

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 763TU-84LED-F05-SD.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] Photopia 2015.0.1
[TESTLAB] TMS LIGHTING INC.
[TESTDATE] July 4, 2016
[ISSUEDATE] July 4, 2016
[MANUFAC] TMS LIGHTING INC.
[LUMCAT] 763TU-84LED-F05-SD
[LUMINAIRE] TURM 3 PENDANT
[MORE] 40"L X 20"W 36"H STEEL FRAME
[MORE] WHITE POLYESTER POWDER COAT FINISH
[MORE] SAND-BLASTED WHITE ACRYLIC DIFFUSERS
[LAMP] CREE 84W LED, CCT 3500K
[LAMPCAT] XP-G2

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	9048
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	95
Total Luminaire Watts	95
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criteria (0-180)	N.A.
Spacing Criteria (90-270)	N.A.
Spacing Criteria (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.67 ft
Luminous Width (90-270)	3.33 ft
Luminous Height	3.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	805	661	716
55	849	661	742
65	934	677	764
75	1046	727	833
85	1181	803	957

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	492.92	N.A.	5.40
0-40	900.37	N.A.	10.00
0-60	2068.95	N.A.	22.90
0-90	4554.13	N.A.	50.30
90-120	2671.54	N.A.	29.50
90-130	3367.89	N.A.	37.20
90-150	4210.5	N.A.	46.50
90-180	4493.4	N.A.	49.70
0-180	9047.53	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	49.60
10-20	160.57
20-30	282.75
30-40	407.45
40-50	527.26
50-60	641.33
60-70	748.87
70-80	839.52
80-90	896.78
90-100	921.97
100-110	911.65
110-120	837.92
120-130	696.35
130-140	512.81
140-150	329.80
150-160	183.17
160-170	82.07
170-180	17.66

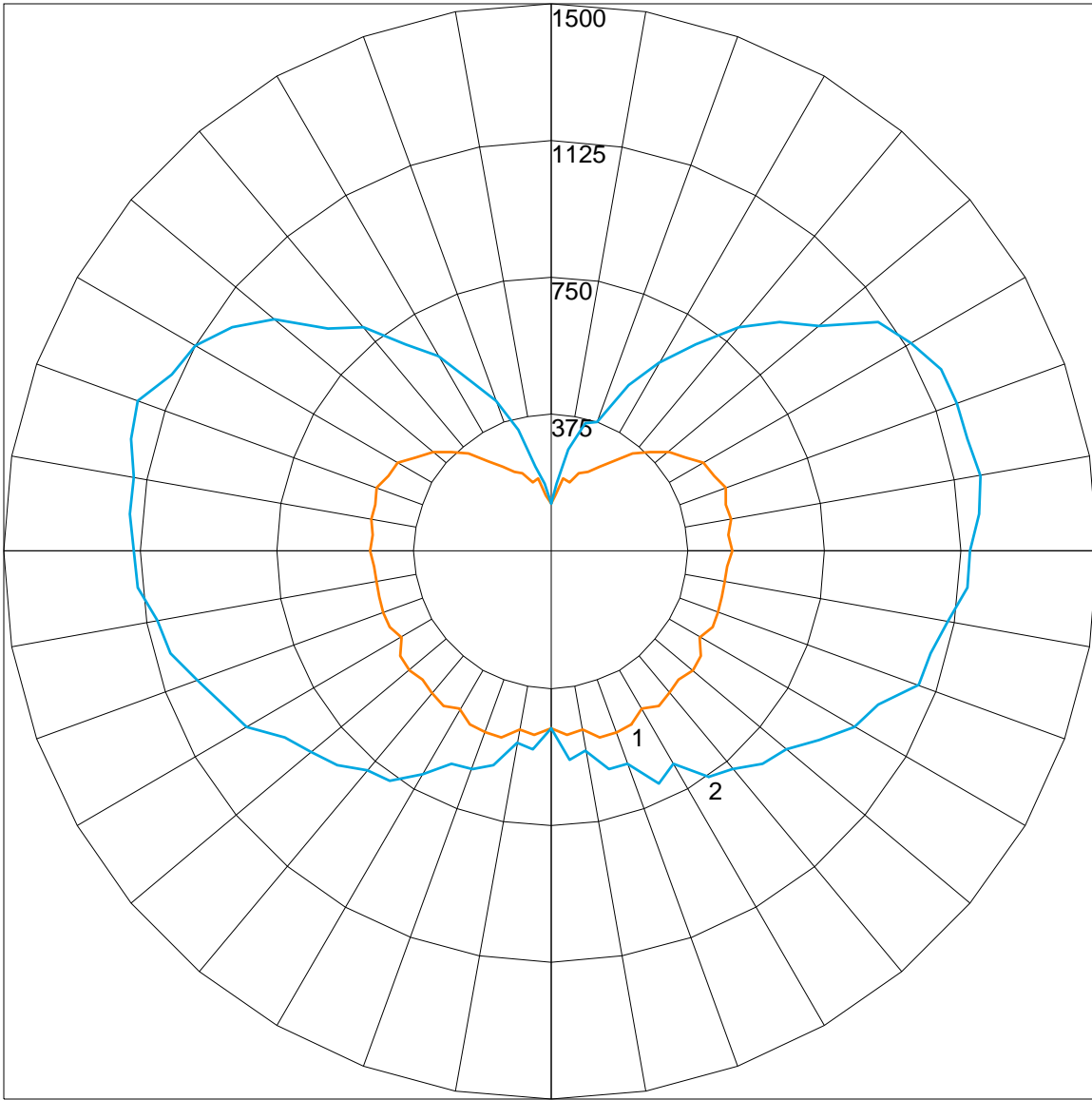
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	107	107	107	107	99	99	99	99	84	84	84	69	69	69	56	56	56	50
1	93	87	81	76	85	79	74	70	66	62	58	54	51	48	42	40	38	32
2	83	73	65	58	75	67	60	54	55	50	45	44	40	36	34	31	28	24
3	75	63	54	46	68	57	49	43	47	41	36	38	33	29	29	26	22	18
4	68	55	45	38	61	50	42	35	41	34	29	33	28	24	25	21	18	14
5	62	48	39	32	56	44	36	29	36	30	24	29	24	20	22	18	15	12
6	56	43	34	27	51	39	31	25	32	26	21	26	21	17	20	16	13	10
7	52	38	29	23	47	35	27	21	29	23	18	23	18	14	18	14	11	8
8	48	35	26	20	44	32	24	19	26	20	16	21	16	13	16	13	10	7
9	45	31	23	18	41	29	21	16	24	18	14	19	15	11	15	11	8	6
10	42	29	21	16	38	26	19	14	22	16	12	18	13	10	14	10	8	5

POLAR GRAPH



Maximum Candela = 1205.63 Located At Horizontal Angle = 180, Vertical Angle = 110
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)