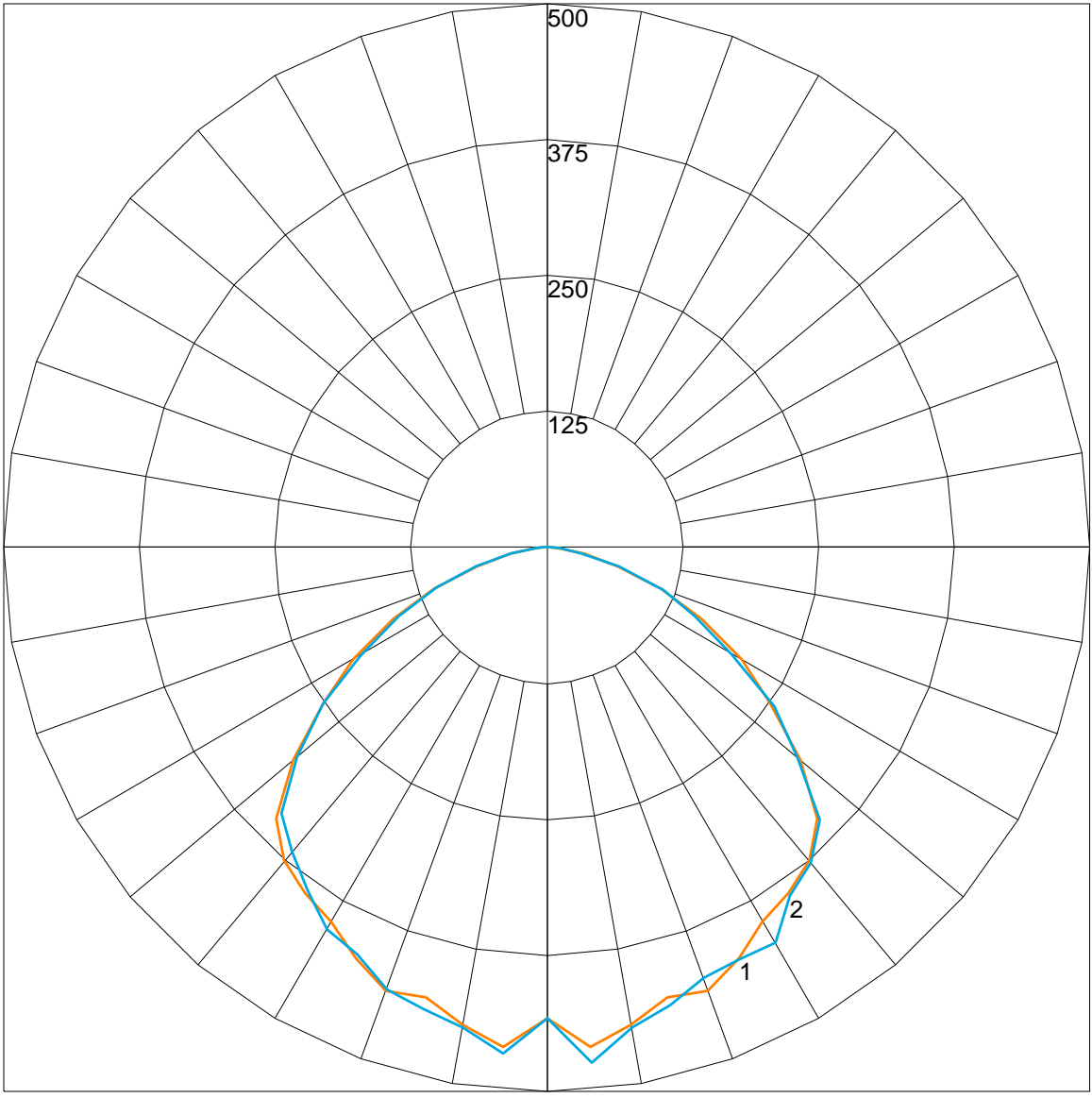
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	66	66	66	66	65	65	65	65	62	62	62	59	59	59	57	57	57	56	56
1	61	58	56	54	59	57	55	53	55	53	51	53	51	50	51	49	48	47	47
2	55	51	47	44	54	50	47	44	48	45	43	46	44	42	44	43	41	40	40
3	51	45	40	37	49	44	40	36	42	39	36	41	38	35	39	37	35	33	33
4	46	40	35	31	45	39	34	31	38	34	30	36	33	30	35	32	30	28	28
5	43	35	30	27	41	35	30	27	34	29	26	32	29	26	31	28	26	25	25
6	39	32	27	23	38	31	27	23	30	26	23	29	26	23	28	25	23	21	21
7	36	29	24	20	35	28	24	20	27	23	20	27	23	20	26	23	20	19	19
8	34	26	21	18	33	26	21	18	25	21	18	24	21	18	24	20	18	17	17
9	32	24	19	16	31	24	19	16	23	19	16	22	19	16	22	18	16	15	15
10	30	22	18	15	29	22	18	15	21	17	15	21	17	15	20	17	15	14	14

POLAR GRAPH



Maximum Candela = 475.67 Located At Horizontal Angle = 0, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)