

IES INDOOR REPORT
PHOTOMETRIC FILENAME : TRI-I-12-15LED-F05.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] Photopia 2015.0.1
[TESTLAB] TMS LIGHTING INC.
[ISSUE DATE] Sep. 07, 2016
[TEST DATE] Sep. 07, 2016
[MANUFAC] TMS LIGHTING INC.
[LUMCAT] TRISHA PENDANT
[MORE] 12" DIA. RLM REFLECTOR
[MORE] WHITE POLYESTER POWDER COAT FINISH
[LUMINAIRE] TRI-I-12-15LED-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	1124
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	65
Total Luminaire Watts	17.25
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	0.78
Spacing Criteria (90-270)	0.82
Spacing Criteria (Diagonal)	0.98
Basic Luminous Shape	Circular
Luminous Length (0-180)	1.02 ft (Diameter)
Luminous Width (90-270)	1.02 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	4811	4797	4360
55	400	390	399
65	346	312	310
75	391	379	417
85	600	569	528

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	592.93	N.A.	52.80
0-40	873.78	N.A.	77.70
0-60	1102.01	N.A.	98.00
0-90	1123.85	N.A.	100.00
90-120	0.11	N.A.	0.00
90-130	0.11	N.A.	0.00
90-150	0.11	N.A.	0.00
90-180	0.11	N.A.	0.00
0-180	1123.96	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	90.09
10-20	217.54
20-30	285.30
30-40	280.85
40-50	189.79
50-60	38.44
60-70	9.97
70-80	8.14
80-90	3.73
90-100	0.11
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

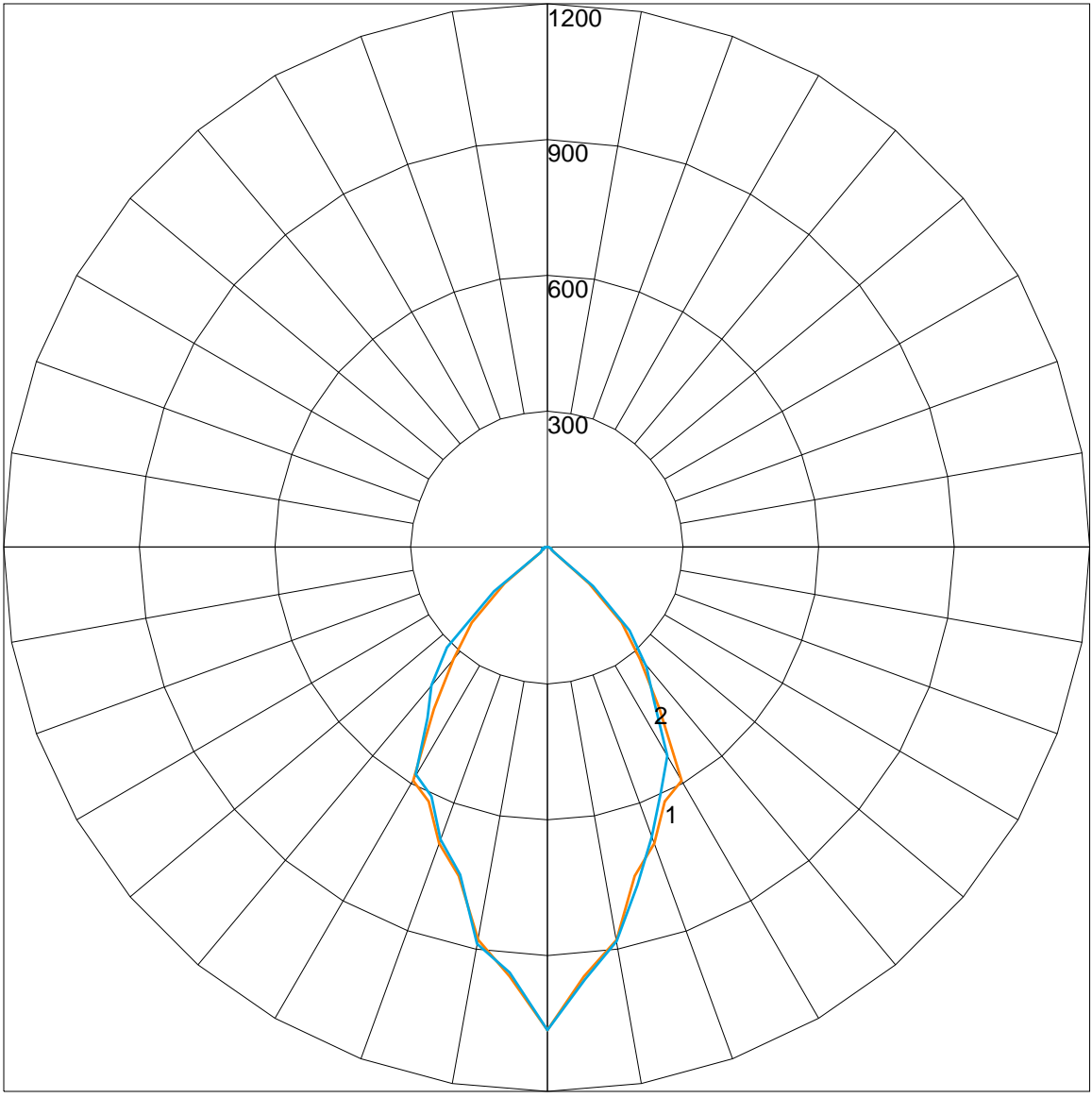
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	92
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83
3	100	92	86	82	97	91	85	81	88	83	80	85	82	79	83	80	77	76
4	93	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	70	69
5	88	78	72	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	66	60	55	65	59	55	64	59	55	63	58	54	53
8	73	63	56	51	72	62	55	51	61	55	51	60	54	50	59	54	50	49
9	69	58	52	47	68	58	51	47	57	51	47	56	51	47	55	50	47	45
10	66	55	48	44	64	54	48	44	53	48	44	52	47	43	52	47	43	42

POLAR GRAPH



Maximum Candela = 1065.76 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)