



IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIVA-LITE 200-201 W FLOZIER.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLI 0307-040
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUE DATE] 3/15/2007
 [MANUFAC] KINO FLO, INC.
 [LUMCAT] DIVA-LITE 200/201 FLOZIER
 [LUMINAIRE] 26"L. X 7-3/4"W. X 5-3/8"H. STUDIO FIXTURE
 [MORE] SPECULAR REFLECTOR
 [MORE] WITH FLOZIER
 [BALLASTCAT] SYLVANIA QT2X54/120PHO-DIM
 [BALLAST] 120V 60Hz ELECTRONIC
 [LAMPPOSITION] 180,90
 [LAMPCAT] KINO FLO TRUE MATCH 55C-K29
 [_LAMPLUM] 2800
 [_INPUT] 120VAC, 101.49W

CHARACTERISTICS

Lumens Per Lamp	2800 (2 lamps)
Total Lamp Lumens	5600
Luminaire Lumens	2258
Total Luminaire Efficiency	40 %
Luminaire Efficacy Rating (LER)	22
Total Luminaire Watts	101.49
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.24
Spacing Criteria (90-270)	1.26
Spacing Criteria (Diagonal)	1.38
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	7961	7946	7914
55	7817	7681	7545
65	7740	7450	7108
75	7995	7393	6577
85	11361	9191	6127



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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	765	765	765	765	765
5	768	768	768	766	765
15	736	738	739	739	739
25	677	678	680	682	682
35	597	598	599	601	601
45	506	506	505	504	503
55	403	401	396	391	389
65	294	291	283	274	270
75	186	181	172	160	153
85	89	84	72	57	48
90	53	49	36	25	13



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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	427.11	7.60	18.90
0-40	777.34	13.90	34.40
0-60	1543.91	27.60	68.40
0-90	2257.89	40.30	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	2257.89	40.30	100.00

Total Luminaire Efficiency = 40.30%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	18.32
10-20	143.16
20-30	265.63
30-40	350.23
40-50	388.65
50-60	377.92
60-70	321.78
70-80	233.17
80-90	159.03
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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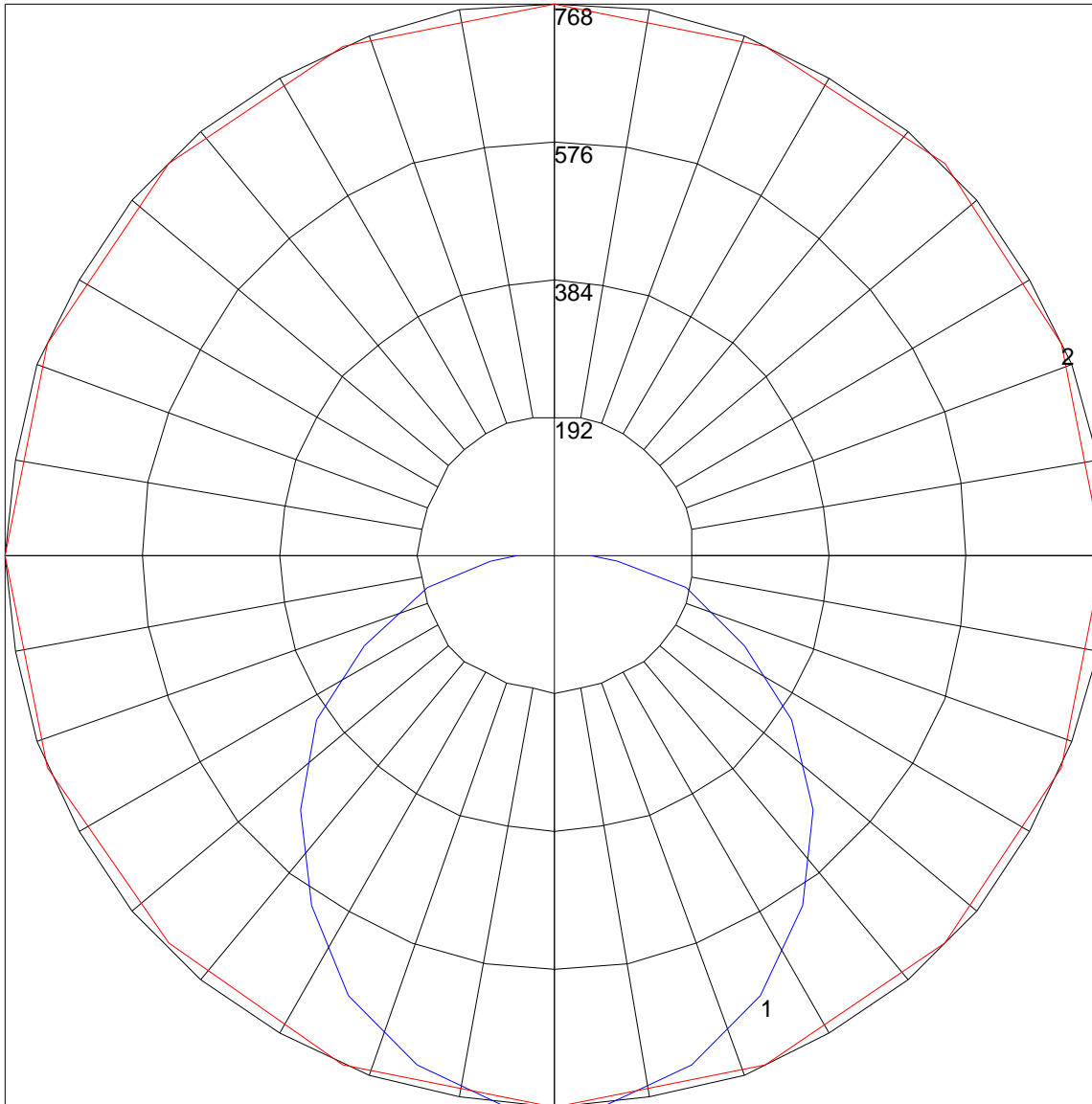
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	48	48	48	48	47	47	47	47	45	45	45	43	43	43	41	41	41	40
1	43	40	38	36	41	39	37	35	37	36	34	36	34	33	34	33	32	31
2	38	34	31	28	37	33	30	28	32	29	27	31	28	27	29	28	26	25
3	34	30	26	23	33	29	25	23	28	25	22	26	24	22	25	23	21	20
4	31	26	22	19	30	25	22	19	24	21	18	23	20	18	22	20	18	17
5	29	23	19	16	28	22	19	16	21	18	15	21	18	15	20	17	15	14
6	26	20	16	13	25	20	16	13	19	16	13	18	15	13	18	15	13	12
7	24	18	14	12	23	18	14	12	17	14	12	17	14	11	16	13	11	10
8	22	16	13	10	22	16	13	10	16	12	10	15	12	10	15	12	10	9
9	21	15	11	9	20	15	11	9	14	11	9	14	11	9	13	11	9	8
10	19	14	10	8	19	13	10	8	13	10	8	13	10	8	12	10	8	7

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POLAR GRAPH



Maximum Candela = 768 Located At Horizontal Angle = 0, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)