



IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIVA-LITE 400-401 OPEN FACE.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLI 0307-04P
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUE DATE] 3/15/2007
 [MANUFAC] KINO FLO, INC.
 [LUMCAT] DIVA-LITE 400/401 OPEN FACE
 [LUMINAIRE] 26"L. X 12"W. X 5-1/2"H. STUDIO FIXTURE
 [MORE] SPECULAR REFLECTOR
 [BALLASTCAT] ADVANCE RZT-2S54
 [BALLAST] 120V 50/60Hz ELECTRONIC
 [LAMPPOSITION] 180,90
 [LAMPCAT] KINO FLO TRUE MATCH 55C-K29
 [_LAMPLUM] 2800
 [_INPUT] 120VAC, 206.5W

CHARACTERISTICS

Lumens Per Lamp	2800 (4 lamps)
Total Lamp Lumens	11200
Luminaire Lumens	8955
Total Luminaire Efficiency	80 %
Luminaire Efficacy Rating (LER)	43
Total Luminaire Watts	206.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.26
Spacing Criteria (90-270)	1.22
Spacing Criteria (Diagonal)	1.34
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 OPEN FACE.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	19071	18284	17792
55	18131	17007	17481
65	16560	16395	15782
75	13996	14094	12433
85	10300	8632	4933



IES INDOOR REPORT

PHOTOMETRIC FILENAME : DIVA-LITE 400-401 OPEN FACE.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	3270	3270	3270	3270	3270
5	3242	3245	3244	3241	3240
15	3140	3153	3153	3152	3149
25	2891	2915	2904	2871	2857
35	2560	2577	2525	2448	2418
45	2133	2154	2045	1989	1990
55	1645	1624	1543	1574	1586
65	1107	1071	1096	1070	1055
75	573	597	577	532	509
85	142	157	119	86	68
90	57	51	38	17	12

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIVA-LITE 400-401 OPEN FACE.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1817.39	16.20	20.30
0-40	3296.16	29.40	36.80
0-60	6437.34	57.50	71.90
0-90	8955.01	80.00	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	8955.01	80.00	100.00

Total Luminaire Efficiency = 80.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	77.86
10-20	607.96
20-30	1131.57
30-40	1478.77
40-50	1609.39
50-60	1531.8
60-70	1265.59
70-80	844.57
80-90	407.50
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 OPEN FACE.IES

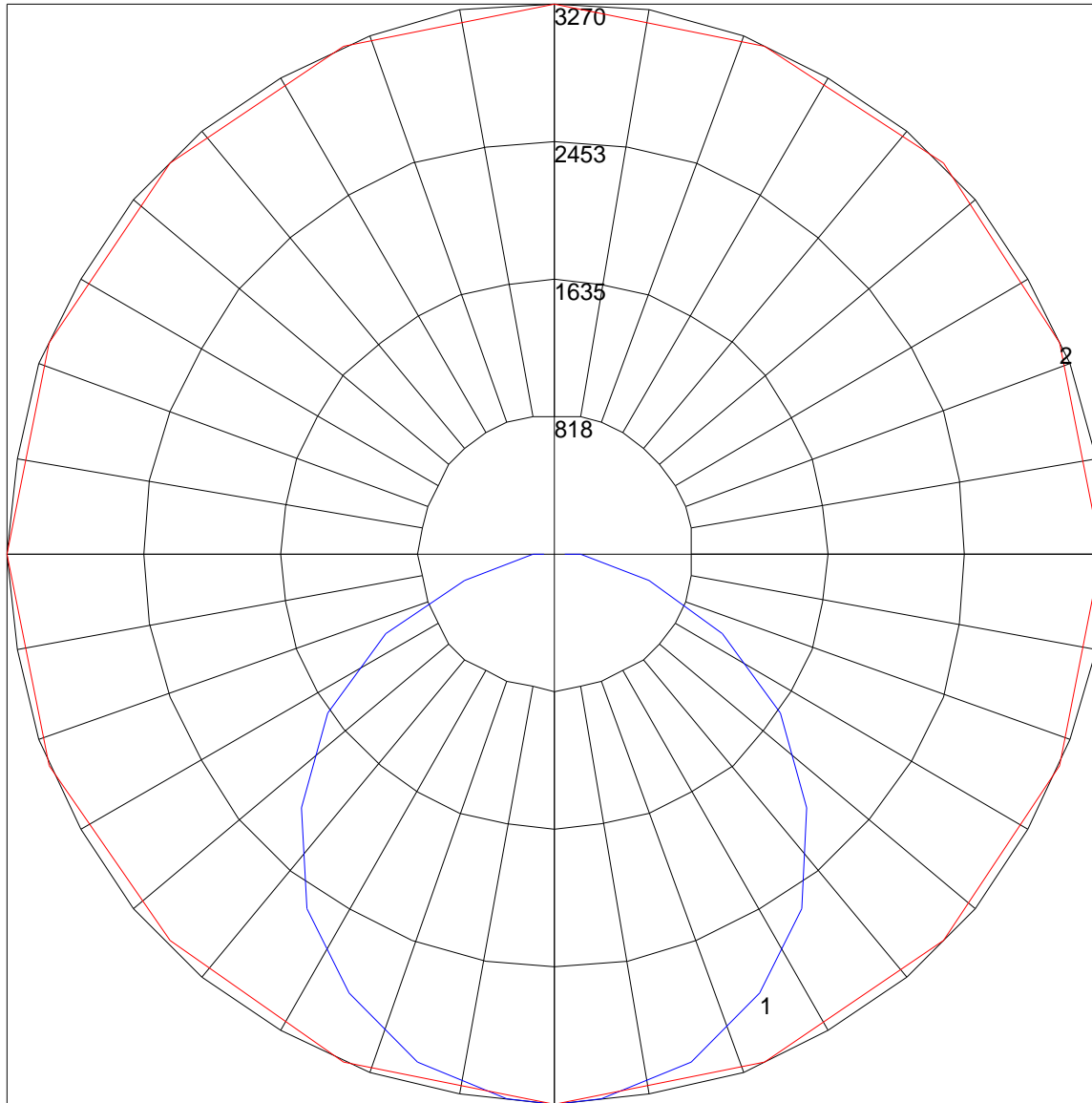
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	95	95	95	95	93	93	93	93	89	89	89	85	85	85	82	82	82	80
1	85	81	77	73	83	79	75	72	76	73	70	72	70	68	69	67	66	64
2	77	69	63	58	75	68	62	57	65	60	56	62	58	55	60	56	53	51
3	69	60	53	47	67	59	52	47	56	50	46	54	49	45	52	48	44	42
4	63	53	45	39	61	51	44	39	49	43	38	47	42	38	46	41	37	35
5	58	46	39	33	56	45	38	33	44	37	32	42	36	32	41	36	31	30
6	53	41	34	28	51	41	33	28	39	33	28	38	32	27	36	31	27	25
7	49	37	30	24	47	36	29	24	35	29	24	34	28	24	33	28	24	22
8	45	34	26	21	44	33	26	21	32	26	21	31	25	21	30	25	21	19
9	42	31	24	19	41	30	23	19	29	23	19	28	23	19	27	22	18	17
10	39	28	21	17	38	28	21	17	27	21	17	26	20	17	25	20	17	15

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIVA-LITE 400-401 OPEN FACE.IES

POLAR GRAPH



Maximum Candela = 3270 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.)