

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 3250DI-30LED-F32.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] Photopia 2015.0.1
[TESTLAB] TMS LIGHTING INC.
[TESTDATE] Apr. 13, 2017
[ISSUEDATE] Apr. 13, 2017
[MANUFAC] TMS LIGHTING INC.
[LUMCAT] 3250DI-30LED-F32
[LUMINAIRE] DIAMANTE ARCHITECTURAL PENDANT
[MORE] 32"H x 12" DIA. BODY WITH VERTICAL SAILS
[MORE] METALLIC BRONZE (F32) POWDER COAT
[MORE] OPAL-WHITE, CYLINDRICAL ACRYLIC DIFFUSER
[LAMP] CREE 30W LED, CCT 4000K
[LAMPCAT] XP-G GEN2

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1792
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	52
Total Luminaire Watts	34.496
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criteria (0-180)	0.82
Spacing Criteria (90-270)	0.80
Spacing Criteria (Diagonal)	0.94
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.98 ft (Diameter)
Luminous Width (90-270)	0.98 ft (Diameter)
Luminous Height	2.68 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1140	1047	1056
55	480	442	478
65	279	295	283
75	279	270	251
85	294	291	260

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	623.08	N.A.	34.80
0-40	901.04	N.A.	50.30
0-60	1207.95	N.A.	67.40
0-90	1418.63	N.A.	79.20
90-120	211.49	N.A.	11.80
90-130	267.68	N.A.	14.90
90-150	343.07	N.A.	19.10
90-180	373.38	N.A.	20.80
0-180	1792.02	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	94.55
10-20	230.26
20-30	298.27
30-40	277.96
40-50	199.14
50-60	107.77
60-70	70.79
70-80	68.29
80-90	71.61
90-100	74.14
100-110	71.99
110-120	65.37
120-130	56.18
130-140	44.01
140-150	31.39
150-160	19.19
160-170	9.33
170-180	1.79

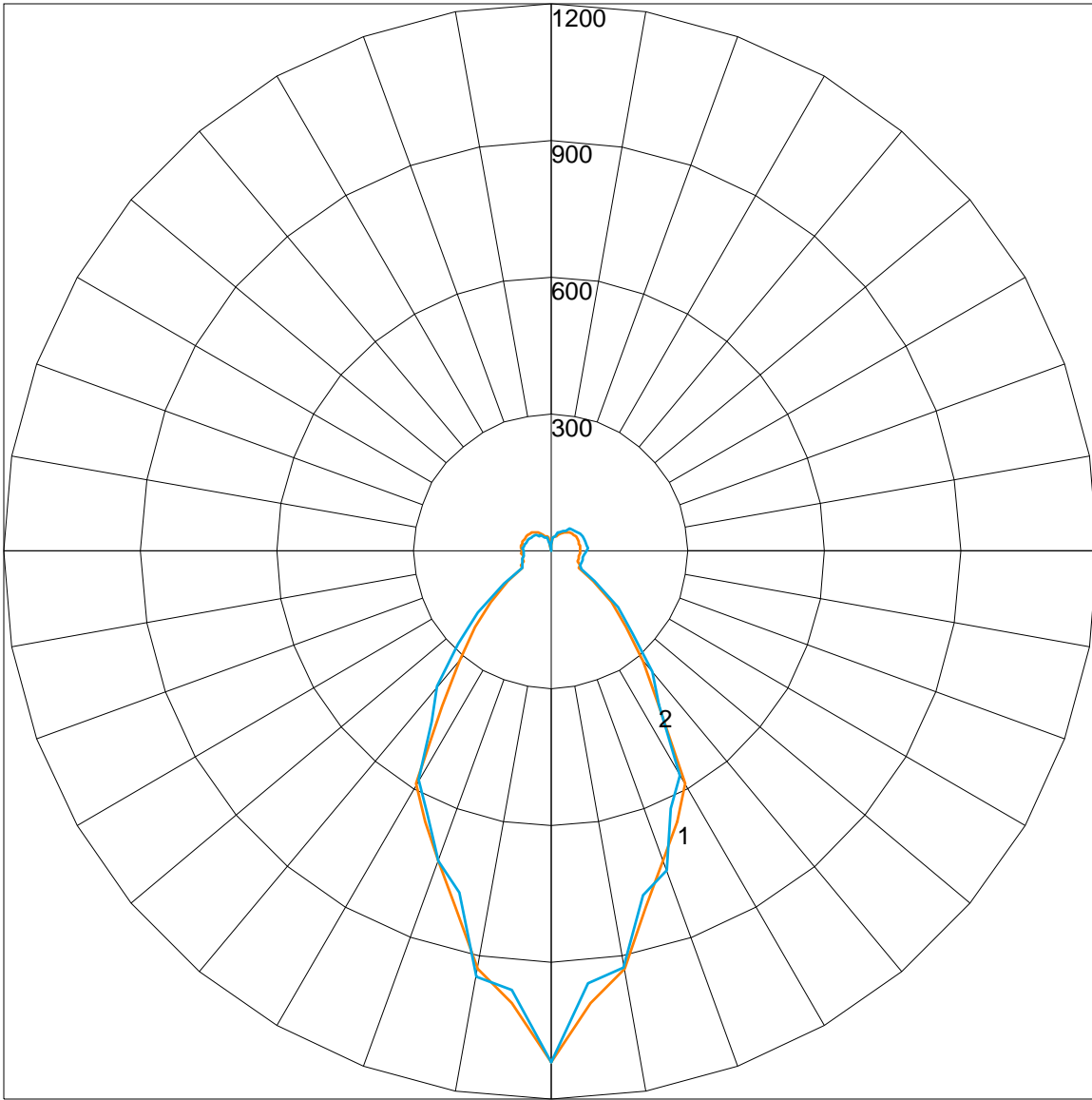
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	114	114	114	114	114	109	109	109	109	100	100	100	91	91	91	83	83	83	79
1	105	100	96	93		100	96	92	89	88	85	83	81	78	76	74	72	71	67
2	97	89	83	78		92	86	80	76	79	75	71	73	69	66	67	64	62	59
3	89	80	73	68		85	77	71	66	71	66	62	66	62	58	61	58	55	52
4	83	73	65	59		79	70	63	58	65	59	55	60	56	52	56	52	49	47
5	77	66	59	53		74	64	57	52	60	54	49	56	51	47	52	48	45	42
6	72	61	53	47		69	59	52	46	55	49	44	51	46	42	48	44	41	38
7	68	56	48	43		65	54	47	42	51	45	40	48	42	39	45	40	37	35
8	63	52	44	39		61	50	43	38	47	41	37	44	39	35	42	37	34	32
9	60	48	41	36		57	46	40	35	44	38	34	41	36	33	39	35	31	30
10	56	44	38	33		54	43	37	32	41	35	31	39	34	30	37	32	29	27

POLAR GRAPH



Maximum Candela = 1119.46 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)