



IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIVA-LITE 400-401 W FLOZIER.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI 0307-04S
[TESTLAB] LIGHT LABORATORY INC
[ISSUE DATE] 3/15/2007
[MANUFAC] KINO FLO, INC.
[LUMCAT] DIVA-LITE 400/401 FLOZIER
[LUMINAIRE] 26"L. X 12"W. X 5-1/2"H. STUDIO FIXTURE
[MORE] SPECULAR REFLECTOR
[MORE] WITH FLOZIER
[BALLASTCAT] ADVANCE RZT-2S54
[BALLAST] 120V 50/60Hz ELECTRONIC
[LAMPPOSITION] 180,90
[LAMPCAT] KINO FLO TRUE MATCH 55C-K29
[_LAMPLUM] 2800
[_INPUT] 120VAC, 195.4W

CHARACTERISTICS

Lumens Per Lamp	2800 (4 lamps)
Total Lamp Lumens	11200
Luminaire Lumens	3970
Total Luminaire Efficiency	35 %
Luminaire Efficacy Rating (LER)	20
Total Luminaire Watts	195.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.32
Spacing Criteria (90-270)	1.24
Spacing Criteria (Diagonal)	1.38
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.89 ft
Luminous Width (90-270)	0.90 ft
Luminous Height	0.00 ft



IES INDOOR REPORT

PHOTOMETRIC FILENAME : DIVA-LITE 400-401 W FLOZIER.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	7984	7296	6777
55	8796	7197	6316
65	10860	7629	5774
75	14973	9062	5130
85	21181	12912	5513



IES INDOOR REPORT

PHOTOMETRIC FILENAME : DIVA-LITE 400-401 W FLOZIER.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	1220	1220	1220	1220	1220
5	1255	1250	1243	1237	1234
15	1229	1222	1209	1196	1190
25	1145	1138	1116	1092	1081
35	1018	1006	977	945	929
45	893	868	816	778	758
55	798	748	653	596	573
65	726	660	510	412	386
75	613	545	371	244	210
85	292	278	178	100	76
90	183	155	109	61	35

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIVA-LITE 400-401 W FLOZIER.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	697.94	6.20	17.60
0-40	1270.23	11.30	32.00
0-60	2528.97	22.60	63.70
0-90	3969.72	35.40	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	3969.72	35.40	100.00

Total Luminaire Efficiency = 35.40%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	29.45
10-20	233.24
20-30	435.25
30-40	572.29
40-50	632.63
50-60	626.10
60-70	571.53
70-80	477.22
80-90	392.01
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIVA-LITE 400-401 W FLOZIER.IES

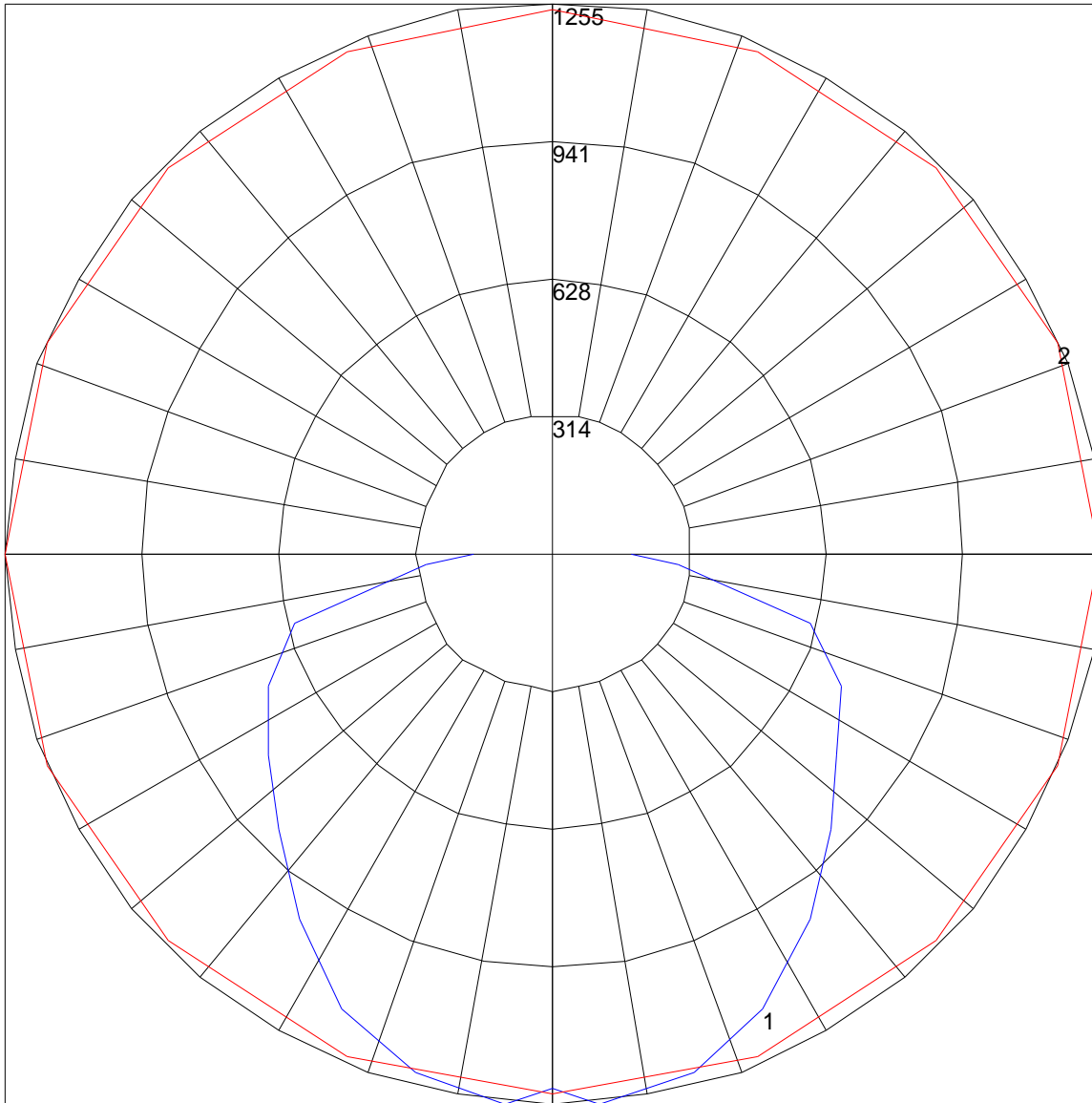
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	42	42	42	42	41	41	41	41	39	39	39	38	38	38	36	36	36	35
1	37	35	33	31	36	34	32	30	32	31	29	31	29	28	29	28	27	26
2	33	29	26	24	32	29	26	23	27	25	23	26	24	22	25	23	22	21
3	30	25	22	19	29	25	21	19	23	21	18	22	20	18	21	19	18	17
4	27	22	18	16	26	21	18	15	21	18	15	20	17	15	19	17	15	14
5	25	19	16	13	24	19	16	13	18	15	13	17	15	13	17	14	12	12
6	23	17	14	11	22	17	14	11	16	13	11	16	13	11	15	13	11	10
7	21	15	12	10	20	15	12	10	15	12	9	14	11	9	14	11	9	9
8	19	14	11	8	19	14	11	8	13	10	8	13	10	8	12	10	8	7
9	18	13	10	7	17	13	9	7	12	9	7	12	9	7	11	9	7	7
10	17	12	9	7	16	11	9	7	11	8	7	11	8	7	10	8	6	6

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIVA-LITE 400-401 W FLOZIER.IES

POLAR GRAPH



Maximum Candela = 1255 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.)