



Catalog Number 71314
UPC Number 60198671314
Description LED Floodlight
 3600 Lumen
 Slip Fitter Mount

Features

- Cree XTE LED's
- Voltage: 120-277Vac (120/208/240/277V)
- Dark Sky Compliant Pole Mount #71315 (DLC Pending)
- cULus listed for Wet Locations
- IP65 Dust & Water Tight
- Integral Cooling Fin Releases the Heat Efficiently to Maintain the Life of LED's & LED Drive
- Corrosion Resistant Die Cast Aluminum Housing
- Superior Architectural Bronze Powder Coat Finish
- Stainless Steel Hardware
- Waterproof & Durable Silicone Rubber Gaskets keep out Water & Bugs
- Tempered Glass Lens
- Anodized Aluminum Reflector
- Color Temperature: 4700K Cool White
- CRI: 72+
- Light Pattern: 120° Beam Spread Flood
- Starting Temperature: -22°F
- Operation Temperature: -22°F to 104°F
- Input Current: 0.6-0.15 Amps
- Power Consumption: 46-48 Watts
- 60,000+ Hour LED Life Expectancy
- Weight: 7.1 Pounds
- DLC (Design Light Consortium) Approval Pending
- 5 Year Warranty

General

Lumen Output: 3600-3800 +/-
 Color Temperature: 4700K Cool White
 CRI: 72+
 Light Pattern: 120° Beam Spread
 Operation Temperature: -22°F to 104°F
 Housing: IP65 Rated Cast Aluminum-Tempered Glass Lens

Dimension Information

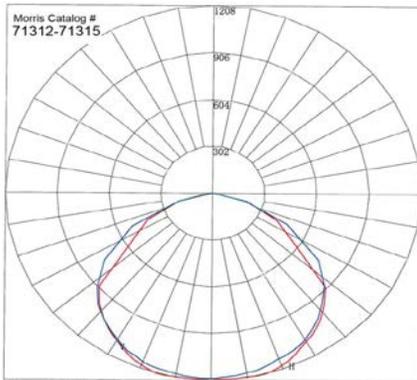
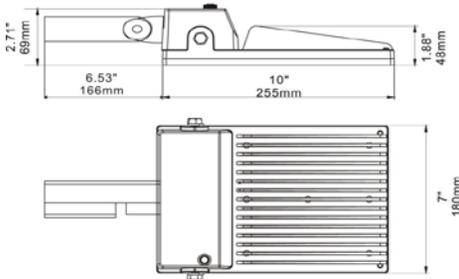
Length: 10"
 Width: 7"
 Height: 2.71"

Specifications

Voltage: 120/208/240/277
 Input Current: 0.15 Amps
 Power Consumption: 46-48 Watts

Packaging

Box Qty 1
 Master Box Qty 6





IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-1686 LED-1571 LED20PCS 700MA 20121110_.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-79-08
[TEST] QC-1686
[TESTLAB]
[TESTDATE] 2012-11-10
[ISSUE DATE] 2012-11-10 17:08:30
[LAMP POSITION] 0,0
[OTHER] EVERFINE GO-R3000(2M3D) SYSTEM
[MANUFAC] MORRIS Products Inc.
[LUMCAT] 71312, 71313, 71314, 71315
[LUMINAIRE] LED20PCS with frame,glass
[LAMP] XTE 4700K
[BALLAST] LF-1048-88
[LUMEN PER WATT] 77.830lm/W
[TEMPERATURE] 25.5°C TEST 15:00~~~17:00

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

CHARACTERISTICS

NEMA Type	7 H x 7 V
Maximum Candela	1207.842
Maximum Candela Angle	-11H 0V
Horizontal Beam Angle (50%)	109.4
Vertical Beam Angle (50%)	121.4
Horizontal Field Angle (10%)	158.4
Vertical Field Angle (10%)	158.0
Lumens Per Lamp	4206 (1 lamp)
Total Lamp Lumens	4206
Beam Lumens	2926
Beam Efficiency	70 %
Field Lumens	3559
Field Efficiency	85 %
Spill Lumens	69
Luminaire Lumens	3628
Total Efficiency	86 %
Total Luminaire Watts	46.6
Ballast Factor	0.99



IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-1686 LED-1571 LED20PCS 700MA 20121110_IES

AXIAL CANDELA

DEG.	HOR.	DEG.	VERT.
90	.006	90	.02
85	3.02	85	9.98
75	206.43	75	202.59
65	415.65	65	475.9
55	591.93	55	753.77
47.5	891.06	47.5	882.135
42.5	969.925	42.5	950.88
37.5	1034.085	37.5	1014.805
33	1080.608	33	1061.432
29	1111.204	29	1093.03
25.5	1144.433	25.5	1117.25
22.5	1169.115	22.5	1129.965
19.5	1190.878	19.5	1142.032
17	1200.018	17	1156.092
15	1207.33	15	1167.34
13	1207.586	13	1173.112
11	1207.842	11	1178.884
9	1207.72	9	1183.598
7	1207.22	7	1187.254
5	1206.72	5	1190.91
3	1203.384	3	1193.898
1	1200.047	1	1196.885
0	1198.379	0	1198.379
-1	1200.047	-1	1197.841
-3	1203.384	-3	1196.766
-5	1206.72	-5	1195.69
-7	1207.22	-7	1190.782
-9	1207.72	-9	1185.874
-11	1207.842	-11	1182.332
-13	1207.586	-13	1180.156
-15	1207.33	-15	1177.98
-17	1200.018	-17	1170.64
-19.5	1190.878	-19.5	1161.465
-22.5	1169.115	-22.5	1147.11
-25.5	1144.433	-25.5	1130.647
-29	1111.204	-29	1103.046
-33	1080.608	-33	1071.706
-37.5	1034.085	-37.5	1035.995
-42.5	969.925	-42.5	983.075
-47.5	891.06	-47.5	906.93
-55	591.93	-55	765.41
-65	415.65	-65	516.21
-75	206.43	-75	207.92
-85	3.02	-85	18.07
-90	.006	-90	.036

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-1686 LED-1571 LED20PCS 700MA 20121110_IES

CANDELA TABULATION

Maximum Candela = 1207.842

Beam Edge = 603.921 Cd (50% of Max.)

Field Edge = 120.7842 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	0.000	0.000	0.002	0.003	0.005	0.009	0.008	0.010	0.016	0.020
85.0	0.001	0.172	0.804	1.408	2.546	4.666	3.785	4.761	7.862	9.929
75.0	0.002	0.520	2.243	19.586	44.692	76.700	95.533	109.489	124.251 *	136.608 *
65.0	0.003	0.875	19.641	77.040	163.820 *	223.475 *	252.303 *	279.365 *	333.054 *	391.213 *
55.0	0.003	1.240	48.724	183.697 *	280.042 *	358.831 *	408.259 *	506.527 *	598.240 *	660.663 *
47.5	0.004	1.518	68.585	242.724 *	356.297 *	456.577 *	582.663 *	688.063 *	747.914 *	785.468 *
42.5	0.004	1.704	90.847	272.556 *	403.335 *	504.521 *	667.683 *	778.992 *	820.300 *	854.620 *
37.5	0.005	1.890	112.451	300.132 *	444.581 *	590.535 *	746.377 *	834.957 *	882.061 *	915.849 *
33.0	0.005	2.054	130.827 *	321.574 *	478.717 *	661.937 *	793.681 *	875.897 *	928.704 *	961.371 *
29.0	0.005	2.197	145.777 *	338.040 *	503.374 *	705.982 *	844.095 *	906.745 *	958.446 *	1000.188 *
25.5	0.005	2.318	157.708 *	350.745 *	524.609 *	748.528 *	872.698 *	931.358 *	980.734 *	1019.760 *
22.5	0.006	2.419	167.029 *	360.306 *	537.555 *	787.002 *	895.499 *	953.307 *	996.378 *	1036.401 *
19.5	0.006	2.517	175.472 *	371.787 *	545.838 *	820.523 *	916.536 *	974.217 *	1016.149 *	1052.622 *
17.0	0.006	2.595	181.809 *	380.653 *	549.367 *	838.730 *	924.875 *	990.696 *	1030.794 *	1064.248 *
15.0	0.006	2.655	186.405 *	387.088 *	550.126 *	842.371 *	929.562 *	999.809 *	1040.574 *	1072.585 *
13.0	0.006	2.713	190.569 *	392.926 *	556.501 *	845.180 *	933.238 *	1003.973 *	1048.146 *	1079.692 *
11.0	0.006	2.820	194.290 *	398.154 *	564.017 *	847.323 *	936.257 *	1007.635 *	1053.207 *	1085.771 *
9.0	0.006	2.856	197.559 *	402.765 *	570.829 *	857.874 *	939.710 *	1010.702 *	1057.404 *	1091.522 *
7.0	0.006	2.892	200.365 *	406.748 *	576.904 *	867.187 *	948.772 *	1014.985 *	1060.931 *	1096.491 *
5.0	0.006	2.929	204.240 *	410.096 *	582.211 *	875.427 *	956.386 *	1021.561 *	1067.235 *	1100.986 *
3.0	0.006	2.965	205.115 *	413.536 *	587.682 *	882.551 *	962.675 *	1027.314 *	1073.341 *	1105.822 *
1.0	0.006	3.002	205.991 *	414.945 *	590.513 *	888.520 *	967.775 *	1032.100 *	1078.407 *	1109.685 *
0.0	0.006	3.020	206.430 *	415.650 *	591.930 *	891.060 *	969.925 *	1034.085 *	1080.608 *	1111.204 *
-1.0	0.006	3.020	206.008 *	414.706 *	590.327 *	889.110 *	968.102 *	1031.500 *	1077.505 *	1108.564 *
-3.0	0.006	2.984	205.165 *	412.820 *	587.124 *	884.299 *	963.717 *	1025.535 *	1070.637 *	1102.505 *
-5.0	0.006	2.961	204.323 *	408.922 *	581.292 *	878.269 *	958.324 *	1018.670 *	1062.741 *	1095.609 *
-7.0	0.006	2.937	200.481 *	405.130 *	575.634 *	871.019 *	951.902 *	1011.090 *	1054.717 *	1090.588 *
-9.0	0.006	2.913	197.707 *	400.729 *	569.225 *	862.551 *	944.439 *	1004.967 *	1049.514 *	1085.381 *
-11.0	0.006	2.890	194.471 *	395.734 *	562.099 *	852.877 *	936.857 *	999.353 *	1043.301 *	1078.679 *
-13.0	0.006	2.793	190.782 *	390.161 *	554.294 *	844.223 *	928.148 *	992.963 *	1035.952 *	1075.969 *
-15.0	0.006	2.746	186.651 *	384.024 *	546.218 *	834.834 *	918.091 *	985.847 *	1031.461 *	1074.256 *
-17.0	0.006	2.697	182.086 *	377.342 *	538.847 *	824.689 *	906.203 *	976.055 *	1027.519 *	1071.103 *
-19.5	0.006	2.632	175.789 *	368.249 *	528.544 *	796.514 *	888.696 *	965.548 *	1020.295 *	1061.842 *
-22.5	0.006	2.549	167.392 *	356.334 *	514.618 *	747.510 *	876.003 *	951.926 *	1006.896 *	1039.225 *
-25.5	0.005	2.460	158.116 *	343.595 *	499.041 *	704.315 *	861.211 *	937.465 *	982.413 *	1013.345 *
-29.0	0.005	2.352	146.236 *	327.212 *	478.864 *	661.668 *	841.595 *	909.284 *	952.569 *	985.101 *
-33.0	0.005	2.221	131.342 *	306.574 *	453.660 *	623.154 *	785.469 *	867.846 *	917.424 *	954.093 *
-37.5	0.005	2.066	113.026	279.961 *	425.692 *	577.443 *	721.297 *	812.503 *	868.034 *	912.032 *
-42.5	0.004	1.886	90.836	244.982 *	390.725 *	489.934 *	620.359 *	753.458 *	809.115 *	854.089 *
-47.5	0.004	1.700	66.898	206.926 *	349.520 *	433.702 *	481.535 *	639.009 *	738.915 *	777.889 *
-55.0	0.003	1.411	45.788	149.433 *	280.940 *	341.839 *	383.603 *	473.777 *	581.538 *	638.986 *
-65.0	0.003	1.015	17.213	66.325	166.661 *	208.192 *	247.910 *	284.247 *	312.099 *	352.585 *
-75.0	0.002	0.611	1.109	16.578	42.068	55.532	89.963	116.124	125.169 *	130.302 *
-85.0	0.001	0.204	0.368	0.625	0.523	1.045	3.524	4.525	3.579	3.424
-90.0	0.000	0.000	0.001	0.001	0.001	0.002	0.007	0.009	0.007	0.007

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	0.018	0.016	0.015	0.018	0.021	0.023	0.026	0.026	0.025	0.024
85.0	9.044	8.202	7.681	9.181	10.396	11.619	13.087	13.332	12.587	11.842
75.0	148.136 *	159.861 *	172.853 *	185.447 *	194.772 *	203.399 *	211.372 *	215.682 *	213.456 *	212.289 *
65.0	424.615 *	438.878 *	450.391 *	464.608 *	480.021 *	494.254 *	507.276 *	518.379 *	511.592 *	503.173 *

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-1686 LED-1571 LED20PCS 700MA 20121110_IES

CANDELA TABULATION - (Cont.)

55.0	690.790	* 700.710	* 707.941	* 712.521	* 722.391	* 732.837	* 742.060	* 750.097	* 753.975	* 755.078	*
47.5	815.486	* 836.589	* 846.825	* 853.358	* 856.977	* 866.953	* 876.151	* 884.518	* 890.520	* 889.569	*
42.5	882.439	* 901.886	* 915.365	* 924.722	* 931.172	* 938.719	* 948.463	* 957.169	* 964.840	* 962.791	*
37.5	941.452	* 959.203	* 976.437	* 987.448	* 995.018	* 1000.063	*1007.483	*1014.733	*1020.756	*1021.985	*
33.0	985.116	* 1003.542	*1020.427	*1032.964	*1040.171	*1046.639	*1050.314	*1055.077	*1060.169	*1064.112	*
29.0	1018.833	*1034.892	*1052.386	*1064.837	*1072.497	*1074.526	*1074.111	*1077.800	*1087.729	*1097.096	*
25.5	1044.713	*1059.970	*1073.746	*1087.640	*1097.038	*1101.311	*1100.974	*1100.206	*1110.221	*1119.735	*
22.5	1062.256	*1078.701	*1092.256	*1102.684	*1112.176	*1120.870	*1123.629	*1122.738	*1126.252	*1134.933	*
19.5	1077.835	*1094.624	*1105.860	*1116.947	*1126.142	*1134.143	*1141.301	*1141.151	*1139.717	*1148.134	*
17.0	1090.876	*1103.201	*1114.476	*1127.158	*1136.361	*1144.171	*1151.806	*1155.563	*1154.439	*1158.281	*
15.0	1097.698	*1109.160	*1122.115	*1135.907	*1145.680	*1152.781	*1158.556	*1163.962	*1165.098	*1166.612	*
13.0	1103.959	*1116.334	*1130.177	*1144.725	*1155.502	*1161.342	*1165.883	*1171.090	*1174.084	*1173.824	*
11.0	1111.798	*1127.775	*1139.153	*1152.534	*1160.946	*1169.759	*1175.238	*1177.040	*1178.758	*1179.736	*
9.0	1119.458	*1138.513	*1148.920	*1158.875	*1164.616	*1173.528	*1181.905	*1184.018	*1183.879	*1184.089	*
7.0	1125.197	*1145.196	*1157.298	*1166.525	*1173.613	*1178.206	*1182.656	*1189.742	*1191.545	*1189.446	*
5.0	1129.871	*1152.094	*1169.650	*1178.095	*1184.636	*1187.180	*1188.421	*1191.501	*1195.253	*1195.898	*
3.0	1136.355	*1159.540	*1180.620	*1190.201	*1197.283	*1198.224	*1197.821	*1196.352	*1195.673	*1198.080	*
1.0	1142.052	*1166.239	*1187.663	*1196.988	*1204.636	*1205.246	*1206.018	*1206.108	*1205.121	*1203.231	*
0.0	1144.433	*1169.115	*1190.878	*1200.018	*1207.330	*1207.586	*1207.842	*1207.720	*1207.220	*1206.720	*
-1.0	1140.367	*1164.347	*1185.447	*1193.596	*1200.000	*1200.281	*1200.622	*1199.463	*1195.625	*1191.110	*
-3.0	1131.369	*1153.869	*1174.186	*1180.338	*1185.783	*1187.936	*1188.918	*1188.507	*1189.287	*1193.774	*
-5.0	1122.105	*1145.001	*1165.551	*1172.811	*1178.148	*1181.048	*1183.217	*1185.004	*1188.616	*1187.876	*
-7.0	1118.087	*1139.592	*1156.816	*1166.901	*1173.825	*1179.129	*1179.723	*1182.305	*1186.079	*1187.647	*
-9.0	1112.868	*1134.182	*1152.014	*1165.327	*1170.772	*1169.873	*1169.872	*1173.342	*1178.062	*1187.502	*
-11.0	1108.604	*1128.020	*1146.282	*1157.730	*1156.461	*1155.442	*1160.237	*1164.168	*1175.630	*1181.422	*
-13.0	1107.420	*1122.834	*1134.015	*1139.760	*1140.589	*1147.355	*1152.266	*1162.733	*1171.988	*1174.171	*
-15.0	1108.207	*1116.057	*1119.360	*1124.238	*1133.727	*1140.707	*1150.214	*1161.682	*1165.263	*1167.206	*
-17.0	1102.625	*1106.424	*1107.434	*1118.871	*1127.941	*1136.782	*1149.082	*1157.511	*1157.864	*1160.491	*
-19.5	1083.312	*1094.138	*1101.991	*1113.024	*1122.517	*1131.989	*1142.615	*1145.508	*1146.836	*1151.228	*
-22.5	1061.360	*1077.630	*1092.761	*1102.667	*1111.829	*1121.292	*1126.871	*1129.225	*1132.765	*1137.780	*
-25.5	1041.014	*1058.871	*1074.790	*1088.813	*1097.559	*1105.002	*1110.468	*1114.176	*1117.881	*1122.140	*
-29.0	1014.100	*1034.202	*1052.050	*1065.063	*1074.078	*1082.033	*1089.990	*1095.236	*1095.965	*1095.754	*
-33.0	984.519	* 1005.007	*1021.231	*1033.761	*1041.180	*1047.412	*1052.649	*1056.766	*1059.491	*1061.968	*
-37.5	941.007	* 959.779	* 977.489	* 990.845	* 1000.000	*1006.066	*1009.699	*1012.260	*1014.201	*1019.522	*
-42.5	878.549	* 897.729	* 916.681	* 931.285	* 940.543	* 946.624	* 949.394	* 951.373	* 952.502	* 961.742	*
-47.5	803.422	* 824.070	* 846.234	* 861.764	* 871.737	* 874.266	* 876.105	* 877.148	* 879.321	* 888.393	*
-55.0	663.450	* 688.192	* 710.899	* 727.925	* 733.813	* 737.135	* 739.482	* 740.817	* 745.897	* 752.899	*
-65.0	402.061	* 441.001	* 472.423	* 486.169	* 489.898	* 492.867	* 495.046	* 496.532	* 502.645	* 507.684	*
-75.0	144.201	* 155.829	* 167.092	* 171.689	* 174.618	* 177.065	* 179.048	* 182.285	* 188.579	* 195.742	*
-85.0	5.753	7.836	9.609	9.221	8.888	8.535	8.319	9.054	11.058	13.061	
-90.0	0.012	0.016	0.019	0.018	0.018	0.017	0.016	0.018	0.022	0.026	

Vert. Horizontal Angles

	-3.0	-1.0	0.0	1.0	3.0	5.0	7.0	9.0	11.0	13.0
90.0	0.022	0.021	0.020	0.021	0.022	0.024	0.025	0.026	0.026	0.023
85.0	11.097	10.352	9.980	10.352	11.097	11.842	12.587	13.332	13.087	11.619
75.0	208.410	* 204.530	* 202.590	* 204.530	* 208.410	* 212.289	* 213.456	* 215.682	* 211.372	* 203.399
65.0	494.615	* 482.139	* 475.900	* 482.140	* 494.615	* 503.173	* 511.592	* 518.853	* 507.276	* 494.254
55.0	756.541	* 754.694	* 753.770	* 754.694	* 756.541	* 755.078	* 753.975	* 750.097	* 742.060	* 732.837
47.5	887.400	* 884.136	* 882.135	* 884.136	* 887.400	* 889.569	* 890.520	* 884.519	* 876.151	* 866.953
42.5	958.774	* 953.765	* 950.880	* 953.765	* 958.774	* 962.791	* 964.840	* 957.169	* 948.463	* 938.719
37.5	1019.706	*1016.675	*1014.805	*1016.675	*1019.706	*1021.985	*1020.756	*1014.733	*1007.483	*1000.063
33.0	1063.748	*1062.433	*1061.432	*1062.433	*1063.748	*1064.112	*1060.169	*1055.077	*1050.314	*1046.639
29.0	1096.492	*1094.409	*1093.030	*1094.409	*1096.492	*1097.038	*1087.729	*1077.800	*1074.111	*1074.526
25.5	1121.519	*1118.937	*1117.250	*1118.937	*1121.519	*1119.735	*1110.221	*1100.206	*1100.974	*1101.311
22.5	1137.708	*1132.770	*1129.965	*1132.770	*1137.708	*1134.933	*1126.252	*1122.738	*1123.629	*1120.870
19.5	1153.189	*1145.982	*1142.032	*1145.982	*1153.189	*1148.134	*1139.717	*1141.151	*1141.301	*1134.143
17.0	1165.465	*1159.573	*1156.092	*1159.573	*1165.465	*1158.281	*1154.439	*1155.563	*1151.806	*1144.171
15.0	1173.436	*1170.511	*1167.340	*1170.511	*1173.436	*1166.612	*1165.098	*1163.962	*1158.556	*1152.781

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-1686 LED-1571 LED20PCS 700MA 20121110_IES

CANDELA TABULATION - (Cont.)

13.0	1178.935	*1176.765	*1173.112	*1176.765	*1178.935	*1173.824	*1174.084	*1171.090	*1165.883	*1161.342	*
11.0	1183.755	*1183.324	*1178.884	*1183.324	*1183.755	*1179.736	*1178.758	*1177.040	*1175.238	*1169.759	*
9.0	1187.339	*1188.888	*1183.598	*1188.888	*1187.339	*1184.089	*1183.879	*1184.018	*1181.905	*1173.528	*
7.0	1189.679	*1193.317	*1187.254	*1193.317	*1189.679	*1189.446	*1191.545	*1189.742	*1182.656	*1178.206	*
5.0	1194.413	*1197.043	*1190.910	*1197.043	*1194.413	*1195.898	*1195.253	*1191.501	*1188.421	*1187.180	*
3.0	1199.002	*1195.643	*1193.898	*1195.643	*1199.002	*1198.080	*1195.673	*1196.352	*1197.821	*1198.224	*
1.0	1198.491	*1198.583	*1196.885	*1198.583	*1198.491	*1203.231	*1205.121	*1206.108	*1206.018	*1205.246	*
0.0	1203.384	*1200.047	*1198.379	*1200.047	*1203.384	*1206.720	*1207.220	*1207.720	*1207.842	*1207.586	*
-1.0	1193.782	*1195.789	*1197.841	*1195.789	*1193.782	*1191.110	*1195.625	*1199.463	*1200.622	*1200.281	*
-3.0	1190.613	*1195.616	*1196.766	*1195.616	*1190.613	*1193.774	*1189.287	*1188.507	*1188.918	*1187.936	*
-5.0	1196.670	*1191.902	*1195.690	*1191.902	*1196.670	*1187.876	*1188.616	*1185.004	*1183.217	*1181.048	*
-7.0	1192.622	*1189.399	*1190.782	*1189.399	*1192.622	*1187.647	*1186.079	*1182.305	*1179.723	*1179.129	*
-9.0	1189.800	*1186.439	*1185.874	*1186.439	*1189.800	*1187.502	*1178.062	*1173.342	*1169.872	*1169.873	*
-11.0	1183.531	*1182.898	*1182.332	*1182.898	*1183.531	*1181.422	*1175.630	*1164.168	*1160.237	*1155.442	*
-13.0	1177.801	*1179.661	*1180.156	*1179.661	*1177.801	*1174.171	*1171.988	*1162.733	*1152.266	*1147.355	*
-15.0	1172.801	*1176.749	*1177.980	*1176.749	*1172.801	*1167.206	*1165.263	*1161.682	*1150.214	*1140.707	*
-17.0	1164.902	*1168.970	*1170.640	*1168.970	*1164.902	*1160.491	*1157.864	*1157.511	*1149.082	*1136.782	*
-19.5	1154.920	*1159.491	*1161.465	*1159.491	*1154.920	*1151.228	*1146.836	*1145.508	*1142.615	*1131.989	*
-22.5	1141.941	*1145.571	*1147.110	*1145.571	*1141.941	*1137.780	*1132.765	*1129.225	*1126.871	*1121.292	*
-25.5	1126.314	*1129.486	*1130.647	*1129.486	*1126.314	*1122.140	*1117.881	*1114.176	*1110.468	*1105.002	*
-29.0	1099.239	*1102.022	*1103.046	*1102.022	*1099.239	*1095.754	*1095.965	*1095.236	*1089.990	*1082.033	*
-33.0	1066.592	*1070.229	*1071.706	*1070.229	*1066.592	*1061.968	*1059.491	*1056.766	*1052.649	*1047.412	*
-37.5	1026.882	*1033.178	*1035.995	*1033.178	*1026.882	*1019.522	*1014.201	*1012.260	*1009.699	*1006.066	*
-42.5	971.028	* 979.310 *	983.075 *	979.310 *	971.028 *	961.742 *	952.502 *	951.373 *	949.394 *	946.624 *	*
-47.5	896.560	* 903.737 *	906.930 *	903.737 *	896.560 *	888.393 *	879.321 *	877.148 *	876.105 *	874.266 *	*
-55.0	760.000	* 763.606 *	765.410 *	763.606 *	760.000 *	752.899 *	745.897 *	740.817 *	739.482 *	737.135 *	*
-65.0	512.768	* 515.063 *	516.210 *	515.063 *	512.768 *	507.684 *	502.645 *	496.628 *	495.046 *	492.867 *	*
-75.0	200.612	* 205.484 *	207.920 *	205.484 *	200.612 *	195.742 *	188.579 *	182.285 *	179.048 *	177.065 *	*
-85.0	15.065	17.068	18.070	17.068	15.065	13.061	11.058	9.054	8.319	8.535	*
-90.0	0.030	0.034	0.036	0.034	0.030	0.026	0.022	0.018	0.016	0.017	*

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	0.021	0.018	0.015	0.016	0.018	0.020	0.016	0.010	0.008	0.009
85.0	10.396	9.181	7.681	8.202	9.044	9.929	7.862	4.761	3.785	4.666
75.0	194.772 *	185.447 *	172.853 *	159.861 *	148.136 *	136.608 *	124.251 *	109.489	95.533	76.700
65.0	480.021 *	464.608 *	450.391 *	438.878 *	424.615 *	391.213 *	333.054 *	279.365 *	252.303 *	223.475 *
55.0	722.391 *	712.521 *	707.941 *	700.710 *	690.790 *	660.663 *	598.240 *	506.527 *	408.259 *	358.831 *
47.5	856.945 *	853.358 *	846.825 *	836.589 *	815.486 *	785.468 *	747.914 *	688.063 *	582.664 *	456.577 *
42.5	931.172 *	924.722 *	915.365 *	901.886 *	882.439 *	854.620 *	820.300 *	778.992 *	667.683 *	504.521 *
37.5	995.018 *	987.448 *	976.437 *	959.203 *	941.452 *	915.849 *	882.061 *	834.957 *	746.377 *	590.535 *
33.0	1040.171 *	*1032.964	*1020.427	*1003.542	*985.116 *	*961.371 *	*928.686 *	*875.896 *	*793.681 *	*661.937 *
29.0	1072.497 *	*1064.837	*1052.386	*1034.892	*1018.833	*1000.188	*958.446 *	*906.745 *	*844.095 *	*705.982 *
25.5	1097.038 *	*1087.640	*1073.746	*1059.970	*1044.713	*1019.760	*980.734 *	*931.358 *	*872.698 *	*748.528 *
22.5	1112.176 *	*1102.684	*1092.256	*1078.701	*1062.256	*1036.401	*996.378 *	*953.307 *	*895.499 *	*787.002 *
19.5	1126.142 *	*1116.947	*1105.860	*1094.624	*1077.835	*1052.622	*1016.149	*974.217 *	*916.554 *	*820.523 *
17.0	1136.361 *	*1127.158	*1114.476	*1103.201	*1090.876	*1064.248	*1030.794	*990.696 *	*924.875 *	*838.730 *
15.0	1145.680 *	*1135.907	*1122.115	*1109.160	*1097.698	*1072.585	*1040.574	*999.809 *	*929.562 *	*842.371 *
13.0	1155.507 *	*1144.725	*1130.177	*1116.334	*1103.959	*1079.692	*1048.146	*1003.973	*933.238 *	*845.180 *
11.0	1160.946 *	*1152.534	*1139.153	*1127.775	*1111.798	*1085.771	*1053.207	*1007.635	*936.257 *	*847.535 *
9.0	1164.616 *	*1158.875	*1148.920	*1138.513	*1119.458	*1091.522	*1057.404	*1010.702	*939.710 *	*857.874 *
7.0	1173.613 *	*1166.525	*1157.298	*1145.196	*1125.197	*1096.491	*1060.931	*1014.985	*948.772 *	*867.187 *
5.0	1184.636 *	*1178.095	*1169.650	*1152.094	*1129.871	*1100.986	*1067.235	*1021.561	*956.386 *	*875.427 *
3.0	1197.283 *	*1190.201	*1180.620	*1159.540	*1136.355	*1105.822	*1073.341	*1027.314	*962.675 *	*882.551 *
1.0	1204.636 *	*1196.988	*1187.663	*1166.239	*1142.052	*1109.685	*1078.407	*1032.100	*967.775 *	*888.520 *
0.0	1207.330 *	*1200.018	*1190.878	*1169.115	*1144.433	*1111.204	*1080.608	*1034.085	*969.925 *	*891.060 *
-1.0	1200.000 *	*1193.596	*1185.447	*1164.347	*1140.367	*1108.564	*1077.505	*1031.500	*968.102 *	*889.110 *
-3.0	1185.783 *	*1180.338	*1174.186	*1153.869	*1131.369	*1102.505	*1070.637	*1025.535	*963.717 *	*884.299 *
-5.0	1178.148 *	*1172.811	*1165.551	*1145.001	*1122.105	*1095.609	*1062.741	*1018.670	*958.324 *	*878.269 *

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-1686 LED-1571 LED20PCS 700MA 20121110_IES

CANDELA TABULATION - (Cont.)

-7.0	1173.825	*1166.901	*1156.816	*1139.592	*1118.087	*1090.588	*1054.717	*1011.090	*951.902	* 871.019 *
-9.0	1170.772	*1165.327	*1152.014	*1134.182	*1112.868	*1085.381	*1049.514	*1004.967	*944.439	* 862.552 *
-11.0	1156.461	*1157.730	*1146.282	*1128.020	*1108.604	*1078.679	*1043.301	*999.353	* 936.857 *	* 852.709 *
-13.0	1140.589	*1139.760	*1134.015	*1122.834	*1107.420	*1075.969	*1035.952	*992.963	* 928.148 *	* 844.223 *
-15.0	1133.727	*1124.238	*1119.360	*1116.057	*1108.207	*1074.256	*1031.461	*985.847	* 918.091 *	* 834.834 *
-17.0	1127.941	*1118.871	*1107.434	*1106.424	*1102.625	*1071.103	*1027.519	*976.055	* 906.203 *	* 824.689 *
-19.5	1122.517	*1113.024	*1101.991	*1094.138	*1083.312	*1061.842	*1020.295	*965.548	* 888.734 *	* 796.514 *
-22.5	1111.829	*1102.667	*1092.761	*1077.630	*1061.360	*1039.225	*1006.896	*951.926	* 876.003 *	* 747.510 *
-25.5	1097.559	*1088.813	*1074.790	*1058.871	*1041.014	*1013.345	*982.413	* 937.465 *	* 861.211 *	* 704.315 *
-29.0	1074.078	*1065.063	*1052.050	*1034.202	*1014.100	*985.101	* 952.569 *	* 909.284 *	* 841.595 *	* 661.668 *
-33.0	1041.180	*1033.761	*1021.231	*1005.007	*984.519	* 954.093 *	* 917.415 *	* 867.846 *	* 785.469 *	* 623.154 *
-37.5	1000.000	*990.845 *	* 977.489 *	* 959.779 *	* 941.007 *	* 912.032 *	* 868.034 *	* 812.503 *	* 721.297 *	* 577.443 *
-42.5	940.543 *	* 931.285 *	* 916.681 *	* 897.729 *	* 878.549 *	* 854.089 *	* 809.115 *	* 753.458 *	* 620.359 *	* 489.934 *
-47.5	871.694 *	* 861.764 *	* 846.234 *	* 824.070 *	* 803.422 *	* 777.889 *	* 738.915 *	* 639.009 *	* 481.535 *	* 433.702 *
-55.0	733.813 *	* 727.925 *	* 710.899 *	* 688.192 *	* 663.450 *	* 638.986 *	* 581.538 *	* 473.777 *	* 383.603 *	* 341.839 *
-65.0	489.898 *	* 486.169 *	* 472.423 *	* 441.001 *	* 402.061 *	* 352.585 *	* 312.099 *	* 284.247 *	* 247.910 *	* 208.192 *
-75.0	174.618 *	* 171.689 *	* 167.092 *	* 155.829 *	* 144.201 *	* 130.302 *	* 125.169 *	* 116.124	89.963	55.532
-85.0	8.888	9.221	9.609	7.836	5.753	3.424	3.579	4.525	3.524	1.045
-90.0	0.018	0.018	0.019	0.016	0.012	0.007	0.007	0.009	0.007	0.002

Vert. Horizontal Angles

	<u>55.0</u>	<u>65.0</u>	<u>75.0</u>	<u>85.0</u>	<u>90.0</u>
90.0	0.005	0.003	0.002	0.000	0.000
85.0	2.546	1.408	0.804	0.172	0.001
75.0	44.692	19.586	2.243	0.520	0.002
65.0	163.820 *	77.041	19.641	0.875	0.003
55.0	280.042 *	183.697 *	48.724	1.240	0.003
47.5	356.297 *	242.724 *	68.585	1.518	0.004
42.5	403.335 *	272.556 *	90.847	1.704	0.004
37.5	444.581 *	300.132 *	112.451	1.890	0.005
33.0	478.717 *	321.574 *	130.827 *	2.054	0.005
29.0	503.374 *	338.040 *	145.777 *	2.197	0.005
25.5	524.609 *	350.745 *	157.708 *	2.318	0.005
22.5	537.555 *	360.306 *	167.029 *	2.419	0.006
19.5	545.838 *	371.787 *	175.472 *	2.517	0.006
17.0	549.367 *	380.653 *	181.809 *	2.595	0.006
15.0	550.126 *	387.088 *	186.405 *	2.655	0.006
13.0	556.501 *	392.926 *	190.569 *	2.713	0.006
11.0	564.017 *	398.154 *	194.290 *	2.820	0.006
9.0	570.829 *	402.765 *	197.559 *	2.856	0.006
7.0	576.904 *	406.748 *	200.366 *	2.892	0.006
5.0	582.211 *	410.096 *	204.240 *	2.929	0.006
3.0	587.682 *	413.536 *	205.115 *	2.965	0.006
1.0	590.513 *	414.945 *	205.991 *	3.020	0.006
0.0	591.930 *	415.650 *	206.430 *	3.020	0.006
-1.0	590.327 *	414.706 *	206.008 *	3.008	0.006
-3.0	587.124 *	412.820 *	205.165 *	2.984	0.006
-5.0	581.292 *	408.922 *	204.323 *	2.961	0.006
-7.0	575.634 *	405.130 *	200.481 *	2.937	0.006
-9.0	569.225 *	400.729 *	197.707 *	2.913	0.006
-11.0	562.099 *	395.734 *	194.471 *	2.890	0.006
-13.0	554.294 *	390.161 *	190.782 *	2.793	0.006
-15.0	546.218 *	384.024 *	186.651 *	2.746	0.006
-17.0	538.847 *	377.342 *	182.086 *	2.697	0.006
-19.5	528.544 *	368.249 *	175.789 *	2.632	0.006
-22.5	514.618 *	356.334 *	167.392 *	2.549	0.006
-25.5	499.041 *	343.595 *	158.116 *	2.460	0.005
-29.0	478.864 *	327.212 *	146.236 *	2.352	0.005
-33.0	453.660 *	306.574 *	131.342 *	2.221	0.005

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-1686 LED-1571 LED20PCS 700MA 20121110_.IES

CANDELA TABULATION - (Cont.)

-37.5	425.692 *	279.961 *	113.026	2.066	0.005
-42.5	390.725 *	244.982 *	90.836	1.886	0.004
-47.5	349.520 *	206.926 *	66.898	1.700	0.004
-55.0	280.940 *	149.433 *	45.788	1.411	0.003
-65.0	166.661 *	66.325	17.213	1.015	0.003
-75.0	42.068	16.578	1.109	0.611	0.002
-85.0	0.523	0.625	0.368	0.204	0.001
-90.0	0.001	0.001	0.001	0.000	0.000

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-1686 LED-1571 LED20PCS 700MA 20121110_IES

LUMEN TABULATION

Average Of Right And Left Sides

Total Luminaire Lumens (one side of beam only) = 1814.17

Total Field Lumens (one side of beam only) = 1779.65

* 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	0.01	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.02
85	0.33	0.66	0.67	0.68	0.69	0.68	0.65	0.62	0.59	0.68
75	1.04 *	2.12 *	2.16 *	2.18 *	2.20 *	2.18 *	2.11 *	2.03 *	1.94 *	2.30 *
65	1.88 *	3.79 *	3.81 *	3.82 *	3.82 *	3.78 *	3.69 *	3.59 *	3.48 *	4.22 *
55	1.87 *	3.75 *	3.75 *	3.74 *	3.71 *	3.66 *	3.60 *	3.52 *	3.45 *	4.23 *
47.5	1.40 *	2.80 *	2.81 *	2.81 *	2.79 *	2.75 *	2.70 *	2.66 *	2.61 *	3.20 *
42.5	1.50 *	3.01 *	3.01 *	3.01 *	2.98 *	2.95 *	2.90 *	2.86 *	2.81 *	3.44 *
37.5	1.42 *	2.85 *	2.85 *	2.84 *	2.82 *	2.79 *	2.75 *	2.71 *	2.67 *	3.27 *
33	1.31 *	2.63 *	2.63 *	2.61 *	2.58 *	2.55 *	2.53 *	2.50 *	2.47 *	3.02 *
29	1.18 *	2.36 *	2.36 *	2.34 *	2.31 *	2.29 *	2.27 *	2.25 *	2.21 *	2.71 *
25.5	1.03 *	2.06 *	2.06 *	2.04 *	2.02 *	2.00 *	1.99 *	1.96 *	1.93 *	2.36 *
22.5	1.04 *	2.09 *	2.08 *	2.07 *	2.05 *	2.04 *	2.02 *	1.99 *	1.96 *	2.40 *
19.5	0.88 *	1.76 *	1.76 *	1.74 *	1.73 *	1.72 *	1.70 *	1.68 *	1.65 *	2.02 *
17	0.71 *	1.42 *	1.42 *	1.41 *	1.40 *	1.39 *	1.37 *	1.35 *	1.33 *	1.63 *
15	0.71 *	1.43 *	1.43 *	1.42 *	1.41 *	1.40 *	1.38 *	1.36 *	1.34 *	1.64 *
13	0.72 *	1.44 *	1.43 *	1.43 *	1.42 *	1.41 *	1.39 *	1.37 *	1.35 *	1.65 *
11	0.72 *	1.44 *	1.44 *	1.43 *	1.42 *	1.42 *	1.40 *	1.38 *	1.36 *	1.66 *
9	0.72 *	1.45 *	1.44 *	1.44 *	1.43 *	1.42 *	1.41 *	1.39 *	1.37 *	1.67 *
7	0.73 *	1.45 *	1.45 *	1.45 *	1.44 *	1.43 *	1.41 *	1.40 *	1.38 *	1.69 *
5	0.73 *	1.46 *	1.45 *	1.45 *	1.44 *	1.43 *	1.42 *	1.41 *	1.39 *	1.71 *
3	0.73 *	1.46 *	1.46 *	1.45 *	1.45 *	1.44 *	1.43 *	1.42 *	1.40 *	1.72 *
1	0.37 *	0.73 *	0.73 *	0.73 *	0.73 *	0.72 *	0.72 *	0.71 *	0.70 *	0.86 *
0	0.36 *	0.73 *	0.73 *	0.73 *	0.73 *	0.72 *	0.72 *	0.71 *	0.70 *	0.86 *
-1	0.73 *	1.45 *	1.45 *	1.44 *	1.44 *	1.43 *	1.42 *	1.41 *	1.39 *	1.71 *
-3	0.73 *	1.45 *	1.45 *	1.44 *	1.43 *	1.42 *	1.41 *	1.40 *	1.38 *	1.70 *
-5	0.73 *	1.45 *	1.45 *	1.44 *	1.43 *	1.42 *	1.41 *	1.39 *	1.37 *	1.69 *
-7	0.72 *	1.45 *	1.45 *	1.44 *	1.42 *	1.41 *	1.40 *	1.39 *	1.37 *	1.68 *

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-1686 LED-1571 LED20PCS 700MA 20121110_IES

LUMENS TABULATION - (Cont.)

-9	0.72 *	1.44 *	1.44 *	1.43 *	1.42 *	1.40 *	1.39 *	1.38 *	1.36 *	1.67 *
-11	0.72 *	1.44 *	1.43 *	1.42 *	1.41 *	1.39 *	1.38 *	1.36 *	1.35 *	1.66 *
-13	0.72 *	1.43 *	1.43 *	1.42 *	1.41 *	1.39 *	1.37 *	1.35 *	1.33 *	1.63 *
-15	0.71 *	1.43 *	1.42 *	1.41 *	1.40 *	1.39 *	1.36 *	1.34 *	1.32 *	1.62 *
-17	0.89 *	1.77 *	1.76 *	1.75 *	1.74 *	1.72 *	1.70 *	1.67 *	1.64 *	2.01 *
-19.5	1.05 *	2.10 *	2.09 *	2.08 *	2.06 *	2.04 *	2.02 *	1.99 *	1.95 *	2.39 *
-22.5	1.04 *	2.07 *	2.06 *	2.05 *	2.03 *	2.02 *	1.99 *	1.97 *	1.93 *	2.36 *
-25.5	1.19 *	2.37 *	2.36 *	2.35 *	2.33 *	2.31 *	2.29 *	2.25 *	2.22 *	2.71 *
-29	1.32 *	2.64 *	2.63 *	2.61 *	2.60 *	2.58 *	2.55 *	2.51 *	2.47 *	3.02 *
-33	1.44 *	2.87 *	2.85 *	2.83 *	2.81 *	2.79 *	2.76 *	2.72 *	2.68 *	3.27 *
-37.5	1.54 *	3.05 *	3.02 *	2.99 *	2.96 *	2.94 *	2.91 *	2.88 *	2.83 *	3.45 *
-42.5	1.44 *	2.85 *	2.82 *	2.79 *	2.76 *	2.74 *	2.72 *	2.68 *	2.64 *	3.21 *
-47.5	1.91 *	3.79 *	3.76 *	3.71 *	3.67 *	3.64 *	3.61 *	3.57 *	3.51 *	4.27 *
-55	1.95 *	3.88 *	3.85 *	3.80 *	3.75 *	3.71 *	3.67 *	3.63 *	3.57 *	4.33 *
-65	1.10 *	2.18 *	2.15 *	2.11 *	2.07 *	2.03 *	2.00 *	1.97 *	1.94 *	2.35 *
-75	0.34	0.67	0.64	0.62	0.59	0.57	0.56	0.55	0.53	0.65
-85	0.01	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.02
-90										
Total	42.38	84.74	84.48	83.98	83.33	82.52	81.51	80.31	78.90	96.34

Vert. Horizontal Angles

Angles	19.5	22.5	25.5	29	33	37.5	42.5	47.5	55	65
90	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01	0.00
85	0.74	0.68	0.72	0.73	0.69	0.62	0.49	0.46	0.26	0.06
75	2.61 *	2.44 *	2.61 *	2.57 *	2.37 *	2.15 *	1.74 *	1.82 *	1.16	0.31
65	4.90 *	4.71 *	5.13 *	5.18 *	4.80 *	4.22 *	3.35 *	3.67 *	2.68 *	0.86
55	4.95 *	4.76 *	5.25 *	5.47 *	5.33 *	4.78 *	3.65 *	3.89 *	3.03 *	1.06 *
47.5	3.73 *	3.59 *	3.95 *	4.19 *	4.25 *	3.96 *	2.98 *	3.07 *	2.42 *	0.88 *
42.5	4.00 *	3.85 *	4.26 *	4.53 *	4.64 *	4.41 *	3.38 *	3.47 *	2.70 *	1.01 *
37.5	3.80 *	3.65 *	4.06 *	4.33 *	4.43 *	4.27 *	3.38 *	3.50 *	2.64 *	1.01 *
33	3.51 *	3.37 *	3.76 *	4.02 *	4.11 *	3.99 *	3.24 *	3.36 *	2.50 *	0.97 *
29	3.15 *	3.04 *	3.39 *	3.62 *	3.70 *	3.63 *	2.99 *	3.10 *	2.29 *	0.90 *

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-1686 LED-1571 LED20PCS 700MA 20121110_IES

LUMENS TABULATION - (Cont.)

25.5	2.75 *	2.66 *	2.96 *	3.16 *	3.24 *	3.20 *	2.67 *	2.78 *	2.02 *	0.81 *
22.5	2.80 *	2.70 *	3.01 *	3.21 *	3.31 *	3.27 *	2.76 *	2.88 *	2.07 *	0.84 *
19.5	2.36 *	2.28 *	2.54 *	2.72 *	2.81 *	2.77 *	2.36 *	2.46 *	1.76 *	0.72 *
17	1.90 *	1.84 *	2.05 *	2.20 *	2.27 *	2.24 *	1.90 *	1.99 *	1.42 *	0.59 *
15	1.91 *	1.85 *	2.06 *	2.21 *	2.29 *	2.25 *	1.91 *	2.00 *	1.43 *	0.60 *
13	1.93 *	1.86 *	2.08 *	2.23 *	2.30 *	2.26 *	1.92 *	2.01 *	1.45 *	0.61 *
11	1.94 *	1.88 *	2.09 *	2.24 *	2.31 *	2.27 *	1.93 *	2.03 *	1.47 *	0.62 *
9	1.96 *	1.89 *	2.10 *	2.25 *	2.32 *	2.28 *	1.95 *	2.05 *	1.49 *	0.63 *
7	1.97 *	1.90 *	2.11 *	2.26 *	2.33 *	2.30 *	1.96 *	2.07 *	1.50 *	0.64 *
5	1.99 *	1.91 *	2.12 *	2.27 *	2.34 *	2.31 *	1.98 *	2.09 *	1.52 *	0.64 *
3	2.00 *	1.92 *	2.13 *	2.28 *	2.36 *	2.33 *	1.99 *	2.11 *	1.53 *	0.64 *
1	1.01 *	0.96 *	1.07 *	1.14 *	1.18 *	1.17 *	1.00 *	1.06 *	0.77 *	0.32 *
0	1.00 *	0.96 *	1.07 *	1.14 *	1.18 *	1.17 *	1.00 *	1.06 *	0.77 *	0.32 *
-1	2.00 *	1.92 *	2.12 *	2.28 *	2.35 *	2.33 *	1.99 *	2.11 *	1.52 *	0.64 *
-3	1.98 *	1.90 *	2.11 *	2.26 *	2.34 *	2.31 *	1.98 *	2.09 *	1.51 *	0.64 *
-5	1.97 *	1.89 *	2.10 *	2.25 *	2.32 *	2.30 *	1.97 *	2.08 *	1.50 *	0.63 *
-7	1.95 *	1.88 *	2.09 *	2.23 *	2.31 *	2.28 *	1.95 *	2.06 *	1.48 *	0.63 *
-9	1.95 *	1.87 *	2.08 *	2.22 *	2.29 *	2.27 *	1.94 *	2.03 *	1.47 *	0.62 *
-11	1.93 *	1.86 *	2.07 *	2.21 *	2.28 *	2.25 *	1.92 *	2.01 *	1.45 *	0.61 *
-13	1.92 *	1.86 *	2.07 *	2.20 *	2.26 *	2.23 *	1.90 *	1.99 *	1.43 *	0.60 *
-15	1.90 *	1.85 *	2.06 *	2.20 *	2.25 *	2.21 *	1.88 *	1.96 *	1.40 *	0.59 *
-17	2.35 *	2.29 *	2.56 *	2.73 *	2.79 *	2.72 *	2.30 *	2.40 *	1.72 *	0.72 *
-19.5	2.79 *	2.70 *	3.02 *	3.23 *	3.31 *	3.22 *	2.67 *	2.77 *	2.02 *	0.83 *
-22.5	2.75 *	2.65 *	2.95 *	3.17 *	3.26 *	3.17 *	2.58 *	2.64 *	1.95 *	0.80 *
-25.5	3.15 *	3.03 *	3.36 *	3.59 *	3.70 *	3.62 *	2.89 *	2.93 *	2.19 *	0.89 *
-29	3.51 *	3.37 *	3.73 *	3.98 *	4.08 *	3.97 *	3.14 *	3.17 *	2.38 *	0.95 *
-33	3.80 *	3.65 *	4.04 *	4.29 *	4.36 *	4.18 *	3.28 *	3.34 *	2.51 *	0.97 *
-37.5	4.00 *	3.84 *	4.25 *	4.49 *	4.54 *	4.24 *	3.24 *	3.36 *	2.55 *	0.95 *
-42.5	3.72 *	3.55 *	3.93 *	4.15 *	4.11 *	3.64 *	2.73 *	2.97 *	2.27 *	0.79 *
-47.5	4.91 *	4.66 *	5.12 *	5.36 *	5.11 *	4.33 *	3.31 *	3.77 *	2.81 *	0.92

IES FLOOD REPORT

PHOTOMETRIC FILENAME : QC-1686 LED-1571 LED20PCS 700MA 20121110_.IES

LUMENS TABULATION - (Cont.)

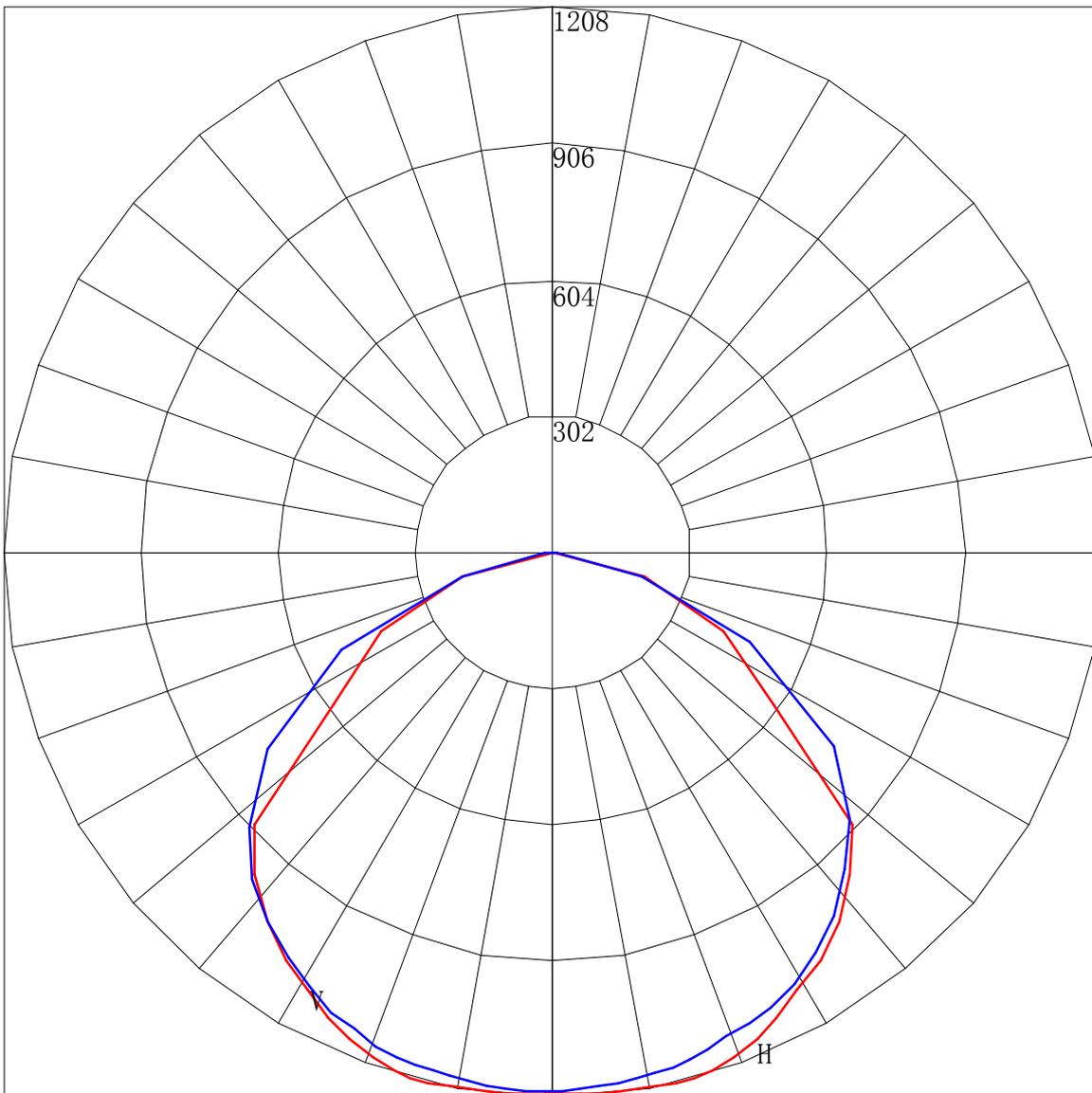
-55	4.93 *	4.58 *	4.87 *	4.92 *	4.62 *	4.05 *	3.18 *	3.56 *	2.52 *	0.73
-65	2.64 *	2.39 *	2.44 *	2.40 *	2.34 *	2.15 *	1.62 *	1.69	1.11	0.26
-75	0.73	0.65	0.67	0.69	0.70	0.62	0.40	0.35	0.23	0.05
-85	0.02	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
-90										
Total	111.80	107.13	118.18	124.83	125.92	119.98	97.39	102.24	74.93	28.87

Vert. Angles	Horizontal Angles			Total
	75	85	90	
90	0.00	0.00	0.31	
85	0.00	0.00	11.70	
75	0.03	0.00	40.06	
65	0.09	0.00	75.47	
55	0.12	0.00	77.55	
47.5	0.11	0.00	59.65	
42.5	0.14	0.00	64.84	
37.5	0.15	0.00	62.20	
33	0.15	0.00	57.80	
29	0.14	0.00	52.21	
25.5	0.13	0.00	45.83	
22.5	0.14	0.00	46.72	
19.5	0.12	0.00	39.52	
17	0.10	0.00	31.92	
15	0.10	0.00	32.15	
13	0.10	0.00	32.36	
11	0.11	0.00	32.56	
9	0.11	0.00	32.76	
7	0.11	0.00	32.97	
5	0.11	0.00	33.18	
3	0.11	0.00	33.36	
1	0.06	0.00	16.74	
0	0.06	0.00	16.72	

IES FLOOD REPORT**PHOTOMETRIC FILENAME : QC-1686 LED-1571 LED20PCS 700MA 20121110_.IES****LUMENS TABULATION - (Cont.)**

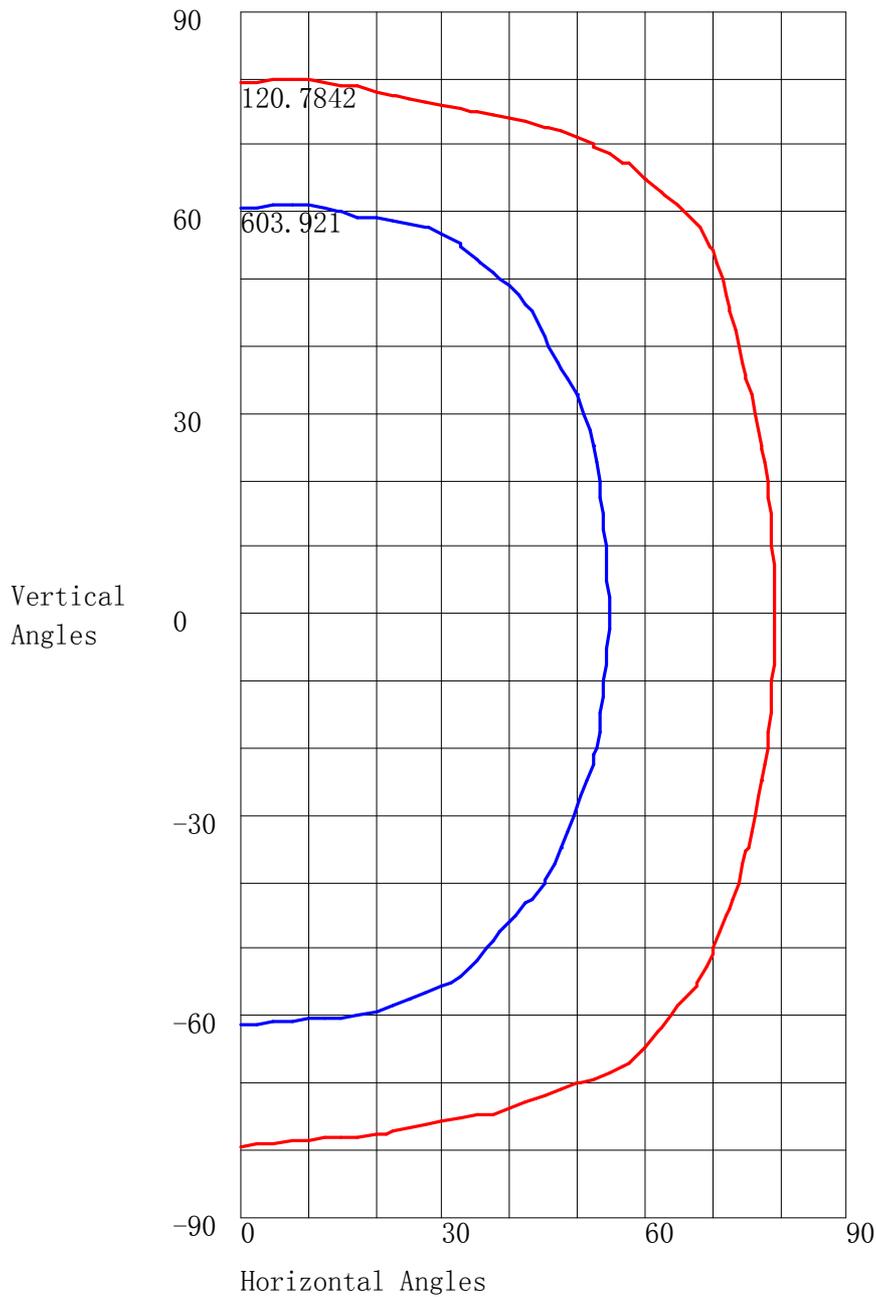
-1	0.11	0.00	33.26
-3	0.11	0.00	33.06
-5	0.11	0.00	32.88
-7	0.11	0.00	32.70
-9	0.11	0.00	32.48
-11	0.10	0.00	32.25
-13	0.10	0.00	32.02
-15	0.10	0.00	31.79
-17	0.12	0.00	39.34
-19.5	0.14	0.00	46.50
-22.5	0.13	0.00	45.59
-25.5	0.14	0.00	51.90
-29	0.15	0.00	57.35
-33	0.15	0.00	61.63
-37.5	0.14	0.00	64.17
-42.5	0.11	0.00	58.62
-47.5	0.11	0.00	75.83
-55	0.09	0.00	74.20
-65	0.03	0.00	38.96
-75	0.00	0.00	10.81
-85	0.00	0.00	0.25
-90			
Total	4.42	0.01	1814.17

AXIAL CANDELA DISPLAY



Maximum Candela = 1207.842 Located At Horizontal Angle = -11, Vertical Angle = 0
H - Horizontal Axial Candela
V - Vertical Axial Candela

ISOCANDELA CURVES



Maximum Candela = 1207.842 Located At Horizontal Angle = -11, Vertical Angle = 0
50% Maximum Candela = 603.921
10% Maximum Candela = 120.7842