

IES INDOOR REPORT
PHOTOMETRIC FILENAME : TRI-I-15-15LED-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] TRI-I-15-15LED-F05
[LUMINAIRE] TRISHA PENDANT
[MORE] 15" DIA. RLM REFLECTOR
[MORE] WHITE POWDER COAT FINISH
[LAMP] CREE 15W LED, CCT 4000K
[LAMPCAT] XP-G GEN2

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1083
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	63
Total Luminaire Watts	17.25
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	0.76
Spacing Criteria (90-270)	0.76
Spacing Criteria (Diagonal)	0.96
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	2204	2269	2141
55	366	370	356
65	426	429	429
75	530	522	533
85	576	566	602

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	594.28	N.A.	54.90
0-40	877.94	N.A.	81.00
0-60	1040.01	N.A.	96.00
0-90	1083.09	N.A.	100.00
90-120	0.17	N.A.	0.00
90-130	0.17	N.A.	0.00
90-150	0.17	N.A.	0.00
90-180	0.17	N.A.	0.00
0-180	1083.26	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	92.45
10-20	217.87
20-30	283.95
30-40	283.66
40-50	140.67
50-60	21.41
60-70	20.52
70-80	16.12
80-90	6.44
90-100	0.17
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

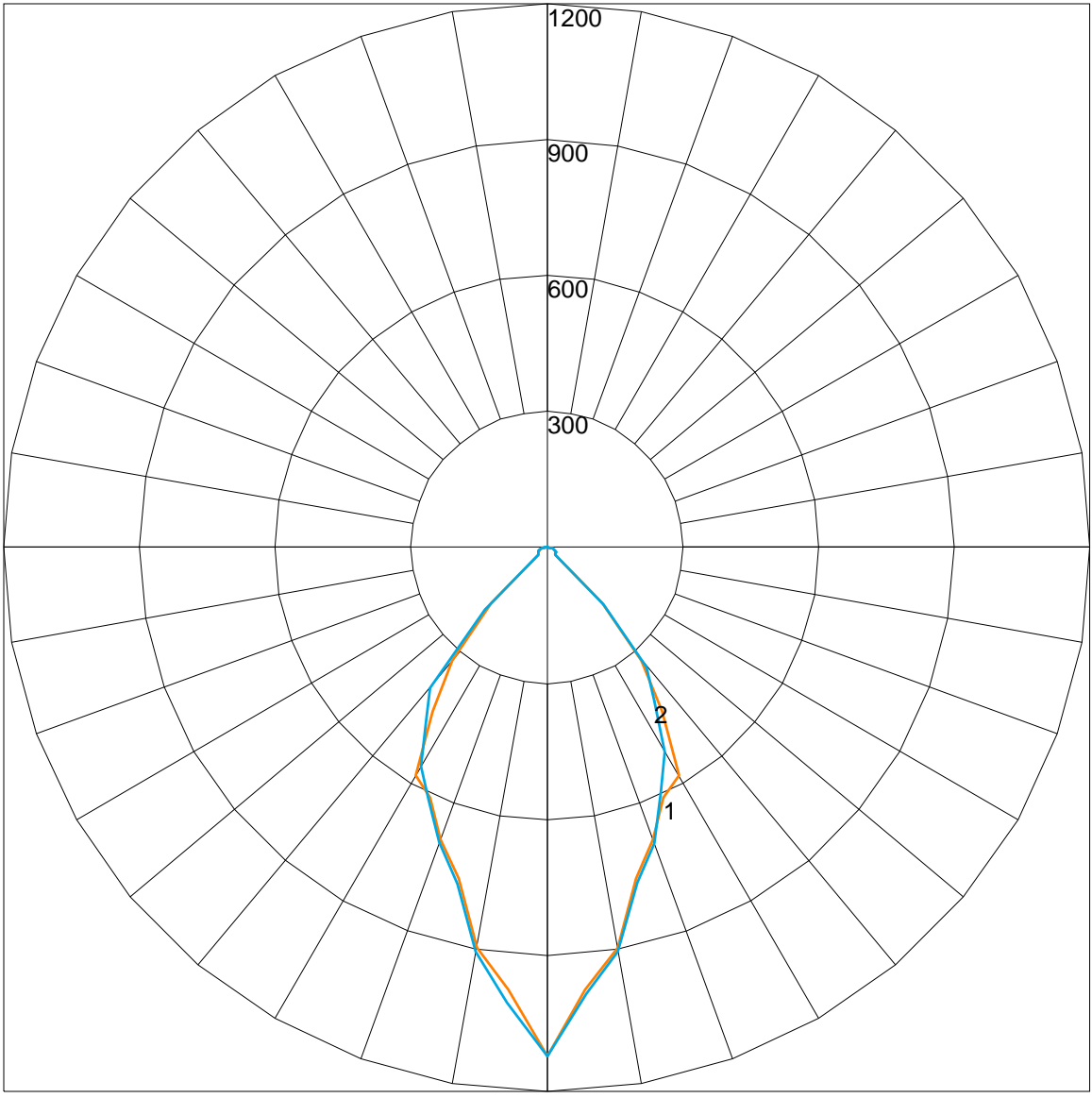
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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
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	92	103	98	94	90	95	92	88	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	94	85	79	74	92	84	78	73	82	76	72	79	75	72	78	74	71	69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58
7	78	68	61	56	77	67	61	56	66	60	56	65	59	56	63	59	55	54
8	74	63	57	52	73	63	56	52	62	56	52	61	55	51	59	55	51	50
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46
10	66	56	49	45	65	55	49	45	54	49	45	53	48	45	53	48	44	43

POLAR GRAPH



Maximum Candela = 1121.4 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)