

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TRI-I-9-26CF-F05.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[TEST] Photopia 2015.0.1  
[TESTLAB] TMS LIGHTING INC.  
[ISSUE DATE] Jan. 17, 2017  
[TEST DATE] Jan. 17, 2017  
[MANUFAC] TMS LIGHTING INC.  
[LUMCAT] TRISHA PENDANT  
[MORE] 9" DIA. RLM REFLECTOR  
[MORE] BRUSHED COPPER FINISH  
[LUMINAIRE] TRI-I-9-26CF-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	1434
Total Luminaire Efficiency	80 %
Luminaire Efficacy Rating (LER)	49
Total Luminaire Watts	29
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.18
Spacing Criteria (90-270)	1.16
Spacing Criteria (Diagonal)	1.36
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.76 ft (Diameter)
Luminous Width (90-270)	0.76 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	12683	12347	12580
55	10612	10476	10640
65	8136	8092	7978
75	6108	5929	6106
85	4589	4874	4858

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	420.10	23.30	29.30
0-40	687.94	38.20	48.00
0-60	1199.07	66.60	83.60
0-90	1433.41	79.60	99.90
90-120	0.35	0.00	0.00
90-130	0.40	0.00	0.00
90-150	0.58	0.00	0.00
90-180	0.82	0.00	0.10
0-180	1434.23	79.70	100.00

Total Luminaire Efficiency = 79.70%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	53.69
10-20	148.73
20-30	217.68
30-40	267.84
40-50	283.08
50-60	228.05
60-70	142.29
70-80	71.26
80-90	20.79
90-100	0.32
100-110	0.01
110-120	0.03
120-130	0.05
130-140	0.07
140-150	0.11
150-160	0.11
160-170	0.09
170-180	0.04

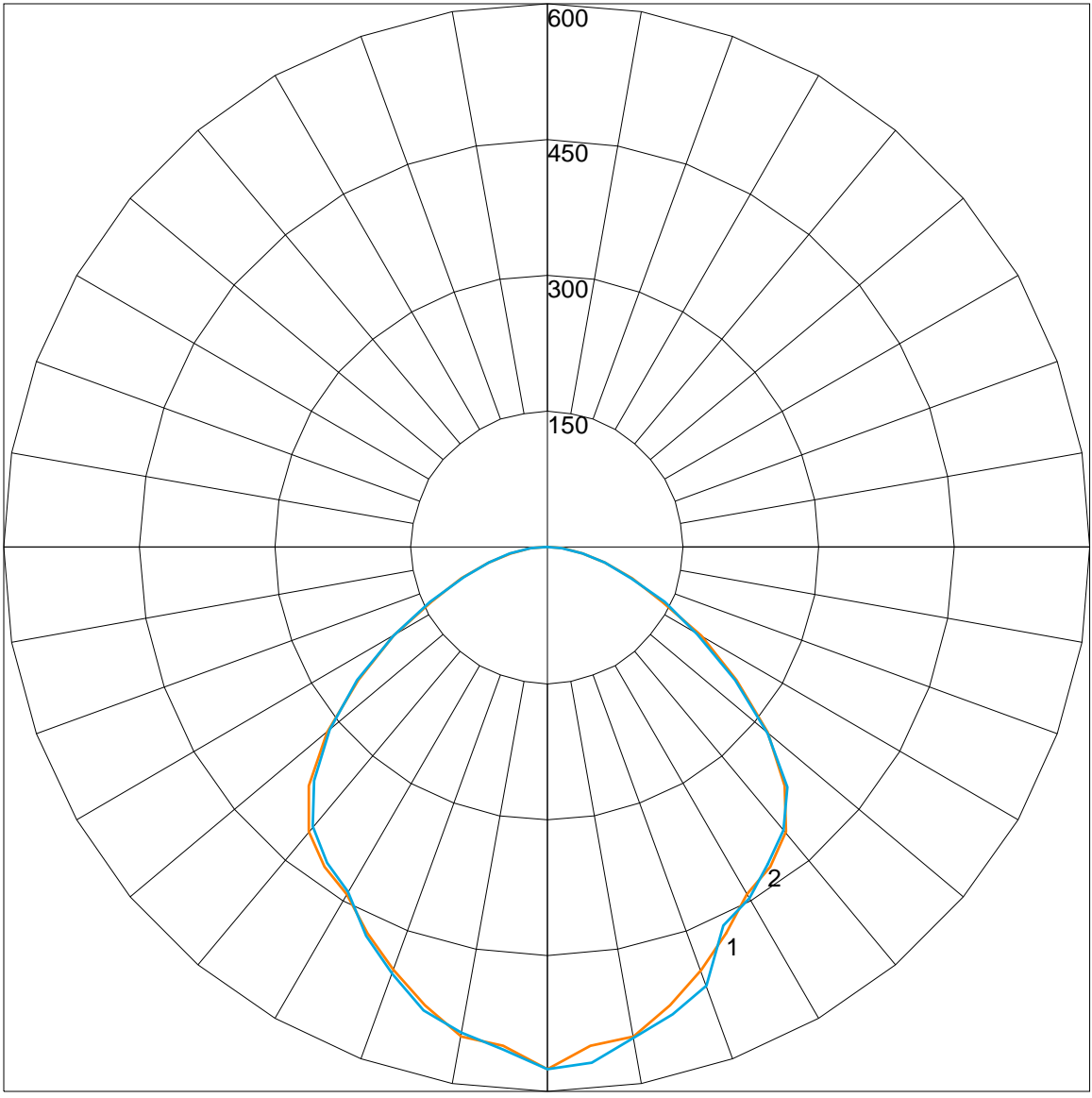
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	
0	95	95	95	95	93	93	93	93	89	89	89	85	85	85	81	81	81	80
1	87	84	80	78	85	82	79	76	78	76	74	75	73	72	73	71	69	68
2	80	73	68	64	78	72	67	63	69	65	62	67	63	60	64	61	59	57
3	73	65	59	54	71	64	58	53	61	56	52	59	55	51	57	54	51	49
4	67	58	51	46	65	57	50	46	55	49	45	53	48	44	51	47	44	42
5	62	52	45	40	60	51	44	39	49	43	39	48	43	39	46	42	38	37
6	57	47	40	35	56	46	39	35	44	39	34	43	38	34	42	37	34	32
7	53	42	36	31	52	42	35	31	40	35	30	39	34	30	38	34	30	28
8	49	39	32	27	48	38	32	27	37	31	27	36	31	27	35	30	27	25
9	46	36	29	25	45	35	29	25	34	29	25	33	28	24	32	28	24	23
10	43	33	27	22	42	32	26	22	32	26	22	31	26	22	30	25	22	21

POLAR GRAPH



Maximum Candela = 581.12 Located At Horizontal Angle = 75, Vertical Angle = 5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
# 2 - Vertical Plane Through Horizontal Angles (0 - 180)