

Report No.:

Test Time: 2022-5-16 09:00

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.232 A

Power Factor: 0.923

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 277.0 V

Power: 59.27 W

Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 7698.6 lm

Efficiency: 100%

Upward Ratio: 0%

C0r0 Intensity: 2997.72 cd

Pos of Max. Intensity: H0 V2

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 112.8, 102.6, 111.3, 110.2

Longitudinal Classification: Very Short

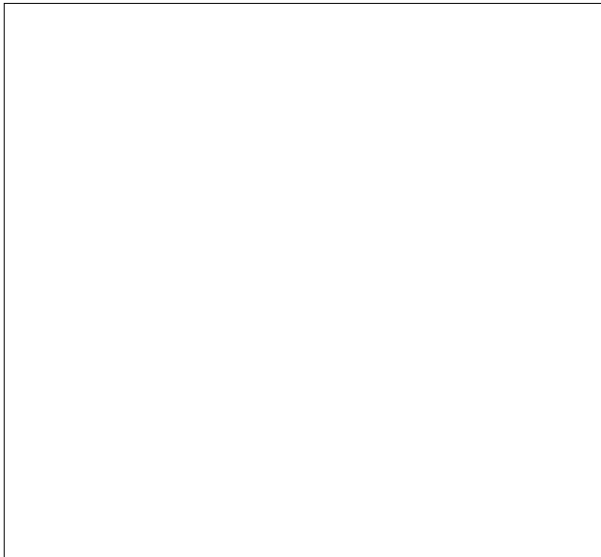
Measurement Flux: 7698.6 lm

Downward Ratio: 100%

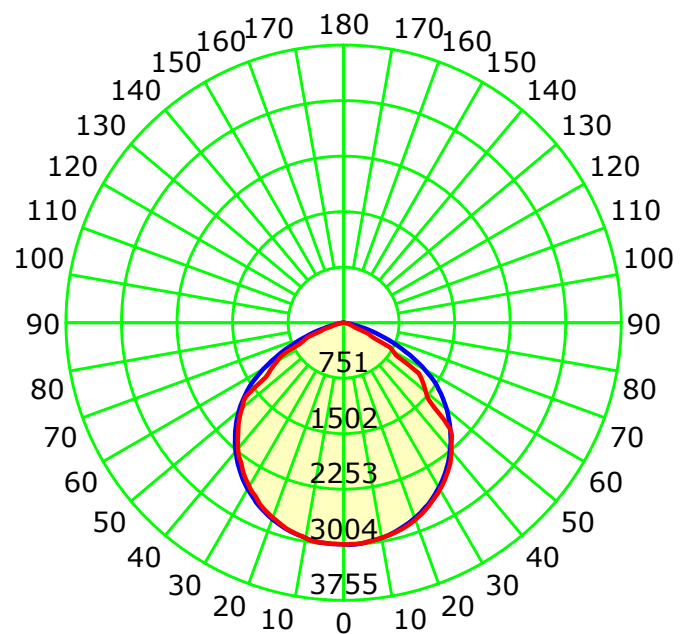
Luminaire Efficacy Rating (LER): 129.94

Max. Intensity: 3004.49 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 107.7°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

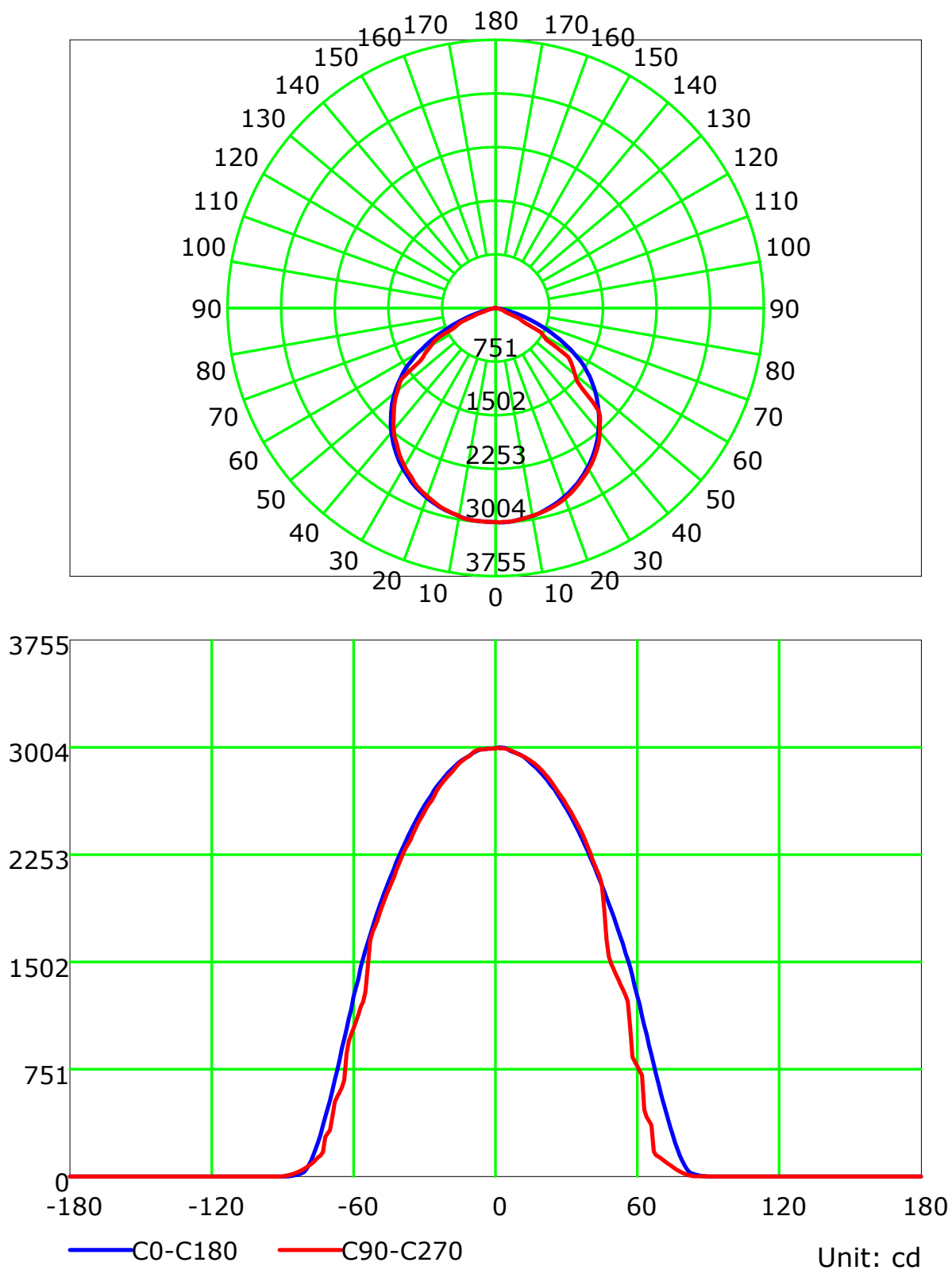
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

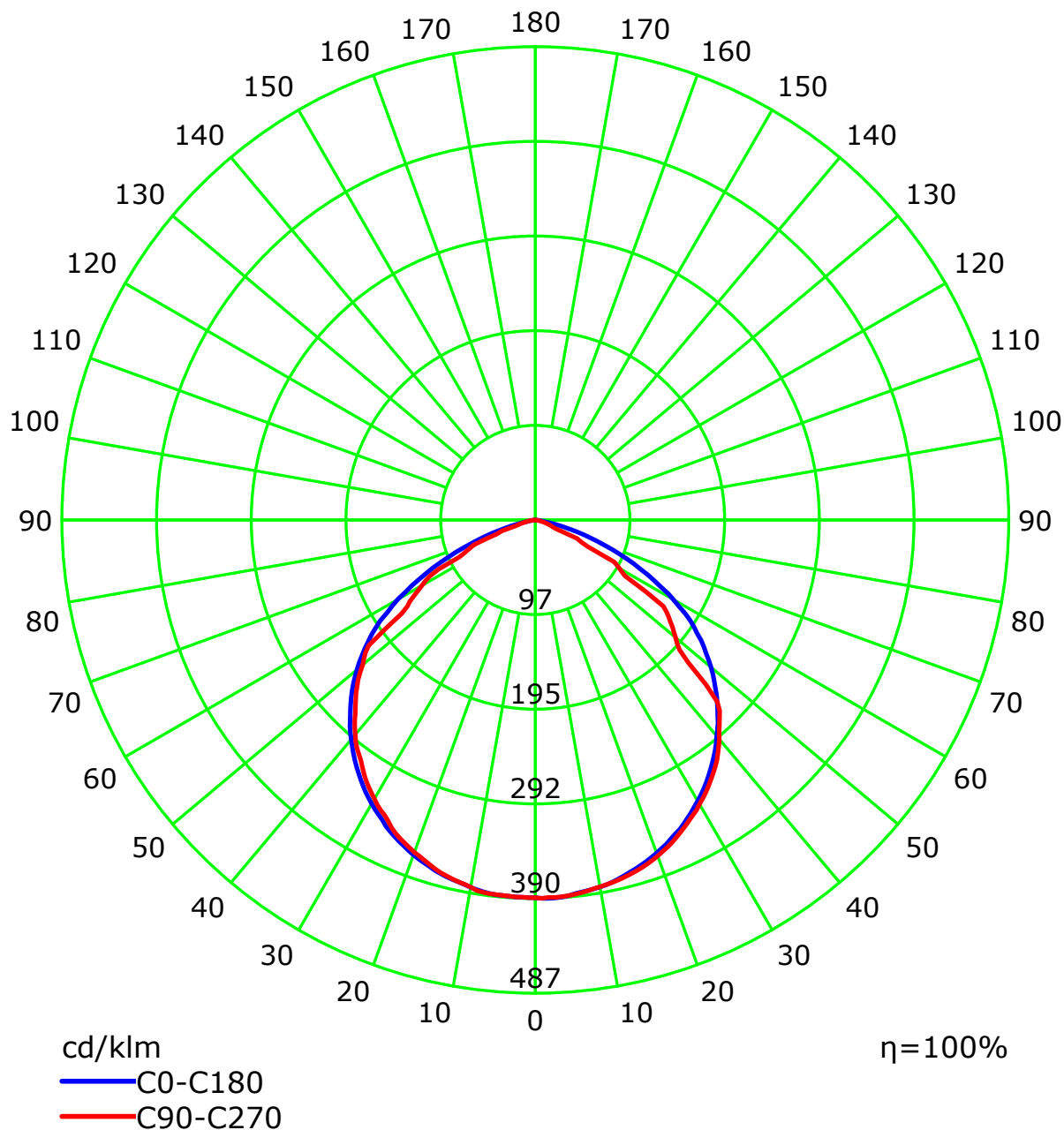
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

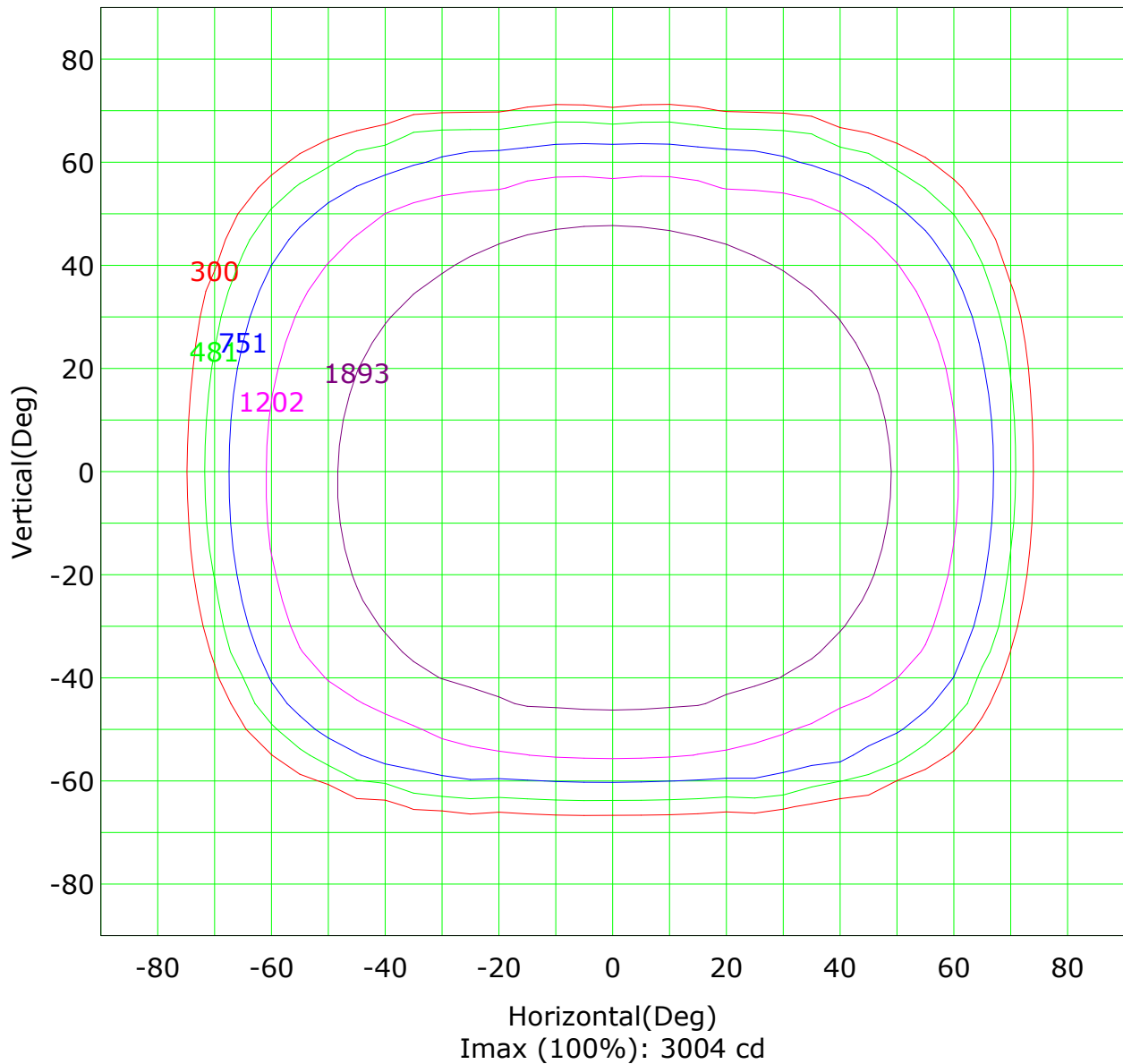
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Isocandela (rectangle)

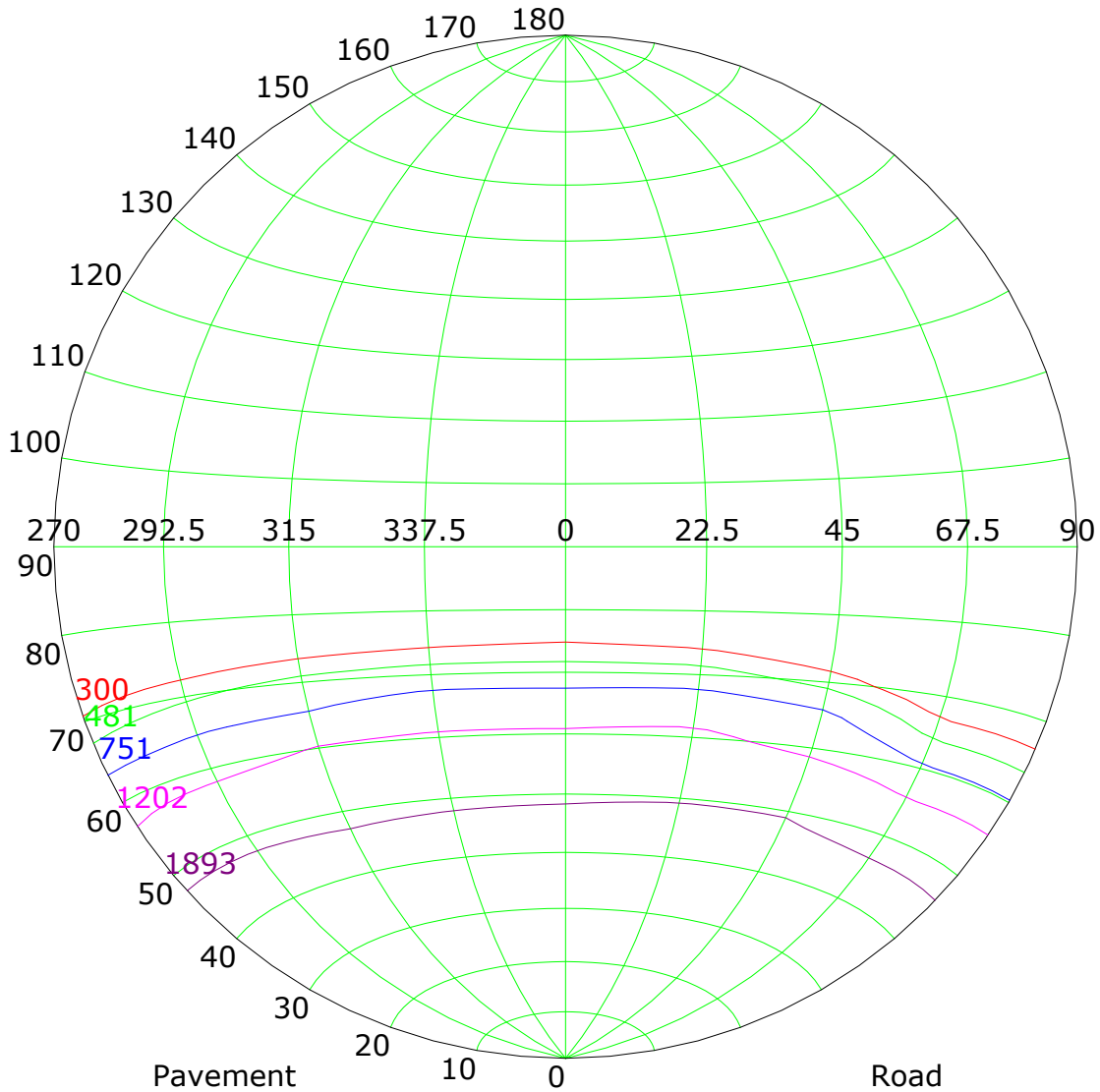


(10%): 300 cd	(16%): 481 cd
(25%): 751 cd	(40%): 1202 cd
(63%): 1893 cd	(100%): 3004 cd

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 3004 cd

(10%): 300 cd
(25%): 751 cd
(63%): 1893 cd

(16%): 481 cd
(40%): 1202 cd
(100%): 3004 cd

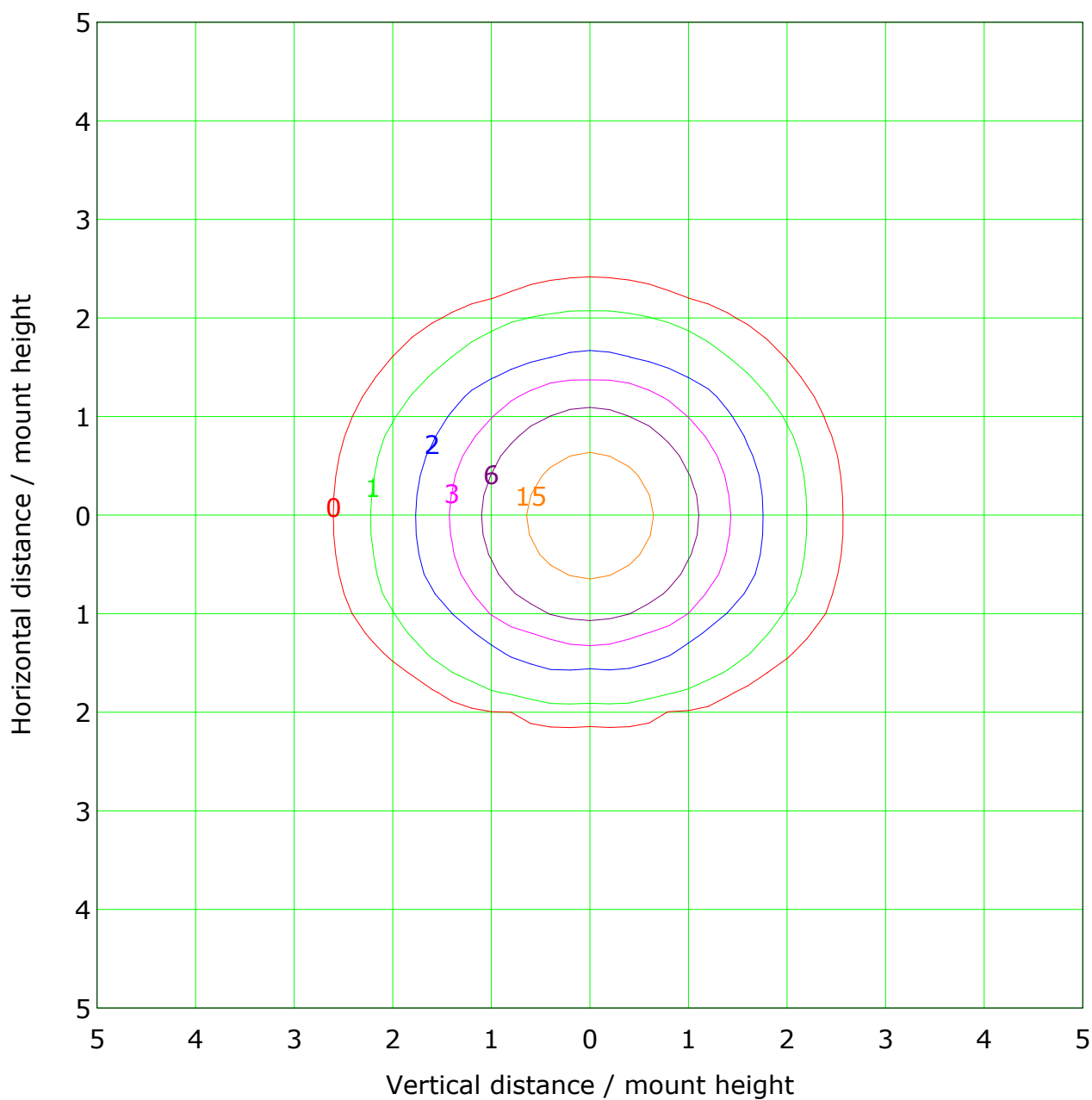
CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 0.000 cd/klm

IES: Cut-off
Max.At80: 10.197 cd/klm
Max.80-90: 10.197 cd/klm

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

IsoLux Plot



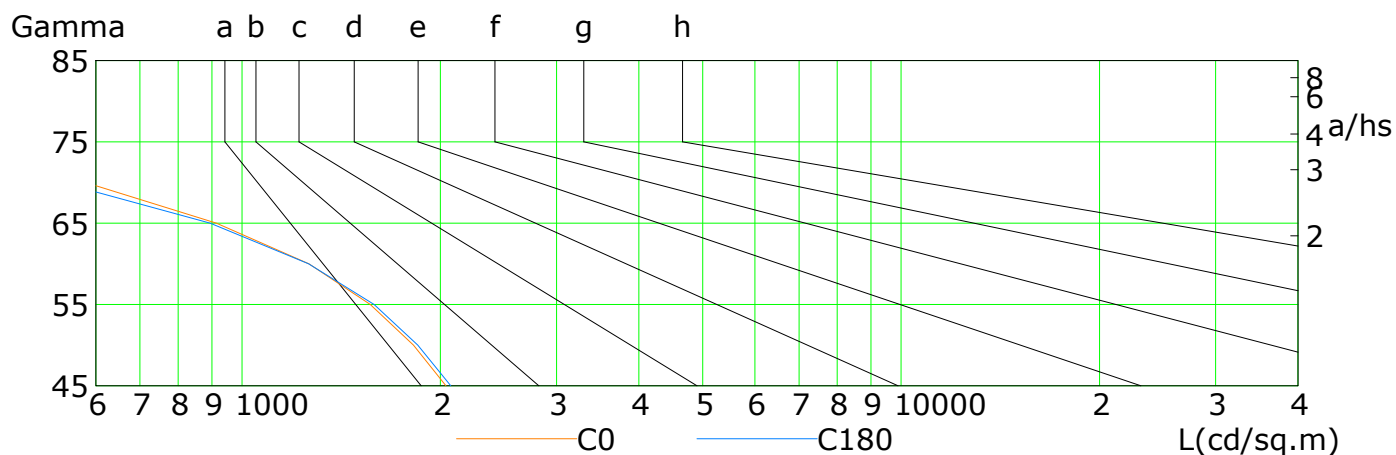
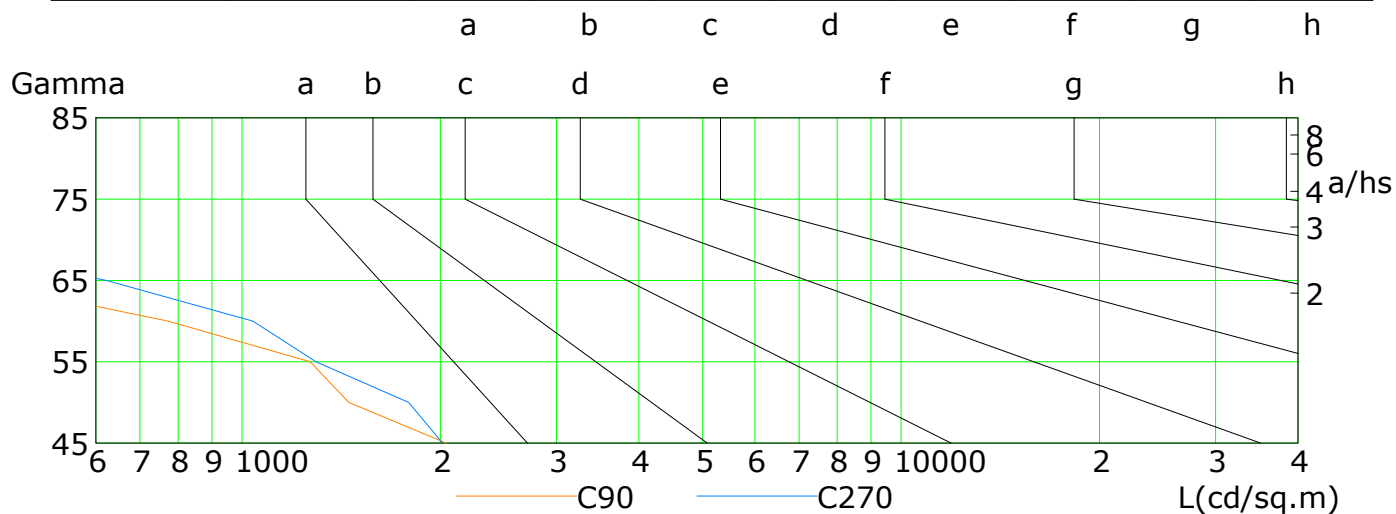
Mounting Height: 10.0m		Max Lux(100%): 30.0 lx	
(1%):	0.3 lx	(2%):	0.6 lx
(5%):	1.5 lx	(10%):	3.0 lx
(20%):	6.0 lx	(50%):	15.0 lx
(100%):	30.0 lx		

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2039	1820	1565	1264	914	580	291	79	12
C90	2041	1452	1269	772	388	128	67	20	2
C180	2073	1848	1587	1262	895	533	242	51	9
C270	2016	1789	1295	1039	623	325	135	65	22

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

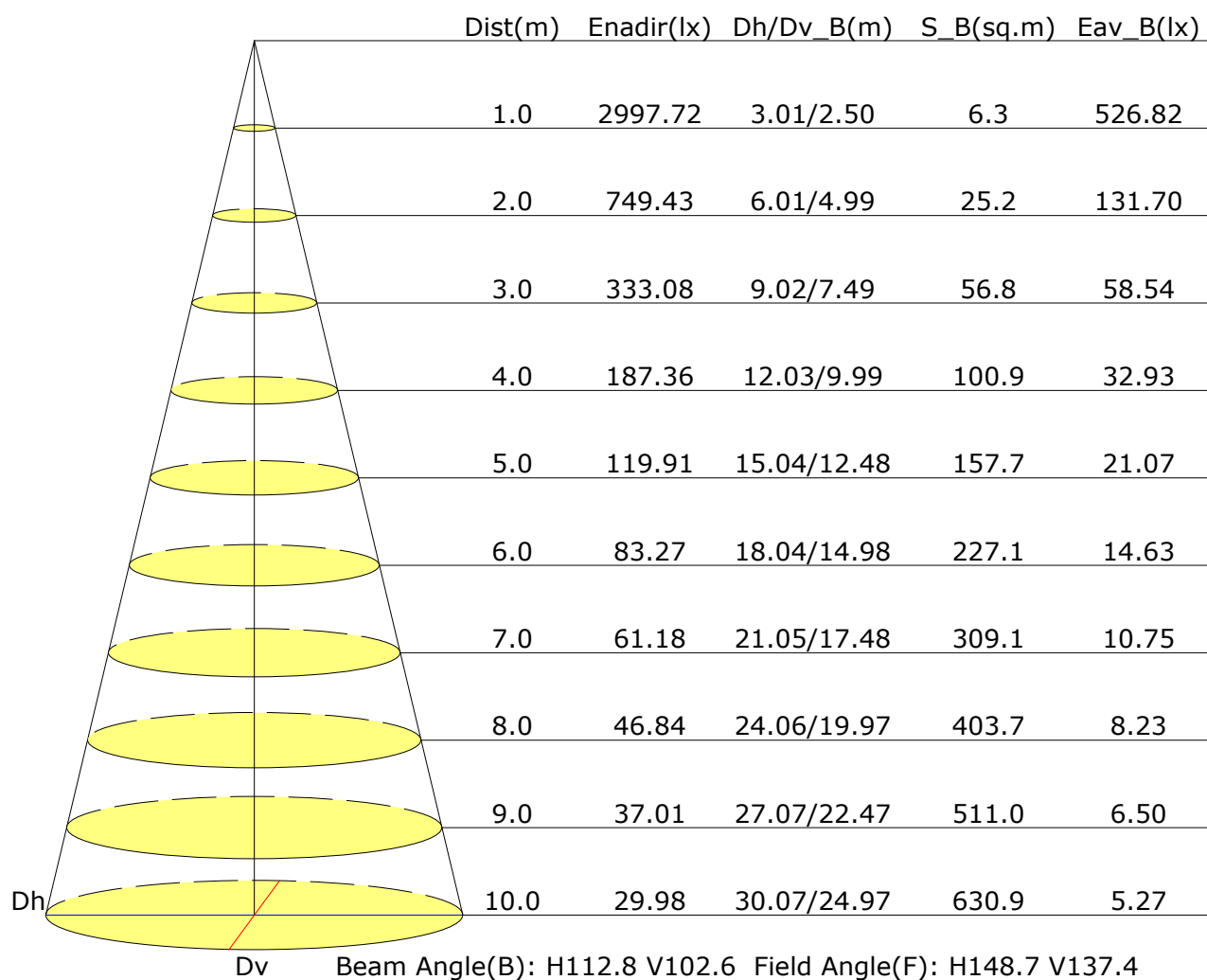
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

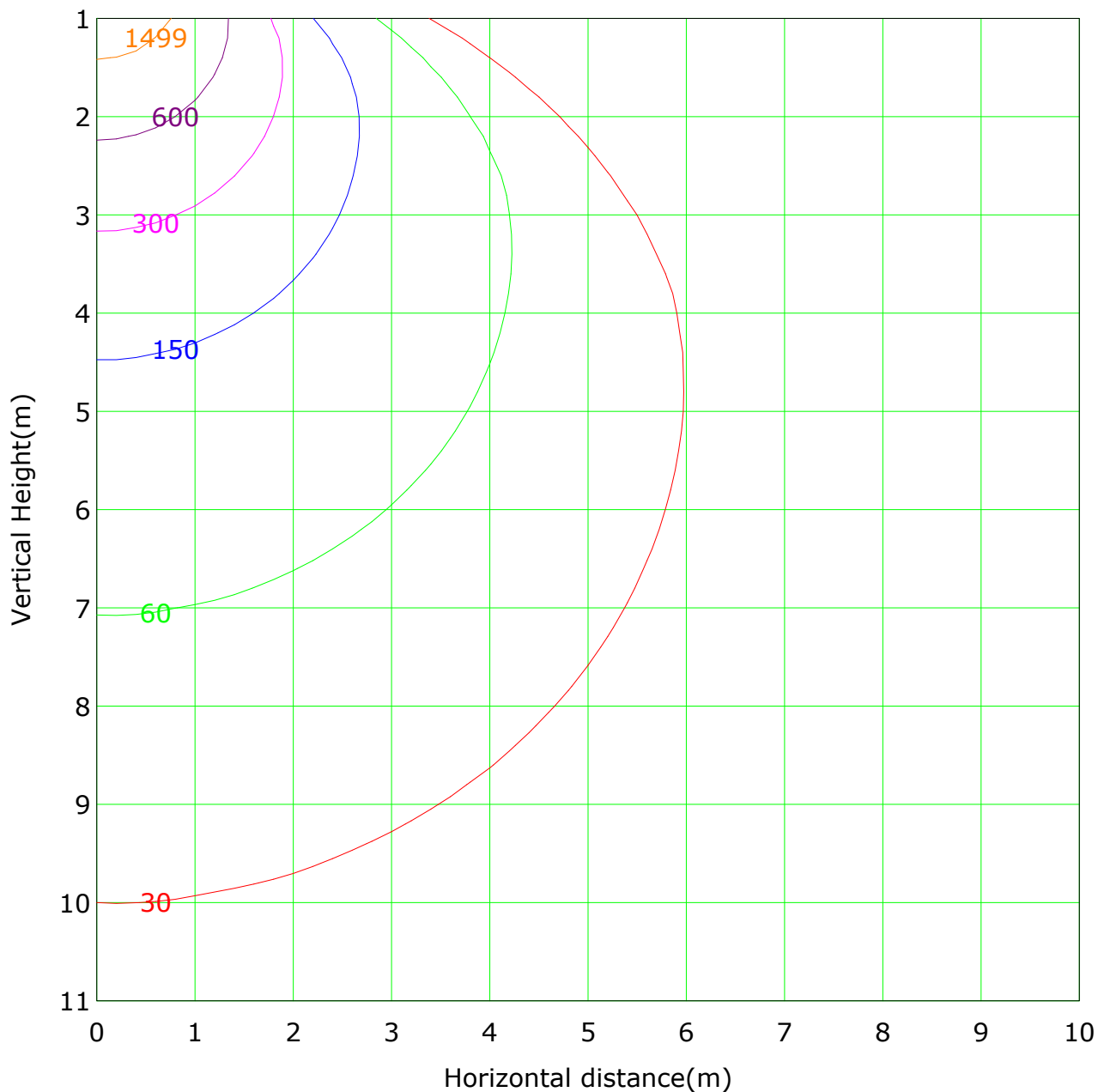
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.4 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.140 m [K=1.0000]
 Humidity:
 Inspector:

Vertical IsoLux Plot



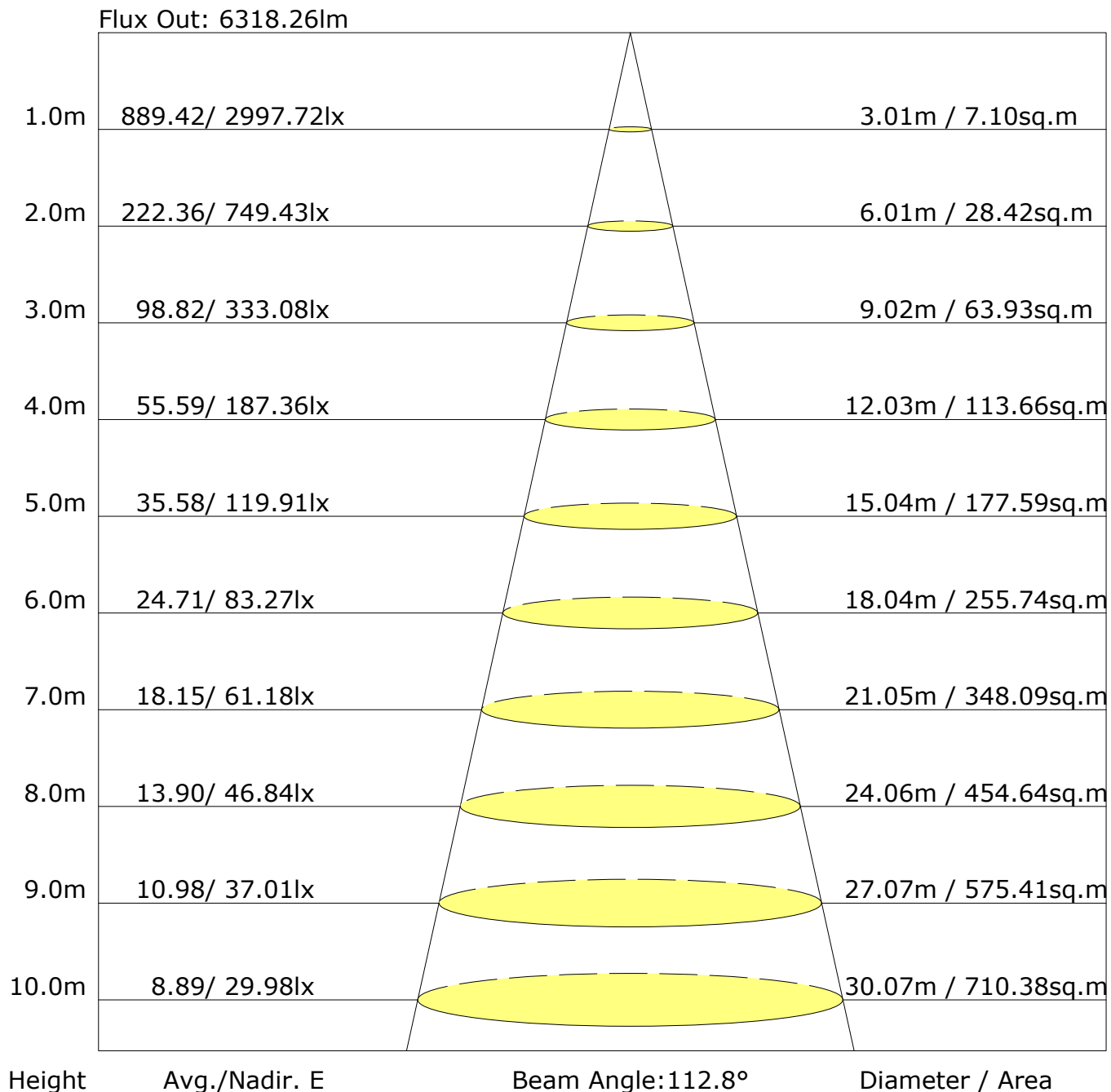
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 2997.7 lx

— (1%): 30.0 lx	— (2%): 60.0 lx
— (5%): 149.9 lx	— (10%): 299.8 lx
— (20%): 599.5 lx	— (50%): 1498.9 lx
— (100%): 2997.7 lx	

C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.4 °C
Operator:

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

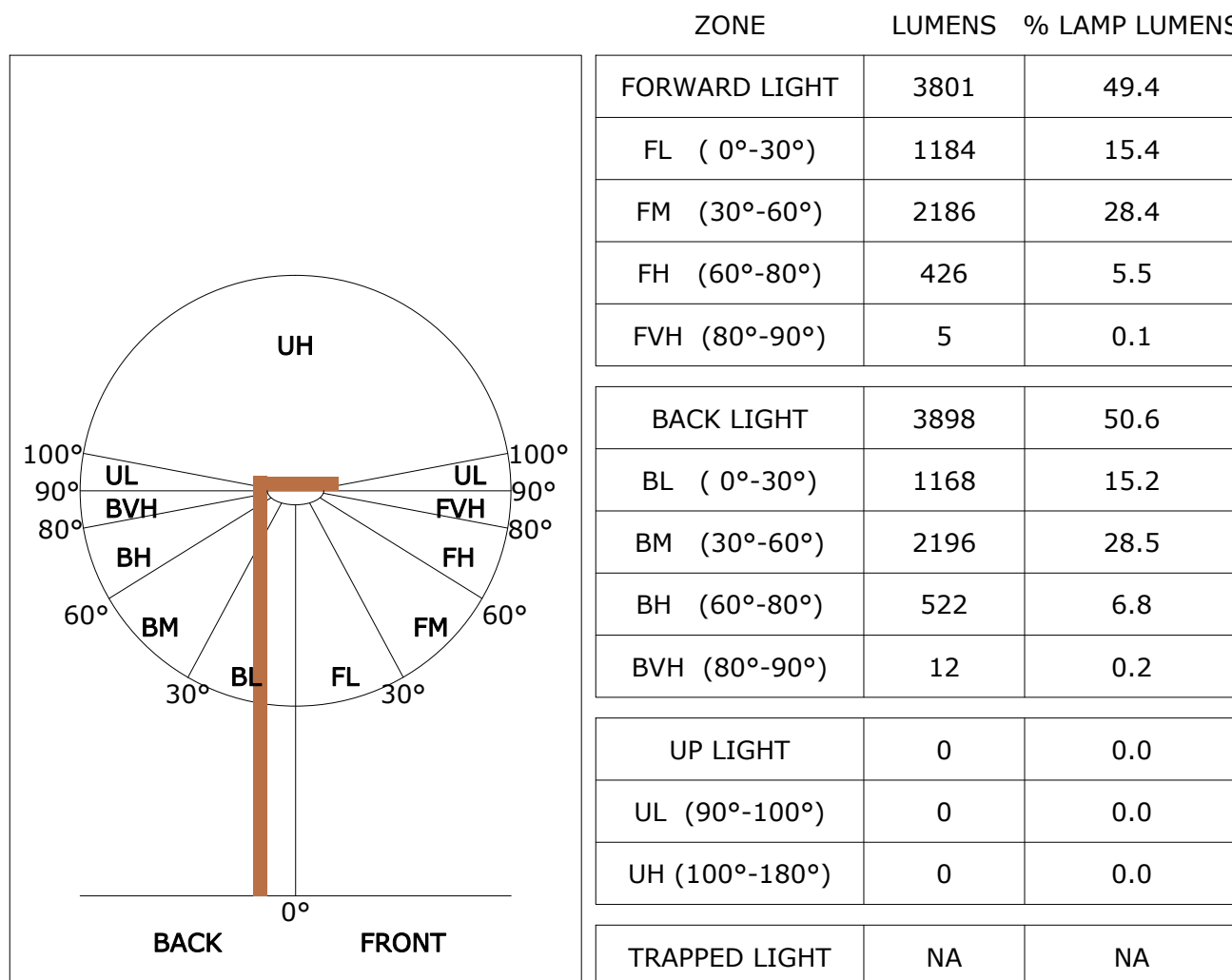
The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.4 'C
 Operator:

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-3000
 Distance: 14.140 m [K=1.0000]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U1 G2
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U1 G1

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.4 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.140 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	2997.7	2997.7	2997.7	2997.7	2997.7	2997.7	2997.7	2997.7	2997.7	2997.7
G1.0	3003.7	2997.9	3000.6	2998.5	3002.1	2998.1	2998.7	2997.4	2996.8	2993.7
G2.0	3004.5	2997.5	2999.9	2999.4	2996.6	2999.1	2998.8	2998.1	2996.0	2992.5
G3.0	3003.1	2997.6	2999.0	2994.7	2999.3	2998.8	2998.5	2999.9	2995.8	2989.9
G4.0	3000.2	2996.6	2997.3	2993.4	2996.5	2996.9	2996.8	2999.1	2993.6	2986.3
G5.0	2993.9	2993.4	2995.9	2992.2	2992.5	2995.3	2995.7	2996.8	2991.0	2981.5
G6.0	2982.5	2988.3	2992.2	2988.2	2986.3	2991.5	2994.6	2993.5	2990.7	2979.4
G7.0	2975.8	2984.2	2986.8	2982.8	2979.8	2986.2	2990.3	2989.7	2985.9	2973.5
G8.0	2969.7	2979.6	2980.0	2976.6	2972.8	2981.5	2983.8	2985.4	2978.7	2966.7
G9.0	2964.2	2975.0	2973.2	2973.4	2962.4	2974.7	2976.8	2975.2	2970.0	2957.8
G10.0	2957.5	2968.0	2965.9	2965.1	2955.3	2967.1	2968.9	2967.2	2960.1	2947.5
G11.0	2948.9	2959.0	2958.2	2957.1	2948.1	2959.8	2959.9	2957.6	2947.3	2936.2
G12.0	2937.9	2944.9	2950.2	2948.3	2940.0	2951.5	2950.6	2947.9	2937.1	2920.0
G13.0	2924.4	2934.1	2935.2	2936.8	2930.8	2941.0	2940.0	2936.5	2927.3	2907.4
G14.0	2909.3	2922.4	2923.3	2926.3	2921.6	2930.0	2929.2	2925.2	2917.7	2894.4
G15.0	2893.9	2910.0	2910.3	2914.1	2909.8	2918.1	2917.2	2912.4	2905.7	2880.5
G16.0	2879.7	2897.0	2896.5	2901.6	2898.4	2905.6	2904.1	2903.5	2892.6	2867.3
G17.0	2865.0	2882.2	2883.0	2888.8	2885.4	2888.0	2885.8	2889.3	2875.1	2852.3
G18.0	2849.0	2866.1	2868.0	2875.1	2871.0	2873.0	2871.2	2873.9	2860.4	2835.6
G19.0	2830.7	2849.4	2853.0	2860.2	2854.7	2856.6	2855.8	2857.4	2844.7	2818.1
G20.0	2812.3	2835.2	2837.5	2838.7	2837.6	2840.2	2838.6	2839.7	2827.9	2801.8
G21.0	2792.9	2817.6	2822.4	2820.4	2817.2	2822.3	2820.7	2817.3	2809.4	2784.8
G22.0	2774.4	2799.1	2805.7	2801.5	2799.3	2806.4	2805.6	2797.9	2788.6	2765.3
G23.0	2749.9	2772.4	2787.5	2781.5	2778.7	2784.3	2787.4	2778.7	2769.5	2742.2
G24.0	2728.2	2756.9	2768.3	2760.0	2755.0	2763.3	2765.8	2758.9	2748.3	2717.7
G25.0	2709.6	2734.3	2747.8	2737.3	2730.4	2740.4	2743.1	2738.6	2727.4	2696.5
G26.0	2683.1	2712.0	2725.0	2713.2	2705.7	2714.9	2719.9	2716.3	2704.8	2675.6
G27.0	2656.1	2688.7	2700.9	2688.4	2681.3	2689.8	2692.9	2693.3	2673.0	2651.4
G28.0	2631.3	2665.5	2676.0	2662.5	2657.4	2664.0	2666.4	2667.6	2649.5	2619.9
G29.0	2601.6	2639.8	2651.3	2638.9	2634.3	2633.8	2641.7	2639.0	2624.9	2593.5
G30.0	2575.8	2608.0	2620.0	2613.6	2603.3	2607.4	2609.9	2613.2	2598.7	2565.9
G31.0	2547.9	2581.0	2592.0	2579.5	2579.1	2578.7	2583.7	2587.6	2571.1	2536.1
G32.0	2518.0	2552.5	2564.3	2550.9	2550.7	2548.6	2551.6	2560.4	2542.9	2508.6
G33.0	2487.2	2522.5	2534.0	2527.6	2520.2	2516.7	2522.9	2530.5	2512.0	2481.3
G34.0	2454.2	2491.1	2503.5	2495.7	2488.7	2490.3	2489.8	2499.3	2480.9	2452.4
G35.0	2421.0	2460.2	2469.6	2463.2	2457.6	2457.4	2456.6	2467.5	2448.4	2419.3
G36.0	2387.5	2427.9	2436.6	2423.3	2425.1	2416.8	2423.6	2435.2	2415.6	2385.1

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	2352.7	2396.2	2402.4	2387.6	2391.9	2381.0	2390.4	2401.0	2382.5	2351.1
G38.0	2316.4	2362.9	2366.8	2351.5	2352.6	2344.8	2354.2	2364.9	2345.6	2313.9
G39.0	2279.5	2327.9	2331.5	2311.9	2310.9	2305.5	2313.3	2328.9	2309.8	2279.3
G40.0	2238.1	2291.7	2295.6	2273.0	2270.6	2262.2	2275.8	2292.0	2273.7	2242.0
G41.0	2202.3	2252.0	2256.3	2230.6	2222.2	2221.9	2236.9	2256.1	2237.7	2204.6
G42.0	2165.1	2215.0	2219.4	2188.5	2182.0	2177.9	2195.9	2212.2	2199.7	2168.2
G43.0	2122.0	2169.9	2173.1	2142.2	2143.4	2136.2	2156.0	2175.0	2153.7	2125.4
G44.0	2081.2	2129.8	2128.4	2101.0	2105.2	2096.6	2104.7	2134.1	2113.0	2085.3
G45.0	2039.0	2087.2	2083.0	2059.6	2041.2	2055.6	2067.8	2090.8	2072.9	2044.7
G46.0	1999.0	2041.4	2044.0	2020.4	1881.7	2013.1	2020.6	2046.3	2030.9	2002.0
G47.0	1951.8	2001.4	1998.7	1971.4	1657.9	1952.2	1972.4	2001.9	1988.4	1957.5
G48.0	1909.4	1950.2	1946.6	1864.4	1540.0	1826.6	1925.1	1955.6	1943.6	1907.7
G49.0	1866.1	1906.7	1897.1	1651.7	1489.1	1606.0	1866.5	1908.0	1895.8	1862.2
G50.0	1820.0	1859.6	1843.9	1500.0	1451.9	1480.8	1816.2	1857.4	1847.9	1817.0
G51.0	1771.4	1809.1	1792.1	1420.9	1414.8	1409.5	1765.7	1809.5	1800.0	1768.1
G52.0	1719.7	1759.1	1744.9	1382.3	1380.0	1373.3	1719.1	1762.4	1744.5	1719.8
G53.0	1674.1	1709.9	1696.3	1340.2	1341.8	1337.1	1668.8	1714.0	1693.2	1661.5
G54.0	1626.2	1659.5	1647.8	1304.0	1307.5	1299.7	1619.5	1661.2	1639.0	1609.8
G55.0	1564.9	1609.2	1588.0	1263.8	1269.3	1262.4	1530.0	1602.5	1586.6	1558.1
G56.0	1519.7	1553.7	1468.8	1224.1	1225.9	1219.7	1333.0	1548.6	1527.8	1503.9
G57.0	1465.9	1491.5	1266.1	1179.5	1042.8	1172.6	1183.8	1494.8	1467.9	1447.8
G58.0	1402.7	1439.7	1150.4	1136.6	837.3	1130.4	1107.2	1439.1	1386.3	1391.3
G59.0	1326.5	1383.8	1098.6	1046.2	803.9	950.9	1065.2	1381.5	1325.4	1332.7
G60.0	1263.5	1325.3	1056.3	789.2	772.5	769.1	1025.4	1315.5	1262.0	1245.6
G61.0	1206.0	1254.7	1011.1	739.2	740.6	737.5	982.2	1238.6	1174.2	1183.2
G62.0	1123.4	1181.4	965.4	709.2	709.3	700.9	934.6	1167.2	1109.9	1118.9
G63.0	1057.1	1110.5	916.5	672.3	466.4	664.3	889.0	1084.8	1034.8	1033.1
G64.0	994.8	1027.4	869.7	634.8	416.1	613.7	837.0	1004.4	962.3	975.1
G65.0	914.3	960.7	821.7	406.6	388.2	392.9	781.7	930.7	894.5	897.9
G66.0	854.4	881.9	690.9	369.3	361.1	366.9	572.8	857.6	813.0	826.0
G67.0	783.1	809.7	539.4	341.6	175.1	337.7	513.6	783.2	739.9	751.2
G68.0	714.6	738.9	488.3	315.2	148.7	309.6	468.3	713.8	678.0	693.3
G69.0	649.8	658.3	449.2	142.8	139.3	140.0	423.7	638.4	602.8	615.7
G70.0	579.6	582.9	402.4	130.5	127.9	129.6	307.5	522.4	532.9	558.9
G71.0	521.0	474.5	246.0	120.3	115.0	119.8	232.9	420.0	476.2	500.5
G72.0	462.0	385.5	221.1	109.7	103.0	107.8	205.5	366.4	418.0	436.3
G73.0	404.5	332.6	191.5	95.8	90.1	95.6	158.8	319.5	359.6	379.5

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	344.7	286.7	98.2	84.2	79.5	83.0	90.3	269.2	294.2	314.3
G75.0	291.4	241.4	85.2	72.6	66.8	71.8	79.4	222.3	241.9	233.4
G76.0	238.3	195.2	74.1	60.3	55.6	58.7	68.3	169.1	197.7	191.0
G77.0	192.2	144.4	62.0	49.6	45.4	48.9	56.7	108.2	152.8	154.7
G78.0	148.1	93.6	50.8	39.6	35.7	39.1	47.0	83.3	111.6	119.6
G79.0	112.1	69.7	40.5	30.7	27.5	29.5	36.7	57.6	78.7	83.6
G80.0	78.5	45.5	31.0	23.2	19.9	22.5	28.7	38.1	51.3	61.5
G81.0	52.0	34.0	23.3	15.9	13.8	15.3	21.2	28.1	32.6	44.5
G82.0	32.0	25.0	16.3	10.3	8.4	9.3	14.7	21.2	23.6	32.2
G83.0	23.0	17.9	10.7	6.0	4.7	3.7	9.5	15.1	17.2	24.2
G84.0	17.2	12.7	6.5	2.4	2.6	2.3	5.3	10.7	12.6	18.1
G85.0	12.4	8.8	2.7	1.3	2.4	1.8	2.3	7.1	8.5	12.6
G86.0	8.3	5.1	1.6	1.7	2.4	1.8	2.6	4.2	5.5	8.4
G87.0	4.6	3.0	1.5	1.6	2.4	1.6	2.3	3.1	2.9	4.9
G88.0	2.8	2.3	1.0	1.0	2.0	1.5	2.3	2.3	1.5	3.1
G89.0	2.0	2.1	1.0	0.8	2.0	1.7	2.1	2.3	1.2	2.3
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	2997.7	2997.7	2997.7	2997.7	2997.7	2997.7	2997.7			
G1.0	2996.1	2995.5	2997.2	2999.8	2995.1	2997.1	3003.7			
G2.0	2992.3	2995.4	2994.7	2997.4	2994.8	2995.6	3004.5			
G3.0	2987.9	2989.8	2996.2	2995.1	2991.3	2992.7	3003.1			
G4.0	2984.1	2986.3	2992.4	2990.7	2988.7	2985.2	3000.2			
G5.0	2983.7	2982.1	2991.1	2985.5	2983.8	2979.8	2993.9			
G6.0	2978.2	2976.8	2989.4	2979.4	2975.7	2973.1	2982.5			
G7.0	2969.9	2970.3	2988.5	2966.8	2966.0	2967.5	2975.8			
G8.0	2959.1	2963.5	2983.2	2958.4	2951.8	2964.5	2969.7			
G9.0	2948.6	2953.6	2976.7	2948.7	2943.7	2955.1	2964.2			
G10.0	2935.3	2942.4	2958.3	2938.0	2933.5	2944.3	2957.5			
G11.0	2926.0	2931.3	2944.3	2926.4	2919.5	2932.3	2948.9			
G12.0	2915.5	2918.8	2935.7	2916.4	2907.5	2919.6	2937.9			
G13.0	2902.5	2907.5	2924.5	2905.8	2895.5	2905.6	2924.4			
G14.0	2890.7	2894.2	2911.1	2893.3	2884.6	2884.9	2909.3			
G15.0	2875.5	2879.8	2898.8	2880.6	2869.2	2877.8	2893.9			
G16.0	2859.6	2864.8	2881.4	2864.8	2852.7	2859.2	2879.7			
G17.0	2842.1	2848.9	2861.5	2848.3	2835.1	2845.3	2865.0			
G18.0	2827.7	2832.0	2841.4	2831.6	2818.2	2826.4	2849.0			
G19.0	2811.1	2813.6	2822.0	2810.4	2797.9	2805.9	2830.7			
G20.0	2789.9	2789.5	2806.7	2793.5	2777.5	2787.1	2812.3			
G21.0	2768.5	2770.7	2786.0	2773.8	2758.8	2769.4	2792.9			
G22.0	2752.8	2751.2	2766.3	2753.4	2738.3	2751.3	2774.4			
G23.0	2731.4	2728.8	2746.2	2731.9	2714.0	2730.8	2749.9			
G24.0	2706.0	2706.0	2723.6	2710.0	2692.2	2708.3	2728.2			
G25.0	2683.0	2683.4	2696.7	2681.3	2662.6	2684.6	2709.6			
G26.0	2657.1	2661.1	2662.1	2658.1	2639.1	2656.9	2683.1			
G27.0	2630.3	2637.4	2631.8	2634.4	2614.5	2631.5	2656.1			
G28.0	2604.8	2611.5	2611.4	2608.7	2586.4	2607.1	2631.3			
G29.0	2578.4	2581.5	2586.4	2580.4	2559.8	2582.0	2601.6			
G30.0	2548.4	2551.6	2554.9	2550.7	2532.5	2554.5	2575.8			
G31.0	2521.3	2515.7	2525.6	2521.9	2503.4	2518.2	2547.9			
G32.0	2494.8	2486.6	2496.8	2492.6	2474.0	2487.8	2518.0			
G33.0	2462.6	2457.3	2467.1	2463.4	2441.4	2457.5	2487.2			
G34.0	2429.5	2426.5	2431.4	2432.2	2410.1	2426.8	2454.2			
G35.0	2396.8	2392.7	2394.3	2390.3	2376.5	2394.7	2421.0			
G36.0	2365.5	2355.9	2356.2	2357.4	2335.4	2362.2	2387.5			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	2324.7	2322.7	2327.0	2323.0	2300.7	2327.9	2352.7			
G38.0	2290.0	2286.5	2299.6	2287.9	2266.9	2294.1	2316.4			
G39.0	2254.2	2248.4	2264.6	2252.0	2230.7	2258.9	2279.5			
G40.0	2216.2	2211.0	2223.1	2212.4	2192.1	2222.8	2238.1			
G41.0	2177.3	2172.4	2183.9	2172.9	2154.4	2185.9	2202.3			
G42.0	2136.6	2129.5	2142.1	2131.3	2116.1	2141.3	2165.1			
G43.0	2095.7	2087.5	2095.7	2092.7	2077.4	2101.1	2122.0			
G44.0	2054.1	2044.5	2055.0	2051.2	2032.7	2063.6	2081.2			
G45.0	2014.6	1993.6	2015.7	2011.2	1991.5	2022.7	2039.0			
G46.0	1967.4	1951.9	1978.7	1968.6	1951.1	1980.3	1999.0			
G47.0	1924.9	1911.9	1933.7	1927.1	1907.4	1937.2	1951.8			
G48.0	1879.2	1870.4	1892.8	1883.1	1861.2	1895.1	1909.4			
G49.0	1832.4	1827.4	1843.2	1832.8	1811.3	1849.7	1866.1			
G50.0	1777.1	1781.0	1789.5	1791.2	1766.8	1801.9	1820.0			
G51.0	1727.7	1732.6	1750.6	1746.3	1719.8	1756.2	1771.4			
G52.0	1679.1	1686.0	1711.8	1700.6	1659.6	1708.3	1719.7			
G53.0	1629.8	1639.2	1655.1	1654.3	1592.6	1659.0	1674.1			
G54.0	1581.0	1591.7	1472.4	1566.6	1555.8	1608.6	1626.2			
G55.0	1527.3	1530.2	1294.7	1523.8	1501.2	1552.4	1564.9			
G56.0	1475.3	1373.6	1224.6	1368.6	1442.9	1499.5	1519.7			
G57.0	1422.6	1197.4	1188.6	1196.9	1403.7	1447.2	1465.9			
G58.0	1370.2	1117.6	1134.8	1097.4	1339.7	1393.6	1402.7			
G59.0	1319.1	1069.6	1086.6	1053.1	1291.7	1339.8	1326.5			
G60.0	1264.4	1024.5	1038.9	998.5	1228.0	1265.3	1263.5			
G61.0	1202.7	981.6	998.4	960.3	1175.1	1186.5	1206.0			
G62.0	1135.4	937.6	950.6	911.4	1103.9	1130.9	1123.4			
G63.0	945.4	891.0	863.7	873.6	949.1	1054.5	1057.1			
G64.0	837.2	845.0	673.7	827.0	827.7	981.5	994.8			
G65.0	786.6	726.5	622.7	739.6	780.6	922.4	914.3			
G66.0	731.1	582.1	588.5	576.3	739.4	843.8	854.4			
G67.0	678.4	545.2	557.8	536.5	688.5	789.1	783.1			
G68.0	629.2	511.9	523.0	503.7	647.0	710.2	714.6			
G69.0	571.1	479.9	418.4	474.3	596.3	655.7	649.8			
G70.0	517.7	444.3	324.5	440.9	545.0	591.9	579.6			
G71.0	371.3	296.3	303.1	292.8	401.6	529.2	521.0			
G72.0	334.8	270.4	276.9	267.3	347.8	465.4	462.0			
G73.0	296.8	249.0	172.0	245.2	312.0	411.4	404.5			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	259.8	173.3	147.3	205.1	278.5	351.9	344.7			
G75.0	178.7	132.0	134.8	128.2	196.8	252.2	291.4			
G76.0	151.1	119.0	118.4	116.0	161.2	207.7	238.3			
G77.0	130.9	101.9	100.8	101.5	140.0	173.0	192.2			
G78.0	83.9	86.8	88.0	86.8	89.1	136.9	148.1			
G79.0	72.5	74.7	75.3	74.6	77.0	104.3	112.1			
G80.0	59.9	63.0	64.8	62.4	63.2	69.1	78.5			
G81.0	48.1	52.2	53.7	52.7	52.2	51.0	52.0			
G82.0	38.2	42.5	44.5	44.1	42.2	35.8	32.0			
G83.0	29.9	34.2	36.1	35.3	33.3	27.6	23.0			
G84.0	22.6	26.9	28.5	27.5	25.4	20.2	17.2			
G85.0	16.5	19.8	21.6	20.7	19.1	14.8	12.4			
G86.0	10.5	14.2	16.3	15.6	14.0	9.9	8.3			
G87.0	6.3	10.3	12.1	10.1	9.0	6.6	4.6			
G88.0	3.7	6.1	8.2	5.8	5.5	4.6	2.8			
G89.0	2.5	3.5	5.5	3.4	3.9	3.1	2.0			
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.4 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector: