



IES INDOOR REPORT
PHOTOMETRIC FILENAME : DIVA-LITE 200-201 OPEN FACE.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LLI 0307-04L
 [TESTLAB] LIGHT LABORATORY INC
 [ISSUE DATE] 3/15/2007
 [MANUFAC] KINO FLO, INC.
 [LUMCAT] DIVA-LITE 200/201 OPEN FACE
 [LUMINAIRE] 26"L. X 7-3/4"W. X 5-3/8"H. STUDIO FIXTURE
 [MORE] SPECULAR REFLECTOR
 [BALLASTCAT] SYLVANIA QT2X54/120PHO-DIM
 [BALLAST] 120V 60Hz ELECTRONIC
 [LAMPPOSITION] 180,90
 [LAMPCAT] KINO FLO TRUE MATCH 55C-K29
 [_LAMPLUM] 2800
 [_INPUT] 120VAC, 106.90W

CHARACTERISTICS

Lumens Per Lamp	2800 (2 lamps)
Total Lamp Lumens	5600
Luminaire Lumens	4739
Total Luminaire Efficiency	85 %
Luminaire Efficacy Rating (LER)	44
Total Luminaire Watts	106.9
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.26
Spacing Criteria (90-270)	1.16
Spacing Criteria (Diagonal)	1.30
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	19069	16741	15797
55	18310	15343	14994
65	16795	14268	13189
75	14228	11778	9586
85	10595	4340	766

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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	1826	1826	1826	1826	1826
5	1841	1841	1839	1836	1833
15	1776	1777	1775	1764	1756
25	1642	1638	1593	1534	1514
35	1448	1441	1331	1272	1255
45	1212	1170	1064	1011	1004
55	944	869	791	778	773
65	638	572	542	515	501
75	331	309	274	232	223
85	83	77	34	10	6
90	28	28	14	8	6



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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1015.58	18.10	21.40
0-40	1819.1	32.50	38.40
0-60	3479.21	62.10	73.40
0-90	4739.48	84.60	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	4739.48	84.60	100.00

Total Luminaire Efficiency = 84.60%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	43.81
10-20	343.16
20-30	628.61
30-40	803.52
40-50	857.87
50-60	802.24
60-70	651.50
70-80	423.31
80-90	185.46
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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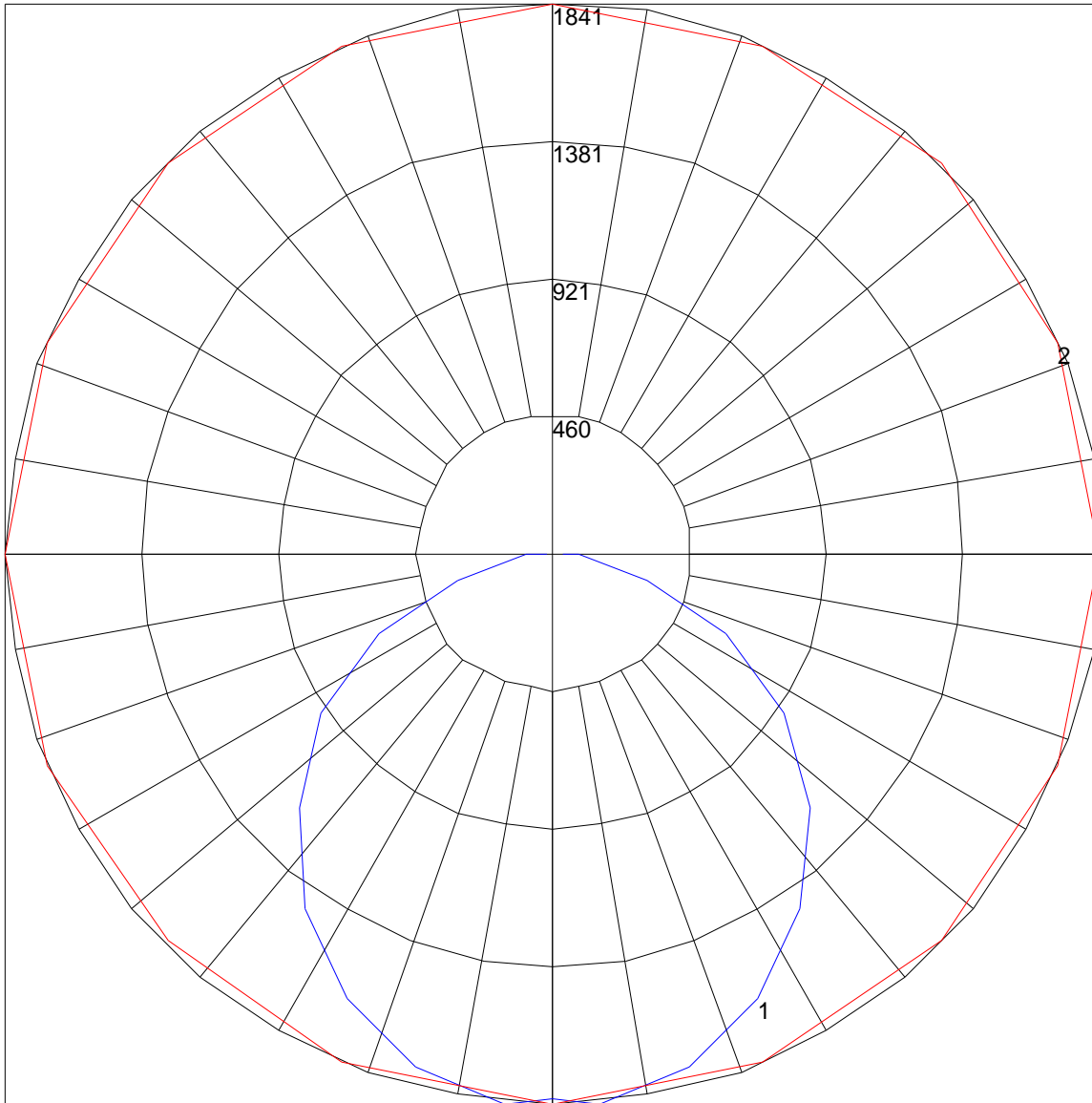
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	101	101	101	101	98	98	98	98	94	94	94	90	90	90	86	86	86	85
1	91	86	82	78	88	84	80	77	81	77	75	77	75	72	74	72	70	68
2	82	74	68	62	79	72	67	62	69	64	60	66	62	59	64	60	57	55
3	74	64	57	51	72	63	56	50	60	54	49	58	53	48	56	51	48	46
4	67	56	48	42	65	55	48	42	53	46	41	51	45	41	49	44	40	38
5	62	50	42	36	60	49	41	35	47	40	35	45	39	35	44	38	34	32
6	56	44	36	31	55	44	36	30	42	35	30	41	35	30	39	34	30	28
7	52	40	32	27	51	39	32	26	38	31	26	37	31	26	35	30	26	24
8	48	36	29	23	47	36	28	23	34	28	23	33	27	23	32	27	23	21
9	45	33	26	21	44	32	25	21	31	25	20	30	25	20	30	24	20	19
10	42	30	23	18	41	30	23	18	29	23	18	28	22	18	27	22	18	17

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POLAR GRAPH



Maximum Candela = 1841 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.)