

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TRI-I-10-32CF-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] 10" DIA. RLM REFLECTOR  
[MORE] WHITE POLYESTER POWDER COAT FINISH  
[LUMINAIRE] TRI-I-10-32CF-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	1605
Total Luminaire Efficiency	67 %
Luminaire Efficacy Rating (LER)	45
Total Luminaire Watts	36
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.36
Spacing Criteria (90-270)	1.36
Spacing Criteria (Diagonal)	1.38
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	0.81 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	12479	12066	11805
55	9768	9731	10066
65	7799	7418	7543
75	4825	5203	5177
85	3850	3776	3620

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	487.55	20.30	30.40
0-40	810.76	33.80	50.50
0-60	1362.91	56.80	84.90
0-90	1605.03	66.90	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	1605.03	66.90	100.00

Total Luminaire Efficiency = 66.90%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	57.00
10-20	166.68
20-30	263.87
30-40	323.21
40-50	309.33
50-60	242.83
60-70	153.44
70-80	69.99
80-90	18.69
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

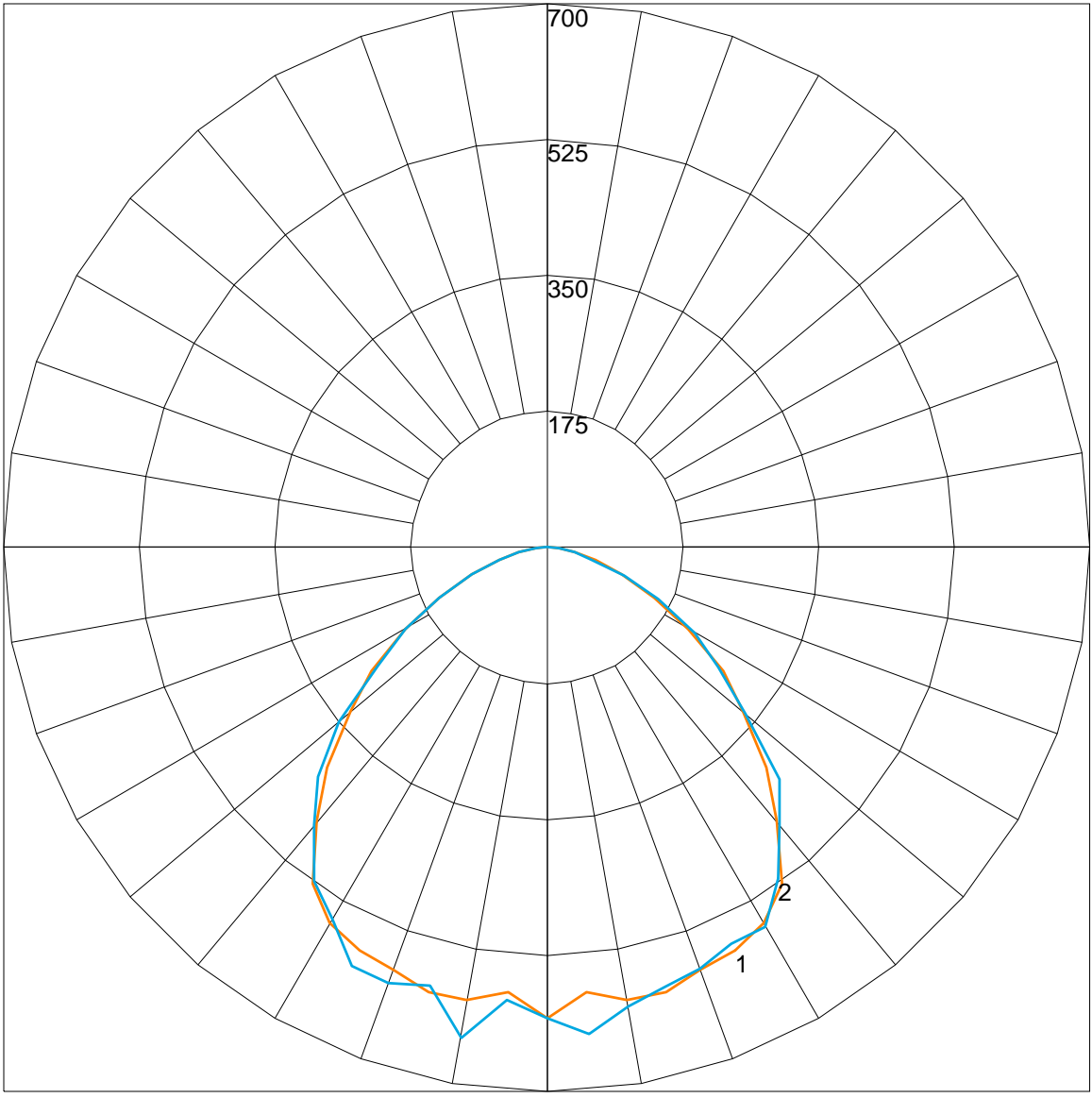
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	80	80	80	80	78	78	78	78	74	74	74	71	71	71	68	68	68	67
1	73	70	68	66	72	69	67	64	66	64	62	64	62	61	61	60	59	57
2	67	62	58	54	66	61	57	54	59	55	52	56	54	51	54	52	50	49
3	62	55	50	46	60	54	49	45	52	48	45	50	47	44	49	46	43	42
4	57	49	43	39	55	48	43	39	46	42	38	45	41	38	44	40	37	36
5	52	44	38	34	51	43	38	34	42	37	33	41	36	33	39	36	33	31
6	48	40	34	30	47	39	34	30	38	33	29	37	32	29	36	32	29	28
7	45	36	30	26	44	36	30	26	35	30	26	34	29	26	33	29	26	24
8	42	33	27	24	41	32	27	24	32	27	23	31	26	23	30	26	23	22
9	39	30	25	21	38	30	25	21	29	24	21	28	24	21	28	24	21	20
10	37	28	23	19	36	28	23	19	27	22	19	26	22	19	26	22	19	18

POLAR GRAPH



Maximum Candela = 640.093 Located At Horizontal Angle = 180, Vertical Angle = 10  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
# 2 - Vertical Plane Through Horizontal Angles (0 - 180)