



IES INDOOR REPORT

PHOTOMETRIC FILENAME : CELEB 200 OPEN FACE L09137101.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L09137101
 [TESTLAB] LIGHT LABORATORY, INC.
 [ISSUEDATE] 10/7/2013
 [MANUFAC] KINO FLO LIGHT SYSTEMS
 [LUMCAT] CEL-200 C120U
 [LUMINAIRE] 13-5/8"L. X 23-3/4"W. X 5-3/4"H. LED LUMINAIRE
 [MORE] DIFFUSED LENS
 [MORE] NO LOUVER
 [BALLASTCAT] CUSTOM DRIVER
 [BALLAST] INPUT: 100-240VAC, 100W, 50/60Hz. OUTPUT: 18-28VDC, 100W
 [LAMPPOSITION] 0,0
 [LAMPCAT] N/A
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [_INPUT] 120VAC, 107.51W
 [_TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5816
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	54
Total Luminaire Watts	107.51
Ballast Factor	1.00
CIE Type	Direct
Spacing Criteria (0-180)	1.22
Spacing Criteria (90-270)	1.24
Spacing Criteria (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.85 ft
Luminous Width (90-270)	1.79 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	13424	13604	13804
55	12396	12680	12963
65	11322	11540	12058
75	9066	9148	10104
85	4379	4541	6731

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CANDELA TABULATION

	0	5	15	25	35	45	55	65	75	85
0	2194	2194	2194	2194	2194	2194	2194	2194	2194	2194
5	2174	2174	2174	2175	2176	2178	2180	2181	2182	2182
10	2135	2135	2135	2136	2138	2140	2142	2144	2145	2146
15	2072	2073	2074	2075	2077	2079	2082	2085	2087	2088
20	1990	1990	1992	1993	1996	1999	2002	2006	2008	2010
25	1889	1889	1891	1893	1896	1900	1904	1908	1911	1913
30	1772	1772	1774	1777	1781	1785	1790	1794	1798	1800
35	1641	1641	1643	1647	1651	1657	1662	1666	1670	1672
40	1498	1498	1500	1504	1509	1515	1521	1526	1530	1533
45	1343	1343	1345	1350	1355	1361	1368	1374	1378	1381
50	1178	1178	1181	1186	1192	1199	1205	1212	1216	1220
55	1006	1007	1010	1015	1022	1029	1036	1043	1048	1051
60	854	854	856	860	866	874	882	890	895	899
65	677	678	679	681	684	690	700	709	716	720
70	500	501	501	502	504	509	516	528	537	542
75	332	332	330	329	330	335	342	351	363	370
80	179	179	175	173	174	177	182	191	202	213
85	54	54	53	53	54	56	59	62	70	81
90	0	0	0	0	0	0	0	0	0	0

Vert. Horizontal Angles
Angles

	90
0	2194
5	2182
10	2146
15	2087
20	2010
25	1913
30	1800
35	1673
40	1533
45	1381
50	1220
55	1052
60	900
65	721
70	542
75	370
80	214
85	83
90	0



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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	1668.82	N.A.	28.70
0-40	2704.89	N.A.	46.50
0-60	4679.45	N.A.	80.50
0-90	5816.4	N.A.	100.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
0-180	5816.4	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	206.74
10-20	586.54
20-30	875.54
30-40	1036.07
40-50	1050.03
50-60	924.53
60-70	688.33
70-80	365.43
80-90	83.19
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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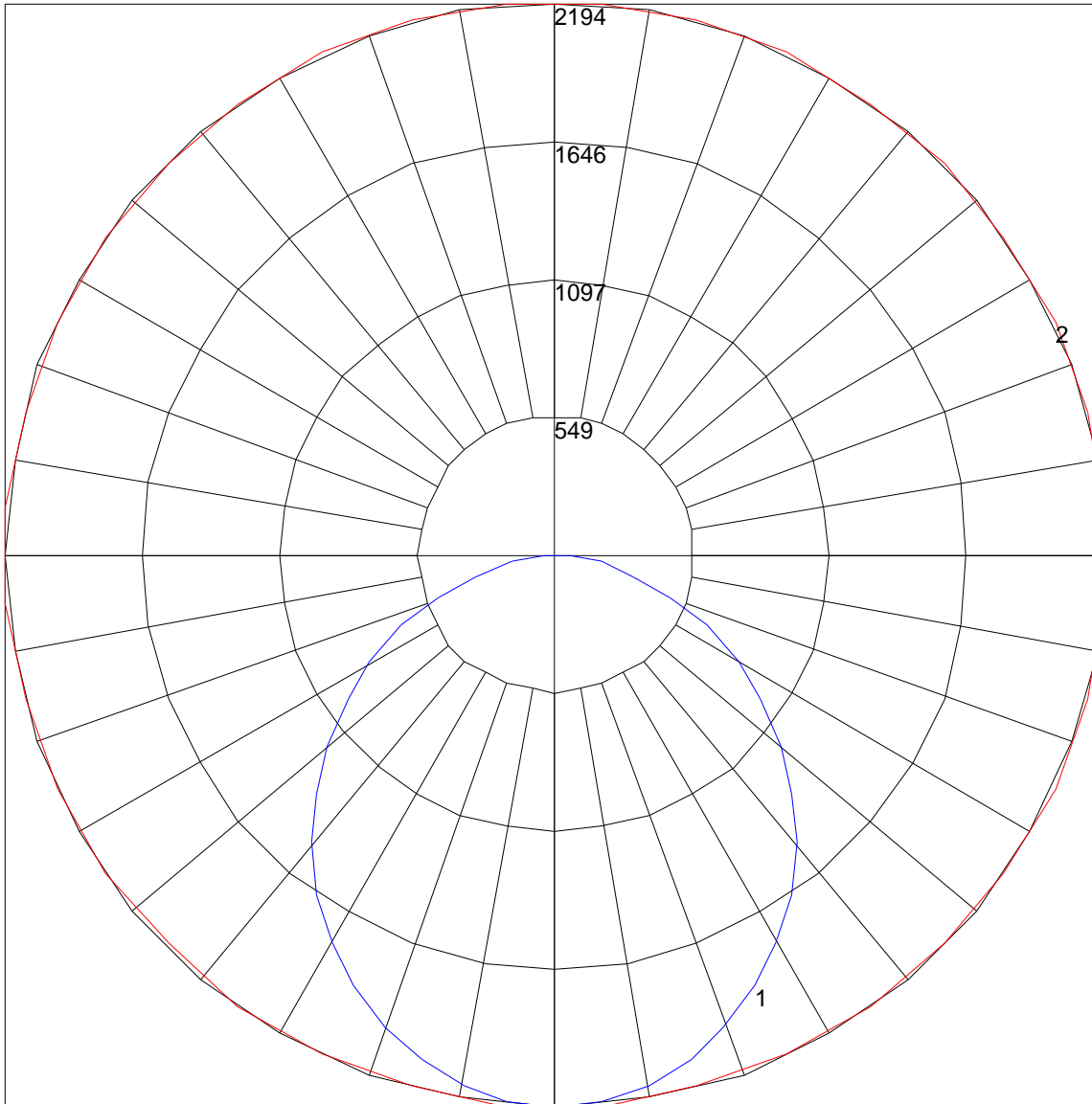
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	85	79	97	89	83	78	86	81	76	83	78	74	80	76	73	71
3	91	80	72	66	88	79	71	65	76	69	64	73	68	63	70	66	62	60
4	83	71	63	56	81	70	62	56	67	60	55	65	59	54	63	58	53	51
5	76	64	55	48	74	63	54	48	61	53	47	59	52	47	57	51	46	44
6	71	57	49	42	69	57	48	42	55	47	42	53	46	41	51	46	41	39
7	66	52	43	37	64	51	43	37	50	42	37	48	42	37	47	41	36	34
8	61	48	39	33	59	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	30	28
10	54	40	33	27	52	40	32	27	39	32	27	38	32	27	37	31	27	25

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POLAR GRAPH



Maximum Candela = 2194 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.)