

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TRI-I-15-26CF-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] 15" DIAMETER RLM REFLECTOR  
[MORE] WHITE POLYESTER POWDER COAT  
[LUMCAT] TRI-I-15-26CF-F05  
[LAMP] Fluor. 26W PL-T triple tube  
[LAMP CAT] PL-T 26W/840/4P

**CHARACTERISTICS**

Lumens Per Lamp	1800 (1 lamp)
Total Lamp Lumens	1800
Luminaire Lumens	1397
Total Luminaire Efficiency	78 %
Luminaire Efficacy Rating (LER)	48
Total Luminaire Watts	29
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.04
Spacing Criteria (90-270)	1.04
Spacing Criteria (Diagonal)	1.20
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	9303	9547	9342
55	6690	6697	6677
65	4735	4651	4707
75	3738	3600	3679
85	3042	2987	2978

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	496.77	27.60	35.60
0-40	782.36	43.50	56.00
0-60	1224.3	68.00	87.60
0-90	1396.67	77.60	100.00
90-120	0.27	0.00	0.00
90-130	0.30	0.00	0.00
90-150	0.41	0.00	0.00
90-180	0.55	0.00	0.00
0-180	1397.23	77.60	100.00

Total Luminaire Efficiency = 77.60%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	68.13
10-20	180.05
20-30	248.59
30-40	285.60
40-50	261.98
50-60	179.95
60-70	104.20
70-80	52.72
80-90	15.45
90-100	0.26
100-110	0.01
110-120	0.01
120-130	0.03
130-140	0.04
140-150	0.06
150-160	0.07
160-170	0.05
170-180	0.02

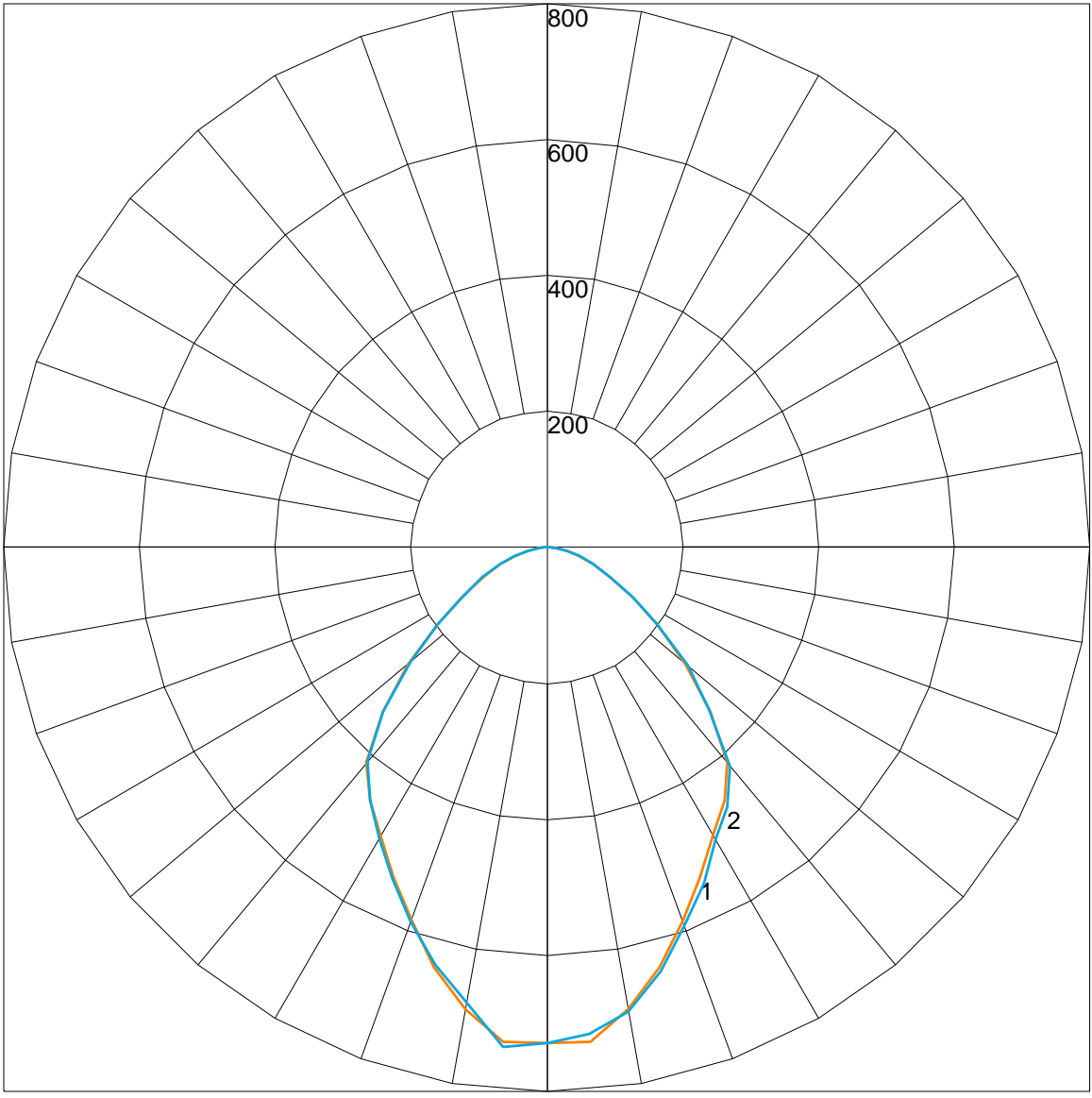
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	92	92	92	92	90	90	90	90	86	86	86	83	83	83	79	79	79	78
1	86	82	80	77	84	81	78	76	77	75	73	74	73	71	72	70	69	67
2	79	73	69	65	77	72	68	64	69	66	63	67	64	61	64	62	60	58
3	73	65	60	55	71	64	59	55	62	58	54	60	56	53	58	55	52	51
4	67	59	53	48	66	58	52	48	56	51	47	54	50	46	53	49	46	44
5	62	53	47	42	61	52	46	42	51	46	41	49	45	41	48	44	41	39
6	58	48	42	37	56	48	42	37	46	41	37	45	40	37	44	40	36	35
7	54	44	38	33	53	44	38	33	42	37	33	41	37	33	40	36	33	31
8	50	41	34	30	49	40	34	30	39	34	30	38	33	30	37	33	30	28
9	47	37	32	27	46	37	31	27	36	31	27	35	31	27	35	30	27	26
10	44	35	29	25	43	34	29	25	34	29	25	33	28	25	32	28	25	23

POLAR GRAPH



Maximum Candela = 745.91 Located At Horizontal Angle = 45, Vertical Angle = 5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
# 2 - Vertical Plane Through Horizontal Angles (0 - 180)