

IES INDOOR REPORT
PHOTOMETRIC FILENAME : TRI-I-10-15LED-F05.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] Photopia 2015.0.1
[TESTLAB] TMS LIGHTING INC.
[ISSUEDATE] Jan. 17, 2017
[TESTDATE] Jan. 17, 2017
[MANUFAC] TMS LIGHTING INC.
[LUMCAT] TRISHA PENDANT
[MORE] 10" DIA. RLM REFLECTOR
[MORE] WHITE POLYESTER POWDER COAT ON INNER SURFACE
[LUMINAIRE] TRI-I-10-15LED-F05
[LAMP] CREE 15W LED, CCT 4000K, OPTIC
[LAMPCAT] XP-G GEN2

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1102
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	64
Total Luminaire Watts	17.25
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	0.84
Spacing Criteria (90-270)	0.82
Spacing Criteria (Diagonal)	1.00
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.84 ft (Diameter)
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	7148	6260	5888
55	642	662	682
65	786	829	806
75	976	1057	1080
85	1208	1237	1186

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	586.48	N.A.	53.20
0-40	875.18	N.A.	79.50
0-60	1064.36	N.A.	96.60
0-90	1101.4	N.A.	100.00
90-120	0.12	N.A.	0.00
90-130	0.12	N.A.	0.00
90-150	0.12	N.A.	0.00
90-180	0.12	N.A.	0.00
0-180	1101.52	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	87.76
10-20	212.73
20-30	286.00
30-40	288.70
40-50	164.80
50-60	24.38
60-70	17.16
70-80	14.09
80-90	5.78
90-100	0.12
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

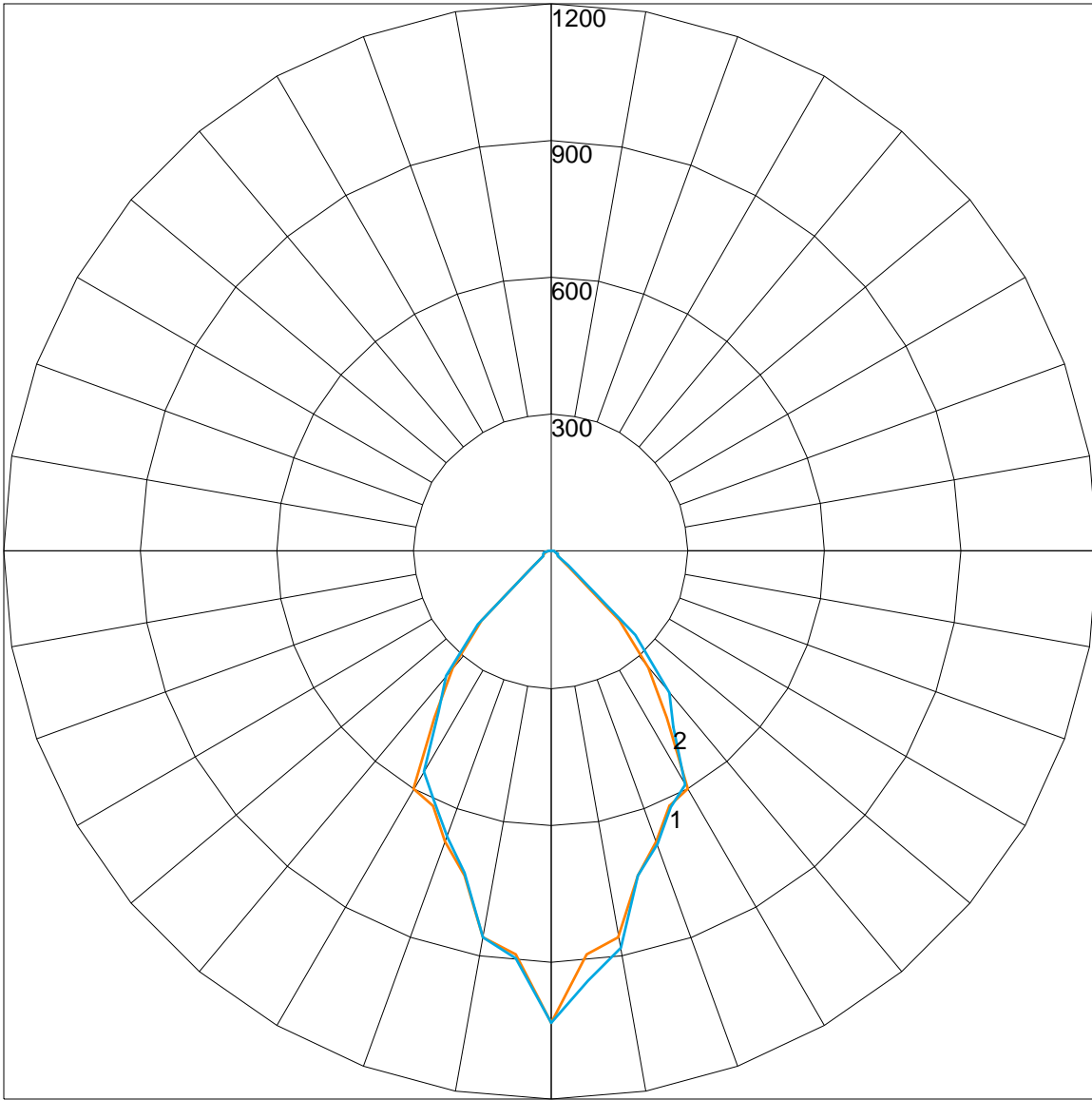
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75
4	93	85	78	73	91	83	78	73	81	76	72	79	75	71	77	73	70	69
5	88	78	71	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63
6	83	72	66	61	81	72	65	60	70	64	60	68	63	60	67	63	59	58
7	78	67	60	56	76	67	60	55	65	59	55	64	59	55	63	58	55	53
8	73	63	56	51	72	62	56	51	61	55	51	60	54	51	59	54	50	49
9	69	59	52	47	68	58	52	47	57	51	47	56	51	47	55	50	47	45
10	66	55	48	44	65	54	48	44	53	48	44	53	47	44	52	47	43	42

POLAR GRAPH



Maximum Candela = 1031.79 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)