IES INDOOR REPORT
PHOTOMETRIC FILENAME : DLS V2 6 SEL UV SW 9SEL [MD,950].IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] JG202002002Z
[TESTLAB] JIAOGUANG
[TESTDATE] 2020-10-08
[ISSUEDATE] 2021-10-08 15:58:52
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-2000B_V1 SYSTEM
[MANUFAC] LumenFocus, LLC.
[LUMINAIRE] LED 6" Can - 15W/50K/Dim/100-277V
[LUMCAT] DLS v2 6 SEL UV SW 9SEL [MD,950]

CHARACTERISTICS

Lumens Per Lamp	1384 (1 lamp)
Total Lamp Lumens	1384
Luminaire Lumens	1384
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	89
Total Luminaire Watts	15.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.20
Spacing Criterion (Diagonal)	1.28
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.15 m (Diameter)
Luminous Width (90-270)	0.15 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	28296	28584	28596
55	19916	21249	21370
65	11732	13538	13887
75	5103	6261	6880
85	2031	2985	3920

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	235.61	17.00	17.00
0-30	493.23	35.60	35.60
0-40	787.67	56.90	56.90
0-60	1240.49	89.60	89.60
0-80	1365.81	98.70	98.70
0-90	1371.47	99.10	99.10
10-90	1310.1	94.70	94.70
20-40	552.06	39.90	39.90
20-50	820.48	59.30	59.30
40-70	547.30	39.50	39.50
60-80	125.32	9.10	9.10
70-80	30.85	2.20	2.20
80-90	5.66	0.40	0.40
90-110	1.49	0.10	0.10
90-120	2.98	0.20	0.20
90-130	4.88	0.40	0.40
90-150	9.08	0.70	0.70
90-180	12.57	0.90	0.90
110-180	11.08	0.80	0.80
0-180	1384.04	100.00	100.00

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	61.37
10-20	174.24
20-30	257.62
30-40	294.44
40-50	268.42
50-60	184.41
60-70	94.47
70-80	30.85
80-90	5.66
90-100	0.52
100-110	0.97
110-120	1.49
120-130	1.90
130-140	2.12
140-150	2.08
150-160	1.79
160-170	1.25
170-180	0.45

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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	111	107	103	100	108	104	101	98	100	98	95	96	94	92	92	91	89	87
2	102	95	90	85	100	93	88	84	90	85	82	86	83	80	83	80	78	76
3	94	85	78	73	92	84	77	72	81	75	71	78	73	69	75	71	68	66
4	87	77	69	63	85	75	68	62	73	66	62	70	65	61	68	64	60	58
5	81	69	61	55	79	68	61	55	66	59	54	64	58	54	62	57	53	51
6	75	63	55	49	73	62	54	49	60	53	48	58	52	48	57	51	47	45
7	70	57	49	44	68	57	49	44	55	48	43	54	47	43	52	47	42	41
8	65	53	45	39	64	52	44	39	51	44	39	49	43	39	48	43	38	37
9	61	49	41	36	60	48	41	36	47	40	35	46	40	35	45	39	35	33
10	57	45	37	33	56	44	37	32	43	37	32	42	36	32	41	36	32	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	20.5	21.9	20.9	22.3	22.6	21.0	22.4	21.3	22.7	23.1
	3H	21.1	22.4	21.5	22.8	23.1	21.8	23.1	22.2	23.4	23.8
	4H	21.2	22.4	21.6	22.8	23.2	21.9	23.1	22.3	23.5	23.9
	6H	21.2	22.3	21.7	22.7	23.1	22.0	23.1	22.4	23.5	23.9
	8H	21.2	22.3	21.7	22.7	23.1	22.0	23.0	22.4	23.4	23.8
	12H	21.2	22.2	21.6	22.6	23.0	21.9	22.9	22.4	23.4	23.8
4H	2H	20.8	22.0	21.3	22.4	22.8	21.2	22.4	21.7	22.8	23.2
	3H	21.6	22.5	22.0	23.0	23.4	22.2	23.2	22.6	23.6	24.0
	4H	21.7	22.6	22.2	23.0	23.5	22.4	23.2	22.8	23.7	24.1
	6H	21.8	22.5	22.2	23.0	23.5	22.5	23.2	22.9	23.7	24.2
	8H	21.8	22.4	22.2	22.9	23.4	22.5	23.2	23.0	23.6	24.1
	12H	21.7	22.3	22.2	22.8	23.3	22.5	23.1	23.0	23.6	24.1
8H	4H	21.7	22.4	22.2	22.9	23.4	22.4	23.1	22.9	23.5	24.0
	6H	21.8	22.4	22.3	22.9	23.4	22.5	23.0	23.0	23.6	24.1
	8H	21.8	22.3	22.3	22.8	23.4	22.5	23.0	23.0	23.5	24.1
	12H	21.8	22.3	22.3	22.8	23.4	22.5	23.0	23.0	23.5	24.1
12H	4H	21.7	22.3	22.2	22.8	23.3	22.3	23.0	22.8	23.5	24.0
	6H	21.8	22.3	22.3	22.8	23.3	22.4	23.0	23.0	23.4	24.0
	8H	21.8	22.3	22.3	22.8	23.4	22.5	22.9	23.0	23.5	24.0

Maximum UGR = 24.2

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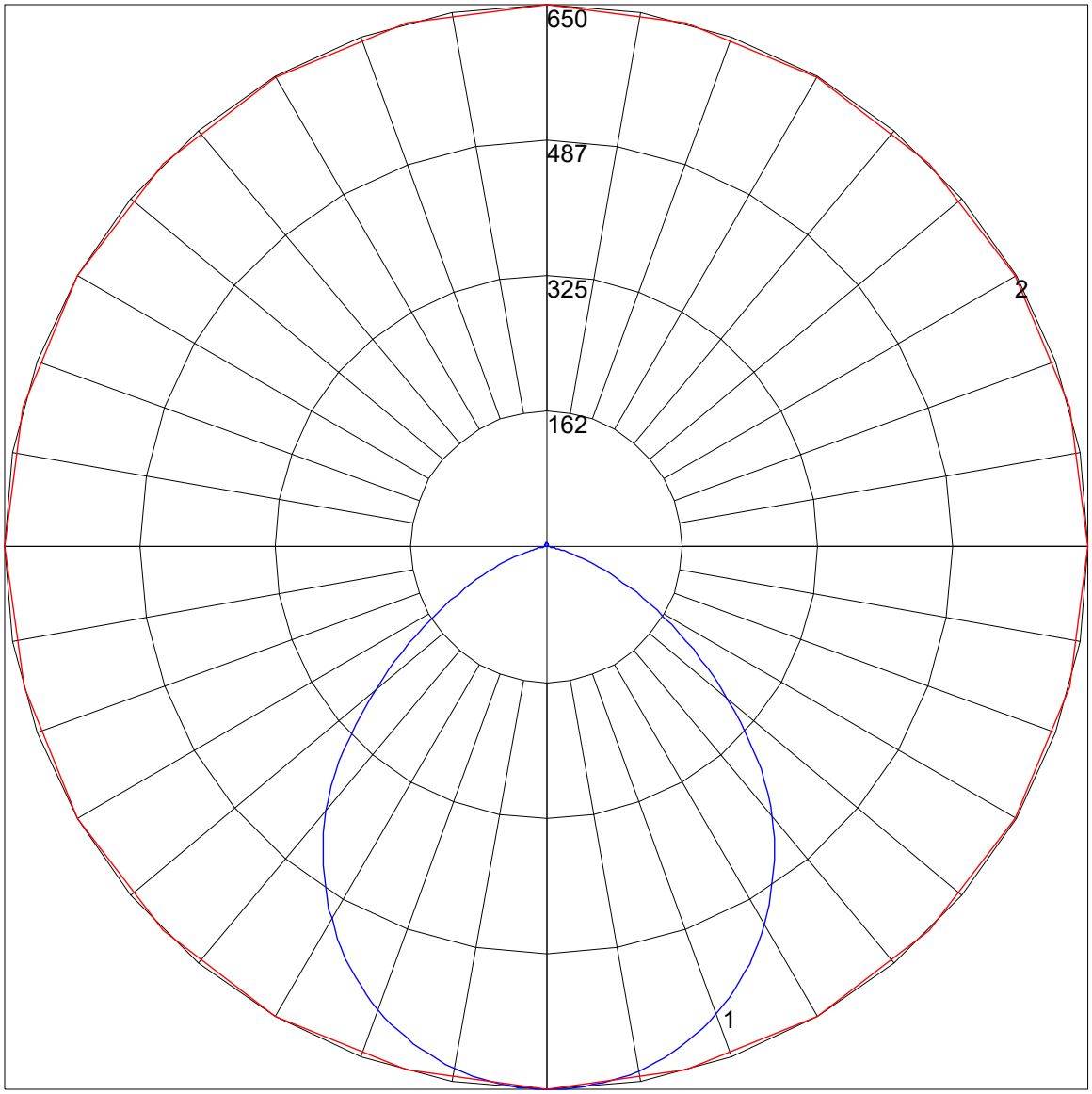
POLAR GRAPH



Maximum Candela = 649.93 Located At Horizontal Angle = 45, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)

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