

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TRI-I-15-32CF-F05.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-1995  
[TEST] Photopia 2015.0.1  
[TESTLAB] TMS LIGHTING INC.  
[TESTDATE] Jan. 19, 2017  
[ISSUEDATE] Jan. 19, 2017  
[MANUFAC] TMS LIGHTING INC.  
[LUMINAIRE] TRISHA PENDANT  
[MORE] 15" DIAMETER RLM REFLECTOR  
[MORE] WHITE POLYESTER POWDER COAT  
[LUMCAT] TRI-I-15-32CF-F05  
[LAMP] Fluor. 32W PL-T triple tube  
[LAMPCAT] PL-T 32W/840/4P

**CHARACTERISTICS**

Lumens Per Lamp	2400 (1 lamp)
Total Lamp Lumens	2400
Luminaire Lumens	1869
Total Luminaire Efficiency	78 %
Luminaire Efficacy Rating (LER)	52
Total Luminaire Watts	36
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.12
Spacing Criteria (90-270)	1.08
Spacing Criteria (Diagonal)	1.26
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.84 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	12970	13017	12986
55	9814	9764	9854
65	6892	6857	6825
75	5197	5207	5314
85	4108	3983	4195

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	621.54	25.90	33.30
0-40	996.42	41.50	53.30
0-60	1619.55	67.50	86.60
0-90	1868.56	77.90	100.00
90-120	0.38	0.00	0.00
90-130	0.41	0.00	0.00
90-150	0.54	0.00	0.00
90-180	0.72	0.00	0.00
0-180	1869.28	77.90	100.00

Total Luminaire Efficiency = 77.90%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	82.90
10-20	222.85
20-30	315.79
30-40	374.88
40-50	360.79
50-60	262.34
60-70	152.14
70-80	75.05
80-90	21.81
90-100	0.36
100-110	0.01
110-120	0.01
120-130	0.03
130-140	0.05
140-150	0.08
150-160	0.08
160-170	0.07
170-180	0.03

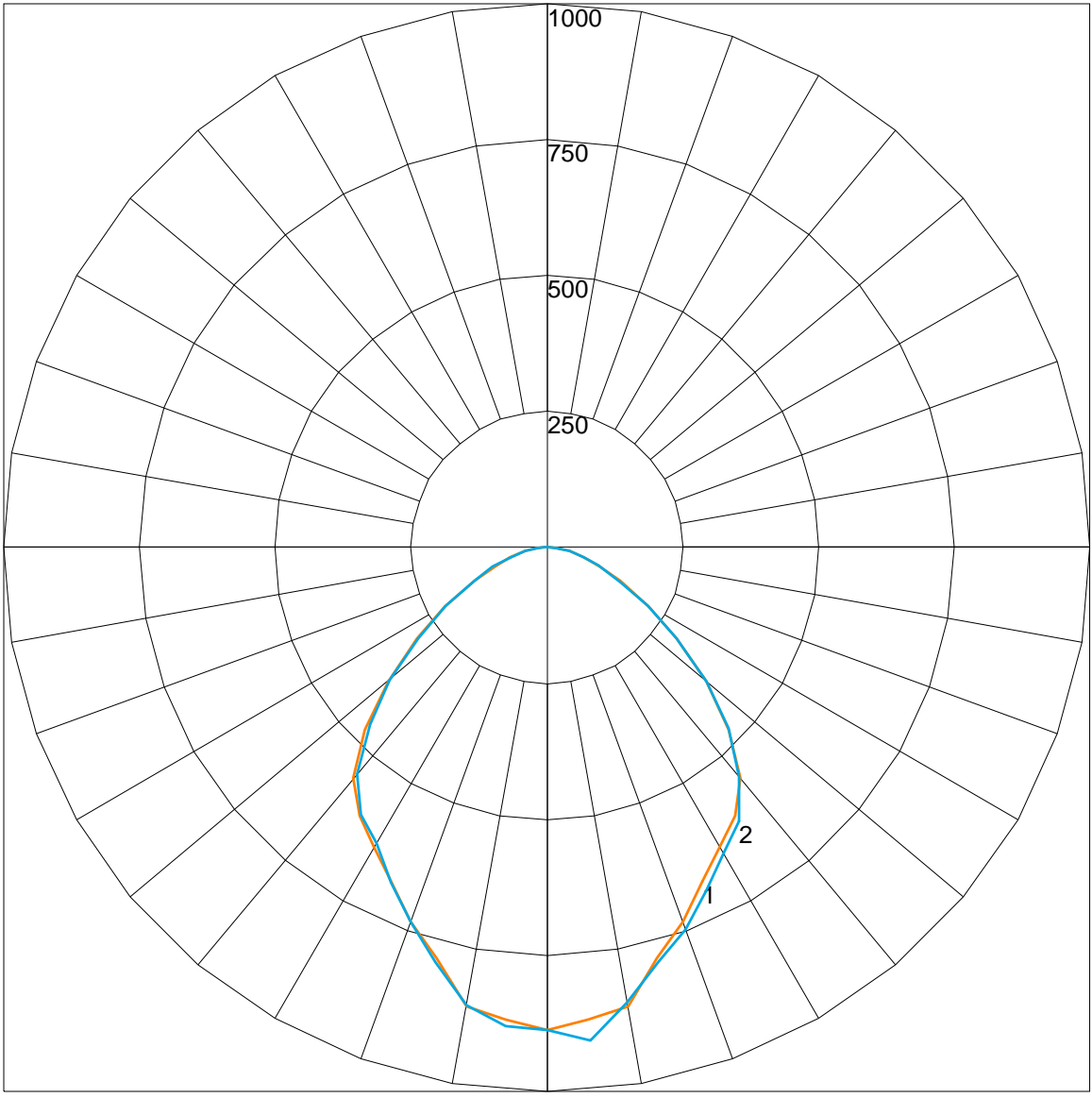
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	93	93	93	93	91	91	91	91	87	87	87	83	83	83	79	79	79	78
1	86	82	79	77	84	81	78	76	77	75	73	74	73	71	72	70	69	67
2	79	73	68	64	77	72	67	64	69	65	62	66	63	61	64	62	59	58
3	72	65	59	55	71	64	58	54	62	57	53	59	56	52	57	54	51	50
4	67	58	52	47	65	57	51	47	55	50	46	54	49	46	52	48	45	43
5	62	52	46	41	60	52	45	41	50	45	40	48	44	40	47	43	40	38
6	57	48	41	36	56	47	41	36	45	40	36	44	39	36	43	39	35	34
7	53	43	37	32	52	43	37	32	42	36	32	40	36	32	39	35	32	30
8	50	40	33	29	49	39	33	29	38	33	29	37	32	29	36	32	29	27
9	47	37	31	26	45	36	30	26	35	30	26	34	30	26	34	29	26	25
10	44	34	28	24	43	33	28	24	33	28	24	32	27	24	31	27	24	22

POLAR GRAPH



Maximum Candela = 909.69 Located At Horizontal Angle = 0, Vertical Angle = 5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
# 2 - Vertical Plane Through Horizontal Angles (0 - 180)