



## IES INDOOR REPORT

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

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] 20211007f  
[TESTLAB] EVERFINE  
[TESTDATE] 2021-10-07  
[ISSUEDATE] 2021-10-08 10:51:18  
[NEARFIELD]  
[LAMPPOSITION] 0,0  
[OTHER] EVERFINE GO-2000B\_V1 SYSTEM  
[MANUFAC] LumenFocus, LLC.  
[LUMINAIRE] LED 8" Can - 20W/27K/Dim/100-277V  
[LUMCAT] DLS v2 8 SEL UV SW 9SEL [MD/927]

### CHARACTERISTICS

Lumens Per Lamp	1707.2 (1 lamp)
Total Lamp Lumens	1707.2
Luminaire Lumens	1707
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	91
Total Luminaire Watts	18.8
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	22528	23359	23531
55	17384	18731	19092
65	11068	12507	13155
75	4790	5795	6396
85	2387	3437	4097

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	284.09	16.60	16.60
0-30	590.84	34.60	34.60
0-40	940.76	55.10	55.10
0-60	1513.43	88.60	88.70
0-80	1683.67	98.60	98.60
0-90	1691.71	99.10	99.10
10-90	1617.36	94.70	94.70
20-40	656.67	38.50	38.50
20-50	986.82	57.80	57.80
40-70	701.84	41.10	41.10
60-80	170.24	10.00	10.00
70-80	41.07	2.40	2.40
80-90	8.04	0.50	0.50
90-110	1.86	0.10	0.10
90-120	3.70	0.20	0.20
90-130	6.06	0.40	0.40
90-150	11.23	0.70	0.70
90-180	15.48	0.90	0.90
110-180	13.62	0.80	0.80
0-180	1707.19	100.00	100.00

Total Luminaire Efficiency = 100.00%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	74.36
10-20	209.73
20-30	306.75
30-40	349.92
40-50	330.15
50-60	242.51
60-70	129.17
70-80	41.07
80-90	8.04
90-100	0.64
100-110	1.22
110-120	1.84
120-130	2.36
130-140	2.61
140-150	2.55
150-160	2.19
160-170	1.51
170-180	0.55

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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

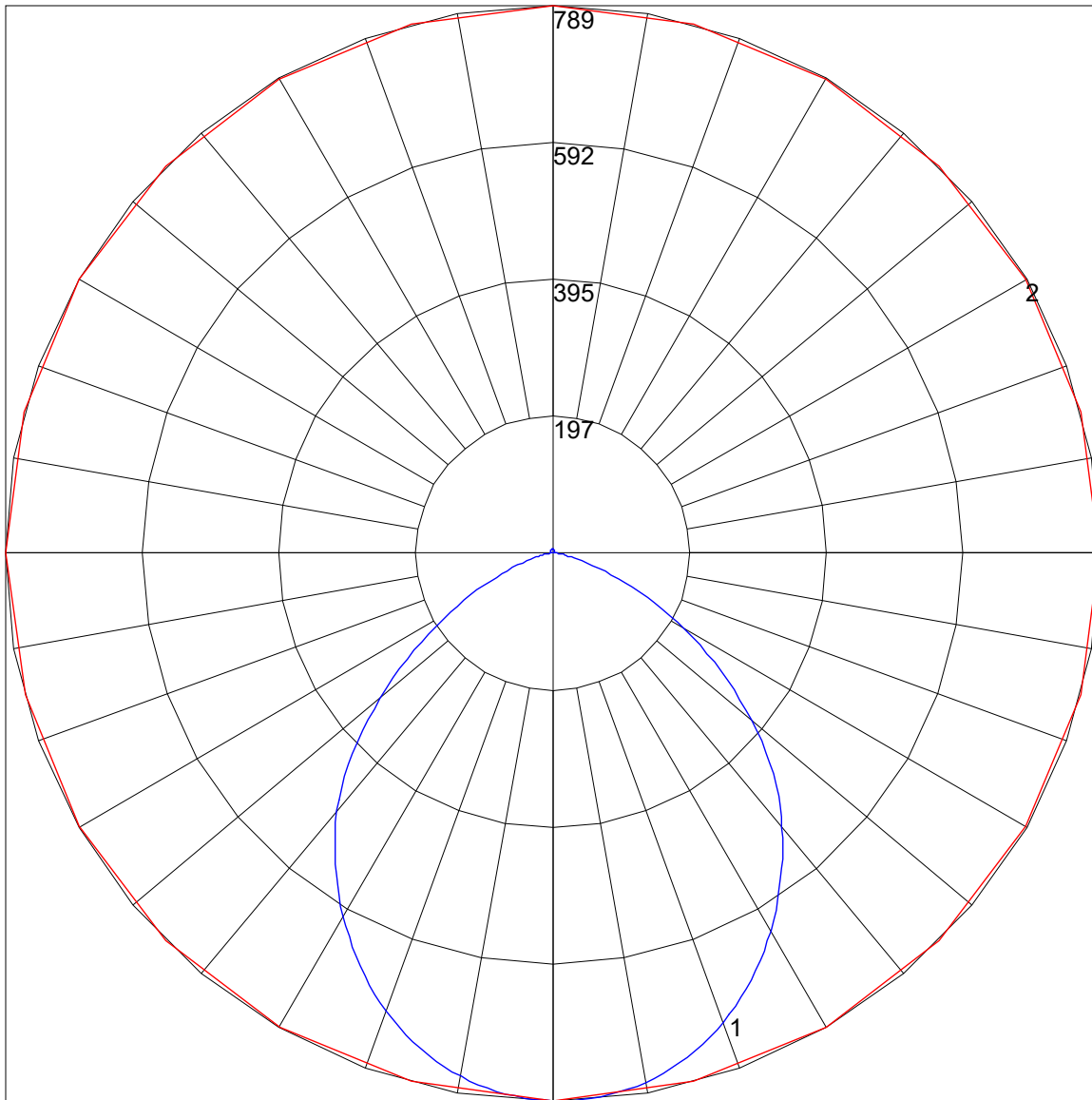
### Reflectances

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	20.4	21.9	20.8	22.2	22.6	21.1	22.5	21.5	22.9	23.2
	3H	21.2	22.5	21.6	22.8	23.2	22.0	23.3	22.4	23.6	24.0
	4H	21.3	22.5	21.7	22.9	23.3	22.1	23.3	22.5	23.7	24.1
	6H	21.3	22.4	21.7	22.8	23.2	22.1	23.3	22.6	23.7	24.1
	8H	21.3	22.3	21.7	22.8	23.2	22.2	23.2	22.6	23.6	24.1
	12H	21.3	22.3	21.7	22.7	23.1	22.1	23.2	22.6	23.6	24.0
4H	2H	20.8	22.0	21.2	22.3	22.8	21.4	22.6	21.8	23.0	23.4
	3H	21.6	22.6	22.0	23.0	23.4	22.4	23.4	22.8	23.8	24.2
	4H	21.7	22.6	22.2	23.1	23.5	22.6	23.5	23.1	23.9	24.4
	6H	21.8	22.6	22.3	23.0	23.5	22.7	23.5	23.2	23.9	24.4
	8H	21.8	22.5	22.3	23.0	23.5	22.7	23.4	23.2	23.9	24.4
	12H	21.8	22.4	22.3	22.9	23.4	22.7	23.3	23.2	23.8	24.3
8H	4H	21.7	22.5	22.2	22.9	23.4	22.6	23.3	23.1	23.8	24.3
	6H	21.8	22.4	22.3	22.9	23.4	22.7	23.3	23.2	23.8	24.3
	8H	21.8	22.4	22.4	22.9	23.4	22.7	23.3	23.3	23.8	24.3
	12H	21.8	22.3	22.4	22.8	23.4	22.8	23.2	23.3	23.8	24.4
12H	4H	21.7	22.4	22.2	22.9	23.3	22.6	23.2	23.1	23.7	24.2
	6H	21.8	22.3	22.3	22.8	23.4	22.7	23.2	23.2	23.7	24.3
	8H	21.8	22.3	22.4	22.8	23.4	22.7	23.2	23.3	23.7	24.3

Maximum UGR = 24.4

POLAR GRAPH



Maximum Candela = 789 Located At Horizontal Angle = 90, Vertical Angle = 1  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)