



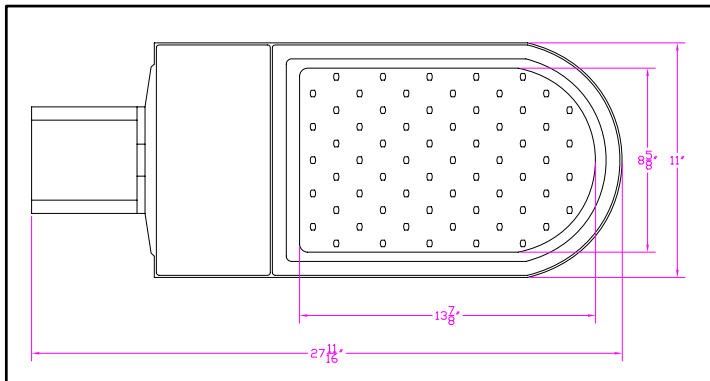
**IES ROAD REPORT
PHOTOMETRIC FILENAME : LLI070809B.IES**

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LLI 0708-09B
[TESTLAB] LIGHT LABORATORY INC
[ISSUEDATE] 8/4/2008
[MANUFAC] NASUN GROUP USA
[LUMCAT] PHOTON 64 LED
[LUMINAIRE] 27-11/16"L. X 11" X 2-3/4"H. POLE MOUNTED LUMINAIRE
[MORE] 64 COOL WHITE GEL LEDS
[LAMPPOSITION] 0,0
[LAMPCAT] COOL WHITE LED
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[_INPUT] 120VAC, 83.21W

CHARACTERISTICS

IES Classification	Type I
Longitudinal Classification	Very Short
Cutoff Classification (deprecated)	N.A.
Total Rated Lamp Lumens	N.A. (absolute photometry)
Maximum Candela	2194
Maximum Candela Angle	22.5H 5V
Maximum Candela At 90 Degrees Vertical	0
Maximum Candela from 80 to <90 Degrees Vertical	73
Downward Total Efficiency	N.A.
Total Luminaire Watts	83
Ballast Factor	1.00



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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	0.0	0.0	0.0
FM - Front-Medium (30-60)	0.0	0.0	0.0
FH - Front-High (60-80)	0.0	0.0	0.0
FVH - Front-Very High (80-90)	0.0	0.0	0.0
BL - Back-Low (0-30)	0.0	0.0	0.0
BM - Back-Medium (30-60)	0.0	0.0	0.0
BH - Back-High (60-80)	0.0	0.0	0.0
BVH - Back-Very High (80-90)	0.0	0.0	0.0
UL - Uplight-Low (90-100)	0.0	0.0	0.0
UH - Uplight-High (100-180)	0.0	0.0	0.0
Total	0.0	0.0	100.0

CANDELA TABULATION

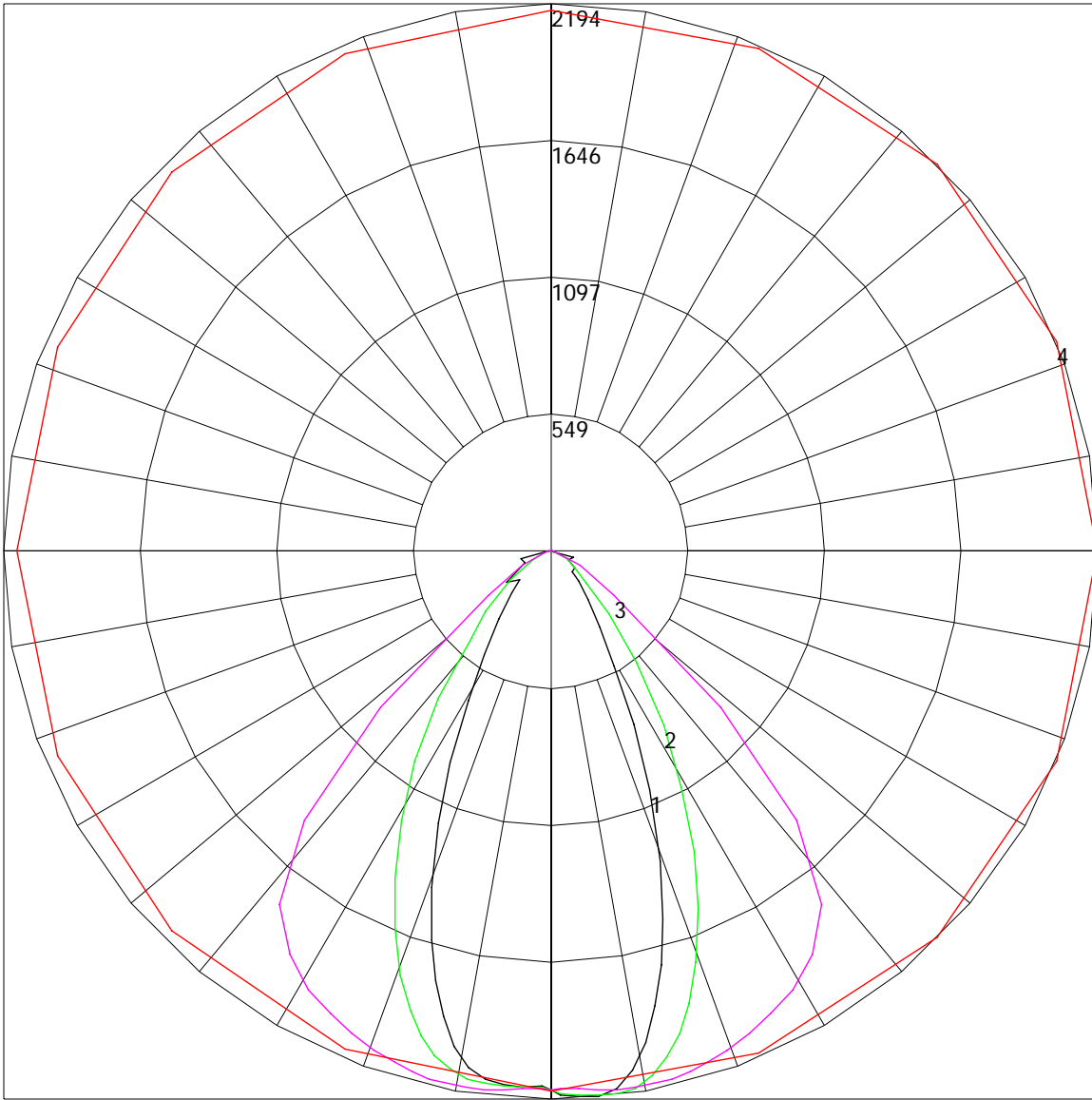
Vert. Angles	Horizontal Angles								
	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>
0.0	2157	2157	2157	2157	2157	2157	2157	2157	2157
1.0	2176	2177	2173	2162	2152	2150	2148	2148	2142
3.0	2189	2189	2181	2168	2157	2150	2150	2148	2148
5.0	2193	2194	2189	2177	2164	2156	2149	2142	2142
7.0	2168	2178	2190	2186	2172	2159	2147	2134	2129
9.0	2102	2130	2177	2193	2176	2160	2141	2109	2093
11.0	2003	2047	2139	2193	2172	2156	2114	2052	2020
13.0	1868	1934	2078	2186	2168	2148	2071	1960	1913
15.0	1715	1796	1999	2168	2159	2130	2008	1850	1783
17.0	1541	1641	1895	2132	2141	2104	1923	1714	1626
19.5	1315	1428	1746	2075	2121	2059	1802	1533	1427
22.5	1034	1166	1547	1989	2088	1990	1635	1302	1179
25.5	770	909	1335	1889	2050	1911	1452	1071	938
29.0	529	642	1082	1762	2006	1811	1235	812	685
33.0	362	440	830	1609	1924	1687	1003	589	492
37.5	242	293	564	1389	1785	1494	738	410	341
42.5	163	269	343	1110	1460	1240	476	278	228
47.5	120	133	196	807	923	885	353	185	172
55.0	119	108	116	351	308	418	198	192	216
65.0	80	51	72	128	128	150	79	58	114
75.0	92	36	26	26	30	28	29	43	123
85.0	14	9	7	6	7	7	7	9	23
90.0	0	0	0	0	0	0	0	0	0

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FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	1365.1	N.A.
Downward House Side	1496.5	N.A.
Downward Total	2861.6	N.A.
Upward Street Side	0.0	N.A.
Upward House Side	0.0	N.A.
Upward Total	0.0	N.A.
Total Flux	2861.6	N.A.

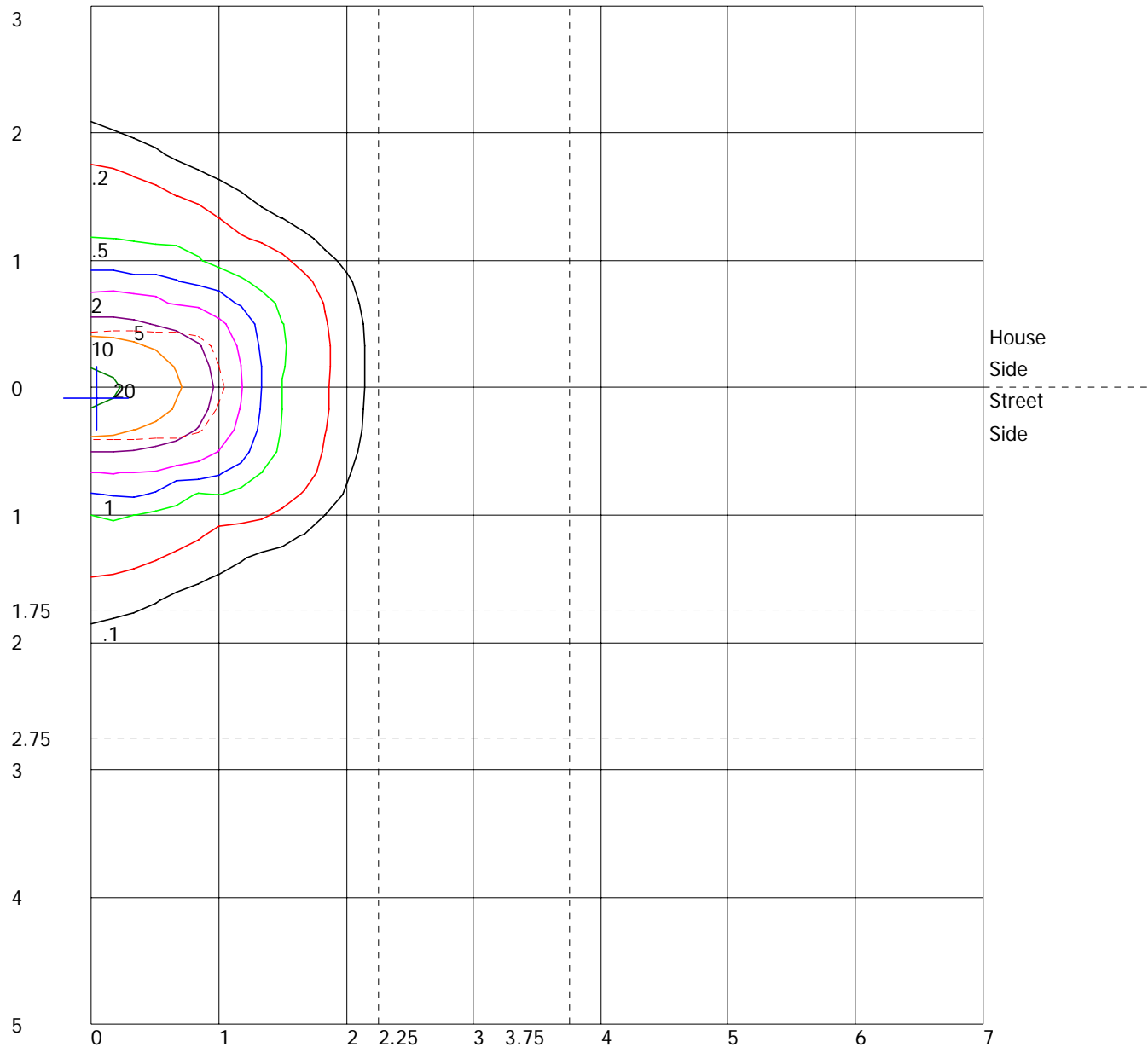
POLAR GRAPH



Maximum Candela = 2194 Located At Horizontal Angle = 22.5, Vertical Angle = 5

- # 1 - Vertical Plane Through Horizontal Angles (0 - 180) : BLACK
- # 2 - Vertical Plane Through Horizontal Angles (45 - 225) : GREEN
- # 3 - Vertical Plane Through Horizontal Angles (90 - 270) : MAGENTA
- # 4 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.) : RED

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
 Values Based On 10 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point