



IES INDOOR REPORT
PHOTOMETRIC FILENAME : DSS V2 6 MD 12 SW 9SEL.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TESTLAB] EVERFINE
[TESTDATE] 2022-6-8
[ISSUE DATE] 2022-06-14 11:27:18
[LAMP POSITION] 0,0
[OTHER] EVERFINE GO-2000B_V1 SYSTEM
[MANUFAC] LumenFocus, LLC.
[LUMCAT] DSS v2 6 MD 12 SW 9SEL
[LUMINAIRE] LED 6IN CCT-SELECT SLIM DOWNLIGHT/15W/27-50K/DIMM/120V

CHARACTERISTICS

Lumens Per Lamp	1094.9 (1 lamp)
Total Lamp Lumens	1094.9
Luminaire Lumens	1095
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	74
Total Luminaire Watts	14.85
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.42 ft (Diameter)
Luminous Width (90-270)	0.42 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	28169	28034	27986
55	27300	27062	27086
65	26019	25709	25818
75	23365	23385	24092
85	14418	17089	16740

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	136.67	12.50	12.50
0-30	290.70	26.60	26.50
0-40	476.90	43.60	43.60
0-60	846.49	77.30	77.30
0-80	1064.87	97.30	97.30
0-90	1086.15	99.20	99.20
10-90	1050.84	96.00	96.00
20-40	340.23	31.10	31.10
20-50	533.85	48.80	48.80
40-70	506.30	46.20	46.20
60-80	218.39	19.90	19.90
70-80	81.68	7.50	7.50
80-90	21.28	1.90	1.90
90-110	2.56	0.20	0.20
90-120	3.83	0.30	0.30
90-130	5.08	0.50	0.50
90-150	7.26	0.70	0.70
90-180	8.77	0.80	0.80
110-180	6.21	0.60	0.60
0-180	1094.92	100.00	100.00

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	35.32
10-20	101.35
20-30	154.03
30-40	186.20
40-50	193.62
50-60	175.97
60-70	136.71
70-80	81.68
80-90	21.28
90-100	1.27
100-110	1.28
110-120	1.27
120-130	1.25
130-140	1.17
140-150	1.01
150-160	0.80
160-170	0.52
170-180	0.19

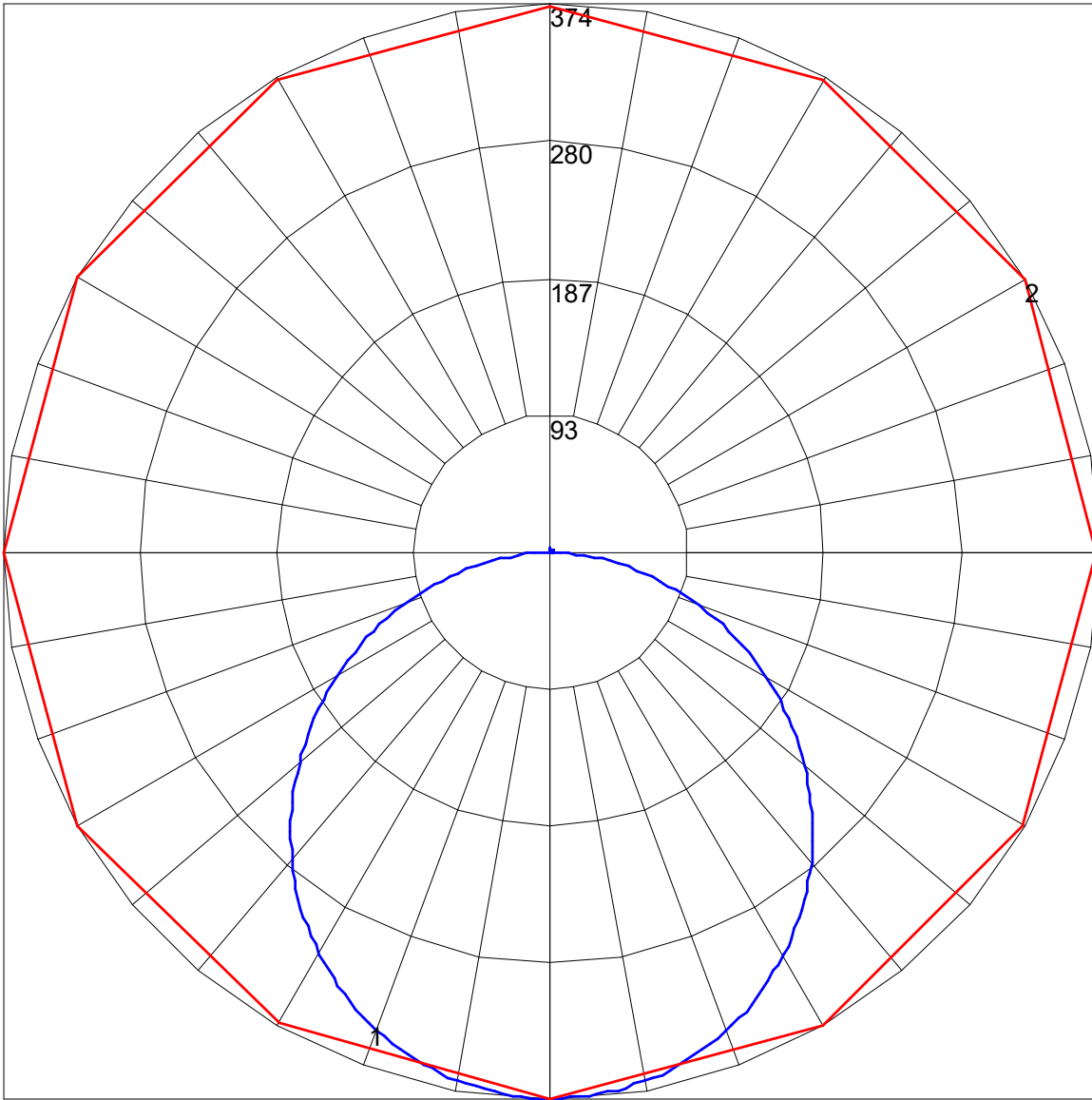
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	101	101	101	99
1	108	103	99	95	106	101	97	94	97	93	90	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	84	79	74	81	76	72	78	74	71	68
3	90	79	71	64	87	77	69	63	74	67	62	71	66	61	68	64	60	57
4	82	70	61	54	79	68	60	54	66	58	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	36	63	50	41	35	48	41	35	47	40	35	45	39	35	32
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	42	35	31	29
9	56	42	34	29	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	39	31	26	37	30	26	36	30	25	36	30	25	24

POLAR GRAPH



Maximum Candela = 373.92 Located At Horizontal Angle = 150, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (150 - 330) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)