



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : DLS V2 8 SEL UV SW 9SEL [HI,927].IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 20211007m  
[TESTLAB] EVERFINE  
[TESTDATE] 2021-09-28  
[ISSUEDATE] 2021-10-08 11:19:57  
[NEARFIELD]  
[LAMPPOSITION] 0,0  
[OTHER] EVERFINE GO-2000B\_V1 SYSTEM  
[MANUFAC] LumenFocus, LLC.  
[LUMINAIRE] LED 8" Can - 30W/27K/Dim/100-277V  
[LUMCAT] DLS v2 8 SEL UV SW 9SEL [HI/927]

### CHARACTERISTICS

Lumens Per Lamp	2440.7 (1 lamp)
Total Lamp Lumens	2440.7
Luminaire Lumens	2441
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	84
Total Luminaire Watts	28.9
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.20
Spacing Criterion (Diagonal)	1.28
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.19 m (Diameter)
Luminous Width (90-270)	0.19 m (Diameter)
Luminous Height	0.00 m

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	32157	33605	33989
55	24786	27013	27714
65	15686	18156	19268
75	6812	8532	9589
85	3355	5104	6234

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	406.16	16.60	16.60
0-30	844.77	34.60	34.60
0-40	1345.09	55.10	55.10
0-60	2163.33	88.60	88.60
0-80	2406.74	98.60	98.60
0-90	2418.28	99.10	99.10
10-90	2311.98	94.70	94.70
20-40	938.94	38.50	38.50
20-50	1410.83	57.80	57.80
40-70	1002.71	41.10	41.10
60-80	243.41	10.00	10.00
70-80	58.94	2.40	2.40
80-90	11.54	0.50	0.50
90-110	2.76	0.10	0.10
90-120	5.44	0.20	0.20
90-130	8.85	0.40	0.40
90-150	16.30	0.70	0.70
90-180	22.40	0.90	0.90
110-180	19.65	0.80	0.80
0-180	2440.68	100.00	100.00

Total Luminaire Efficiency = 100.00%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	106.30
10-20	299.85
20-30	438.62
30-40	500.32
40-50	471.90
50-60	346.34
60-70	184.48
70-80	58.94
80-90	11.54
90-100	0.97
100-110	1.78
110-120	2.68
120-130	3.41
130-140	3.77
140-150	3.68
150-160	3.15
160-170	2.17
170-180	0.78

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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	101	101	101	99
1	110	107	103	100	108	104	101	98	100	97	95	96	94	92	92	91	89	87
2	102	95	89	84	99	93	88	83	89	85	81	86	82	79	83	80	77	75
3	94	85	77	72	91	83	76	71	80	74	70	77	72	68	75	71	67	65
4	87	76	68	62	84	75	67	62	72	66	61	70	64	60	67	63	59	57
5	80	68	60	54	78	67	60	54	65	58	53	63	57	53	61	56	52	50
6	74	62	54	48	72	61	53	48	59	52	47	58	51	47	56	51	46	44
7	69	57	49	43	67	56	48	43	54	47	42	53	47	42	51	46	42	40
8	65	52	44	39	63	51	44	38	50	43	38	49	42	38	47	42	38	36
9	60	48	40	35	59	47	40	35	46	39	35	45	39	34	44	38	34	32
10	57	44	37	32	55	44	37	32	43	36	32	42	36	31	41	35	31	30

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**UGR TABLE - CORRECTED**

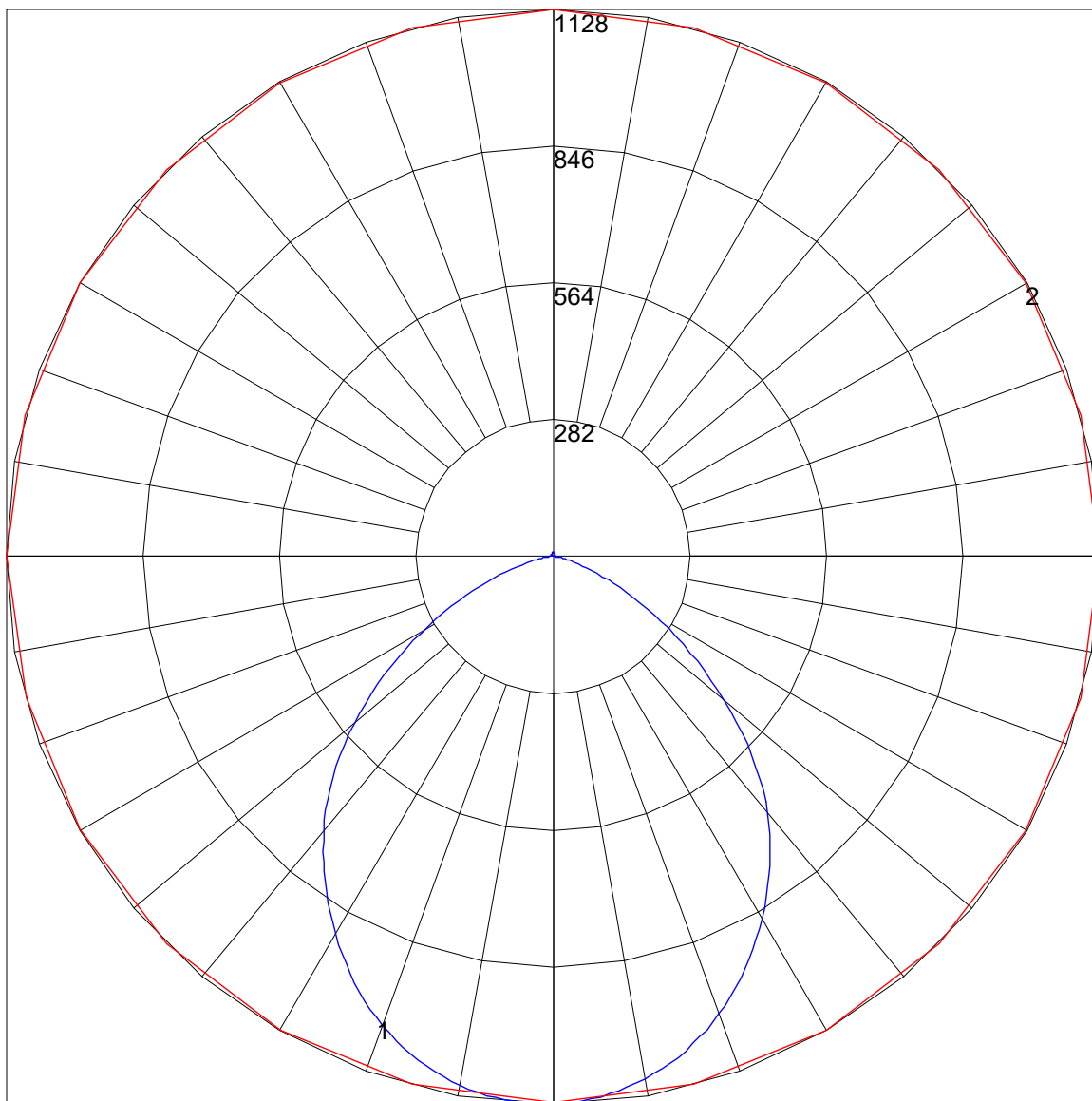
Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	21.6	23.1	22.0	23.4	23.8	22.4	23.8	22.8	24.2	24.5
	3H	22.3	23.6	22.7	24.0	24.4	23.3	24.6	23.7	24.9	25.3
	4H	22.5	23.7	22.9	24.0	24.4	23.5	24.7	23.9	25.0	25.4
	6H	22.4	23.6	22.9	24.0	24.4	23.5	24.6	23.9	25.0	25.4
	8H	22.5	23.5	22.9	23.9	24.4	23.5	24.6	23.9	25.0	25.4
	12H	22.4	23.4	22.9	23.9	24.3	23.5	24.5	23.9	24.9	25.4
4H	2H	21.9	23.2	22.4	23.5	23.9	22.7	23.9	23.1	24.3	24.7
	3H	22.8	23.8	23.2	24.2	24.6	23.7	24.7	24.1	25.1	25.6
	4H	22.9	23.8	23.4	24.2	24.7	23.9	24.8	24.4	25.3	25.7
	6H	23.0	23.7	23.4	24.2	24.7	24.0	24.8	24.5	25.3	25.7
	8H	23.0	23.7	23.4	24.1	24.6	24.0	24.8	24.5	25.2	25.7
	12H	23.0	23.6	23.5	24.1	24.6	24.1	24.7	24.6	25.2	25.7
8H	4H	22.9	23.6	23.4	24.1	24.6	23.9	24.7	24.4	25.1	25.6
	6H	23.0	23.6	23.5	24.1	24.6	24.1	24.6	24.6	25.2	25.7
	8H	23.0	23.5	23.5	24.1	24.6	24.1	24.6	24.6	25.2	25.7
	12H	23.0	23.5	23.6	24.0	24.6	24.1	24.6	24.7	25.1	25.7
12H	4H	22.9	23.5	23.4	24.0	24.5	23.9	24.6	24.4	25.1	25.6
	6H	23.0	23.5	23.5	24.0	24.6	24.0	24.6	24.6	25.0	25.6
	8H	23.0	23.5	23.5	24.0	24.6	24.1	24.6	24.6	25.1	25.7

Maximum UGR = 25.7

POLAR GRAPH



Maximum Candela = 1128 Located At Horizontal Angle = 105, Vertical Angle = 1  
# 1 - Vertical Plane Through Horizontal Angles (105 - 285) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)