

IES INDOOR REPORT
PHOTOMETRIC FILENAME : EBB-15-15LED-LNS.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] Photopia 2015.0.1
[TESTLAB] TMS LIGHTING INC.
[ISSUE DATE] June 9, 2016
[TEST DATE] June 9, 2016
[MANUFAC] TMS LIGHTING INC.
[LUMCAT] EBB-15-15LED-LNS
[LUMINAIRE] EBBY PENDANT
[MORE] ALUMINUM RLM REFLECTOR 15.5 IN. DIA.
[MORE] INNER SURFACE FINISHED WITH WHITE POLYESTER POWDER COAT
[MORE] CLEAR FLAT LENS
[LAMP] CREE 15W LED, WITH OPTIC
[LAMP CAT] XP-G2

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1086
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)	0.78
Spacing Criteria (90-270)	0.78
Spacing Criteria (Diagonal)	0.94
Basic Luminous Shape	Circular
Luminous Length (0-180)	1.29 ft (Diameter)
Luminous Width (90-270)	1.29 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	2872	2561	2448
55	1141	1033	1116
65	379	398	430
75	86	83	88
85	19	20	18

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	556.26	N.A.	51.20
0-40	813.67	N.A.	74.90
0-60	1061.13	N.A.	97.70
0-90	1086.16	N.A.	100.00
90-120	0.11	N.A.	0.00
90-130	0.11	N.A.	0.00
90-150	0.12	N.A.	0.00
90-180	0.14	N.A.	0.00
0-180	1086.3	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	86.57
10-20	205.37
20-30	264.31
30-40	257.41
40-50	174.97
50-60	72.49
60-70	20.45
70-80	4.27
80-90	0.31
90-100	0.03
100-110	0.06
110-120	0.02
120-130	0.00
130-140	0.00
140-150	0.01
150-160	0.01
160-170	0.00
170-180	0.00

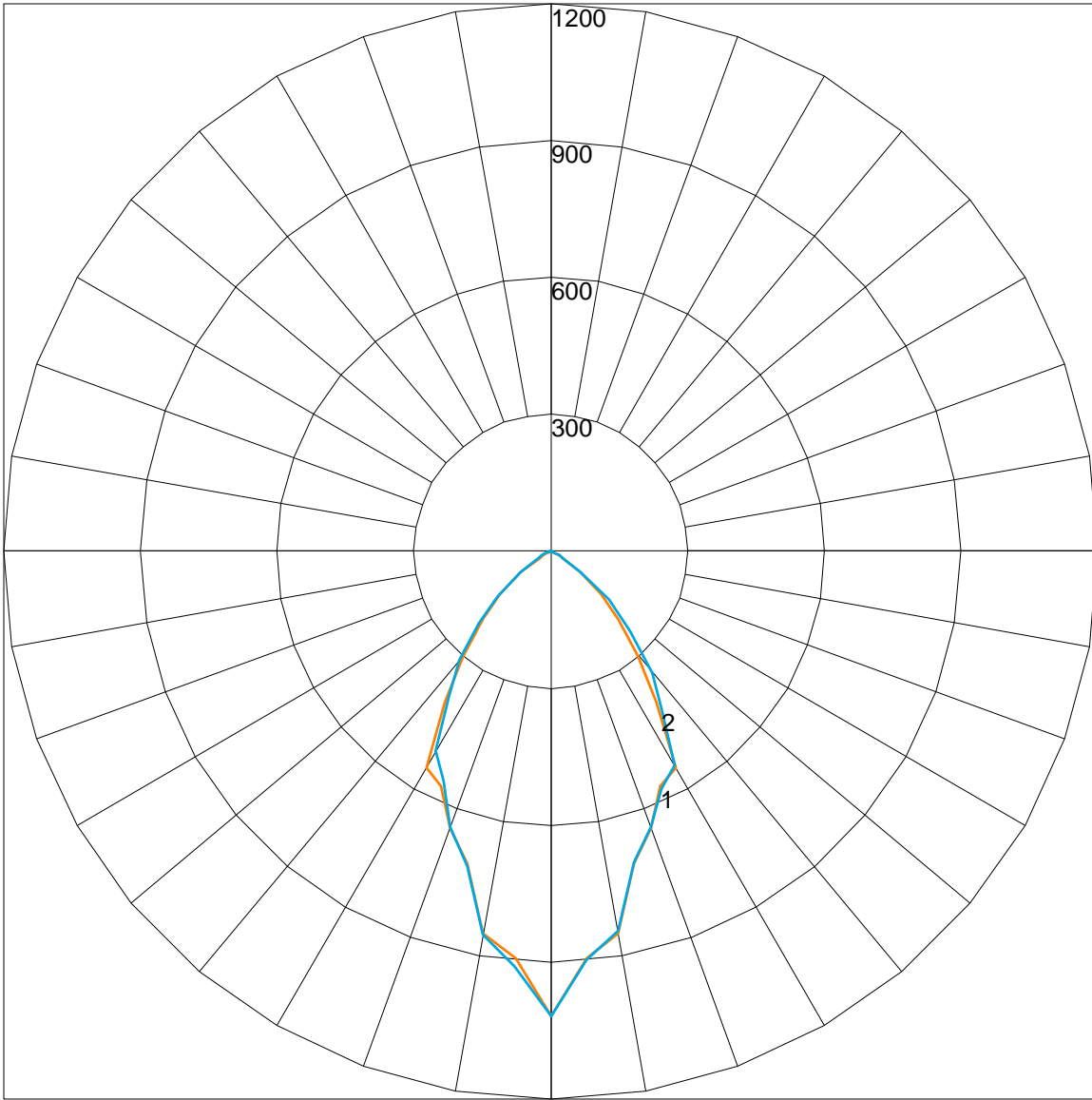
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	84	83
3	99	91	86	81	97	90	85	80	87	83	79	85	81	78	82	79	76	75
4	93	84	77	72	91	83	77	72	80	75	71	78	74	70	76	73	69	68
5	87	77	70	65	85	76	70	65	74	69	64	73	68	64	71	67	63	62
6	82	71	64	59	80	71	64	59	69	63	59	67	62	58	66	61	58	56
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	62	57	53	52
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44
10	65	54	47	43	64	53	47	43	52	46	42	51	46	42	51	46	42	41

POLAR GRAPH



Maximum Candela = 1019.78 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Vertical Plane Through Horizontal Angles (0 - 180)