



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : DLR V2 6 MD 12 WB 9SEL [5000K].IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] ASD LIGHTING CORP

[TESTDATE] 2022-02-28

[ISSUEDATE] 2022-02-28 15:06:34

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-2000B\_V1 SYSTEM

[MANUFAC] LumenFocus, LLC.

[LUMCAT] DLR v2 6 MD 12 WB 9SEL [5000K]

[LUMINAIRE] LED 6IN CCT-SELECT RETROFIT CAN/15W/27-50K/DIMM/120V/MED

### CHARACTERISTICS

Lumens Per Lamp	1028.6 (1 lamp)
Total Lamp Lumens	1028.6
Luminaire Lumens	1029
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	70
Total Luminaire Watts	14.62
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Circular
Luminous Length (0-180)	0.52 m (Diameter)
Luminous Width (90-270)	0.52 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	1669	1725	1768
55	1474	1604	1698
65	918	1204	1461
75	189	308	629
85	74	135	233

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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	144.16	14.00	14.00
0-30	306.50	29.80	29.80
0-40	502.72	48.90	48.90
0-60	881.04	85.70	85.60
0-80	1015.63	98.70	98.70
0-90	1019.02	99.10	99.10
10-90	981.73	95.40	95.40
20-40	358.56	34.90	34.90
20-50	561.30	54.60	54.60
40-70	485.58	47.20	47.20
60-80	134.58	13.10	13.10
70-80	27.33	2.70	2.70
80-90	3.40	0.30	0.30
90-110	1.42	0.10	0.10
90-120	2.69	0.30	0.30
90-130	4.21	0.40	0.40
90-150	7.27	0.70	0.70
90-180	9.63	0.90	0.90
110-180	8.21	0.80	0.80
0-180	1028.65	100.00	100.00

Total Luminaire Efficiency = 100.00%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	37.29
10-20	106.87
20-30	162.34
30-40	196.22
40-50	202.73
50-60	175.59
60-70	107.25
70-80	27.33
80-90	3.40
90-100	0.53
100-110	0.90
110-120	1.26
120-130	1.52
130-140	1.59
140-150	1.48
150-160	1.23
160-170	0.83
170-180	0.30

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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	106	102	99	107	104	100	97	99	96	94	95	93	91	91	90	88	86
2	101	93	87	82	98	91	86	81	88	83	79	84	81	77	81	78	75	73
3	92	83	75	69	90	81	74	68	78	72	67	75	70	66	72	68	65	62
4	85	73	65	59	82	72	64	58	70	63	58	67	61	57	65	60	56	54
5	78	66	57	51	76	65	57	51	62	55	50	60	54	49	58	53	49	47
6	72	59	51	45	70	58	50	44	56	49	44	55	48	43	53	47	43	41
7	67	54	45	39	65	53	45	39	51	44	39	50	43	38	48	43	38	36
8	62	49	41	35	61	48	40	35	47	40	35	46	39	34	44	39	34	32
9	58	45	37	32	57	44	37	31	43	36	31	42	36	31	41	35	31	29
10	54	42	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	26

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**UGR TABLE - CORRECTED**

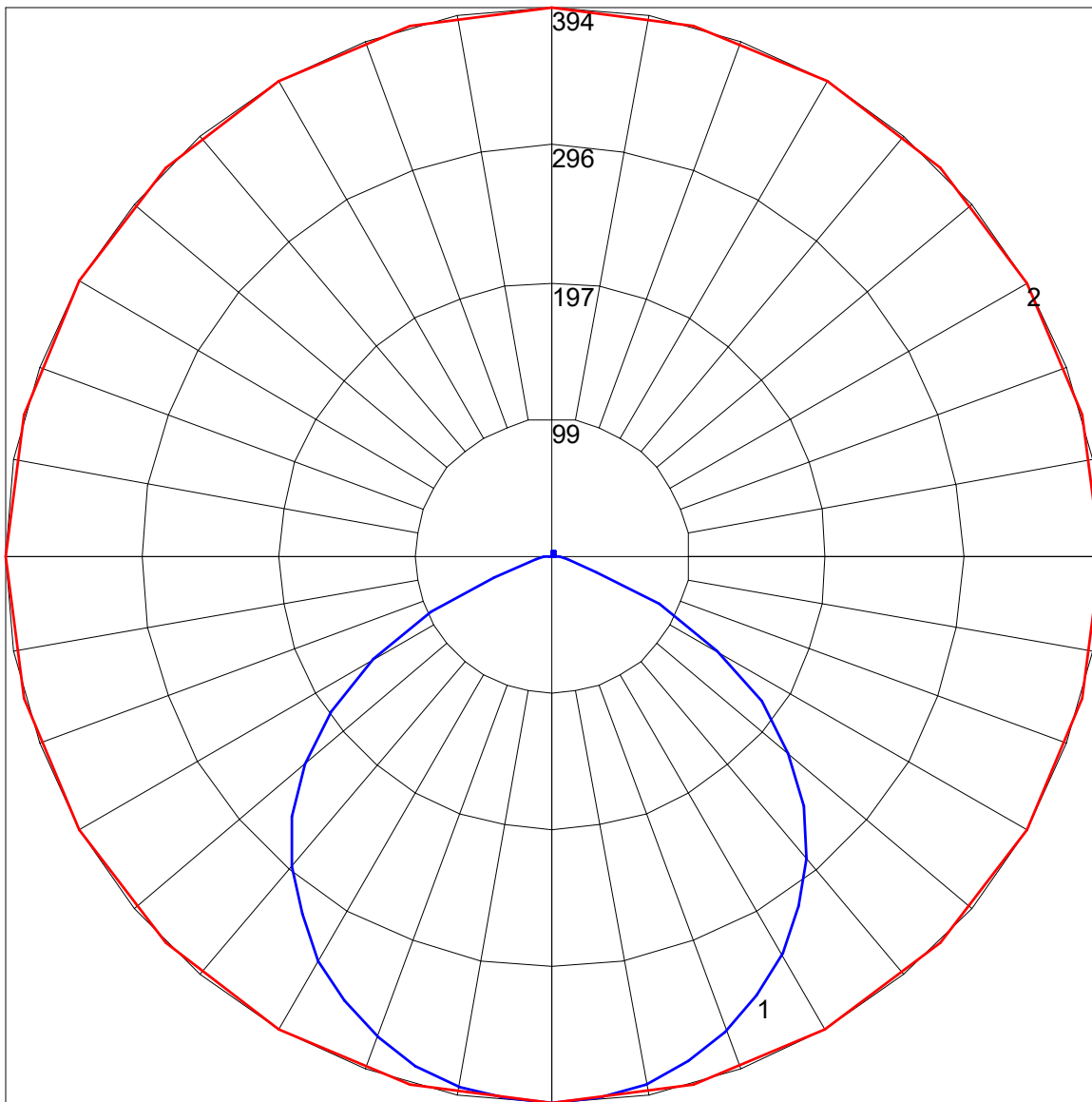
Reflectances

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	12.4	14.0	12.8	14.3	14.7	13.5	15.0	13.9	15.4	15.7
	3H	12.9	14.3	13.3	14.6	15.0	14.8	16.2	15.2	16.5	16.9
	4H	12.9	14.2	13.3	14.6	15.0	15.0	16.3	15.4	16.6	17.0
	6H	12.9	14.1	13.3	14.4	14.9	15.0	16.2	15.4	16.6	17.0
	8H	12.8	14.0	13.3	14.4	14.8	14.9	16.1	15.4	16.5	16.9
	12H	12.8	13.9	13.3	14.3	14.7	14.9	16.0	15.4	16.4	16.9
4H	2H	12.9	14.2	13.3	14.6	15.0	13.9	15.2	14.3	15.5	15.9
	3H	13.5	14.5	13.9	14.9	15.4	15.3	16.4	15.7	16.8	17.2
	4H	13.4	14.4	13.9	14.8	15.3	15.5	16.4	15.9	16.9	17.3
	6H	13.4	14.2	13.9	14.7	15.2	15.5	16.4	16.0	16.8	17.3
	8H	13.4	14.2	13.9	14.6	15.1	15.5	16.3	16.0	16.7	17.2
	12H	13.4	14.1	13.9	14.5	15.0	15.5	16.2	16.0	16.7	17.2
8H	4H	13.5	14.2	13.9	14.7	15.2	15.5	16.2	15.9	16.7	17.2
	6H	13.4	14.1	13.9	14.6	15.1	15.5	16.1	16.0	16.6	17.1
	8H	13.4	14.0	13.9	14.5	15.0	15.5	16.0	16.0	16.6	17.1
	12H	13.4	13.9	13.9	14.4	15.0	15.5	16.0	16.0	16.5	17.1
12H	4H	13.4	14.1	13.9	14.6	15.1	15.4	16.1	15.9	16.6	17.1
	6H	13.4	14.0	13.9	14.4	15.0	15.4	16.0	16.0	16.5	17.1
	8H	13.4	13.9	13.9	14.4	15.0	15.5	15.9	16.0	16.5	17.0

Maximum UGR = 17.3

POLAR GRAPH



Maximum Candela = 394.26 Located At Horizontal Angle = 0, Vertical Angle = 0  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)