



IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIVA-LITE 400-401 90 DEGREE.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLI 0307-04Q
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUE DATE] 3/15/2007
 [MANUFAC] KINO FLO, INC.
 [LUMCAT] DIVA-LITE 400/401 90 DEGREE
 [LUMINAIRE] 26"L. X 12"W. X 5-1/2"H. STUDIO FIXTURE
 [MORE] SPECULAR REFLECTOR
 [MORE] 90 DEGREE SPOT HEXCEL LOUVERS
 [BALLASTCAT] ADVANCE RZT-2S54
 [BALLAST] 120V 50/60Hz ELECTRONIC
 [LAMPPOSITION] 180,90
 [LAMPCAT] KINO FLO TRUE MATCH 55C-K29
 [_LAMPLUM] 2800
 [_INPUT] 120VAC, 198.6W

CHARACTERISTICS

Lumens Per Lamp	2800 (4 lamps)
Total Lamp Lumens	11200
Luminaire Lumens	2350
Total Luminaire Efficiency	21 %
Luminaire Efficacy Rating (LER)	12
Total Luminaire Watts	198.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	0.64
Spacing Criteria (90-270)	0.72
Spacing Criteria (Diagonal)	0.78
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.89 ft
Luminous Width (90-270)	0.90 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	831	1055	2432
55	1058	1135	1444
65	1765	1960	2169
75	3346	4030	3859
85	7689	7544	4062

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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	2783	2783	2783	2783	2783
5	2522	2545	2586	2600	2601
15	1788	1842	1959	1982	1997
25	1069	1114	1249	1297	1300
35	453	460	549	672	672
45	93	98	118	207	272
55	96	94	103	121	131
65	118	125	131	136	145
75	137	150	165	158	158
85	106	119	104	72	56
90	46	41	29	8	4



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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1077.42	9.60	45.90
0-40	1562.61	14.00	66.50
0-60	1922.08	17.20	81.80
0-90	2349.62	21.00	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	2349.62	21.00	100.00

Total Luminaire Efficiency = 21.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	64.03
10-20	427.16
20-30	586.24
30-40	485.19
40-50	250.71
50-60	108.75
60-70	113.23
70-80	147.17
80-90	167.14
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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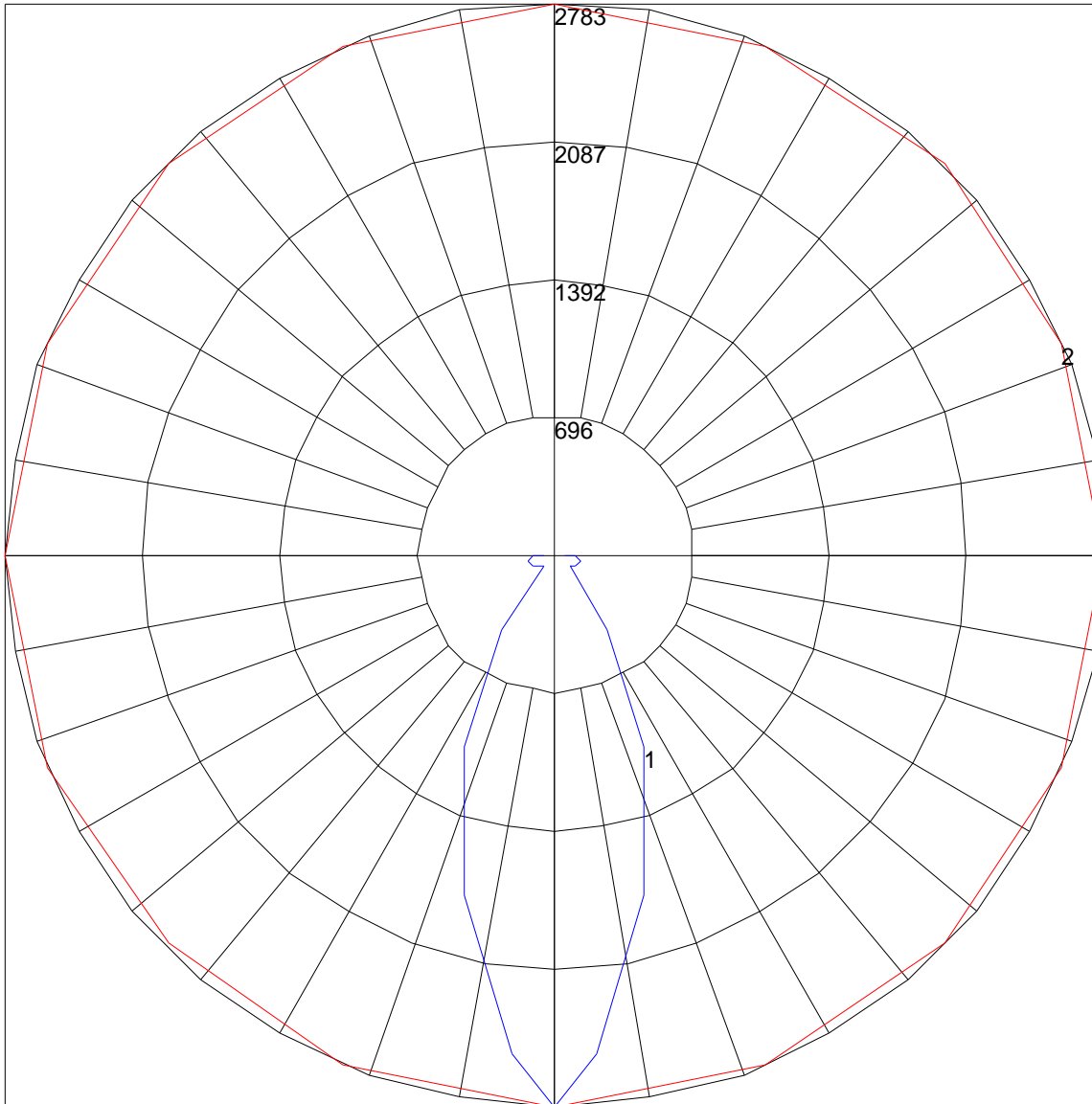
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	25	25	25	25	24	24	24	24	23	23	23	22	22	22	21	21	21	21
1	23	22	21	20	22	21	20	20	20	20	19	19	19	18	19	18	18	17
2	21	19	18	17	20	19	18	17	18	17	16	18	17	16	17	16	16	15
3	20	18	16	15	19	17	16	15	17	15	14	16	15	14	16	15	14	13
4	18	16	14	13	18	16	14	13	15	14	13	15	14	13	14	13	12	12
5	17	15	13	12	17	14	13	12	14	13	12	14	12	11	13	12	11	11
6	16	13	12	11	16	13	12	11	13	12	10	13	11	10	12	11	10	10
7	15	12	11	10	15	12	11	10	12	11	10	12	10	9	11	10	9	9
8	14	12	10	9	14	11	10	9	11	10	9	11	10	9	11	10	9	8
9	13	11	9	8	13	11	9	8	10	9	8	10	9	8	10	9	8	8
10	13	10	8	7	12	10	8	7	10	8	7	10	8	7	9	8	7	7

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POLAR GRAPH



Maximum Candela = 2783 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.)