

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TRI-I-18-32CF-F05.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-1995  
[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" DIAMETER RLM REFLECTOR  
[MORE] WHITE POLYESTER POWDER COAT  
[LUMCAT] TRI-I-18-32CF-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	1560
Total Luminaire Efficiency	65 %
Luminaire Efficacy Rating (LER)	43
Total Luminaire Watts	36
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.10
Spacing Criteria (90-270)	1.10
Spacing Criteria (Diagonal)	1.16
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	2996	3012	3060
55	2009	2002	1939
65	1594	1580	1615
75	1257	1302	1189
85	616	699	791

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	619.86	25.80	39.70
0-40	966.37	40.30	61.90
0-60	1387.61	57.80	88.90
0-90	1560.45	65.00	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	1560.45	65.00	100.00

Total Luminaire Efficiency = 65.00%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	80.83
10-20	222.07
20-30	316.96
30-40	346.50
40-50	260.32
50-60	160.92
60-70	104.35
70-80	55.21
80-90	13.28
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

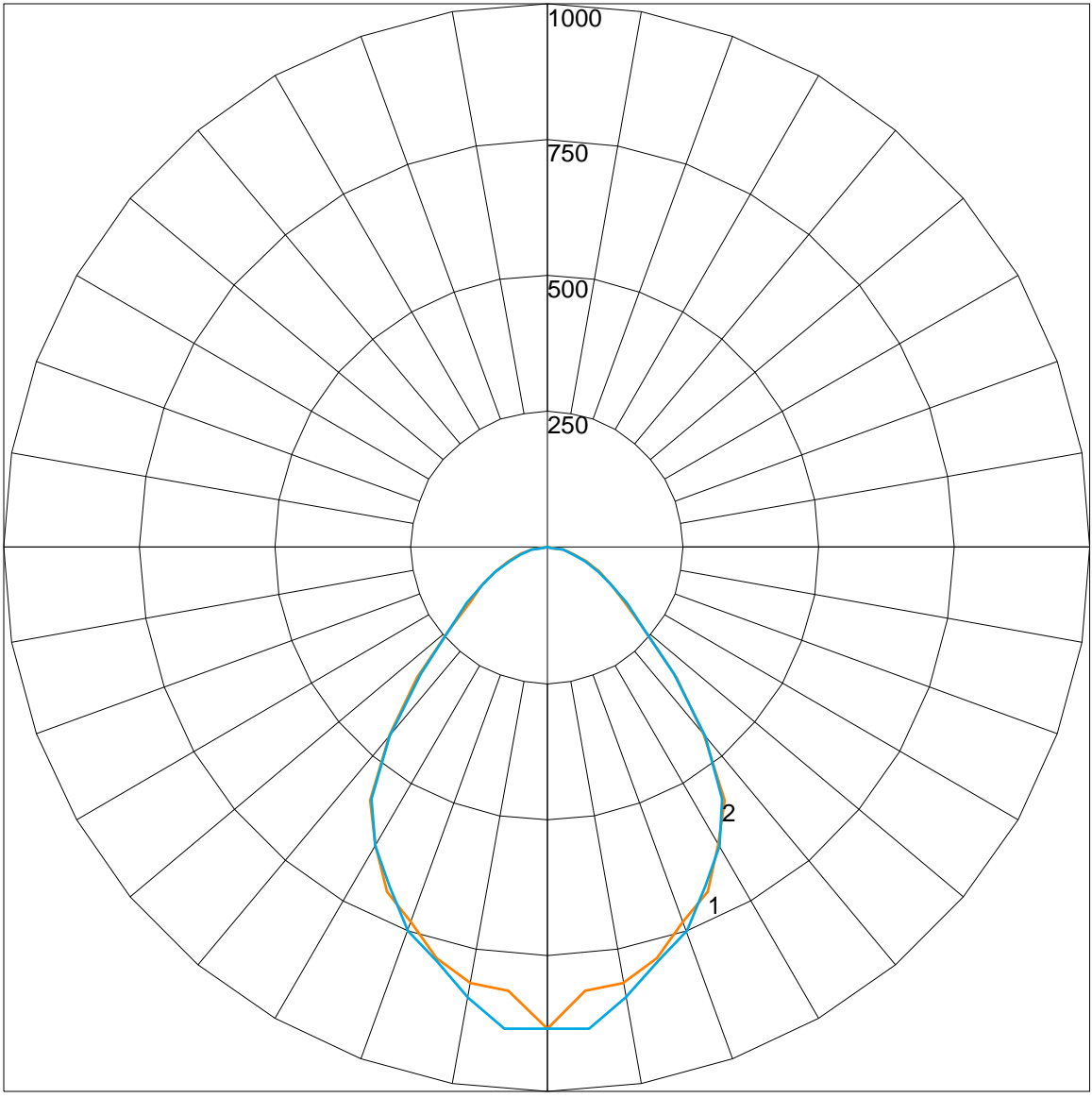
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC 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	77	77	77	77	76	76	76	76	72	72	72	69	69	69	66	66	66	65
1	72	69	67	65	70	68	66	64	65	64	62	63	61	60	60	59	58	57
2	67	62	58	55	65	61	58	55	59	56	53	57	54	52	55	53	51	50
3	62	56	51	48	60	55	51	47	53	49	46	51	48	46	50	47	45	44
4	57	50	46	42	56	50	45	41	48	44	41	47	43	40	45	42	40	39
5	53	46	41	37	52	45	40	37	44	40	36	43	39	36	41	38	36	34
6	50	42	37	33	48	41	36	33	40	36	33	39	35	32	38	35	32	31
7	46	38	33	30	45	38	33	30	37	33	29	36	32	29	35	32	29	28
8	43	35	30	27	42	35	30	27	34	30	27	33	29	27	33	29	26	25
9	41	33	28	25	40	32	28	25	32	27	24	31	27	24	30	27	24	23
10	38	30	26	23	38	30	26	23	30	25	22	29	25	22	28	25	22	21

POLAR GRAPH



Maximum Candela = 889.1 Located At Horizontal Angle = 0, Vertical Angle = 5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
# 2 - Vertical Plane Through Horizontal Angles (0 - 180)