

LED street lights HB-073(120W)

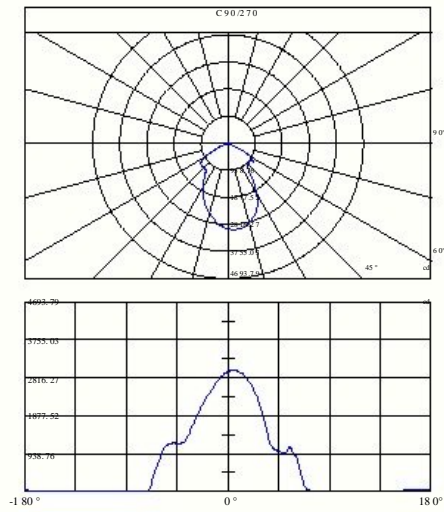
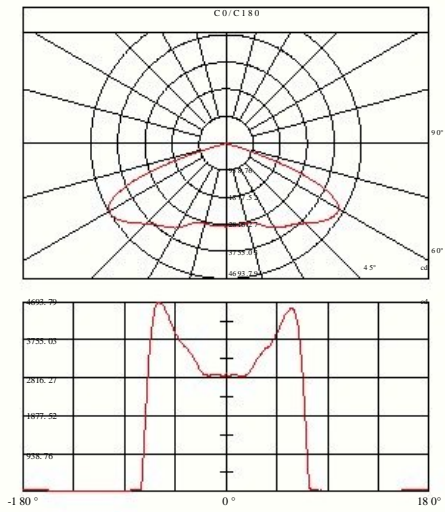
Name: LED street light HB-073(120W)
 Report No:
 Test No:
 Lighting source: LED
 Total light Flux: N.A lm
 Light source No: 4
 Lighting surface diameter: mm
 Lighting surface length: mm
 Test model: Type C

Voltage: 220.03 V
 Current: 0.5262 A
 Power rate: 111.2 W
 Power factor: 0.9604
 Testing model:
 Lighting surface diameter: mm
 Lighting surface length: mm
 Test model: Type C

Photometric results

LED Flux: 9770.90 lm
 Luminous efficiency: N.A
 Central lumen output : 2917.757cd
 Max Lumen output: 4693.793cd
 Beam width(10% lmax): Left: -15.1 Right:132.0
 Max permissible space height ratio of luminaire: CO_180: 0.9
 C90_270: 0.53
 Effective Flux: 9581.06 lm

Max Lumen angle: C:180.0 G:59.0
 Half peak corners(50% lmax): Left: -11.5 Right:128.2
 Road side rate: N.A
 Back of pole flux: N.A
 Front of pole flux: N.A



Lumen output data sheet [cd]

C\	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
0.0	2917.8	2869.3	2873.6	2870.5	2871.2	2882.9	2882.0	2880.1	2876.7	2876.4
22.5	2917.8	2898.4	2904.6	2914.8	2914.2	2924.4	2930.0	2936.8	2944.9	2945.2
45.0	2917.8	2931.6	2935.9	2950.2	2946.7	2957.3	2967.2	2969.7	2978.7	2977.7
67.5	2917.8	2910.5	2919.2	2922.6	2927.9	2927.5	2934.7	2934.0	2932.2	2924.8
90.0	2917.8	2974.3	2986.4	2985.8	2992.9	2994.1	2995.4	2992.9	2989.8	2979.3
112.5	2917.8	2983.6	2989.5	2998.8	3002.2	3010.9	3011.2	3015.2	3017.4	3015.2
135.0	2917.8	2957.3	2966.9	2983.9	2986.1	2997.5	3007.5	3013.0	3021.1	3029.1
157.5	2917.8	2917.0	2932.5	2943.0	2948.3	2962.9	2965.0	2977.7	2980.5	2987.6
180.0	2917.8	2870.9	2868.4	2861.6	2870.5	2878.3	2880.1	2881.7	2881.7	2885.4
202.5	2917.8	2887.6	2882.6	2875.5	2867.4	2862.5	2853.2	2844.2	2847.3	2840.5
225.0	2917.8	2909.0	2897.8	2886.0	2865.9	2857.8	2836.2	2824.7	2809.2	2792.2
247.5	2917.8	2882.3	2870.2	2851.7	2831.8	2811.7	2786.0	2768.6	2738.3	2717.5
270.0	2917.8	2950.5	2934.0	2910.5	2889.1	2866.5	2842.7	2808.6	2779.8	2739.5
292.5	2917.8	2951.7	2941.8	2921.0	2904.0	2886.7	2865.0	2836.2	2804.3	2777.3
315.0	2917.8	2936.2	2922.0	2909.9	2897.8	2878.6	2864.0	2844.5	2833.4	2816.0
337.5	2917.8	2911.4	2900.3	2896.3	2888.8	2881.1	2874.9	2862.2	2862.8	2854.1
360.0	2917.8	2869.3	2873.6	2870.5	2871.2	2882.9	2882.0	2880.1	2876.7	2876.4

C\	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	2877.4	2868.7	2861.9	2865.0	2864.4	2860.3	2861.9	2872.4	2890.1	2908.3
22.5	2951.7	2956.7	2955.1	2958.2	2955.7	2957.0	2949.5	2960.7	2966.6	2968.7
45.0	2975.2	2983.3	2980.8	2980.2	2977.4	2972.8	2961.3	2960.7	2950.2	2937.5
67.5	2915.8	2907.1	2896.9	2881.1	2863.4	2846.7	2825.0	2803.9	2782.6	2747.6
90.0	2965.0	2944.3	2932.8	2911.1	2881.4	2858.8	2822.2	2795.0	2754.4	2716.9
112.5	3007.2	2997.9	2995.4	2983.0	2964.7	2949.5	2935.9	2909.9	2887.3	2861.9
135.0	3034.7	3044.9	3036.9	3040.0	3037.2	3028.5	3023.6	3021.1	3015.5	3006.2
157.5	2991.4	2992.0	2995.1	2995.1	2996.6	2996.6	3002.5	3008.7	3027.3	3047.4
180.0	2890.4	2888.2	2881.7	2877.7	2876.1	2869.9	2866.2	2876.4	2883.2	2896.6
202.5	2832.4	2821.9	2812.3	2807.0	2793.4	2780.4	2762.1	2763.1	2760.0	2758.7
225.0	2774.2	2757.8	2737.0	2719.1	2700.5	2676.9	2658.4	2632.7	2611.3	2597.3
247.5	2678.8	2649.7	2612.2	2579.4	2548.4	2511.2	2481.2	2443.1	2409.6	2377.1
270.0	2705.8	2663.9	2622.1	2584.6	2542.5	2501.9	2457.9	2415.8	2368.1	2328.5
292.5	2743.5	2714.4	2681.6	2643.8	2610.7	2574.7	2538.2	2501.3	2472.5	2427.3
315.0	2797.4	2777.9	2763.1	2740.4	2723.4	2700.5	2677.3	2657.1	2632.3	2614.4
337.5	2843.6	2834.0	2829.7	2815.1	2803.3	2794.3	2781.0	2770.8	2762.1	2757.2
360.0	2877.4	2868.7	2861.9	2865.0	2864.4	2860.3	2861.9	2872.4	2890.1	2908.3

C\	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	2924.1	2958.2	3002.8	3054.2	3119.9	3166.1	3222.1	3268.0	3307.3	3342.6
22.5	2983.6	2999.4	3017.4	3054.5	3091.4	3142.2	3188.4	3235.4	3271.7	3302.7
45.0	2925.7	2915.2	2907.4	2890.1	2874.0	2865.0	2847.3	2836.5	2829.3	2817.0
67.5	2723.7	2698.0	2656.8	2624.3	2576.9	2539.1	2489.2	2437.2	2376.8	2318.9
90.0	2665.8	2627.7	2578.8	2517.7	2466.9	2400.0	2336.2	2250.7	2175.1	2081.3
112.5	2839.0	2809.2	2773.0	2738.6	2695.2	2653.7	2605.7	2557.1	2492.9	2443.7
135.0	2997.9	2987.6	2979.6	2970.3	2970.3	2963.8	2961.9	2959.8	2961.9	2968.4
157.5	3070.0	3095.4	3133.5	3174.7	3221.5	3278.8	3324.0	3360.0	3413.6	3458.2

Lumen output data sheet [cd]

180.0	2916.1	2942.7	2974.6	3008.7	3058.0	3109.7	3169.5	3228.9	3274.2	3326.8
202.5	2757.2	2764.3	2773.6	2786.3	2793.4	2813.9	2837.4	2867.4	2902.8	2935.0
225.0	2573.2	2554.9	2529.5	2511.2	2496.4	2477.2	2457.9	2438.1	2417.7	2401.3
247.5	2334.7	2300.9	2253.2	2215.7	2165.8	2128.4	2084.1	2035.7	1990.5	1938.2
270.0	2281.7	2230.3	2184.1	2125.6	2077.6	2025.8	1967.9	1912.8	1850.8	1794.4
292.5	2387.6	2352.3	2309.9	2274.9	2223.5	2184.4	2143.8	2098.0	2056.2	2001.0
315.0	2594.5	2574.7	2556.8	2534.5	2517.7	2497.6	2478.1	2457.0	2437.8	2423.6
337.5	2754.4	2757.2	2760.3	2767.7	2772.7	2781.3	2798.7	2823.5	2860.3	2893.2
360.0	2924.1	2958.2	3002.8	3054.2	3119.9	3166.1	3222.1	3268.0	3307.3	3342.6

C\	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
0.0	3378.2	3414.5	3433.7	3480.8	3509.0	3539.3	3553.3	3576.8	3603.7	3634.1
22.5	3335.2	3366.5	3386.6	3409.2	3428.7	3459.7	3473.3	3487.9	3501.5	3506.8
45.0	2808.0	2808.3	2800.5	2789.7	2790.0	2785.1	2767.1	2756.9	2738.6	2703.9
67.5	2256.9	2175.4	2106.4	2014.4	1926.1	1821.1	1722.6	1608.3	1504.2	1409.7
90.0	1991.8	1897.6	1781.4	1673.3	1543.2	1428.3	1304.7	1216.7	1147.0	1101.2
112.5	2380.8	2306.5	2236.5	2147.6	2056.5	1954.0	1853.6	1734.7	1635.8	1533.3
135.0	2973.7	2981.4	2984.8	2984.2	2978.0	2974.0	2962.5	2945.5	2931.3	2909.3
157.5	3484.8	3517.3	3546.4	3570.3	3591.0	3608.7	3628.2	3646.5	3661.4	3683.4
180.0	3370.8	3421.3	3450.4	3486.3	3516.1	3546.1	3578.0	3605.0	3632.6	3659.5
202.5	2976.8	3007.8	3045.6	3068.5	3094.8	3123.6	3140.0	3156.5	3170.1	3186.8
225.0	2377.4	2358.2	2340.9	2327.8	2302.1	2284.8	2262.2	2243.9	2226.2	2207.7
247.5	1886.4	1830.1	1780.5	1724.4	1667.1	1614.5	1553.4	1505.4	1448.1	1402.3
270.0	1727.5	1669.3	1603.0	1539.8	1468.3	1411.3	1356.7	1301.6	1259.5	1216.4
292.5	1952.7	1894.8	1848.6	1792.3	1735.6	1678.9	1616.6	1564.9	1509.8	1463.9
315.0	2397.2	2382.7	2364.4	2346.7	2326.0	2308.3	2288.8	2267.8	2254.1	2241.1
337.5	2928.5	2962.2	2992.9	3018.9	3044.6	3060.1	3073.7	3089.5	3106.9	3130.4
360.0	3378.2	3414.5	3433.7	3480.8	3509.0	3539.3	3553.3	3576.8	3603.7	3634.1

C\	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	3678.1	3719.0	3769.5	3810.7	3862.1	3926.2	3989.1	4046.7	4095.0	4170.9
22.5	3525.1	3545.5	3569.1	3592.3	3598.8	3598.8	3614.3	3624.2	3634.4	3630.7
45.0	2686.2	2639.2	2595.2	2534.1	2485.2	2414.9	2328.2	2242.7	2144.2	2053.1
67.5	1306.9	1230.4	1163.5	1129.1	1104.9	1083.5	1067.7	1060.0	1057.5	1052.3
90.0	1078.9	1054.7	1034.6	1018.8	1007.3	996.8	984.4	975.7	969.2	960.9
112.5	1426.1	1340.0	1255.1	1195.1	1153.9	1124.7	1102.7	1083.2	1072.1	1062.2
135.0	2876.1	2837.4	2793.1	2746.0	2690.9	2615.6	2535.1	2456.1	2370.0	2271.8
157.5	3701.6	3719.0	3730.1	3736.3	3747.8	3764.5	3779.7	3789.0	3791.2	3794.3
180.0	3700.1	3734.8	3780.0	3833.3	3880.4	3945.7	4008.3	4065.3	4140.3	4202.8
202.5	3206.0	3215.3	3227.1	3242.3	3271.7	3288.1	3324.7	3360.3	3395.9	3440.2
225.0	2198.1	2182.6	2172.3	2155.9	2145.7	2133.3	2124.3	2112.3	2106.7	2107.3
247.5	1361.1	1327.0	1306.9	1295.4	1283.3	1266.9	1259.5	1250.2	1242.8	1242.4
270.0	1198.8	1196.6	1197.5	1192.9	1185.8	1186.1	1189.2	1197.2	1197.8	1197.5
292.5	1417.5	1381.2	1355.5	1343.7	1333.5	1319.0	1301.6	1298.8	1284.0	1278.4
315.0	2229.7	2218.8	2203.6	2190.3	2181.9	2168.9	2165.2	2161.8	2163.1	2155.6
337.5	3141.0	3155.2	3167.9	3177.5	3190.8	3208.5	3232.3	3259.9	3286.6	3328.7
360.0	3678.1	3719.0	3769.5	3810.7	3862.1	3926.2	3989.1	4046.7	4095.0	4170.9

Lumen output data sheet [cd]

C\	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	4217.4	4286.8	4340.7	4389.6	4440.7	4468.9	4507.9	4517.8	4547.3	4536.4
22.5	3626.4	3610.6	3585.5	3552.3	3511.1	3440.8	3371.1	3255.6	3135.4	2989.2
45.0	1944.1	1848.3	1731.6	1634.9	1542.6	1431.7	1340.0	1233.8	1146.7	1044.8
67.5	1043.3	1035.5	1026.2	1027.2	1034.9	1044.2	1048.5	1035.5	994.3	946.6
90.0	953.8	947.2	986.9	1040.5	1088.5	1100.9	1080.8	1015.7	953.8	900.5
112.5	1051.6	1044.8	1043.3	1048.8	1059.1	1068.7	1067.7	1042.7	987.5	938.6
135.0	2174.5	2055.3	1948.4	1815.5	1706.2	1588.1	1459.0	1349.9	1226.3	1118.9
157.5	3784.6	3769.2	3732.9	3687.1	3636.6	3556.7	3469.9	3347.3	3223.1	3046.5
180.0	4276.2	4345.6	4403.9	4471.1	4525.6	4584.8	4619.5	4648.3	4671.2	4693.8
202.5	3479.2	3539.6	3594.1	3653.3	3705.7	3763.9	3827.7	3866.4	3914.1	3950.4
225.0	2116.0	2123.4	2124.0	2116.3	2103.6	2080.7	2065.8	2039.2	2015.6	1989.0
247.5	1244.3	1237.8	1235.6	1230.4	1229.7	1220.8	1204.3	1178.3	1148.3	1084.8
270.0	1192.6	1192.9	1184.2	1175.5	1157.3	1137.1	1108.6	1074.2	1006.4	933.9
292.5	1272.2	1270.9	1265.7	1259.8	1253.0	1241.2	1228.2	1206.2	1183.3	1140.5
315.0	2167.1	2185.4	2206.7	2214.5	2207.3	2200.8	2179.8	2166.8	2138.3	2111.6
337.5	3366.2	3413.6	3453.8	3507.4	3553.3	3612.4	3666.0	3713.7	3770.1	3811.0
360.0	4217.4	4286.8	4340.7	4389.6	4440.7	4468.9	4507.9	4517.8	4547.3	4536.4

C\	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0
0.0	4513.8	4456.8	4346.2	4235.3	4083.9	3862.7	3619.5	3246.9	2881.4	2432.9
22.5	2829.7	2640.4	2394.8	2157.8	1868.2	1625.6	1317.1	1067.4	825.2	524.1
45.0	966.5	896.8	817.5	750.9	669.4	599.7	536.5	473.0	395.9	320.0
67.5	896.1	850.9	803.2	754.3	693.9	600.6	513.9	408.6	312.5	194.8
90.0	874.5	845.0	753.6	648.3	527.8	427.5	327.1	217.5	121.4	65.0
112.5	881.6	836.7	780.9	729.2	661.0	568.1	483.8	382.6	297.1	191.4
135.0	997.4	901.4	800.1	717.4	633.5	542.7	472.1	398.7	332.1	261.1
157.5	2871.5	2664.6	2393.5	2135.5	1831.3	1555.6	1280.5	986.9	714.0	410.7
180.0	4688.2	4662.5	4605.8	4519.7	4385.3	4232.3	4000.6	3758.6	3436.5	3000.3
202.5	3981.3	4012.0	4018.2	4026.6	4025.0	3971.7	3894.6	3797.3	3634.4	3464.0
225.0	1957.1	1911.5	1871.3	1818.6	1717.0	1599.3	1437.3	1274.7	1076.7	771.9
247.5	1012.6	923.7	815.9	732.6	649.3	568.7	462.2	367.7	270.1	161.7
270.0	842.9	781.8	717.1	651.7	582.0	490.0	403.3	308.5	200.4	112.4
292.5	1077.7	979.5	889.9	793.3	704.7	629.1	529.7	436.8	330.5	208.8
315.0	2078.8	2037.6	1978.1	1934.1	1873.1	1771.5	1654.4	1517.2	1310.3	1094.7
337.5	3855.6	3890.9	3921.3	3934.3	3943.9	3928.1	3887.2	3828.0	3718.7	3619.9
360.0	4513.8	4456.8	4346.2	4235.3	4083.9	3862.7	3619.5	3246.9	2881.4	2432.9

C\	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	1987.4	1506.7	927.7	473.9	96.0	64.7	62.3	56.4	55.4	45.8
22.5	272.3	142.2	71.9	36.2	26.6	22.9	22.9	24.2	26.3	28.2
45.0	243.8	162.6	101.0	51.7	29.1	22.9	21.1	19.5	17.7	17.0
67.5	106.6	46.8	21.7	15.8	11.2	9.6	8.7	8.4	7.4	6.5
90.0	42.4	35.0	29.7	24.5	21.4	18.0	14.9	12.1	9.0	7.1
112.5	110.6	51.4	22.6	18.9	13.9	11.5	9.9	9.3	8.4	7.4
135.0	186.8	131.6	75.9	43.1	23.9	22.9	23.5	24.2	22.6	20.1
157.5	208.2	80.2	40.3	25.7	22.0	21.7	21.7	22.3	23.2	22.3

Lumen output data sheet [cd]

180.0	2604.5	2084.7	1588.8	1009.8	512.3	122.0	57.0	53.9	46.8	40.6
202.5	3160.8	2850.1	2248.5	1616.3	918.4	345.7	134.1	48.3	32.8	27.3
225.0	509.6	277.2	152.7	83.3	56.7	46.2	43.1	41.8	40.3	38.4
247.5	87.4	46.2	41.2	38.4	37.5	36.9	34.7	32.5	29.1	26.3
270.0	35.6	16.1	11.8	9.6	8.4	7.4	7.1	6.5	6.2	5.6
292.5	123.3	61.6	50.2	46.8	45.8	44.0	42.1	41.5	40.6	39.0
315.0	773.2	500.6	265.5	146.5	82.7	57.0	48.9	45.8	44.6	42.7
337.5	3458.5	3193.9	2897.8	2393.8	1705.2	1011.1	363.3	137.8	57.0	36.9
360.0	1987.4	1506.7	927.7	473.9	96.0	64.7	62.3	56.4	55.4	45.8

C\	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	39.3	32.5	28.2	28.2	28.5	25.4	20.4	16.4	13.0	10.8
22.5	28.5	27.9	28.2	31.0	31.6	27.6	23.9	21.1	15.8	11.5
45.0	16.4	16.1	15.5	13.9	12.7	9.3	7.1	6.5	5.9	5.6
67.5	5.9	5.0	4.3	4.0	4.0	3.7	3.1	3.1	2.5	2.5
90.0	5.3	3.7	3.4	3.1	3.1	2.8	2.5	2.2	1.9	1.9
112.5	6.2	5.6	5.0	4.6	4.3	3.7	3.7	3.1	2.8	2.5
135.0	17.7	15.2	13.3	11.5	9.0	8.1	7.4	6.8	6.2	5.9
157.5	21.7	22.9	24.5	24.2	21.4	18.6	15.8	11.8	9.3	9.0
180.0	35.6	32.5	30.7	29.4	28.5	26.3	22.0	18.6	15.2	12.7
202.5	22.6	19.2	16.7	15.5	14.2	13.3	12.4	11.8	10.5	9.3
225.0	36.9	34.4	29.7	22.9	16.1	11.5	8.4	6.5	5.3	5.0
247.5	24.2	22.0	19.2	15.5	12.4	9.6	7.4	5.3	3.4	2.8
270.0	5.0	4.6	4.3	4.0	3.7	3.4	3.1	2.8	2.5	2.2
292.5	36.6	33.8	31.9	29.1	26.0	21.7	17.7	14.2	9.3	4.3
315.0	40.9	39.0	38.7	37.2	31.6	23.2	14.9	9.9	7.1	5.6
337.5	32.2	28.5	23.5	18.6	15.5	14.2	13.3	12.1	11.2	9.9
360.0	39.3	32.5	28.2	28.2	28.5	25.4	20.4	16.4	13.0	10.8

C\	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0	99.0
0.0	9.6	9.3	9.3	9.6	9.6	9.6	9.6	9.6	9.6	9.6
22.5	9.3	8.7	8.7	8.7	9.0	9.0	9.0	9.0	9.0	9.0
45.0	5.3	5.0	5.0	5.0	5.3	5.3	5.6	5.6	5.6	5.9
67.5	2.2	2.2	2.2	2.2	2.5	2.5	2.8	2.8	2.8	2.8
90.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.2	2.2	2.2
112.5	2.5	2.8	2.8	2.5	2.8	3.1	3.1	3.1	3.1	3.1
135.0	5.9	5.9	5.9	6.2	6.2	6.2	6.2	6.2	6.5	6.5
157.5	9.0	9.0	9.0	9.3	9.3	9.3	9.6	9.3	9.6	9.6
180.0	11.8	11.2	11.2	10.8	10.8	10.8	10.8	10.8	10.5	10.5
202.5	8.4	8.1	8.1	8.1	8.1	8.4	8.4	8.4	8.4	8.4
225.0	4.0	3.7	3.7	3.7	3.7	4.0	4.0	4.0	4.3	4.3
247.5	2.5	2.2	1.9	1.9	1.9	2.2	2.2	1.9	2.2	2.5
270.0	2.2	1.5	1.9	1.5	1.9	1.9	1.9	1.5	1.9	1.9
292.5	2.8	2.5	2.2	2.2	2.2	1.9	1.9	1.9	2.2	2.2
315.0	4.6	3.7	3.4	3.1	3.1	3.1	3.1	2.8	2.8	2.8
337.5	8.7	7.4	6.2	5.6	5.6	5.6	5.6	5.6	5.6	5.3
360.0	9.6	9.3	9.3	9.6	9.6	9.6	9.6	9.6	9.6	9.6

LED street lights HB-073(120W)

Lumen output data sheet [cd]

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C\	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0	108.0	109.0
0.0	9.6	9.6	9.6	9.9	9.9	9.6	9.6	9.3	9.3	9.0
22.5	9.0	9.0	9.0	9.0	9.3	9.0	9.0	8.7	8.4	8.4
45.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.6	5.6
67.5	2.8	3.1	2.8	3.1	3.1	3.1	3.1	3.1	3.4	3.1
90.0	2.2	2.2	2.2	2.2	2.5	2.2	2.5	2.5	2.2	2.5
112.5	3.1	3.1	3.1	3.4	3.4	3.4	3.4	3.4	3.4	3.4
135.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.2	6.2	6.2
157.5	9.6	9.6	9.6	9.6	9.6	9.3	9.0	9.0	8.7	8.4
180.0	10.2	10.2	10.2	9.9	9.9	9.9	9.6	9.3	9.0	8.7
202.5	8.4	8.4	8.4	8.4	8.1	8.4	8.1	8.1	7.7	7.4
225.0	4.3	4.3	4.6	4.3	4.3	4.3	4.3	4.3	4.3	4.6
247.5	2.5	2.2	2.5	2.5	2.2	2.5	2.5	2.5	2.5	2.2
270.0	1.9	1.9	1.9	2.2	1.9	1.9	1.9	1.9	1.9	1.5
292.5	1.9	1.9	2.2	1.9	1.9	1.9	1.9	1.9	1.9	1.9
315.0	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
337.5	5.3	5.3	5.0	5.3	5.0	5.3	5.0	5.0	5.0	4.6
360.0	9.6	9.6	9.6	9.9	9.9	9.6	9.6	9.3	9.3	9.0

C\	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0
0.0	8.7	8.7	8.4	8.1	8.1	7.7	7.7	8.1	7.4	7.7
22.5	7.7	7.7	7.4	7.4	7.4	7.1	7.1	7.1	6.8	7.1
45.0	5.6	5.6	5.3	5.6	5.3	5.3	5.3	5.6	5.6	5.6
67.5	3.4	3.1	3.1	3.1	3.1	3.1	3.1	3.4	3.7	3.7
90.0	2.5	2.2	2.2	2.5	2.5	2.5	2.5	2.8	2.8	3.1
112.5	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.7	3.7	4.0
135.0	5.9	5.9	5.9	5.9	5.6	5.9	5.9	5.9	5.9	6.2
157.5	8.1	7.7	7.7	7.4	7.4	7.4	7.1	7.1	7.4	7.4
180.0	8.4	7.7	7.7	7.1	6.8	6.5	6.2	6.2	6.2	6.2
202.5	7.1	7.1	6.8	6.8	6.5	6.2	6.2	6.2	5.9	5.9
225.0	4.3	4.3	4.3	4.3	4.0	4.0	4.0	4.0	4.0	4.3
247.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.5	2.2	2.5
270.0	1.9	1.5	1.9	1.5	1.9	1.5	1.9	1.9	1.9	1.9
292.5	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.2	2.2
315.0	2.8	2.5	2.8	2.8	2.5	2.8	2.8	2.8	2.8	2.8
337.5	5.0	4.6	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
360.0	8.7	8.7	8.4	8.1	8.1	7.7	7.7	8.1	7.4	7.7

C\	120.0	121.0	122.0	123.0	124.0	125.0	126.0	127.0	128.0	129.0
0.0	8.1	8.4	8.4	8.7	9.3	9.6	10.2	10.5	11.5	11.8
22.5	7.4	7.7	8.1	8.4	8.7	9.3	9.6	10.2	10.8	11.5
45.0	5.9	6.2	6.2	6.8	7.1	7.7	8.4	8.7	9.3	9.6
67.5	3.7	4.3	4.6	5.0	5.3	5.9	6.2	6.8	7.4	8.1
90.0	3.4	3.7	3.7	4.3	4.6	5.3	5.9	6.5	7.1	7.7
112.5	4.3	4.6	4.6	5.3	5.9	6.2	6.8	7.4	7.7	8.4
135.0	6.5	6.5	7.1	7.4	7.7	8.1	8.7	9.3	9.6	10.2
157.5	7.7	8.1	8.4	8.7	9.3	9.6	9.9	10.8	11.5	12.1

LED street lights HB-073(120W)

Lumen output data sheet [cd]

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180.0	6.5	6.2	6.5	6.8	7.1	7.4	8.1	8.7	9.0	9.6
202.5	5.9	6.2	6.2	6.5	6.8	7.1	7.4	7.7	8.4	8.7
225.0	4.3	4.3	4.6	4.6	5.0	5.3	5.6	6.2	6.5	7.1
247.5	2.5	2.8	3.1	3.4	3.7	3.7	4.3	4.6	5.3	5.9
270.0	1.9	2.2	2.5	2.8	3.1	3.4	4.0	4.3	5.0	5.3
292.5	2.2	2.5	2.8	3.1	3.4	3.7	4.3	4.6	5.3	5.9
315.0	3.1	3.4	3.7	4.0	4.3	5.0	5.0	5.6	5.9	6.5
337.5	4.6	4.6	5.0	5.3	5.6	6.2	6.2	6.8	7.1	7.7
360.0	8.1	8.4	8.4	8.7	9.3	9.6	10.2	10.5	11.5	11.8

C\	130.0	131.0	132.0	133.0	134.0	135.0	136.0	137.0	138.0	139.0
0.0	12.4	13.0	13.3	13.6	13.9	14.6	14.9	15.5	16.4	17.0
22.5	12.1	12.7	13.3	13.6	14.2	14.6	15.2	15.8	16.7	17.3
45.0	10.2	11.2	11.8	12.4	13.3	13.6	14.9	15.5	16.1	17.0
67.5	8.7	9.3	10.2	11.2	12.1	13.0	13.9	14.6	15.8	16.7
90.0	8.7	9.0	9.9	10.5	11.8	12.7	13.6	14.6	15.8	16.7
112.5	9.0	9.6	10.5	11.5	12.4	13.3	14.2	15.2	15.8	16.7
135.0	10.8	11.5	12.1	12.7	13.3	13.9	14.9	15.5	16.4	17.3
157.5	12.7	13.3	13.6	13.9	14.2	14.6	15.5	15.8	16.4	17.3
180.0	9.9	10.8	11.5	12.1	12.7	13.3	13.3	13.9	14.2	14.6
202.5	9.3	9.3	10.2	10.8	11.5	11.8	12.4	12.7	13.3	13.6
225.0	7.4	8.1	8.4	9.0	9.6	9.9	10.8	11.5	12.1	12.7
247.5	6.5	6.8	7.4	8.1	8.7	9.3	9.9	10.8	11.5	12.4
270.0	5.9	6.8	7.1	8.1	8.4	9.0	9.6	10.5	11.5	12.1
292.5	6.5	6.8	7.7	8.1	8.7	9.3	9.9	10.5	11.5	12.4
315.0	7.1	7.7	8.1	8.7	9.3	9.9	10.5	11.5	11.8	12.7
337.5	8.4	8.7	9.0	9.6	10.2	10.8	11.8	12.1	13.0	13.6
360.0	12.4	13.0	13.3	13.6	13.9	14.6	14.9	15.5	16.4	17.0

C\	140.0	141.0	142.0	143.0	144.0	145.0	146.0	147.0	148.0	149.0
0.0	17.7	18.3	19.2	20.1	20.8	21.7	22.6	23.5	24.2	25.1
22.5	18.3	18.9	20.1	20.8	21.7	22.6	23.5	24.5	25.1	26.0
45.0	18.3	19.2	20.1	21.1	22.0	22.9	23.9	24.5	25.7	26.0
67.5	18.0	18.9	20.1	21.1	22.0	22.9	23.5	24.5	25.1	26.0
90.0	17.7	18.9	19.8	20.8	21.7	22.6	23.5	24.2	25.1	25.7
112.5	18.0	19.2	20.1	20.8	21.7	22.6	23.5	24.2	24.8	25.7
135.0	18.3	19.2	20.1	21.1	21.7	22.9	23.5	24.5	25.1	26.0
157.5	18.0	18.9	19.8	20.4	21.7	22.6	23.2	24.2	25.1	25.7
180.0	14.9	15.8	16.4	17.3	18.0	18.6	19.5	20.4	21.7	22.3
202.5	14.2	14.9	15.5	16.4	17.3	18.0	18.6	19.8	20.4	21.7
225.0	13.3	14.2	14.9	15.8	16.7	17.7	18.6	19.2	20.1	21.1
247.5	13.0	13.9	14.9	15.8	16.7	17.3	18.3	18.9	19.8	20.4
270.0	12.7	13.6	14.6	15.2	16.1	17.0	17.7	18.3	19.2	19.8
292.5	13.0	13.9	14.9	15.5	16.1	17.0	18.0	18.6	19.5	20.1
315.0	13.3	13.9	14.9	15.5	16.4	17.3	18.3	19.2	19.8	21.1
337.5	14.2	14.9	15.8	16.1	17.0	18.0	18.6	19.8	20.4	21.4
360.0	17.7	18.3	19.2	20.1	20.8	21.7	22.6	23.5	24.2	25.1

Lumen output data sheet [cd]

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C\	150.0	151.0	152.0	153.0	154.0	155.0	156.0	157.0	158.0	159.0
0.0	25.7	26.3	26.6	27.3	27.9	28.2	28.5	28.8	28.8	29.1
22.5	26.6	27.6	27.9	28.2	28.8	29.1	29.1	29.7	29.7	30.0
45.0	26.9	27.6	27.9	28.5	28.8	29.1	29.4	29.7	30.0	30.0
67.5	26.3	26.9	27.6	28.2	28.2	28.5	29.1	29.1	29.1	29.4
90.0	26.3	26.6	27.3	27.6	27.9	28.2	28.5	28.5	28.8	28.8
112.5	26.3	26.6	26.9	27.3	27.6	27.9	28.2	28.2	28.2	28.2
135.0	26.3	26.9	27.3	27.9	27.9	28.2	28.5	28.5	28.5	28.5
157.5	26.3	26.6	27.6	27.9	28.2	28.5	28.8	28.8	29.1	29.1
180.0	23.5	24.2	25.1	25.7	26.3	26.9	27.6	27.9	28.5	28.8
202.5	22.6	23.2	24.2	24.8	25.4	26.0	26.6	26.9	27.6	27.9
225.0	22.0	22.6	23.2	23.9	24.5	25.1	25.4	26.0	26.0	26.6
247.5	21.1	21.7	22.3	22.9	23.5	23.9	24.2	24.5	24.8	25.1
270.0	20.4	21.1	21.7	22.3	22.9	23.2	23.9	23.9	24.5	24.8
292.5	21.1	21.7	22.3	22.6	23.2	23.9	24.5	24.8	25.1	25.4
315.0	21.7	22.6	23.2	23.9	24.8	25.1	25.7	26.3	26.6	26.9
337.5	22.3	23.2	24.2	24.8	25.4	26.0	26.6	27.3	27.6	28.2
360.0	25.7	26.3	26.6	27.3	27.9	28.2	28.5	28.8	28.8	29.1

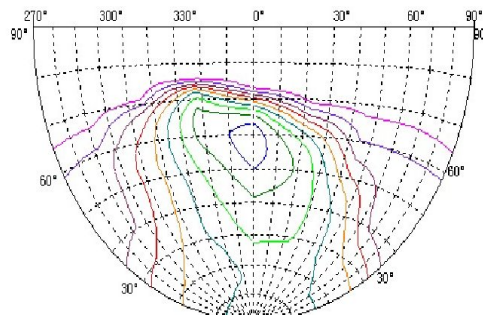
C\	160.0	161.0	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0
0.0	29.1	29.1	29.1	29.1	29.1	29.1	28.8	28.8	28.5	28.5
22.5	30.0	30.0	30.0	30.4	30.0	30.0	29.7	29.4	29.4	29.4
45.0	30.4	30.4	30.0	30.4	30.0	30.0	30.0	29.7	29.7	29.4
67.5	29.4	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.4
90.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	28.8	29.1	29.1
112.5	28.2	28.5	28.2	28.5	28.5	28.2	28.5	28.2	28.5	28.2
135.0	28.5	28.5	28.5	28.2	28.2	27.9	27.9	28.2	27.9	27.9
157.5	29.1	29.1	29.1	28.8	28.8	28.5	28.5	28.2	27.9	27.9
180.0	29.4	29.4	29.7	30.0	30.0	30.0	30.0	30.0	29.7	30.0
202.5	28.2	28.5	28.5	28.8	28.8	28.8	28.5	28.5	28.5	28.5
225.0	26.6	26.9	26.9	26.9	27.3	26.9	26.9	26.9	26.9	26.9
247.5	25.4	25.7	25.7	25.7	26.0	26.0	26.0	26.3	26.6	26.6
270.0	25.1	25.4	25.7	26.0	26.0	26.3	26.6	26.9	26.9	26.9
292.5	25.7	26.0	26.3	26.6	26.9	26.9	27.3	27.6	27.9	27.9
315.0	27.3	27.6	27.9	28.2	28.2	28.2	28.5	28.5	28.5	28.8
337.5	28.2	28.5	28.8	29.1	29.1	29.1	29.1	29.1	29.1	29.1
360.0	29.1	29.1	29.1	29.1	29.1	29.1	28.8	28.8	28.5	28.5

C\	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	28.5	28.8	29.1	29.1	29.4	29.4	29.4	29.4	29.7	29.7
22.5	29.4	29.4	29.4	29.4	29.4	29.7	29.4	29.4	29.4	29.4
45.0	29.4	29.7	29.4	29.4	29.4	29.4	29.1	29.1	29.1	28.8
67.5	29.4	29.4	29.4	29.1	29.1	29.1	28.8	28.8	28.5	28.8
90.0	28.8	29.1	29.1	28.8	28.8	28.8	29.1	28.8	28.8	28.8
112.5	28.5	28.5	28.5	28.5	28.5	28.8	28.5	28.8	28.8	28.8
135.0	28.2	27.9	28.2	28.2	28.5	28.5	28.5	28.5	28.8	28.8
157.5	28.2	28.2	28.2	28.2	28.5	28.5	28.8	28.8	28.8	29.1

Lumen output data sheet [cd]

180.0	29.4	29.4	29.4	29.7	29.7	29.7	30.0	30.0	29.7	29.7
202.5	28.5	28.2	28.5	28.5	28.5	28.8	29.1	28.8	29.1	29.1
225.0	26.9	27.3	27.3	27.6	27.6	27.9	27.9	28.2	28.5	28.5
247.5	26.6	26.9	26.9	26.9	27.3	27.6	27.9	27.9	28.2	28.5
270.0	27.3	27.3	27.3	27.6	27.6	27.9	27.9	28.2	28.5	28.5
292.5	28.2	28.2	28.2	28.5	28.5	28.5	28.5	28.8	28.5	28.8
315.0	28.8	28.8	28.8	29.1	29.1	29.1	29.1	29.1	28.8	28.8
337.5	29.1	29.1	29.1	29.1	29.4	29.4	29.4	29.4	29.1	29.1
360.0	28.5	28.8	29.1	29.1	29.4	29.4	29.4	29.4	29.7	29.7

C\	180.0
0.0	29.7
22.5	29.1
45.0	28.8
67.5	28.5
90.0	28.5
112.5	28.8
135.0	29.1
157.5	29.1
180.0	29.7
202.5	29.1
225.0	28.8
247.5	28.5
270.0	28.5
292.5	28.8
315.0	29.1
337.5	29.1
360.0	29.7



Im ax =1 00%

%	c d
10%	31.25 48
20%	62.50 96
30%	93.76 44
40%	125.01 92
50%	156.27 40
60%	187.52 88
70%	218.78 36
80%	250.03 84
90%	281.29 32
10 0%	31 2.5 48

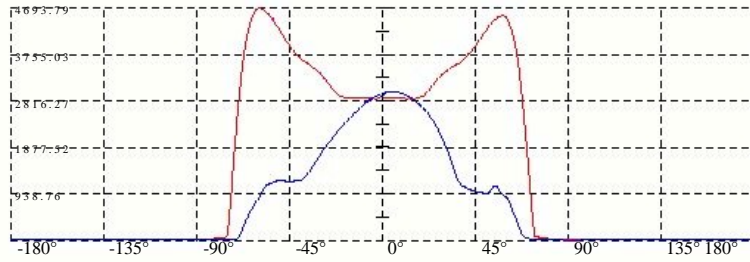
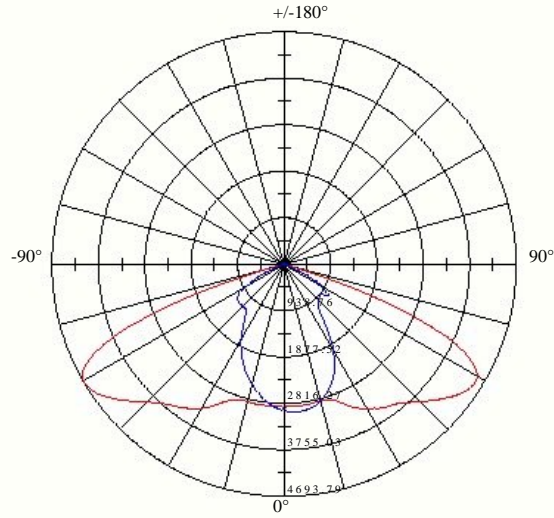
GMS-2000

25

2009-05-04
55%

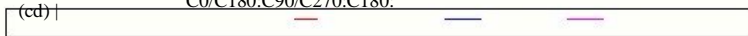
:17.6 m

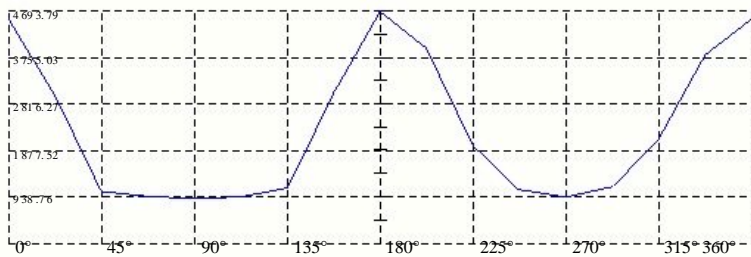
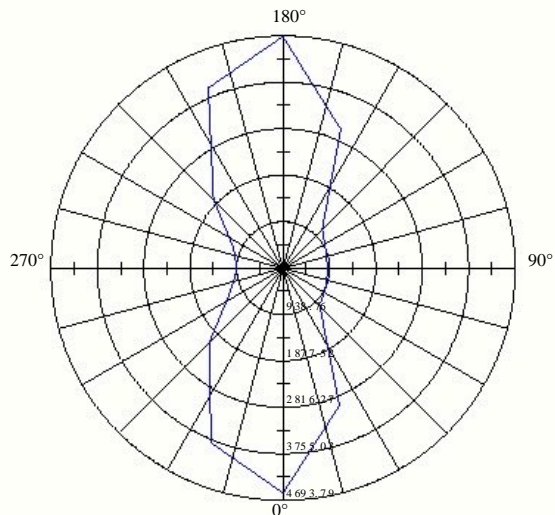
3



(Linear)

C0/C180:C90/C270:C180:



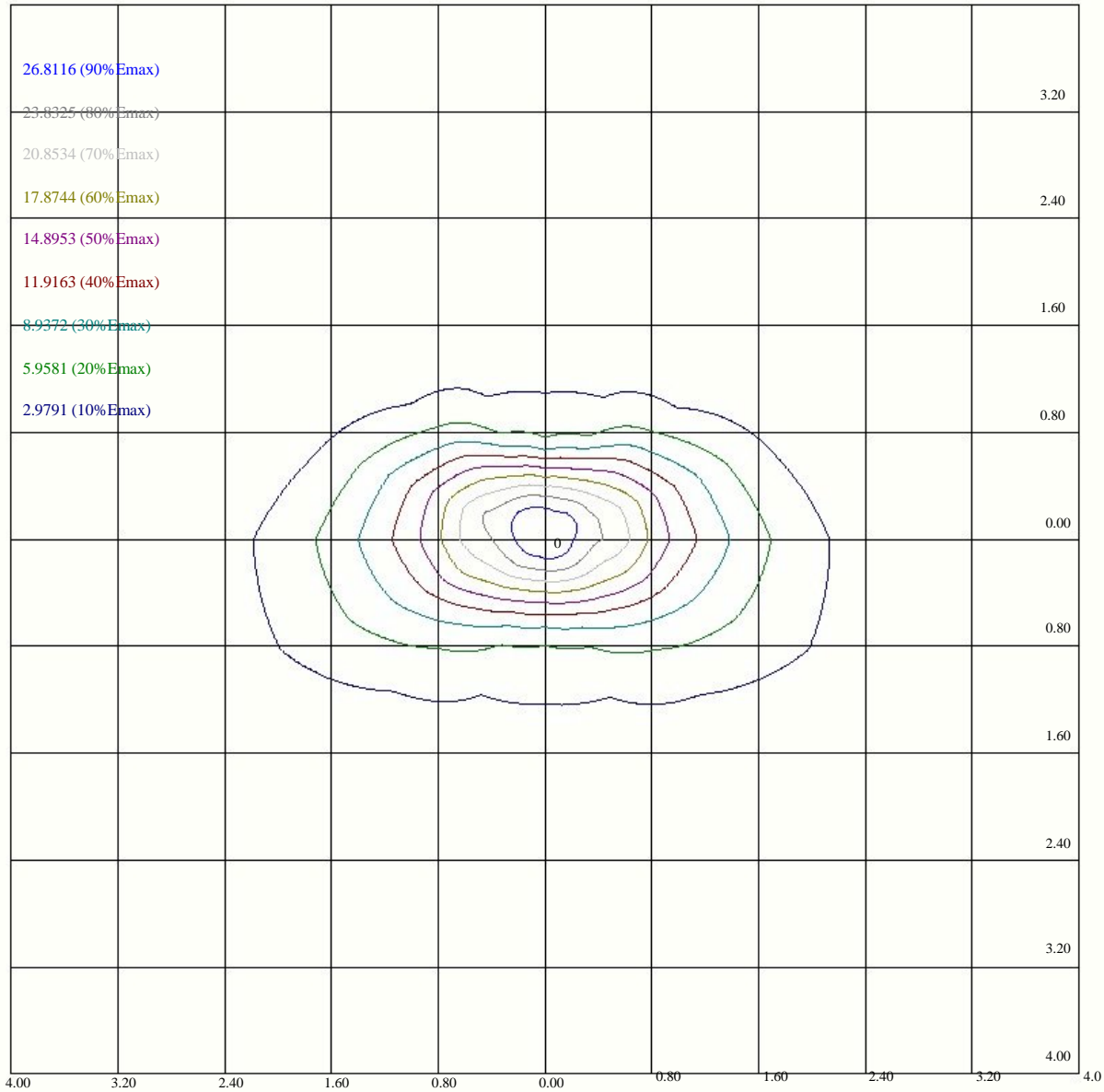


(Linear)



Unit [Ix]

4.00



Plot: d/h
Height: 10 m
Max lumen : 29.7906lx