



IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIVA-LITE 200-201 90 DEGREE.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI 0307-04M
[TESTLAB] LIGHT LABORATORY INC
[ISSUE DATE] 3/15/2007
[MANUFAC] KINO FLO, INC.
[LUMCAT] DIVA-LITE 200/201 90 DEGREE
[LUMINAIRE] 26"L. X 7-3/4"W. X 5-3/8"H. STUDIO FIXTURE
[MORE] SPECULAR REFLECTOR
[MORE] 90 DEGREE SPOT HEXCEL LOUVERS
[BALLASTCAT] SYLVANIA QT2X54/120PHO-DIM
[BALLAST] 120V 60Hz ELECTRONIC
[LAMPPOSITION] 180,90
[LAMPCAT] KINO FLO TRUE MATCH 55C-K29
[_LAMPLUM] 2800
[_INPUT] 120VAC, 104.96W

CHARACTERISTICS

Lumens Per Lamp	2800 (2 lamps)
Total Lamp Lumens	5600
Luminaire Lumens	1574
Total Luminaire Efficiency	28 %
Luminaire Efficacy Rating (LER)	15
Total Luminaire Watts	104.96
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	0.66
Spacing Criteria (90-270)	0.70
Spacing Criteria (Diagonal)	0.76
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.79 ft
Luminous Width (90-270)	0.54 ft
Luminous Height	0.00 ft



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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1196	1841	3398
55	1455	2541	3414
65	2238	4054	5291
75	3783	7265	8425
85	8170	3702	383

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	1625	1625	1625	1625	1625
5	1487	1497	1515	1517	1515
15	1063	1085	1139	1126	1124
25	641	656	701	695	689
35	294	288	320	381	385
45	76	79	117	183	216
55	75	86	131	160	176
65	85	112	154	187	201
75	88	119	169	196	196
85	64	74	29	6	3
90	23	24	10	4	2

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	621.72	11.10	39.50
0-40	898.64	16.00	57.10
0-60	1169.51	20.90	74.30
0-90	1573.78	28.10	100.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
0-180	1573.78	28.10	100.00

Total Luminaire Efficiency = 28.10%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	37.45
10-20	248.99
20-30	335.28
30-40	276.92
40-50	163.11
50-60	107.76
60-70	130.24
70-80	157.21
80-90	116.82
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

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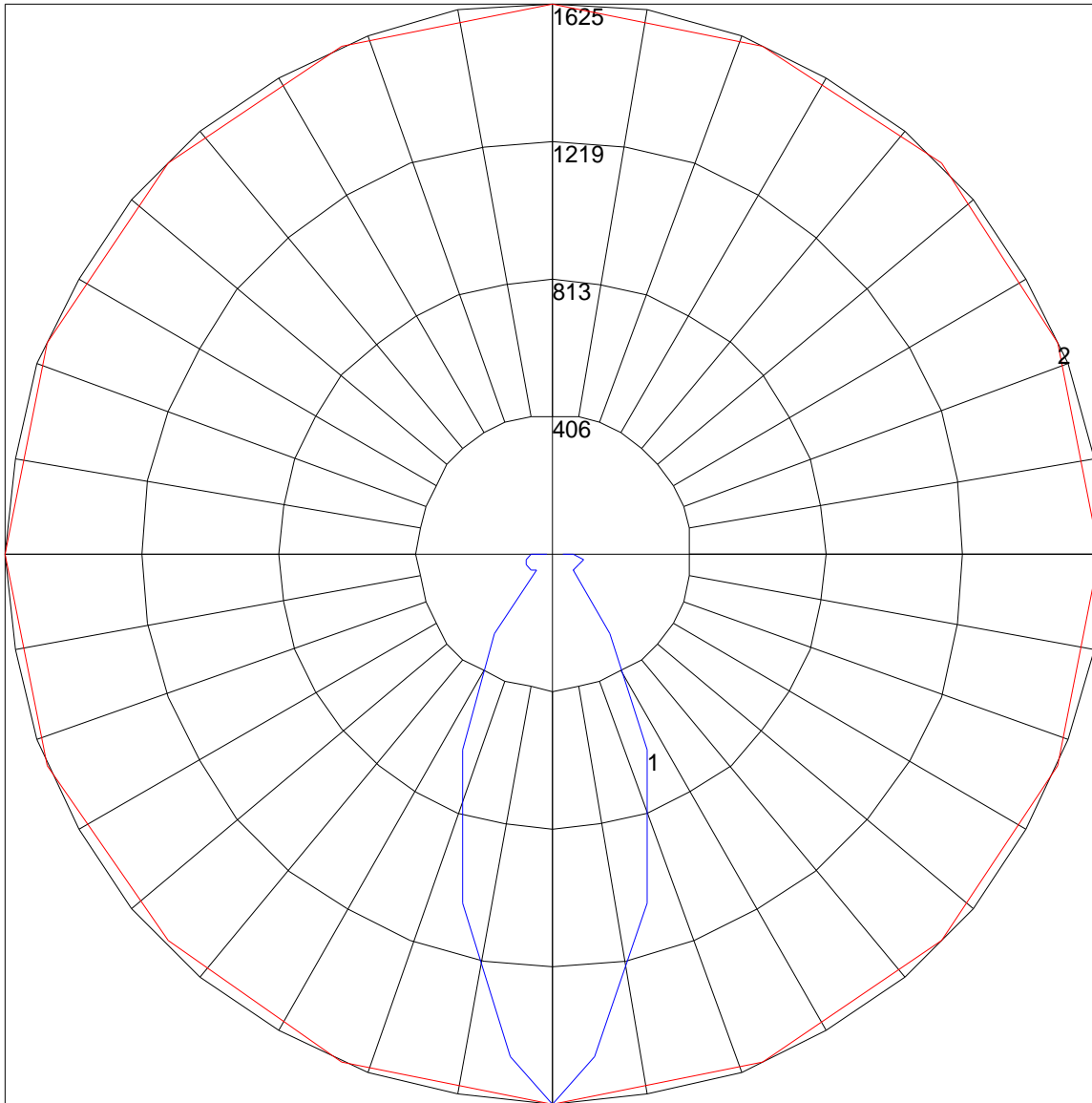
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	33	33	33	33	33	33	33	33	31	31	31	30	30	30	29	29	29	28
1	30	29	27	26	29	28	27	25	27	26	25	26	25	24	25	24	23	23
2	28	25	23	21	27	25	23	21	24	22	21	23	21	20	22	21	20	19
3	25	22	20	18	25	22	20	18	21	19	18	20	19	17	20	18	17	17
4	23	20	18	16	23	20	18	16	19	17	16	18	17	15	18	16	15	15
5	22	18	16	14	21	18	16	14	17	15	14	17	15	14	16	15	14	13
6	20	17	14	13	20	17	14	13	16	14	13	16	14	12	15	14	12	12
7	19	15	13	11	19	15	13	11	15	13	11	14	13	11	14	12	11	11
8	18	14	12	10	17	14	12	10	14	12	10	13	12	10	13	11	10	10
9	17	13	11	10	16	13	11	10	13	11	9	12	11	9	12	11	9	9
10	16	12	10	9	16	12	10	9	12	10	9	12	10	9	11	10	9	8

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POLAR GRAPH



Maximum Candela = 1625 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.)