



See Mounting Accessories Below
Sold Separately



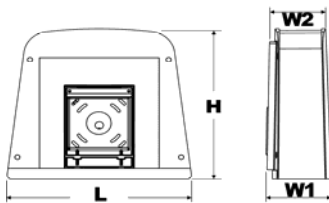
71329
Slip Fitter



71328
Trunion



71320
Junction Box
(Note: 71320 Included with Fixture Mounts:



Catalog Number	71326
UPC Number	60198671326
Description	86 W LED Slim-Line Combo WallPack/Flood Can be Used as Either a Wallpack or FloodLight 250W HID MH Equivalent

Features

- ▶ Cree CXA LED's
- ▶ Voltage: 120-277VAC (120/208/240/277V)
- ▶ Integral Cooling Fin Releases the Heat Efficiently to Maintain the Life of LED's & LED Driver
- ▶ Corrosion Resistant Die Cast Aluminum Housing
- ▶ Superior Architectural Bronze Powder Coat Finish
- ▶ Stainless Steel Hardware
- ▶ Waterproof & Durable Silicone Rubber Gasket
- ▶ Tempered Glass Lens
- ▶ Anodized Aluminum Optical Reflector
- ▶ Color Temperature: 5000K Cool White
- ▶ CRI: 83
- ▶ Operating Temperature: -22°F to 104°F
- ▶ Input Current: 0.6 - 0.15 Amps
- ▶ 50,000+ Hour LED Life Expectancy
- ▶ -30% Lumen Depreciation Max
- ▶ cULus listed for Wet Locations
- ▶ IP65 (NEMA 4X) Dust & Water Tight
- ▶ 5 Year Warranty

General

Lamp:	LED
Lumen Output:	6550
Watts:	86
Volts:	120/208/240/277
Lamp Base:	N/A
Lamp Type:	COB

Note: Mounting Accessories Sold Separately

Junction Box:	Cat# 71320
SlipFitter Mount:	Cat# 71329
Trunion Mount:	Cat# 71328

Dimension Information

Housing

L Inches	14-1/4"
H Inches	12-3/4"
W1 Inches	4-7/8"
W2 Inches	3-7/8"

Packaging

Box Qty	1
Carton Qty	1

Certifications

UL	Yes
cUL	Yes
RoHS	Yes

www.morrisproducts.com

Morris Products 53 Carey Road, Queensbury, NY 12804

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-2193 LED2800-L4 500MA 3# 140122_IESNA2002.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-79-08
[TEST] QC-2193
[TESTLAB]
[TESTDATE] 2014-01-23
[ISSUEDATE] 2014-01-23
[LAMPPOSITION] 0,0
[OTHER] EVERFINE GO-R3000(2M3D) SYSTEM
[MANUFAC] Morris Products Inc.
[LUMCAT] 71326
[LUMINAIRE] WITH FRAME,HD GLASS,MIRROR REFLECTOR
[LAMP] CXA1512 M4 5000K
[BALLAST] LP1096-48-C2000 DC:30-48V/2.0A
[LUMEN PER WATT] 79.35lm/W
[TEMPERATURE] 25.5°C TEST 15:30~~~18:00

Note: Candela values converted from Type-C to Type-B

CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	2649.15
Maximum Candela Angle	-3H 15V
Horizontal Beam Angle (50%)	114.8
Vertical Beam Angle (50%)	107.4
Horizontal Field Angle (10%)	149.0
Vertical Field Angle (10%)	135.1
Lumens Per Lamp	6840 (1 lamp)
Total Lamp Lumens	6840
Beam Lumens	5512
Beam Efficiency	81 %
Field Lumens	6744
Field Efficiency	99 %
Spill Lumens	95
Luminaire Lumens	6840
Total Efficiency	100 %
Total Luminaire Watts	86.2
Ballast Factor	0.99



IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-2193 LED2800-L4 500MA 3# 140122_IESNA2002.IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	0	90	0
85	8.29	85	0
75	271.79	75	121.65
65	882.26	65	1042.58
55	1522.79	55	1701.31
47.5	1806.2	47.5	1993.69
42.5	1959.13	42.5	2100.62
37.5	2107.08	37.5	2204.28
33	2212.41	33	2371
29	2266.72	29	2496.17
25.5	2326.36	25.5	2512.24
22.5	2371.81	22.5	2541.78
19.5	2408.88	19.5	2585.34
17	2447.35	17	2609.53
15	2442.28	15	2618.88
13	2484.8	13	2611.29
11	2480.29	11	2621.46
9	2470.17	9	2628.51
7	2477.89	7	2625.78
5	2484.51	5	2615
3	2516.38	3	2597.87
1	2556.42	1	2577.31
0	2565.11	0	2565.11
-1	2547.07	-1	2553.51
-3	2496.56	-3	2524.43
-5	2491.59	-5	2494.72
-7	2485.83	-7	2449.08
-9	2476.2	-9	2410.33
-11	2474.36	-11	2375.18
-13	2478.43	-13	2344.56
-15	2439.62	-15	2316.78
-17	2405.85	-17	2291.73
-19.5	2366.94	-19.5	2257.33
-22.5	2339.47	-22.5	2237.44
-25.5	2319.32	-25.5	2147.2
-29	2277.62	-29	2034.2
-33	2184.39	-33	1905.41
-37.5	2070.6	-37.5	1743.05
-42.5	1947.35	-42.5	1526.39
-47.5	1797.74	-47.5	1289.96
-55	1454.61	-55	684.46
-65	796.16	-65	32.26
-75	250.96	-75	0
-85	6	-85	0
-90	0	-90	30.74

IES FLOOD REPORT**PHOTOMETRIC FILENAME : QC-2193 LED2800-L4 500MA 3# 140122_IESNA2002.IES****CANDELA TABULATION**

Maximum Candela = 2649.15

Beam Edge = 1324.575 Cd (50% of Max.)

Field Edge = 264.915 Cd (10% of Max.)

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>-90.0</u>	<u>-85.0</u>	<u>-75.0</u>	<u>-65.0</u>	<u>-55.0</u>	<u>-47.5</u>	<u>-42.5</u>	<u>-37.5</u>	<u>-33.0</u>	<u>-29.0</u>
90.0	0.00	0.00	0.00	10.17	10.17	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.00	0.00	6.14	2.54	0.00	0.00	0.00	0.06	0.14
75.0	0.00	0.00	6.97	57.66	100.96	121.21	126.73	125.81	159.59	185.54
65.0	0.00	0.14	34.56	157.31	323.85 *	503.60 *	589.15 *	664.71 *	763.34 *	848.85 *
55.0	0.00	1.00	81.47	336.07 *	661.49 *	989.30 *	1159.90 *	1257.68 *	1354.77 *	1436.12 *
47.5	0.00	1.43	122.32	460.36 *	911.43 *	1238.46 *	1459.54 *	1589.28 *	1668.70 *	1753.79 *
42.5	0.00	1.60	146.04	544.42 *	1098.00 *	1407.62 *	1621.87 *	1751.74 *	1846.68 *	1903.86 *
37.5	0.00	1.71	166.47	627.44 *	1216.58 *	1555.28 *	1736.38 *	1905.97 *	2018.45 *	2067.76 *
33.0	0.00	2.84	178.74	698.46 *	1328.75 *	1664.04 *	1847.51 *	2012.55 *	2205.98 *	2229.07 *
29.0	0.00	3.86	186.54	744.53 *	1406.36 *	1742.25 *	1917.00 *	2083.17 *	2258.89 *	2347.12 *
25.5	0.00	4.61	196.27	770.89 *	1445.34 *	1805.85 *	1963.48 *	2124.52 *	2247.36 *	2331.14 *
22.5	0.00	5.14	204.56	785.51 *	1469.55 *	1841.84 *	2002.72 *	2153.09 *	2255.54 *	2349.50 *
19.5	0.00	5.57	213.59	799.46 *	1484.59 *	1868.29 *	2026.82 *	2177.36 *	2288.54 *	2361.77 *
17.0	0.00	5.85	221.69	808.83 *	1496.68 *	1885.44 *	2033.16 *	2203.76 *	2311.88 *	2377.48 *
15.0	0.00	6.03	227.72	814.28 *	1506.52 *	1887.94 *	2037.05 *	2211.15 *	2329.09 *	2396.77 *
13.0	0.00	6.16	233.24	818.39 *	1512.12 *	1883.97 *	2041.38 *	2203.82 *	2336.72 *	2416.31 *
11.0	0.00	6.82	238.17	820.71 *	1510.97 *	1873.73 *	2036.99 *	2194.80 *	2332.90 *	2427.93 *
9.0	0.00	6.68	242.44	821.11 *	1507.98 *	1855.24 *	2031.41 *	2184.17 *	2329.47 *	2423.28 *
7.0	0.00	6.53	245.95	819.48 *	1501.75 *	1842.52 *	2018.24 *	2170.23 *	2319.93 *	2418.14 *
5.0	0.00	6.38	252.00	815.71 *	1492.28 *	1831.85 *	2001.01 *	2145.09 *	2288.77 *	2400.47 *
3.0	0.00	6.23	251.59	812.45 *	1483.11 *	1819.62 *	1981.25 *	2117.74 *	2249.19 *	2354.52 *
1.0	0.00	6.08	251.17	801.59 *	1464.12 *	1805.55 *	1959.18 *	2087.03 *	2207.06 *	2304.44 *
0.0	0.00	6.00	250.96	796.16 *	1454.61 *	1797.74 *	1947.35 *	2070.60 *	2184.39 *	2277.62 *
-1.0	0.00	6.00	249.13	793.06 *	1449.81 *	1790.51 *	1941.95 *	2066.27 *	2183.40 *	2278.95 *
-3.0	0.00	5.91	245.48	786.87 *	1440.23 *	1774.43 *	1929.57 *	2055.67 *	2177.96 *	2278.71 *
-5.0	0.00	5.85	241.84	773.06 *	1420.73 *	1756.30 *	1914.91 *	2042.35 *	2169.41 *	2276.13 *
-7.0	0.00	5.78	231.64	759.79 *	1401.54 *	1736.26 *	1897.78 *	2027.74 *	2152.03 *	2241.65 *
-9.0	0.00	5.72	224.00	744.39 *	1379.08 *	1713.65 *	1877.29 *	1999.76 *	2118.17 *	2191.60 *
-11.0	0.00	5.66	215.56	726.98 *	1353.33 *	1687.53 *	1824.94 *	1960.63 *	2080.35 *	2139.53 *
-13.0	0.00	4.89	206.41	707.68 *	1325.76 *	1645.60 *	1770.24 *	1911.75 *	2048.57 *	2103.88 *
-15.0	0.00	4.60	196.63	686.60 *	1293.30 *	1602.47 *	1716.63 *	1852.17 *	2024.12 *	2074.54 *
-17.0	0.00	4.29	186.30	664.49 *	1248.94 *	1556.56 *	1669.89 *	1790.51 *	1982.92 *	2043.55 *
-19.5	0.00	3.87	172.71	634.73 *	1193.66 *	1490.58 *	1616.92 *	1748.99 *	1922.37 *	2000.16 *
-22.5	0.00	3.31	156.82	595.30 *	1121.86 *	1401.07 *	1573.20 *	1704.90 *	1870.67 *	1946.84 *
-25.5	0.00	2.71	141.30	545.12 *	1038.39 *	1317.82 *	1502.02 *	1665.33 *	1794.34 *	1867.17 *
-29.0	0.00	1.95	122.77	485.89 *	923.62 *	1225.53 *	1401.36 *	1567.33 *	1662.39 *	1762.06 *
-33.0	0.00	1.02	106.38	417.55 *	795.91 *	1124.60 *	1274.75 *	1424.43 *	1520.70 *	1622.64 *
-37.5	0.00	0.07	86.90	340.54 *	681.30 *	1004.08 *	1126.40 *	1251.22 *	1372.09 *	1468.91 *
-42.5	0.00	0.06	68.63	255.30	547.94 *	792.14 *	948.63 *	1053.68 *	1172.87 *	1257.95 *
-47.5	0.00	0.03	51.26	179.00	419.69 *	609.52 *	720.96 *	851.33 *	959.95 *	1024.39 *
-55.0	0.00	0.00	27.62	82.88	224.05	276.31 *	351.38 *	436.10 *	509.95 *	509.63 *
-65.0	0.00	0.00	6.95	14.78	31.57	16.91	29.35	29.76	36.46	28.81
-75.0	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles	Horizontal Angles									
	<u>-25.5</u>	<u>-22.5</u>	<u>-19.5</u>	<u>-17.0</u>	<u>-15.0</u>	<u>-13.0</u>	<u>-11.0</u>	<u>-9.0</u>	<u>-7.0</u>	<u>-5.0</u>
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.12	0.07	0.50	3.14	5.00	6.67	7.23	7.29	5.67	4.05
75.0	193.25	192.36	186.78	195.62	202.83	209.32	214.85	213.48	197.86	184.47
65.0	895.46 *	917.40 *	932.70 *	957.43 *	988.25 *	1017.67 *	1044.47 *	1067.79 *	1065.32 *	1061.20 *

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-2193 LED2800-L4 500MA 3# 140122_IESNA2002.IES

CANDELA TABULATION - (Cont.)

55.0	1538.44	* 1557.13	* 1576.16	* 1595.36	* 1630.54	* 1666.81	* 1692.74	* 1716.67	* 1724.15	* 1720.78	*
47.5	1825.81	* 1875.02	* 1899.37	* 1914.14	* 1921.71	* 1945.77	* 1967.03	* 1985.45	* 1998.53	* 1999.10	*
42.5	1969.98	* 2016.10	* 2037.77	* 2045.18	* 2050.21	* 2061.66	* 2076.82	* 2091.63	* 2104.28	* 2106.70	*
37.5	2087.42	* 2122.45	* 2142.63	* 2156.17	* 2162.85	* 2164.32	* 2178.30	* 2202.09	* 2229.28	* 2234.08	*
33.0	2261.46	* 2304.23	* 2315.10	* 2346.13	* 2341.58	* 2336.48	* 2352.86	* 2392.11	* 2410.28	* 2422.63	*
29.0	2349.50	* 2366.62	* 2380.15	* 2390.15	* 2404.97	* 2427.01	* 2445.02	* 2469.25	* 2485.78	* 2498.17	*
25.5	2377.00	* 2395.92	* 2404.46	* 2424.89	* 2442.20	* 2459.06	* 2482.68	* 2500.80	* 2511.81	* 2520.79	*
22.5	2409.82	* 2442.33	* 2463.99	* 2498.15	* 2498.43	* 2495.92	* 2514.78	* 2543.36	* 2559.13	* 2558.78	*
19.5	2422.53	* 2485.00	* 2519.16	* 2523.08	* 2527.58	* 2535.96	* 2543.37	* 2568.77	* 2594.23	* 2592.37	*
17.0	2420.85	* 2475.99	* 2537.18	* 2549.93	* 2551.49	* 2548.65	* 2565.12	* 2586.11	* 2608.61	* 2611.36	*
15.0	2427.37	* 2462.81	* 2524.66	* 2572.28	* 2572.76	* 2568.38	* 2577.00	* 2595.25	* 2603.31	* 2612.13	*
13.0	2450.92	* 2467.65	* 2511.73	* 2557.17	* 2598.21	* 2593.85	* 2587.63	* 2601.73	* 2616.67	* 2616.63	*
11.0	2475.13	* 2490.35	* 2509.29	* 2547.35	* 2587.84	* 2614.34	* 2611.75	* 2606.03	* 2621.92	* 2626.81	*
9.0	2478.71	* 2509.49	* 2521.25	* 2553.25	* 2579.07	* 2608.60	* 2628.96	* 2623.37	* 2622.26	* 2632.06	*
7.0	2454.42	* 2494.10	* 2529.74	* 2551.51	* 2572.90	* 2608.58	* 2632.76	* 2632.72	* 2626.69	* 2627.13	*
5.0	2424.55	* 2472.90	* 2514.55	* 2541.31	* 2560.94	* 2582.54	* 2609.29	* 2635.69	* 2631.94	* 2618.45	*
3.0	2385.25	* 2430.09	* 2482.31	* 2526.58	* 2549.54	* 2566.42	* 2580.06	* 2593.03	* 2607.80	* 2624.81	*
1.0	2341.77	* 2370.35	* 2406.20	* 2447.46	* 2480.52	* 2514.69	* 2522.22	* 2536.70	* 2557.92	* 2580.68	*
0.0	2319.32	* 2339.47	* 2366.94	* 2405.85	* 2439.62	* 2478.43	* 2474.36	* 2476.20	* 2485.83	* 2491.59	*
-1.0	2326.14	* 2348.81	* 2377.23	* 2414.84	* 2446.16	* 2481.24	* 2491.56	* 2509.39	* 2568.76	* 2636.94	*
-3.0	2338.44	* 2366.40	* 2396.63	* 2429.13	* 2451.86	* 2473.19	* 2490.68	* 2533.59	* 2553.69	* 2517.81	*
-5.0	2343.26	* 2363.88	* 2404.66	* 2434.22	* 2435.38	* 2445.68	* 2485.86	* 2492.21	* 2474.55	* 2478.05	*
-7.0	2295.76	* 2328.99	* 2391.74	* 2419.43	* 2394.92	* 2393.12	* 2423.48	* 2437.42	* 2429.52	* 2437.78	*
-9.0	2245.83	* 2286.75	* 2326.10	* 2339.54	* 2331.81	* 2355.69	* 2372.78	* 2382.54	* 2391.54	* 2402.17	*
-11.0	2198.70	* 2240.78	* 2264.18	* 2285.29	* 2310.87	* 2331.28	* 2342.18	* 2349.63	* 2363.28	* 2372.73	*
-13.0	2163.47	* 2198.56	* 2234.94	* 2267.85	* 2291.60	* 2304.41	* 2312.91	* 2326.28	* 2337.82	* 2342.80	*
-15.0	2131.11	* 2175.72	* 2218.48	* 2251.84	* 2267.84	* 2278.95	* 2290.18	* 2302.20	* 2311.38	* 2315.47	*
-17.0	2108.26	* 2174.75	* 2199.57	* 2224.76	* 2240.70	* 2258.16	* 2279.20	* 2282.19	* 2287.04	* 2285.55	*
-19.5	2073.97	* 2151.44	* 2175.54	* 2181.27	* 2203.73	* 2229.83	* 2252.73	* 2255.26	* 2254.32	* 2249.40	*
-22.5	2014.73	* 2067.31	* 2097.36	* 2119.76	* 2158.30	* 2185.66	* 2200.84	* 2224.52	* 2213.03	* 2193.94	*
-25.5	1939.23	* 1980.43	* 2010.23	* 2056.76	* 2094.34	* 2119.47	* 2126.62	* 2131.10	* 2131.44	* 2122.15	*
-29.0	1831.09	* 1880.97	* 1916.85	* 1961.18	* 1988.81	* 2003.53	* 2012.77	* 2017.67	* 2016.15	* 2009.87	*
-33.0	1697.22	* 1740.59	* 1770.04	* 1792.80	* 1826.13	* 1855.80	* 1875.21	* 1881.94	* 1879.73	* 1881.45	*
-37.5	1534.24	* 1564.84	* 1589.51	* 1634.28	* 1666.02	* 1693.52	* 1704.82	* 1709.29	* 1712.77	* 1717.85	*
-42.5	1307.19	* 1343.45	* 1382.87	* 1427.04	* 1457.92	* 1481.94	* 1483.83	* 1486.01	* 1484.75	* 1499.27	*
-47.5	1068.17	* 1101.66	* 1157.20	* 1197.83	* 1226.24	* 1234.28	* 1238.53	* 1239.72	* 1242.76	* 1260.66	*
-55.0	504.92	* 553.60	* 601.59	* 635.26	* 637.89	* 629.51	* 613.58	* 593.55	* 603.93	* 633.01	*
-65.0	23.83	27.85	31.97	31.79	32.25	32.23	29.07	23.63	25.95	28.05	
-75.0	0.00	0.00	2.67	5.57	5.87	4.66	2.21	0.13	0.31	0.00	
-85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
-90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.07	9.22	15.37	

Vert. Angles

Horizontal Angles

	<u>-3.0</u>	<u>-1.0</u>	<u>0.0</u>	<u>1.0</u>	<u>3.0</u>	<u>5.0</u>	<u>7.0</u>	<u>9.0</u>	<u>11.0</u>	<u>13.0</u>
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	2.43	0.81	0.00	0.04	0.12	0.21	0.29	0.37	3.12	10.07
75.0	159.35	134.22	121.65	131.96	152.57	173.17	182.69	194.52	187.15	170.72
65.0	1057.69	* 1047.62	* 1042.58	* 1045.00	* 1049.84	* 1048.06	* 1046.84	* 1044.13	* 1017.84	* 989.02
55.0	1718.33	* 1706.99	* 1701.31	* 1703.44	* 1707.68	* 1703.19	* 1699.75	* 1690.63	* 1673.81	* 1656.46
47.5	1998.03	* 1995.48	* 1993.69	* 1993.10	* 1990.91	* 1987.22	* 1981.88	* 1968.55	* 1951.14	* 1931.12
42.5	2105.72	* 2102.73	* 2100.62	* 2101.43	* 2101.99	* 2100.96	* 2097.67	* 2087.08	* 2074.37	* 2061.58
37.5	2224.76	* 2211.80	* 2204.28	* 2205.57	* 2206.23	* 2203.70	* 2197.09	* 2185.10	* 2172.25	* 2165.39
33.0	2406.76	* 2385.08	* 2371.00	* 2381.66	* 2396.00	* 2403.33	* 2385.82	* 2365.44	* 2333.96	* 2322.89
29.0	2498.95	* 2497.39	* 2496.17	* 2495.12	* 2492.69	* 2489.31	* 2474.77	* 2457.35	* 2450.90	* 2453.92
25.5	2521.32	* 2515.70	* 2512.24	* 2512.47	* 2511.94	* 2505.93	* 2492.09	* 2478.69	* 2488.23	* 2493.12
22.5	2554.16	* 2546.33	* 2541.78	* 2542.85	* 2543.54	* 2533.85	* 2516.25	* 2511.57	* 2515.50	* 2509.22
19.5	2587.86	* 2586.59	* 2585.34	* 2583.27	* 2577.51	* 2560.64	* 2541.64	* 2554.18	* 2560.05	* 2523.17
17.0	2619.73	* 2614.67	* 2609.53	* 2618.59	* 2625.39	* 2584.24	* 2573.74	* 2588.18	* 2570.06	* 2534.17
15.0	2649.15	* 2632.50	* 2618.88	* 2626.43	* 2634.19	* 2595.75	* 2593.19	* 2592.42	* 2570.84	* 2549.35

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-2193 LED2800-L4 500MA 3# 140122_IESNA2002.IES

CANDELA TABULATION - (Cont.)

13.0	2634.69	* 2623.87	* 2611.29	* 2624.12	* 2629.13	* 2601.95	* 2611.77	* 2597.21	* 2574.90	* 2568.15	*
11.0	2634.07	* 2633.49	* 2621.46	* 2631.40	* 2625.04	* 2617.18	* 2610.33	* 2601.68	* 2598.76	* 2581.90	*
9.0	2632.60	* 2640.75	* 2628.51	* 2636.76	* 2623.77	* 2630.30	* 2619.97	* 2608.36	* 2615.72	* 2577.59	*
7.0	2627.72	* 2635.27	* 2625.78	* 2633.25	* 2623.64	* 2627.26	* 2630.43	* 2626.93	* 2603.97	* 2570.90	*
5.0	2616.70	* 2621.41	* 2615.00	* 2618.30	* 2617.34	* 2626.20	* 2624.39	* 2613.16	* 2597.73	* 2571.88	*
3.0	2602.19	* 2598.87	* 2597.87	* 2600.31	* 2598.16	* 2585.80	* 2590.16	* 2581.80	* 2567.85	* 2554.36	*
1.0	2615.68	* 2578.54	* 2577.31	* 2578.58	* 2576.69	* 2567.98	* 2547.72	* 2525.58	* 2517.79	* 2512.40	*
0.0	2496.56	* 2547.07	* 2565.11	* 2556.42	* 2516.38	* 2484.51	* 2477.89	* 2470.17	* 2480.29	* 2484.80	*
-1.0	2562.56	* 2552.10	* 2553.51	* 2550.09	* 2542.53	* 2541.81	* 2520.61	* 2496.54	* 2486.41	* 2477.99	*
-3.0	2518.83	* 2524.09	* 2524.43	* 2521.20	* 2516.47	* 2505.02	* 2495.12	* 2488.77	* 2476.82	* 2460.45	*
-5.0	2481.04	* 2492.60	* 2494.72	* 2483.59	* 2513.22	* 2474.76	* 2461.23	* 2444.99	* 2442.08	* 2440.39	*
-7.0	2460.23	* 2435.97	* 2449.08	* 2444.56	* 2446.63	* 2434.60	* 2429.20	* 2417.03	* 2398.10	* 2387.68	*
-9.0	2408.01	* 2401.48	* 2410.33	* 2406.10	* 2407.38	* 2398.98	* 2390.20	* 2383.18	* 2374.49	* 2356.62	*
-11.0	2368.43	* 2368.07	* 2375.18	* 2371.75	* 2369.87	* 2368.15	* 2358.22	* 2345.91	* 2343.15	* 2337.29	*
-13.0	2333.58	* 2338.26	* 2344.56	* 2342.28	* 2338.81	* 2339.37	* 2329.44	* 2319.78	* 2308.83	* 2308.93	*
-15.0	2304.29	* 2312.04	* 2316.78	* 2314.84	* 2309.89	* 2314.10	* 2305.51	* 2292.83	* 2283.80	* 2275.55	*
-17.0	2276.74	* 2287.67	* 2291.73	* 2289.73	* 2282.82	* 2285.67	* 2280.80	* 2265.95	* 2256.66	* 2249.81	*
-19.5	2244.59	* 2253.64	* 2257.33	* 2255.48	* 2249.64	* 2249.80	* 2249.21	* 2233.92	* 2215.21	* 2208.18	*
-22.5	2201.55	* 2226.30	* 2237.44	* 2227.03	* 2203.79	* 2194.20	* 2193.88	* 2182.86	* 2161.64	* 2142.08	*
-25.5	2127.88	* 2141.83	* 2147.20	* 2142.33	* 2129.55	* 2120.99	* 2120.47	* 2116.60	* 2093.05	* 2071.53	*
-29.0	2021.80	* 2031.55	* 2034.20	* 2031.87	* 2022.70	* 2010.85	* 2010.83	* 2006.73	* 1995.04	* 1972.39	*
-33.0	1894.05	* 1903.01	* 1905.41	* 1903.17	* 1894.66	* 1882.85	* 1878.62	* 1876.67	* 1866.76	* 1844.44	*
-37.5	1730.46	* 1739.77	* 1743.05	* 1741.11	* 1734.79	* 1726.09	* 1722.08	* 1718.91	* 1709.74	* 1690.91	*
-42.5	1512.69	* 1522.69	* 1526.39	* 1523.38	* 1514.75	* 1502.69	* 1489.36	* 1490.14	* 1488.09	* 1487.13	*
-47.5	1274.96	* 1285.79	* 1289.96	* 1286.09	* 1275.92	* 1262.45	* 1245.66	* 1243.35	* 1242.48	* 1238.33	*
-55.0	663.36	* 677.42	* 684.46	* 678.49	* 666.55	* 638.20	* 611.02	* 601.03	* 619.24	* 633.31	*
-65.0	30.26	31.59	32.26	31.49	29.94	27.47	25.10	22.50	28.65	32.67	
-75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.13	0.00	0.00	
-85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.48	13.08	
-90.0	21.52	27.67	30.74	27.67	21.52	15.37	9.22	3.07	0.00	0.00	

Vert. Horizontal Angles

	<u>15.0</u>	<u>17.0</u>	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29.0</u>	<u>33.0</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	15.93	21.91	29.56	23.92	15.04	3.43	0.07	0.00	0.00	0.00
75.0	153.92	137.06	118.41	138.21	151.84	155.48	128.22	97.00	96.34	90.49
65.0	958.39	* 925.40	* 896.17	* 876.18	* 846.21	* 792.44	* 703.59	* 602.38	* 531.28	* 451.40
55.0	1623.03	* 1584.61	* 1548.62	* 1513.54	* 1478.28	* 1366.90	* 1255.30	* 1139.90	* 1034.96	* 863.18
47.5	1907.69	* 1895.93	* 1874.86	* 1839.38	* 1778.17	* 1694.23	* 1595.23	* 1503.83	* 1366.79	* 1162.87
42.5	2050.79	* 2045.28	* 2033.35	* 2001.39	* 1940.48	* 1861.02	* 1788.53	* 1689.62	* 1549.02	* 1322.76
37.5	2172.26	* 2169.94	* 2154.70	* 2120.40	* 2061.56	* 2019.48	* 1985.35	* 1854.06	* 1671.54	* 1488.73
33.0	2323.44	* 2329.64	* 2294.20	* 2244.95	* 2199.24	* 2144.42	* 2110.67	* 1950.30	* 1760.69	* 1608.33
29.0	2453.14	* 2420.23	* 2364.30	* 2314.63	* 2286.49	* 2253.25	* 2143.68	* 1983.21	* 1824.28	* 1638.91
25.5	2474.45	* 2434.71	* 2383.71	* 2369.02	* 2343.86	* 2289.09	* 2181.52	* 2024.97	* 1883.38	* 1639.23
22.5	2479.30	* 2441.08	* 2419.72	* 2411.02	* 2374.67	* 2302.70	* 2203.98	* 2092.99	* 1932.07	* 1687.72
19.5	2486.54	* 2469.42	* 2462.20	* 2445.22	* 2383.74	* 2308.51	* 2238.06	* 2142.43	* 1979.09	* 1765.37
17.0	2512.43	* 2503.76	* 2489.28	* 2442.99	* 2392.29	* 2335.81	* 2269.24	* 2188.23	* 1991.76	* 1804.34
15.0	2539.81	* 2527.33	* 2482.58	* 2436.27	* 2418.11	* 2365.29	* 2294.84	* 2199.31	* 1999.30	* 1819.11
13.0	2559.53	* 2523.51	* 2474.32	* 2432.66	* 2433.30	* 2393.46	* 2316.55	* 2184.10	* 2006.92	* 1825.23
11.0	2551.93	* 2516.72	* 2482.63	* 2476.90	* 2449.98	* 2409.51	* 2322.57	* 2178.01	* 2005.96	* 1825.95
9.0	2544.60	* 2523.20	* 2505.73	* 2519.00	* 2450.60	* 2399.05	* 2326.63	* 2178.01	* 2004.62	* 1825.54
7.0	2552.02	* 2535.45	* 2512.82	* 2493.79	* 2431.97	* 2384.38	* 2322.19	* 2175.21	* 1999.61	* 1824.55
5.0	2552.51	* 2531.24	* 2502.24	* 2464.37	* 2412.08	* 2360.85	* 2298.03	* 2158.70	* 1991.17	* 1822.45
3.0	2538.46	* 2518.96	* 2481.04	* 2432.31	* 2380.13	* 2323.93	* 2265.74	* 2140.52	* 1980.11	* 1817.79
1.0	2477.80	* 2472.29	* 2433.66	* 2392.73	* 2344.90	* 2286.41	* 2230.95	* 2119.01	* 1966.66	* 1810.66
0.0	2442.28	* 2447.35	* 2408.88	* 2371.81	* 2326.36	* 2266.72	* 2212.41	* 2107.08	* 1959.13	* 1806.20
-1.0	2442.54	* 2438.53	* 2404.50	* 2370.96	* 2330.13	* 2270.80	* 2204.82	* 2097.75	* 1952.01	* 1801.17
-3.0	2439.01	* 2417.86	* 2394.86	* 2368.07	* 2337.52	* 2274.43	* 2187.31	* 2076.98	* 1936.10	* 1789.27
-5.0	2429.03	* 2407.62	* 2382.49	* 2360.91	* 2343.18	* 2270.56	* 2167.26	* 2053.64	* 1917.66	* 1774.79

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-2193 LED2800-L4 500MA 3# 140122_IESNA2002.IES

CANDELA TABULATION - (Cont.)

-7.0	2388.06 *	2383.65 *	2363.45 *	2338.43 *	2300.30 *	2231.68 *	2141.21 *	2029.71 *	1896.36 *	1757.55 *
-9.0	2334.93 *	2331.19 *	2328.62 *	2300.50 *	2247.92 *	2184.00 *	2104.49 *	1997.27 *	1871.69 *	1734.76 *
-11.0	2319.60 *	2290.99 *	2279.56 *	2250.67 *	2203.49 *	2138.46 *	2060.55 *	1960.05 *	1830.70 *	1702.54 *
-13.0	2281.67 *	2303.57 *	2255.08 *	2211.84 *	2172.92 *	2105.22 *	2016.95 *	1917.93 *	1788.22 *	1648.95 *
-15.0	2294.10 *	2301.69 *	2232.16 *	2184.11 *	2142.40 *	2077.21 *	1984.43 *	1870.44 *	1743.07 *	1595.92 *
-17.0	2253.05 *	2238.73 *	2201.41 *	2157.64 *	2110.96 *	2048.01 *	1955.77 *	1826.39 *	1691.34 *	1543.07 *
-19.5	2199.87 *	2185.44 *	2157.00 *	2113.60 *	2068.18 *	2008.57 *	1912.87 *	1786.22 *	1614.70 *	1477.31 *
-22.5	2132.09 *	2120.09 *	2093.77 *	2052.46 *	2009.48 *	1948.07 *	1856.61 *	1735.68 *	1566.54 *	1395.04 *
-25.5	2066.45 *	2050.59 *	2019.67 *	1983.03 *	1937.01 *	1869.51 *	1797.19 *	1675.48 *	1503.51 *	1321.67 *
-29.0	1949.49 *	1937.08 *	1911.62 *	1888.72 *	1846.45 *	1796.44 *	1699.17 *	1575.88 *	1410.13 *	1235.58 *
-33.0	1816.84 *	1783.96 *	1770.71 *	1756.40 *	1727.37 *	1658.15 *	1535.03 *	1443.09 *	1294.26 *	1128.92 *
-37.5	1662.07 *	1626.02 *	1579.20 *	1566.31 *	1541.13 *	1481.42 *	1393.81 *	1268.05 *	1140.60 *	982.95 *
-42.5	1459.45 *	1425.12 *	1380.94 *	1338.17 *	1310.07 *	1270.15 *	1187.06 *	1061.38 *	940.34 *	793.10 *
-47.5	1230.13 *	1197.97 *	1152.99 *	1093.17 *	1062.49 *	1027.53 *	963.31 *	852.79 *	716.02 *	600.74 *
-55.0	638.62 *	633.02 *	598.85 *	548.76 *	491.16 *	506.03 *	508.73 *	429.24 *	346.02 *	268.79 *
-65.0	33.59	33.64	33.13	27.73	24.40	30.15	40.44	31.46	30.61	17.65
-75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-85.0	21.66	30.22	40.87	31.62	18.75	3.84	9.51	25.89	28.47	10.26
-90.0	0.00	0.00	0.00	0.15	0.34	0.55	6.70	15.83	15.66	5.22

Vert. Angles

Horizontal Angles

	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0.00	1.01	1.01	0.00	0.00
85.0	0.00	0.00	0.00	0.00	0.00
75.0	54.51	45.70	2.88	0.00	0.00
65.0	268.24 *	116.34	39.28	0.02	0.00
55.0	559.70 *	298.96 *	68.55	0.15	0.00
47.5	833.11 *	415.58 *	103.12	1.12	0.00
42.5	1014.84 *	498.57 *	123.94	1.90	0.00
37.5	1153.02 *	586.98 *	141.89	2.70	0.00
33.0	1267.70 *	652.41 *	158.65	3.84	0.00
29.0	1350.53 *	699.60 *	175.39	4.90	0.00
25.5	1394.55 *	731.16 *	194.93	5.71	0.00
22.5	1422.89 *	750.99 *	211.86	6.31	0.00
19.5	1444.30 *	775.79 *	226.28	6.84	0.00
17.0	1459.35 *	797.23 *	235.06	7.21	0.00
15.0	1470.09 *	813.93 *	241.48	7.47	0.00
13.0	1485.73 *	830.06 *	247.35	7.69	0.00
11.0	1498.93 *	844.18 *	252.66	8.40	0.00
9.0	1510.33 *	856.21 *	257.41	8.38	0.00
7.0	1518.55 *	866.07 *	261.60	8.36	0.00
5.0	1523.63 *	873.66 *	267.02 *	8.34	0.00
3.0	1528.97 *	881.72 *	268.93 *	8.32	0.00
1.0	1524.85 *	882.08 *	270.84 *	8.29	0.00
0.0	1522.79 *	882.26 *	271.79 *	8.29	0.00
-1.0	1509.90 *	874.27 *	269.10 *	8.23	0.00
-3.0	1484.14 *	858.31 *	263.73	8.12	0.00
-5.0	1449.64 *	834.86 *	258.37	8.01	0.00
-7.0	1416.05 *	812.07 *	249.45	7.90	0.00
-9.0	1380.35 *	787.34 *	241.76	7.78	0.00
-11.0	1342.82 *	760.84 *	233.50	7.67	0.00
-13.0	1304.86 *	732.73 *	224.66	6.91	0.00
-15.0	1264.08 *	703.19 *	215.25	6.60	0.00
-17.0	1224.27 *	672.69 *	205.27	6.26	0.00
-19.5	1169.28 *	633.57 *	191.99	5.81	0.00
-22.5	1095.15 *	586.26 *	172.59	5.23	0.00
-25.5	1013.24 *	532.50 *	151.22	4.61	0.00
-29.0	904.74 *	472.41 *	126.87	3.84	0.00
-33.0	785.86 *	407.66 *	104.15	2.91	0.00

IES FLOOD REPORT**PHOTOMETRIC FILENAME : QC-2193 LED2800-L4 500MA 3# 140122_IESNA2002.IES****CANDELA TABULATION - (Cont.)**

-37.5	668.14 *	332.76 *	81.32	1.96	0.00
-42.5	533.52 *	246.12	60.22	1.34	0.00
-47.5	403.01 *	164.27	44.74	0.79	0.00
-55.0	221.56	78.26	23.22	0.15	0.00
-65.0	33.44	13.55	5.82	0.02	0.00
-75.0	0.00	0.00	0.00	0.00	0.00
-85.0	0.00	0.00	0.00	0.00	0.00
-90.0	0.00	0.00	0.00	0.00	0.00

IES FLOOD REPORT**PHOTOMETRIC FILENAME : QC-2193 LED2800-L4 500MA 3# 140122_IESNA2002.IES****LUMEN TABULATION**

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 3419.92

Total Field Lumens (one side of beam only) = 3372.25

* Indicates Values Inside Field Edge

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>1</u>	<u>3</u>	<u>5</u>	<u>7</u>	<u>9</u>	<u>11</u>	<u>13</u>	<u>15</u>	<u>17</u>
90										
85	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.02
75	0.19	0.44	0.51	0.57	0.60	0.62	0.60	0.57	0.54	0.63
65	1.78 *	3.64 *	3.71 *	3.76 *	3.78 *	3.74 *	3.61 *	3.47 *	3.31 *	3.93 *
55	4.18 *	8.40 *	8.41 *	8.38 *	8.34 *	8.21 *	8.01 *	7.78 *	7.51 *	9.05 *
47.5	4.22 *	8.46 *	8.45 *	8.41 *	8.35 *	8.24 *	8.09 *	7.92 *	7.73 *	9.42 *
42.5	3.12 *	6.24 *	6.23 *	6.20 *	6.15 *	6.08 *	5.98 *	5.89 *	5.79 *	7.12 *
37.5	3.28 *	6.57 *	6.56 *	6.54 *	6.48 *	6.40 *	6.31 *	6.24 *	6.17 *	7.59 *
33	3.14 *	6.31 *	6.32 *	6.30 *	6.23 *	6.14 *	6.04 *	5.98 *	5.93 *	7.28 *
29	2.97 *	5.95 *	5.96 *	5.93 *	5.86 *	5.78 *	5.70 *	5.63 *	5.57 *	6.81 *
25.5	2.67 *	5.34 *	5.33 *	5.30 *	5.24 *	5.19 *	5.14 *	5.07 *	4.98 *	6.08 *
22.5	2.31 *	4.62 *	4.61 *	4.59 *	4.55 *	4.51 *	4.46 *	4.40 *	4.32 *	5.28 *
19.5	2.34 *	4.69 *	4.67 *	4.65 *	4.61 *	4.57 *	4.51 *	4.45 *	4.38 *	5.37 *
17	1.98 *	3.96 *	3.94 *	3.91 *	3.89 *	3.85 *	3.80 *	3.74 *	3.68 *	4.53 *
15	1.60 *	3.20 *	3.18 *	3.15 *	3.13 *	3.10 *	3.05 *	3.01 *	2.98 *	3.65 *
13	1.60 *	3.20 *	3.19 *	3.16 *	3.14 *	3.10 *	3.07 *	3.04 *	2.99 *	3.65 *
11	1.60 *	3.20 *	3.19 *	3.17 *	3.15 *	3.12 *	3.09 *	3.05 *	2.99 *	3.64 *
9	1.60 *	3.21 *	3.19 *	3.18 *	3.15 *	3.13 *	3.10 *	3.05 *	2.99 *	3.64 *
7	1.60 *	3.20 *	3.19 *	3.18 *	3.17 *	3.15 *	3.11 *	3.05 *	2.99 *	3.66 *
5	1.60 *	3.20 *	3.19 *	3.18 *	3.17 *	3.14 *	3.10 *	3.04 *	2.99 *	3.66 *
3	1.59 *	3.18 *	3.17 *	3.17 *	3.15 *	3.12 *	3.07 *	3.03 *	2.97 *	3.63 *
1	1.58 *	3.16 *	3.15 *	3.13 *	3.10 *	3.06 *	3.03 *	2.98 *	2.93 *	3.57 *
0	0.78 *	1.56 *	1.54 *	1.53 *	1.51 *	1.50 *	1.49 *	1.47 *	1.44 *	1.75 *
-1	0.78 *	1.55 *	1.54 *	1.53 *	1.51 *	1.49 *	1.48 *	1.46 *	1.43 *	1.74 *
-3	1.55 *	3.09 *	3.09 *	3.08 *	3.04 *	3.00 *	2.96 *	2.91 *	2.85 *	3.48 *
-5	1.53 *	3.05 *	3.04 *	3.02 *	3.01 *	2.98 *	2.94 *	2.89 *	2.85 *	3.48 *
-7	1.50 *	3.01 *	3.00 *	2.97 *	2.95 *	2.93 *	2.89 *	2.85 *	2.82 *	3.47 *
	1.48 *	2.95 *	2.95 *	2.93 *	2.90 *	2.88 *	2.84 *	2.80 *	2.77 *	3.41 *

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-2193 LED2800-L4 500MA 3# 140122_IESNA2002.IES

LUMENS TABULATION - (Cont.)

-9	1.46 *	2.91 *	2.90 *	2.88 *	2.86 *	2.83 *	2.80 *	2.76 *	2.71 *	3.33 *
-11	1.44 *	2.87 *	2.86 *	2.85 *	2.82 *	2.80 *	2.77 *	2.73 *	2.69 *	3.29 *
-13	1.42 *	2.83 *	2.83 *	2.82 *	2.79 *	2.77 *	2.74 *	2.70 *	2.67 *	3.27 *
-15	1.40 *	2.80 *	2.79 *	2.78 *	2.76 *	2.74 *	2.71 *	2.68 *	2.65 *	3.23 *
-17	1.73 *	3.45 *	3.44 *	3.43 *	3.41 *	3.38 *	3.34 *	3.30 *	3.24 *	3.97 *
-19.5	2.05 *	4.08 *	4.05 *	4.04 *	4.03 *	3.99 *	3.93 *	3.87 *	3.80 *	4.65 *
-22.5	2.00 *	3.97 *	3.94 *	3.93 *	3.92 *	3.88 *	3.82 *	3.76 *	3.69 *	4.49 *
-25.5	2.23 *	4.43 *	4.40 *	4.38 *	4.37 *	4.33 *	4.27 *	4.21 *	4.13 *	5.02 *
-29	2.40 *	4.78 *	4.75 *	4.72 *	4.70 *	4.66 *	4.60 *	4.51 *	4.41 *	5.37 *
-33	2.50 *	4.98 *	4.94 *	4.91 *	4.88 *	4.84 *	4.77 *	4.67 *	4.55 *	5.51 *
-37.5	2.49 *	4.95 *	4.91 *	4.87 *	4.83 *	4.80 *	4.74 *	4.65 *	4.52 *	5.44 *
-42.5	2.14 *	4.26 *	4.22 *	4.16 *	4.12 *	4.09 *	4.06 *	4.00 *	3.89 *	4.67 *
-47.5	2.25 *	4.46 *	4.37 *	4.26 *	4.17 *	4.16 *	4.16 *	4.14 *	4.06 *	4.86 *
-55	1.09 *	2.14 *	2.06 *	1.96 *	1.89 *	1.90 *	1.95 *	1.97 *	1.96 *	2.35 *
-65	0.05	0.09	0.09	0.08	0.07	0.08	0.10	0.10	0.10	0.13
-75	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.05	0.07
-85	0.02	0.04	0.03	0.02	0.01	0.00	0.01	0.01	0.02	0.03
-90	79.23	158.40	157.92	157.02	155.83	154.26	152.27	149.87	147.04	179.23

Vert. Angles Horizontal Angles

	<u>19.5</u>	<u>22.5</u>	<u>25.5</u>	<u>29</u>	<u>33</u>	<u>37.5</u>	<u>42.5</u>	<u>47.5</u>	<u>55</u>	<u>65</u>
90	0.03	0.02	0.01	0.00	0.00	0.00	0.00	0.01	0.03	0.01
85	0.74	0.75	0.83	0.83	0.71	0.65	0.59	0.66	0.51	0.16
75	4.54 *	4.39 *	4.82 *	4.88 *	4.54 *	4.13 *	3.38 *	3.42	2.14	0.60
65	10.47 *	10.04 *	10.90 *	11.12 *	10.83 *	10.18 *	8.24 *	8.25 *	5.18 *	1.47
55	10.94 *	10.49 *	11.44 *	11.87 *	11.92 *	11.49 *	9.36 *	9.67 *	6.38 *	1.84
47.5	8.31 *	7.95 *	8.72 *	9.21 *	9.40 *	9.14 *	7.49 *	8.03 *	5.49 *	1.57 *
42.5	8.87 *	8.51 *	9.42 *	10.11 *	10.38 *	10.05 *	8.31 *	9.16 *	6.41 *	1.84 *
37.5	8.49 *	8.17 *	9.10 *	9.86 *	10.10 *	9.67 *	8.07 *	9.07 *	6.44 *	1.88 *
33	7.93 *	7.65 *	8.56 *	9.24 *	9.37 *	8.97 *	7.54 *	8.58 *	6.20 *	1.82 *
29	7.08 *	6.87 *	7.70 *	8.25 *	8.35 *	8.06 *	6.79 *	7.77 *	5.69 *	1.68 *

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-2193 LED2800-L4 500MA 3# 140122_IESNA2002.IES

LUMENS TABULATION - (Cont.)

25.5	6.17 *	5.99 *	6.67 *	7.11 *	7.25 *	7.08 *	5.96 *	6.81 *	5.00 *	1.50 *
22.5	6.29 *	6.06 *	6.72 *	7.17 *	7.37 *	7.22 *	6.10 *	6.96 *	5.10 *	1.55 *
19.5	5.29 *	5.08 *	5.63 *	6.03 *	6.23 *	6.10 *	5.17 *	5.90 *	4.31 *	1.33 *
17	4.23 *	4.06 *	4.53 *	4.88 *	5.04 *	4.92 *	4.16 *	4.76 *	3.49 *	1.08 *
15	4.22 *	4.08 *	4.57 *	4.92 *	5.06 *	4.92 *	4.17 *	4.78 *	3.52 *	1.10 *
13	4.23 *	4.11 *	4.61 *	4.95 *	5.06 *	4.91 *	4.17 *	4.79 *	3.54 *	1.11 *
11	4.27 *	4.14 *	4.62 *	4.95 *	5.05 *	4.90 *	4.16 *	4.79 *	3.56 *	1.13 *
9	4.28 *	4.14 *	4.61 *	4.94 *	5.04 *	4.89 *	4.15 *	4.78 *	3.58 *	1.14 *
7	4.26 *	4.10 *	4.57 *	4.91 *	5.00 *	4.86 *	4.13 *	4.77 *	3.58 *	1.14 *
5	4.22 *	4.05 *	4.51 *	4.84 *	4.94 *	4.82 *	4.10 *	4.76 *	3.58 *	1.15 *
3	4.14 *	3.98 *	4.44 *	4.76 *	4.87 *	4.77 *	4.08 *	4.74 *	3.57 *	1.15 *
1	2.04 *	1.96 *	2.19 *	2.35 *	2.41 *	2.36 *	2.03 *	2.36 *	1.77 *	0.57 *
0	2.02 *	1.95 *	2.18 *	2.33 *	2.40 *	2.35 *	2.02 *	2.35 *	1.77 *	0.57 *
-1	4.06 *	3.92 *	4.37 *	4.66 *	4.77 *	4.68 *	4.01 *	4.66 *	3.50 *	1.13 *
-3	4.06 *	3.93 *	4.37 *	4.65 *	4.74 *	4.64 *	3.98 *	4.60 *	3.44 *	1.11 *
-5	4.04 *	3.90 *	4.34 *	4.61 *	4.70 *	4.60 *	3.94 *	4.54 *	3.37 *	1.08 *
-7	3.98 *	3.83 *	4.25 *	4.53 *	4.64 *	4.55 *	3.90 *	4.47 *	3.30 *	1.05 *
-9	3.90 *	3.75 *	4.16 *	4.44 *	4.56 *	4.47 *	3.83 *	4.39 *	3.22 *	1.02 *
-11	3.83 *	3.68 *	4.08 *	4.36 *	4.46 *	4.36 *	3.74 *	4.29 *	3.14 *	0.99 *
-13	3.78 *	3.63 *	4.02 *	4.29 *	4.37 *	4.25 *	3.64 *	4.17 *	3.05 *	0.96 *
-15	3.74 *	3.59 *	3.97 *	4.23 *	4.28 *	4.13 *	3.53 *	4.05 *	2.95 *	0.92 *
-17	4.62 *	4.42 *	4.88 *	5.18 *	5.22 *	5.01 *	4.26 *	4.87 *	3.54 *	1.09 *
-19.5	5.41 *	5.18 *	5.71 *	6.06 *	6.10 *	5.84 *	4.90 *	5.54 *	4.01 *	1.23 *
-22.5	5.22 *	5.00 *	5.52 *	5.85 *	5.92 *	5.65 *	4.68 *	5.20 *	3.72 *	1.12 *
-25.5	5.82 *	5.58 *	6.16 *	6.51 *	6.58 *	6.28 *	5.14 *	5.61 *	3.94 *	1.17 *
-29	6.24 *	6.00 *	6.61 *	6.92 *	6.95 *	6.64 *	5.43 *	5.81 *	3.95 *	1.17 *
-33	6.40 *	6.16 *	6.79 *	7.08 *	7.06 *	6.71 *	5.50 *	5.76 *	3.79 *	1.10
-37.5	6.26 *	6.00 *	6.62 *	6.92 *	6.83 *	6.41 *	5.20 *	5.36 *	3.43 *	0.96
-42.5	5.31 *	5.02 *	5.52 *	5.78 *	5.67 *	5.21 *	4.12 *	4.20 *	2.61 *	0.70
-47.5	5.44 *	5.03 *	5.50 *	5.88 *	5.78 *	5.14 *	3.93 *	4.05 *	2.53	0.64

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-2193 LED2800-L4 500MA 3# 140122_IESNA2002.IES

LUMENS TABULATION - (Cont.)

-55	2.58 *	2.30 *	2.51	2.83 *	2.83	2.46	1.80	1.95	1.33	0.33
-65	0.13	0.11	0.13	0.18	0.19	0.18	0.13	0.18	0.18	0.05
-75	0.08	0.05	0.03	0.02	0.05	0.08	0.05	0.02	0.00	0.00
-85	0.04	0.03	0.01	0.01	0.04	0.06	0.04	0.01	0.00	0.00
-90										
Total	208.00	199.66	220.90	234.49	237.04	227.79	189.91	210.91	149.82	45.22

Vert. Angles	Horizontal Angles		
	<u>75</u>	<u>85</u>	<u>90</u>
<u>Total</u>			
90	0.00	0.00	0.20
85	0.01	0.00	11.71
75	0.06	0.00	71.62
65	0.15	0.00	165.11
55	0.19	0.00	174.88
47.5	0.17	0.00	134.26
42.5	0.19	0.00	145.41
37.5	0.20	0.00	140.73
33	0.19	0.00	132.20
29	0.18	0.00	118.75
25.5	0.16	0.00	103.37
22.5	0.17	0.00	104.94
19.5	0.15	0.00	88.50
17	0.13	0.00	71.32
15	0.13	0.00	71.61
13	0.13	0.00	71.82
11	0.13	0.00	71.97
9	0.14	0.00	71.97
7	0.14	0.00	71.71
5	0.14	0.00	71.19
3	0.14	0.00	70.32
1	0.07	0.00	34.67
0	0.07	0.00	34.51

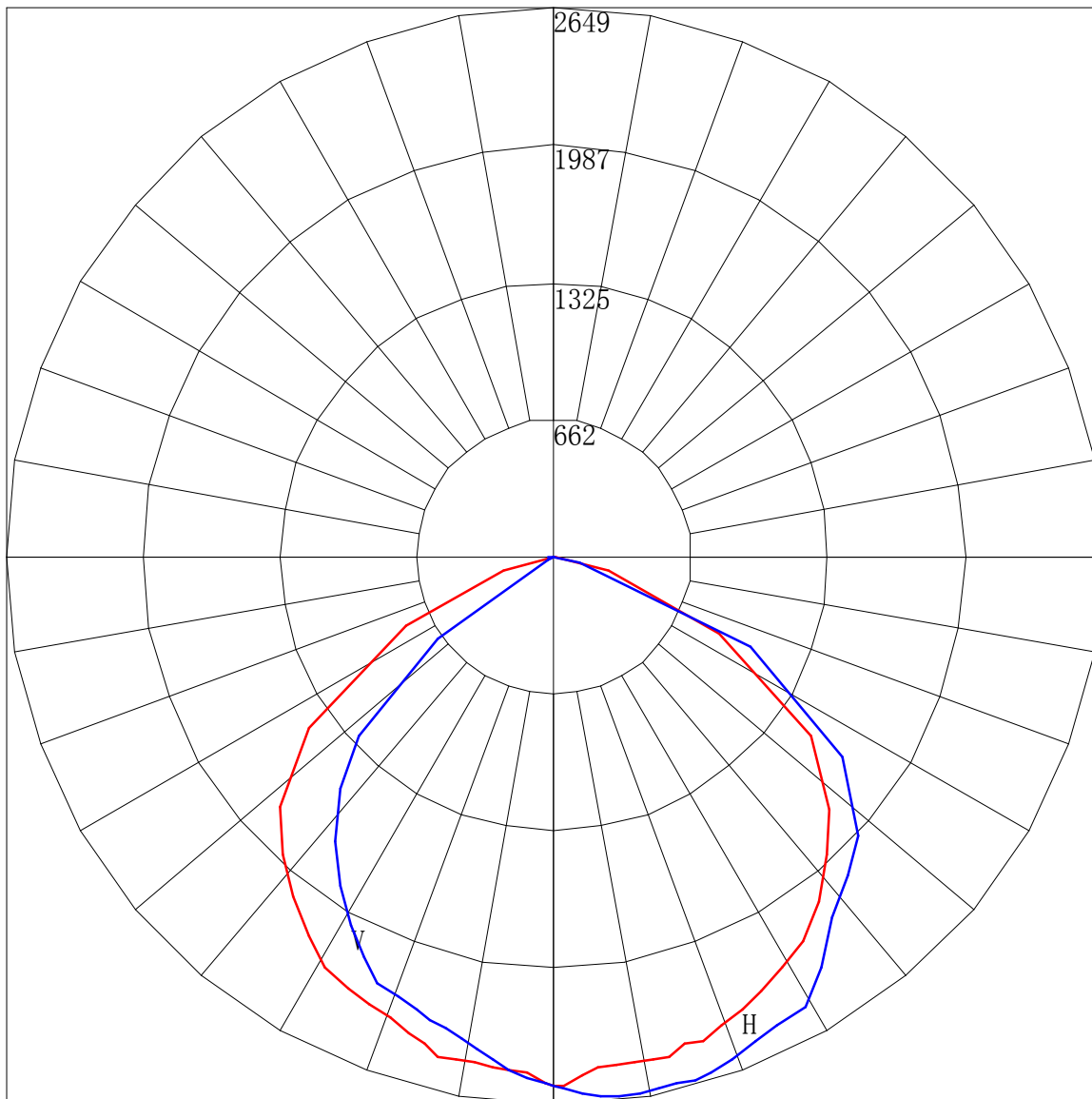
IES FLOOD REPORT**PHOTOMETRIC FILENAME : QC-2193 LED2800-L4 500MA 3# 140122_IESNA2002.IES****LUMENS TABULATION - (Cont.)**

-1	0.14	0.00	68.94
-3	0.14	0.00	68.45
-5	0.13	0.00	67.65
-7	0.13	0.00	66.54
-9	0.12	0.00	65.33
-11	0.12	0.00	64.17
-13	0.11	0.00	63.10
-15	0.11	0.00	62.02
-17	0.13	0.00	75.92
-19.5	0.14	0.00	88.61
-22.5	0.13	0.00	85.42
-25.5	0.13	0.00	94.70
-29	0.12	0.00	100.72
-33	0.11	0.00	103.02
-37.5	0.10	0.00	100.30
-42.5	0.07	0.00	83.81
-47.5	0.07	0.00	84.89
-55	0.04	0.00	40.23
-65	0.01	0.00	2.35
-75	0.00	0.00	0.55
-85	0.00	0.00	0.44
-90			
Total	5.10	0.01	3419.92

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-2193 LED2800-L4 500MA 3# 140122_IESNA2002.IES

AXIAL CANDELA DISPLAY

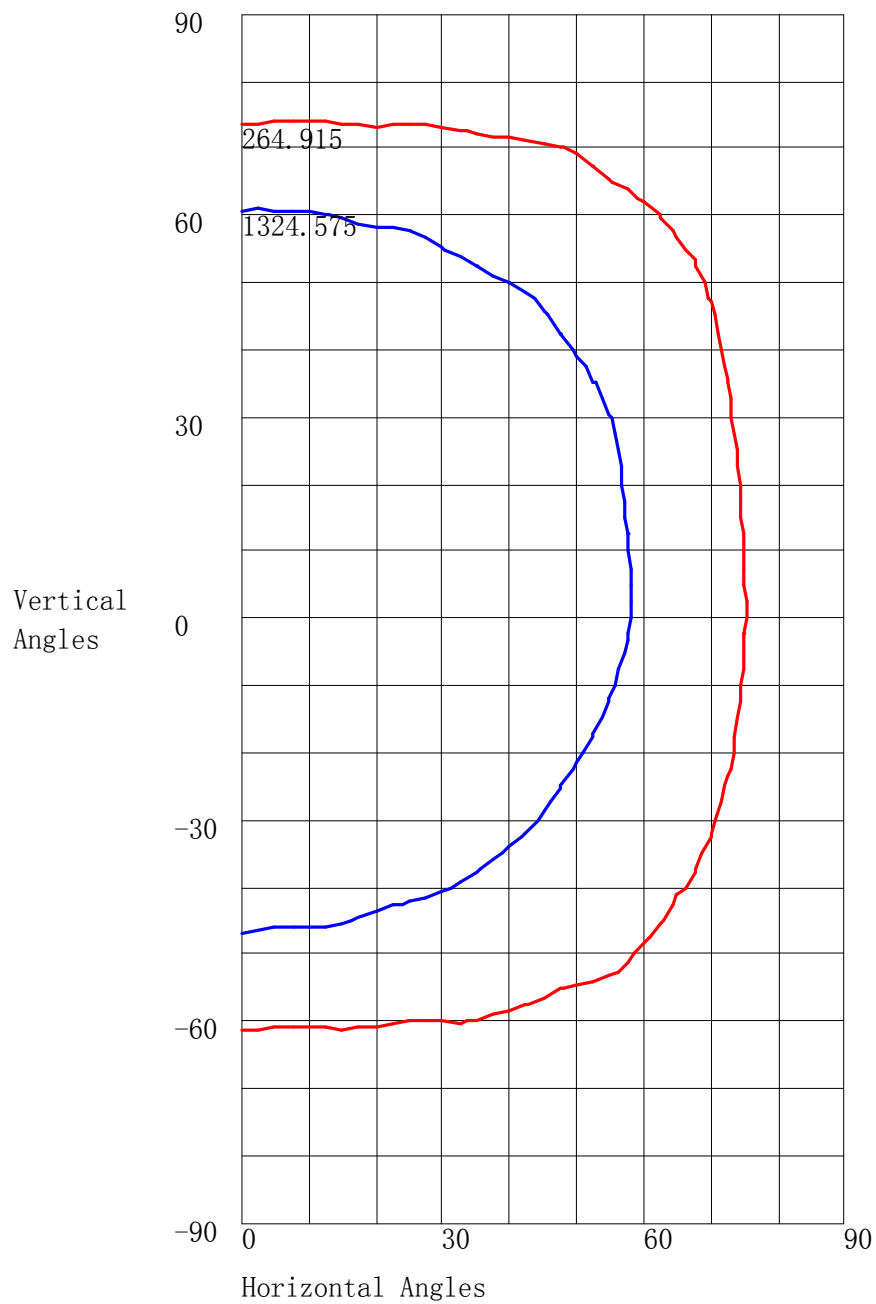


Maximum Candela = 2649.15 Located At Horizontal Angle = -3, Vertical Angle = 15

H - Horizontal Axial Candela

V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 2649.15 Located At Horizontal Angle = -3, Vertical Angle = 15
50% Maximum Candela = 1324.575
10% Maximum Candela = 264.915