

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TRI-I-15-200IN-F05.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
[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" DIA. RLM REFLECTOR  
[MORE] WHITE POLYESTER POWDER COAT  
[LUMCAT] TRI-I-15-200IN-F05  
[LAMP] 200W FROSTED INCANDESCENT  
[LAMPCAT] A-21, E26 BASE

**CHARACTERISTICS**

Lumens Per Lamp	3760 (1 lamp)
Total Lamp Lumens	3760
Luminaire Lumens	2733
Total Luminaire Efficiency	73 %
Luminaire Efficacy Rating (LER)	14
Total Luminaire Watts	200
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.50
Spacing Criteria (90-270)	1.52
Spacing Criteria (Diagonal)	1.64
Basic Luminous Shape	Circular
Luminous Length (0-180)	1.25 ft (Diameter)
Luminous Width (90-270)	1.25 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	9325	9016	9202
55	8854	9070	8881
65	7195	7281	7241
75	5289	5688	5729
85	4305	3946	4165

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TRI-I-15-200IN-F05.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	620.70	16.50	22.70
0-40	1090.59	29.00	39.90
0-60	2160.96	57.50	79.10
0-90	2732.73	72.70	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	2732.73	72.70	100.00

Total Luminaire Efficiency = 72.70%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	70.46
10-20	208.48
20-30	341.76
30-40	469.88
40-50	556.34
50-60	514.03
60-70	344.70
70-80	176.27
80-90	50.79
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

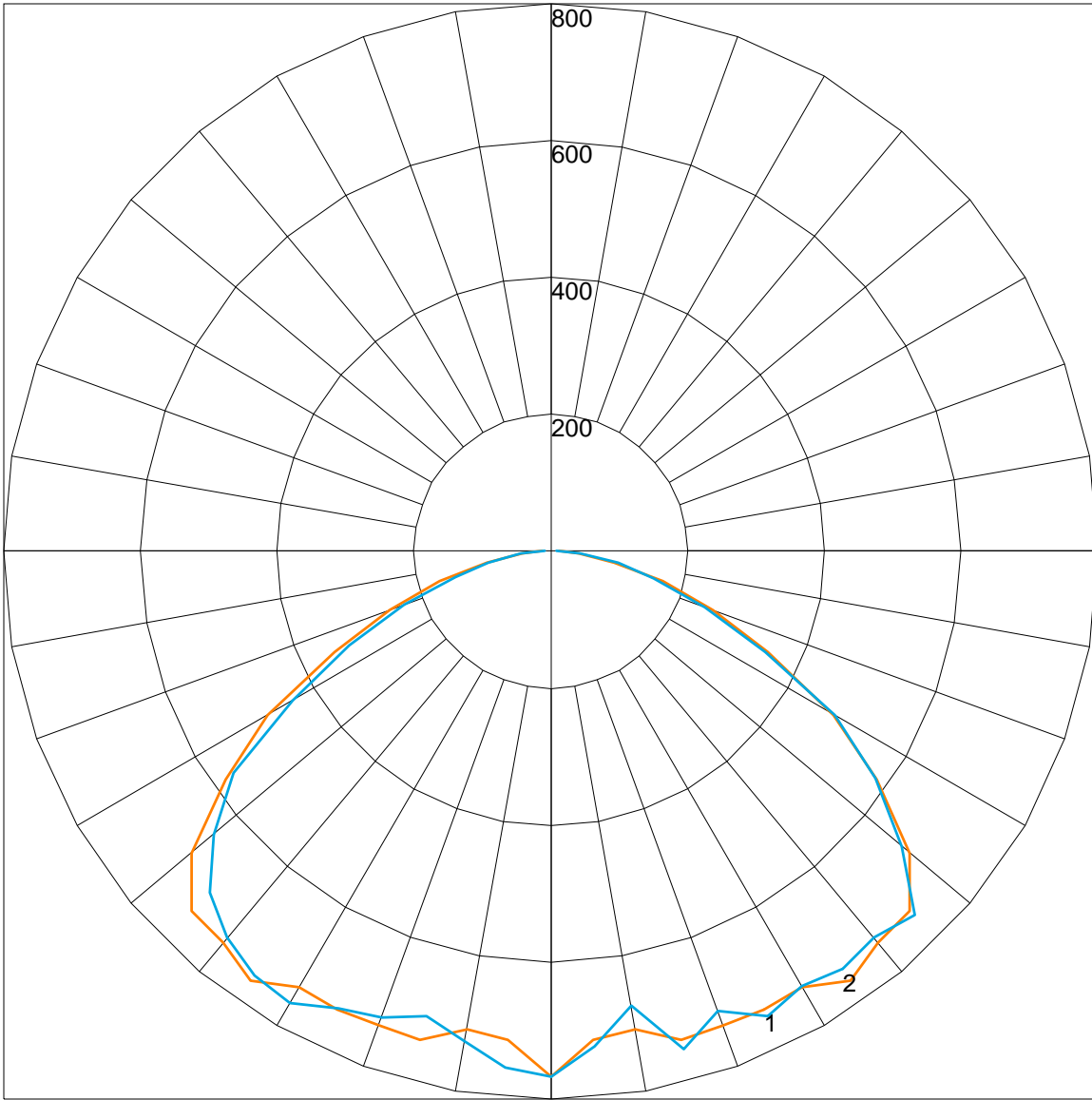
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : TRI-I-15-200IN-F05.IES**

**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	87	87	87	87	85	85	85	85	81	81	81	77	77	77	74	74	74	73
1	79	75	72	69	77	74	71	68	71	68	66	68	66	64	65	64	62	61
2	71	65	60	56	70	64	59	55	61	57	54	59	56	53	57	54	52	50
3	65	57	51	46	63	56	50	46	54	49	45	52	47	44	50	46	43	42
4	59	50	43	38	57	49	43	38	47	42	38	46	41	37	44	40	37	35
5	54	44	38	33	53	44	37	32	42	36	32	41	36	32	39	35	31	30
6	50	40	33	28	48	39	33	28	38	32	28	36	31	28	35	31	27	26
7	46	36	29	25	45	35	29	24	34	28	24	33	28	24	32	27	24	22
8	43	32	26	22	41	32	26	22	31	25	21	30	25	21	29	25	21	20
9	40	30	23	19	39	29	23	19	28	23	19	27	23	19	27	22	19	18
10	37	27	21	17	36	27	21	17	26	21	17	25	20	17	25	20	17	16

POLAR GRAPH



Maximum Candela = 783.23 Located At Horizontal Angle = 157.5, Vertical Angle = 10  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270)  
# 2 - Vertical Plane Through Horizontal Angles (0 - 180)