



IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIVA-LITE 200-201 60 DEGREE.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI 0307-04N
[TESTLAB] LIGHT LABORATORY INC
[ISSUE DATE] 3/15/2007
[MANUFAC] KINO FLO, INC.
[LUMCAT] DIVA-LITE 200/201 60 DEGREE
[LUMINAIRE] 26"L. X 7-3/4"W. X 5-3/8"H. STUDIO FIXTURE
[MORE] SPECULAR REFLECTOR
[MORE] 60 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, 105.09W

CHARACTERISTICS

Lumens Per Lamp	2800 (2 lamps)
Total Lamp Lumens	5600
Luminaire Lumens	1047
Total Luminaire Efficiency	19 %
Luminaire Efficacy Rating (LER)	10
Total Luminaire Watts	105.09
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	0.46
Spacing Criteria (90-270)	0.50
Spacing Criteria (Diagonal)	0.54
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	834	1385	2093
55	1338	2405	3278
65	2238	4080	5291
75	3869	7393	8855
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	1566	1566	1566	1566	1566
5	1310	1329	1362	1365	1364
15	694	717	781	789	786
25	198	191	210	282	293
35	49	45	58	87	113
45	53	49	88	122	133
55	69	77	124	151	169
65	85	111	155	186	201
75	90	120	172	202	206
85	64	73	29	5	3
90	22	23	10	4	1

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	420.22	7.50	40.10
0-40	502.33	9.00	48.00
0-60	643.46	11.50	61.40
0-90	1047.43	18.70	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	1047.43	18.70	100.00

Total Luminaire Efficiency = 18.70%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	34.84
10-20	200.17
20-30	185.21
30-40	82.11
40-50	54.82
50-60	86.31
60-70	126.39
70-80	159.14
80-90	118.44
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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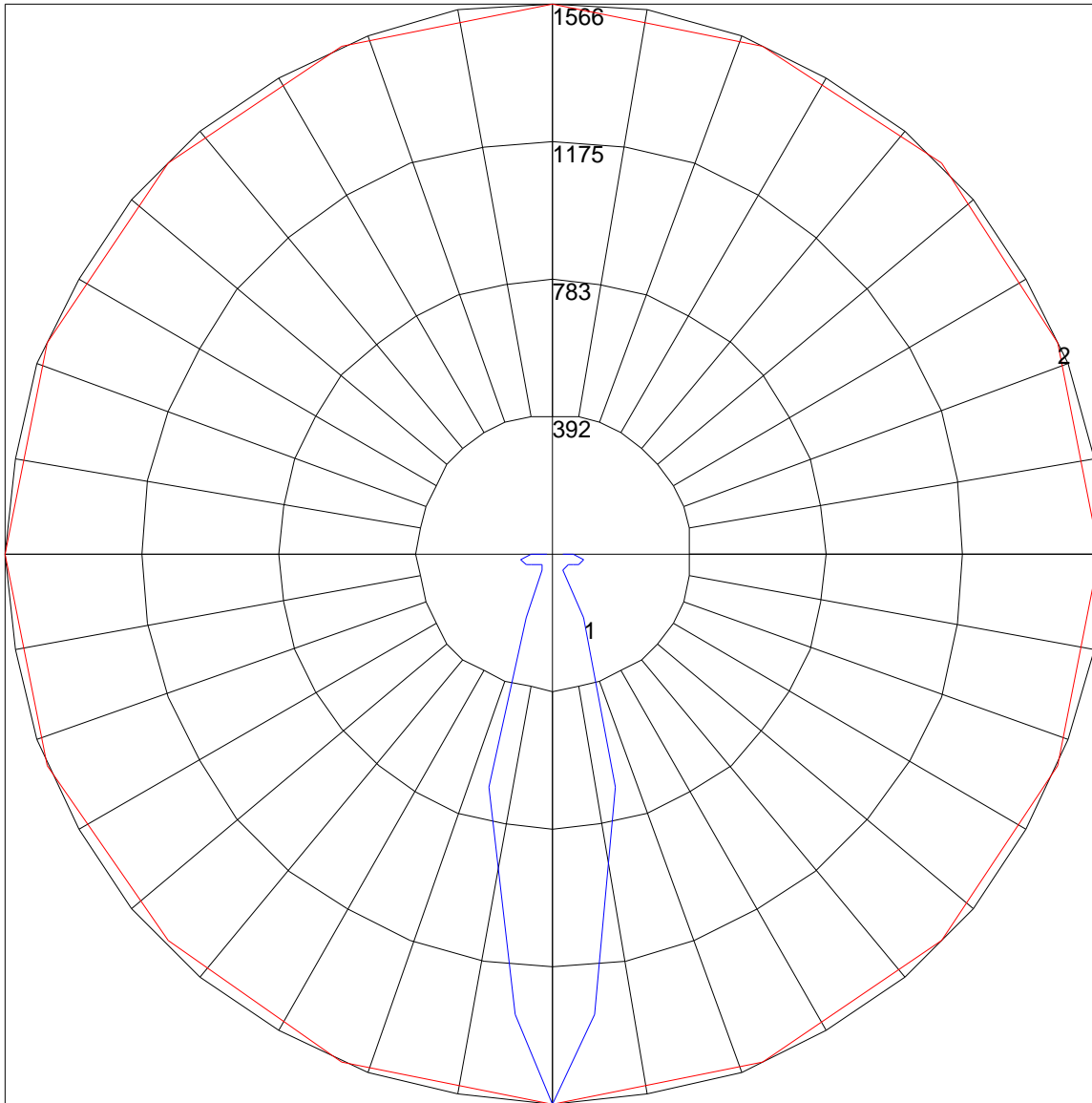
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	22	22	22	22	22	22	22	22	21	21	21	20	20	20	19	19	19	19
1	20	18	17	16	19	18	17	16	17	16	15	16	16	15	16	15	14	14
2	18	16	14	13	17	15	14	13	15	13	12	14	13	12	13	13	12	11
3	16	14	12	11	16	14	12	11	13	12	11	12	11	10	12	11	10	10
4	15	13	11	9	14	12	11	9	12	10	9	11	10	9	11	10	9	9
5	14	11	10	8	13	11	10	8	11	9	8	10	9	8	10	9	8	8
6	13	10	9	8	13	10	9	8	10	9	7	10	8	7	9	8	7	7
7	12	10	8	7	12	10	8	7	9	8	7	9	8	7	9	8	7	6
8	12	9	7	6	11	9	7	6	9	7	6	8	7	6	8	7	6	6
9	11	8	7	6	11	8	7	6	8	7	6	8	7	6	8	7	6	5
10	10	8	6	6	10	8	6	6	8	6	6	7	6	5	7	6	5	5

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POLAR GRAPH



Maximum Candela = 1566 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.)