



IES INDOOR REPORT

PHOTOMETRIC FILENAME : DLR V2 6 MD 12 WB 9SEL [4000K].IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] ASD LIGHTING CORP

[TESTDATE] 2022-02-28

[ISSUEDATE] 2022-02-28 14:57:39

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-2000B_V1 SYSTEM

[MANUFAC] LumenFocus, LLC.

[LUMCAT] DLR v2 6 MD 12 WB 9SEL [4000K]

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

[LAMPCAT]

CHARACTERISTICS

Lumens Per Lamp	1067 (1 lamp)
Total Lamp Lumens	1067
Luminaire Lumens	1067
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	73
Total Luminaire Watts	14.58
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	1731	1789	1835
55	1530	1663	1761
65	951	1247	1519
75	197	319	666
85	77	141	243

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	149.57	14.00	14.00
0-30	317.95	29.80	29.80
0-40	521.42	48.90	48.90
0-60	913.74	85.60	85.60
0-80	1053.41	98.70	98.70
0-90	1056.95	99.10	99.10
10-90	1018.27	95.40	95.40
20-40	371.85	34.90	34.90
20-50	582.12	54.60	54.60
40-70	503.55	47.20	47.20
60-80	139.68	13.10	13.10
70-80	28.45	2.70	2.70
80-90	3.53	0.30	0.30
90-110	1.48	0.10	0.10
90-120	2.79	0.30	0.30
90-130	4.37	0.40	0.40
90-150	7.55	0.70	0.70
90-180	10.00	0.90	0.90
110-180	8.52	0.80	0.80
0-180	1066.94	100.00	100.00

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	38.68
10-20	110.89
20-30	168.38
30-40	203.47
40-50	210.27
50-60	182.04
60-70	111.23
70-80	28.45
80-90	3.53
90-100	0.55
100-110	0.93
110-120	1.31
120-130	1.58
130-140	1.65
140-150	1.53
150-160	1.28
160-170	0.86
170-180	0.31

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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	80	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	69	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

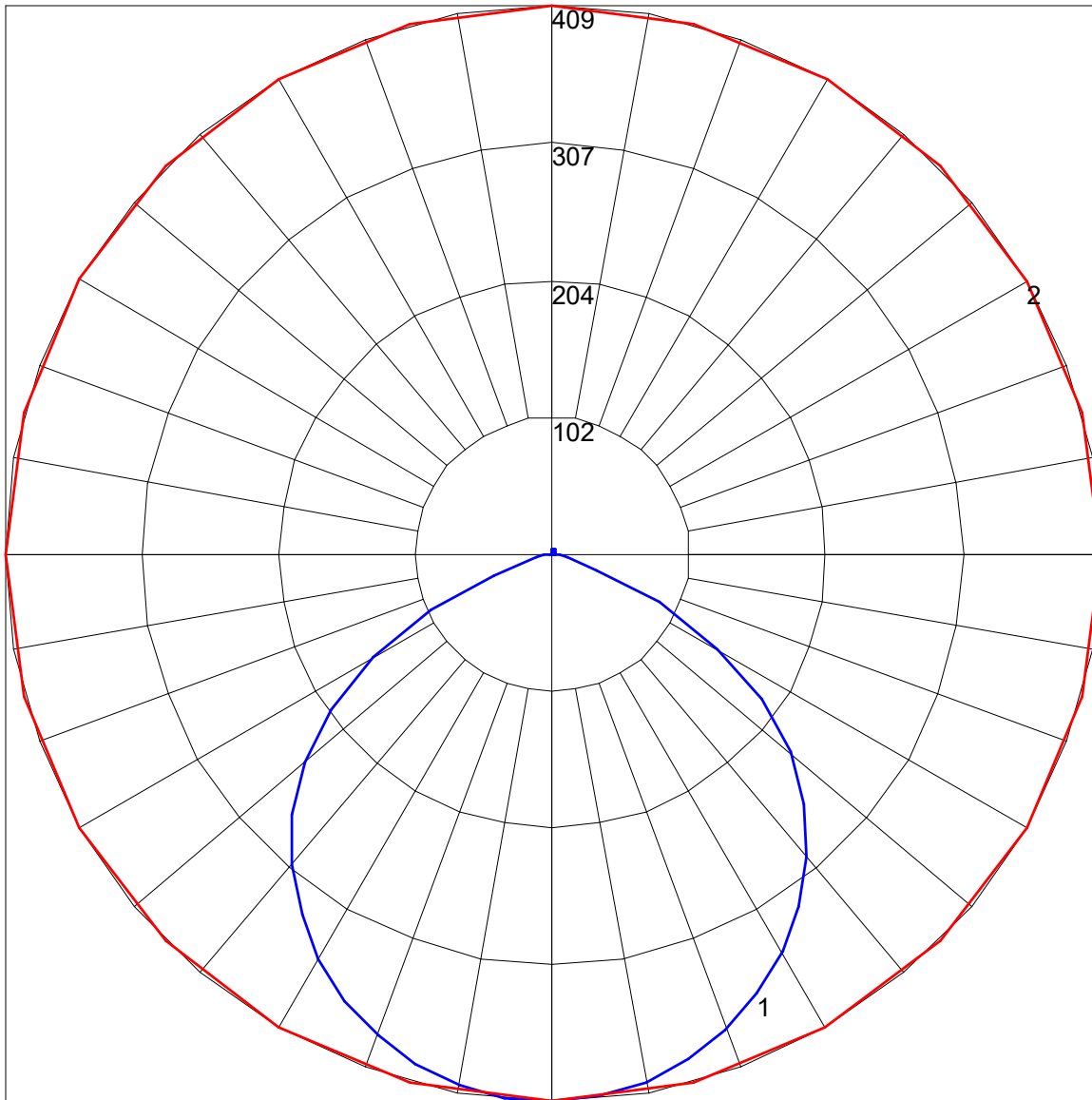
Reflectances

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	12.5	14.1	12.9	14.4	14.7	13.6	15.1	14.0	15.4	15.8
	3H	13.0	14.4	13.4	14.7	15.1	14.9	16.3	15.3	16.6	17.0
	4H	13.0	14.3	13.4	14.7	15.1	15.1	16.4	15.5	16.7	17.1
	6H	13.0	14.1	13.4	14.5	14.9	15.1	16.3	15.5	16.7	17.1
	8H	12.9	14.1	13.4	14.5	14.9	15.1	16.2	15.5	16.6	17.0
	12H	12.9	14.0	13.3	14.4	14.8	15.0	16.1	15.5	16.5	17.0
4H	2H	13.0	14.3	13.4	14.7	15.1	14.0	15.3	14.4	15.6	16.0
	3H	13.5	14.6	14.0	15.0	15.5	15.4	16.5	15.8	16.9	17.3
	4H	13.5	14.5	14.0	14.9	15.4	15.6	16.6	16.1	17.0	17.5
	6H	13.5	14.3	14.0	14.8	15.3	15.6	16.5	16.1	16.9	17.4
	8H	13.5	14.3	14.0	14.7	15.2	15.6	16.4	16.1	16.8	17.3
	12H	13.5	14.1	14.0	14.6	15.1	15.6	16.3	16.1	16.8	17.3
8H	4H	13.5	14.3	14.0	14.8	15.3	15.6	16.3	16.1	16.8	17.3
	6H	13.5	14.1	14.0	14.7	15.2	15.6	16.2	16.1	16.7	17.2
	8H	13.5	14.0	14.0	14.6	15.1	15.6	16.1	16.1	16.7	17.2
	12H	13.5	14.0	14.0	14.5	15.1	15.6	16.1	16.1	16.6	17.2
12H	4H	13.5	14.2	14.0	14.7	15.2	15.5	16.2	16.0	16.7	17.2
	6H	13.5	14.1	14.0	14.5	15.1	15.6	16.1	16.1	16.6	17.2
	8H	13.5	14.0	14.0	14.5	15.1	15.6	16.1	16.1	16.6	17.2

Maximum UGR = 17.5

POLAR GRAPH



Maximum Candela = 408.84 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.)