

IES INDOOR REPORT**PHOTOMETRIC FILENAME : DHH1115GV-180L40KEX-MB.IES****DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002

[TESTLAB] Photopia 3.2.11 see: www.ltioptics.com/ies

[ISSUEDATE]

[TEST] SP-00011_22

[TESTDATE] Mar 13 2014

[UPDATE] 12/11/2018

[MANUFAC] Spectrum Lighting

[LUMCAT] DHH1115GV-180L-40K-EX-MB

[LUMINAIRE] Lumen Max Performance Pendant, matte black finish

[LAMP] N/A

[LAMPCAT] N/A

[OTHER] Total Luminaire Watts is approximate

[OTHER] Output multiplier for other color temperatures: x 0.944 for 3500K, 3000K, and 2700K

[OTHER] This report prepared by Spectrum Lighting

[CRI] 85+

[CCTMULT] 0.944 for 27K, 30K and 35K

[LAMPMULT] 110L x 0.75, 150L x 0.81

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	14651
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
Total Luminaire Watts	116
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.98 ft
Luminous Width (90-270)	0.98 ft
Luminous Height	0.00 ft

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	61963	62370	61402
55	54075	53540	53979
65	37033	34203	36982
75	11460	13607	11353
85	0	0	0

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CANDELA TABULATION

	<u>0</u>	<u>45</u>	<u>90</u>
0	5728.45	5728.45	5728.45
5	5763.85	5738.69	5750.88
10	5690.04	5772.43	5720.24
15	5587.03	5591.12	5551.28
20	5395.15	5450.69	5484.68
25	5237.41	5227.67	5219.82
30	4997.93	5016.96	4994.95
35	4695.96	4737.70	4708.70
40	4331.73	4387.58	4326.98
45	3912.96	3938.70	3877.51
50	3373.15	3390.89	3369.92
55	2770.00	2742.56	2765.07
60	2082.36	1988.40	2094.48
65	1397.75	1290.93	1395.82
70	720.94	800.94	726.26
75	264.89	314.52	262.43
80	10.28	4.44	11.68
85	0.00	0.00	0.00
90	0.00	0.00	0.00

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2128.2	N.A.	14.50
0-30	4542.87	N.A.	31.00
0-40	7489.88	N.A.	51.10
0-60	12939.07	N.A.	88.30
0-80	14648.81	N.A.	100.00
0-90	14650.91	N.A.	100.00
10-90	14102.79	N.A.	96.30
20-40	5361.68	N.A.	36.60
20-50	8368.65	N.A.	57.10
40-70	6804.71	N.A.	46.40
60-80	1709.74	N.A.	11.70
70-80	354.22	N.A.	2.40
80-90	2.09	N.A.	0.00
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	14650.91	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	548.12
10-20	1580.08
20-30	2414.68
30-40	2947.00
40-50	3006.97
50-60	2442.22
60-70	1355.52
70-80	354.22
80-90	2.09
90-100	0.00
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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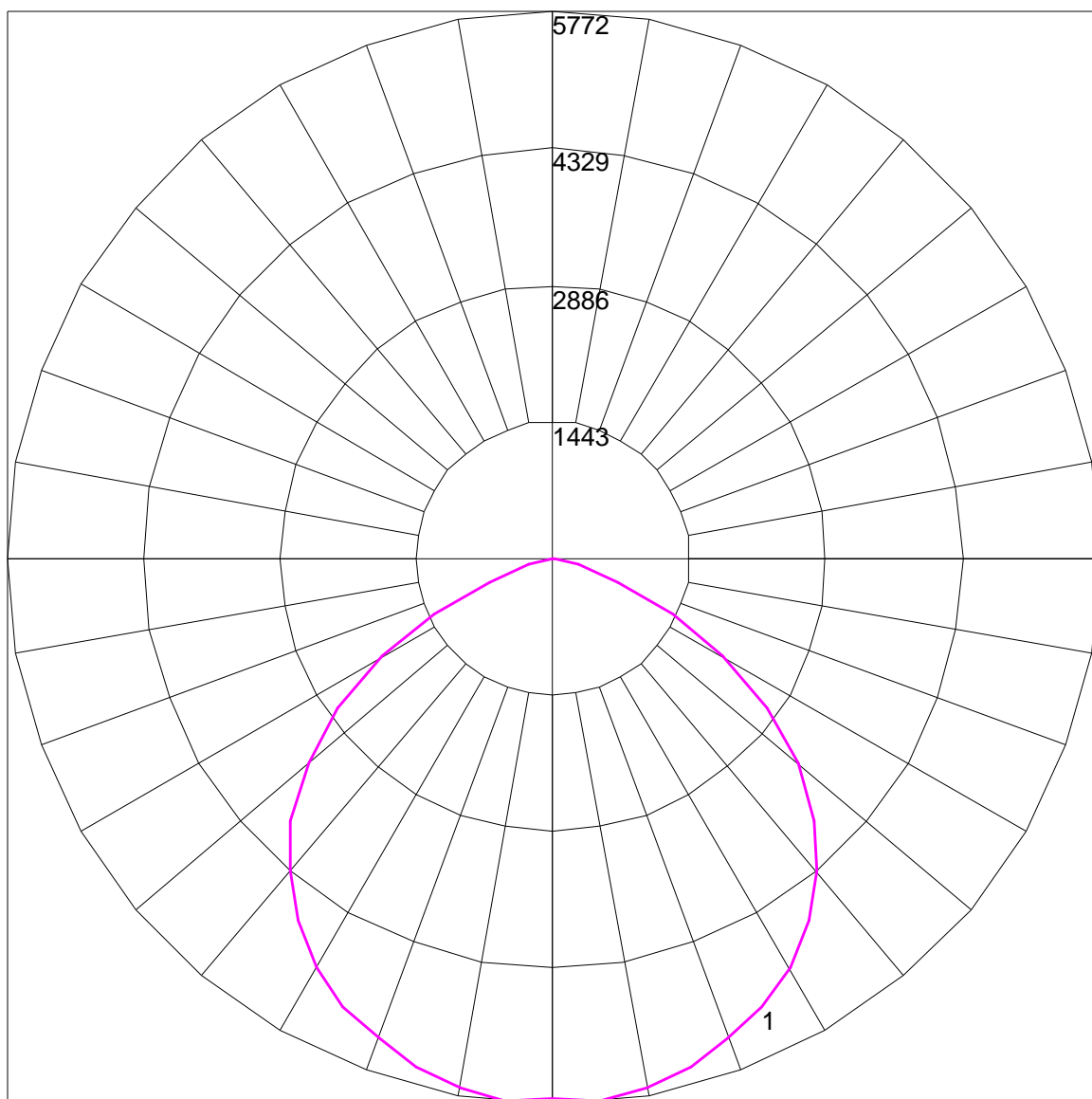
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	111	106	103	100	108	104	101	98	100	97	95	96	94	92	93	91	89	87
2	102	94	88	83	99	92	87	82	89	84	80	86	82	79	83	80	77	75
3	93	84	76	70	91	82	75	70	79	73	68	76	71	67	74	70	66	64
4	86	75	66	60	83	73	66	60	71	64	59	69	63	58	66	62	57	55
5	79	67	58	52	77	66	58	52	64	57	51	62	56	51	60	55	50	48
6	73	60	52	46	71	59	51	46	58	50	45	56	50	45	54	49	44	42
7	68	55	46	41	66	54	46	40	52	45	40	51	45	40	50	44	40	38
8	63	50	42	36	61	49	42	36	48	41	36	47	40	36	46	40	35	34
9	59	46	38	33	57	45	38	33	44	37	32	43	37	32	42	36	32	30
10	55	42	35	30	54	42	34	29	41	34	29	40	34	29	39	33	29	27

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POLAR GRAPH



Maximum Candela = 5772.43 Located At Horizontal Angle = 45, Vertical Angle = 10
1 - Vertical Plane Through Horizontal Angles (0 - 180)