



Report No.:

Test Time: 2019-4-23 17:38

## Luminaire Property

Luminaire Manufacturer: ASD LIGHTING CORP

Voltage: 119.9 V

Current: 0.8305 A

Power: 98.37 W

Power Factor: 0.987

## Photometric Results

IES Classification: Type IV

Longitudinal Classification: Very Short

Total Rated Lamp Lumens: 12486.9 lm

Measurement Flux: 12486.9 lm

Efficiency: 100%

Downward Ratio: 97%

Upward Ratio: 3%

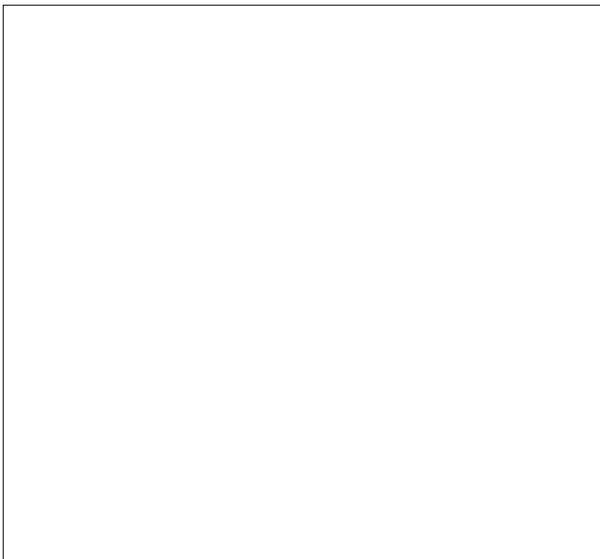
Luminaire Efficacy Rating (LER): 126.94

Central Intensity: 1942.42 cd

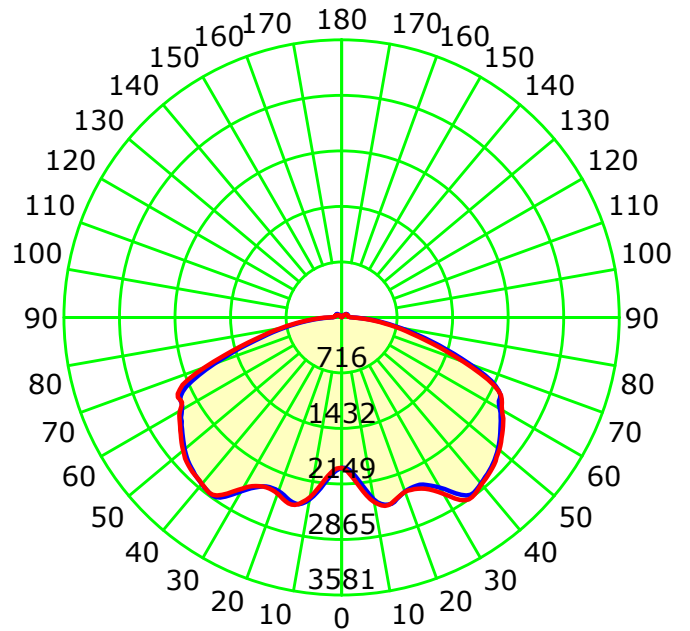
Max. Intensity: 2865.41 cd

Pos of Max. Intensity: H90 V36

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 145.5°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Test Lab:

Test Device: GPM-3000

Test Type: TYPE C

Distance: 14.040 m [K=1.0000]

Temperature: 28.4 °C

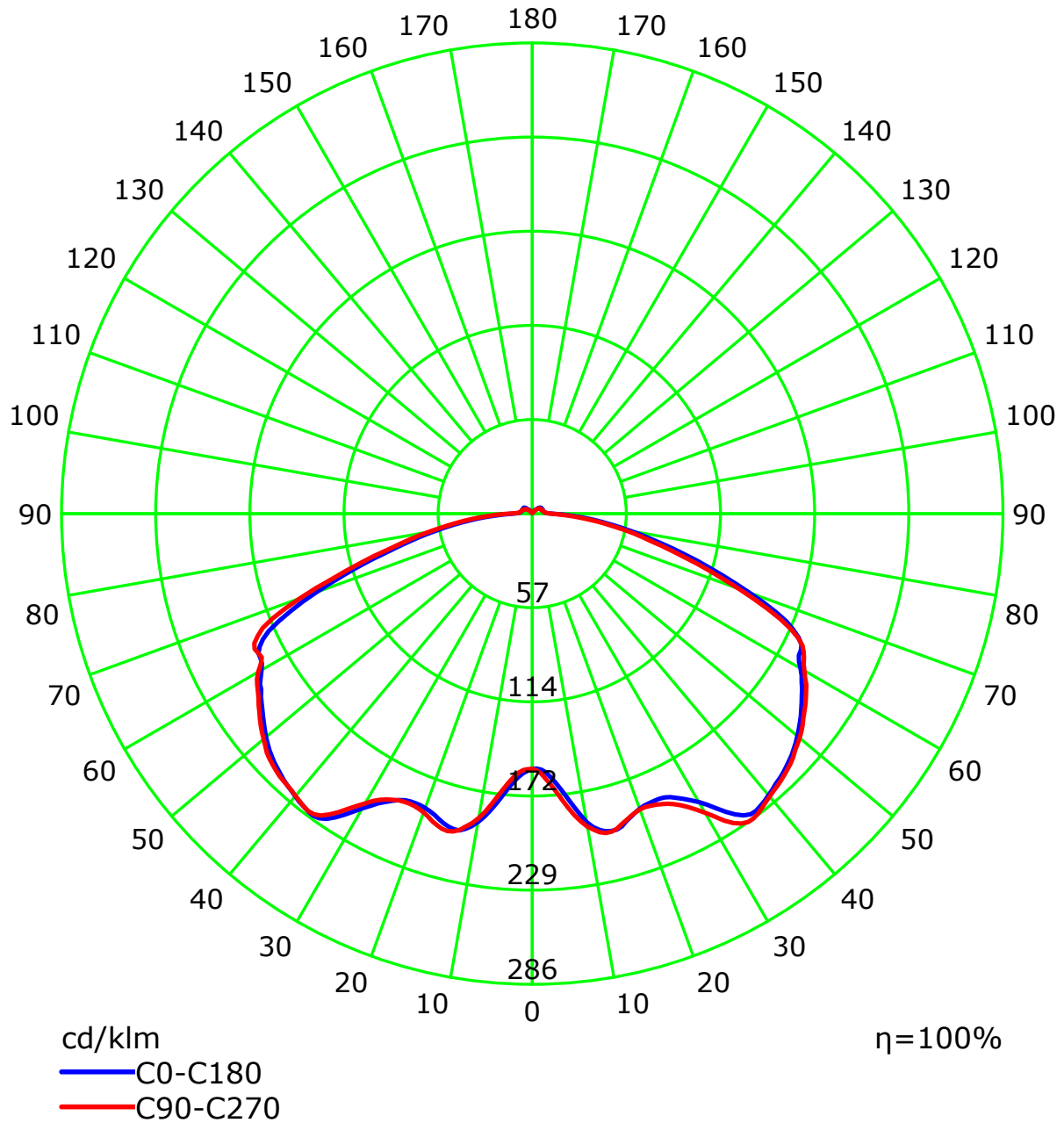
Humidity:

Operator:

Inspector:



## Luminous Intensity Distribution Curve(cd/klm)

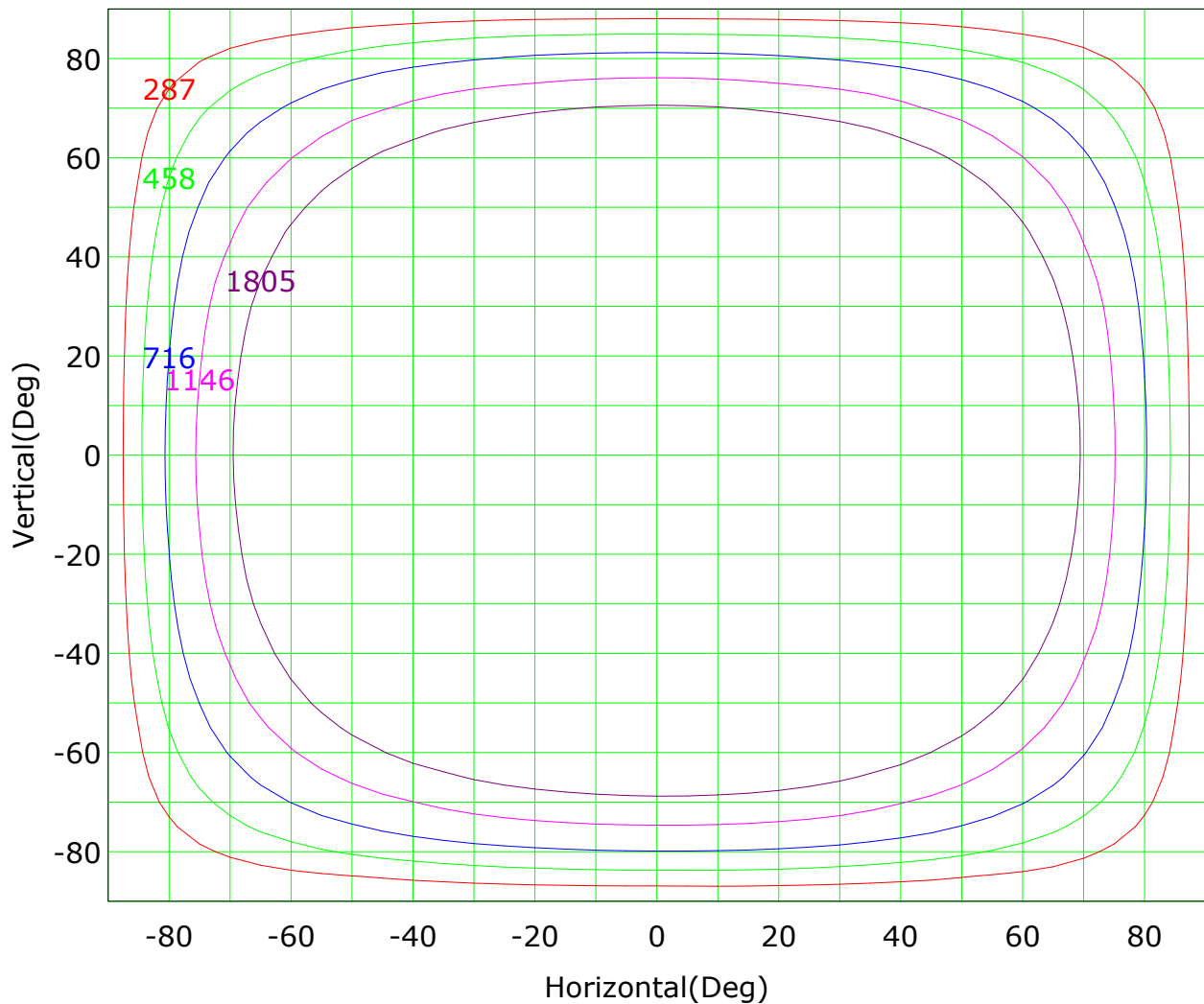


C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 28.4 °C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.040 m [K=1.0000]  
Humidity:  
Inspector:



## Isocandela (rectangle)



Imax (100%): 2865 cd

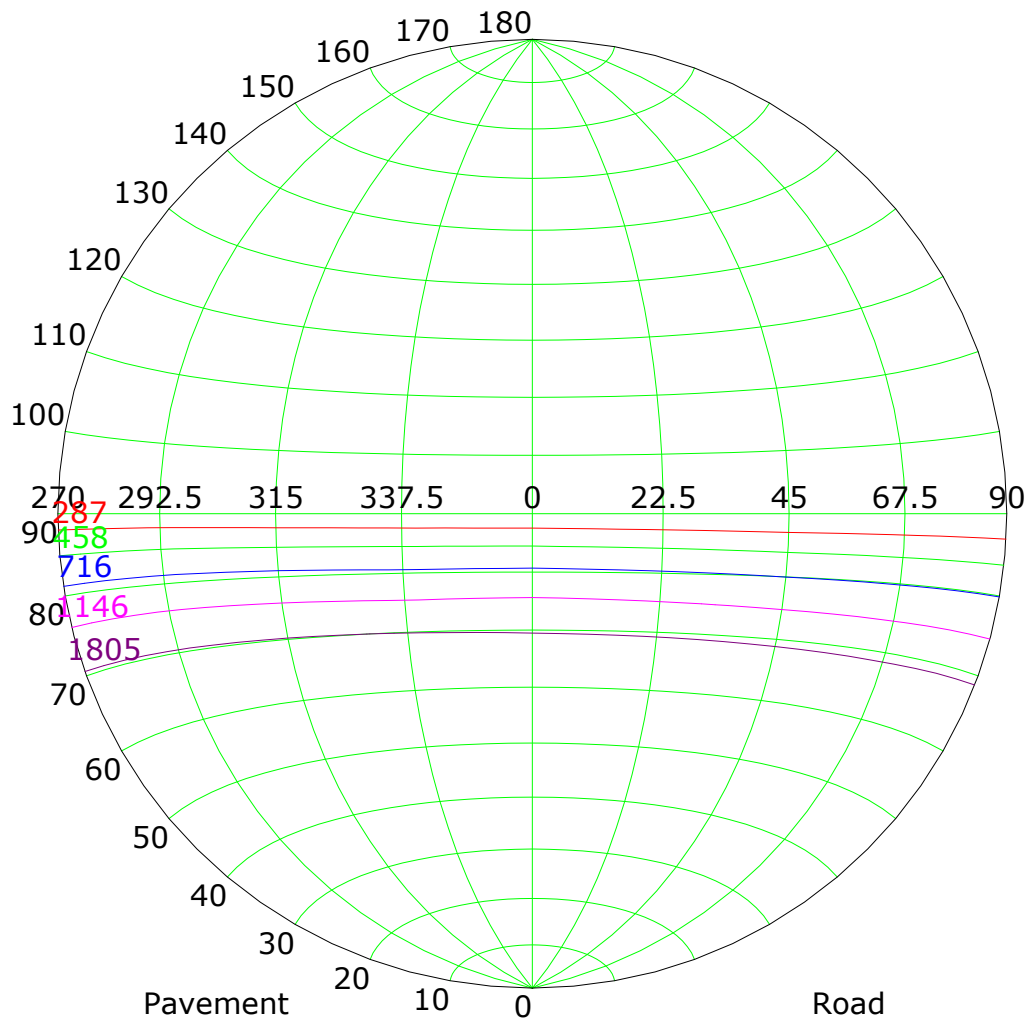
- |                 |                 |
|-----------------|-----------------|
| ( 10%): 287 cd  | ( 16%): 458 cd  |
| ( 25%): 716 cd  | ( 40%): 1146 cd |
| ( 63%): 1805 cd | (100%): 2865 cd |

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 28.4 °C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.040 m [K=1.0000]  
Humidity:  
Inspector:



## Isocandela (sphere)



Imax (100%): 2865 cd

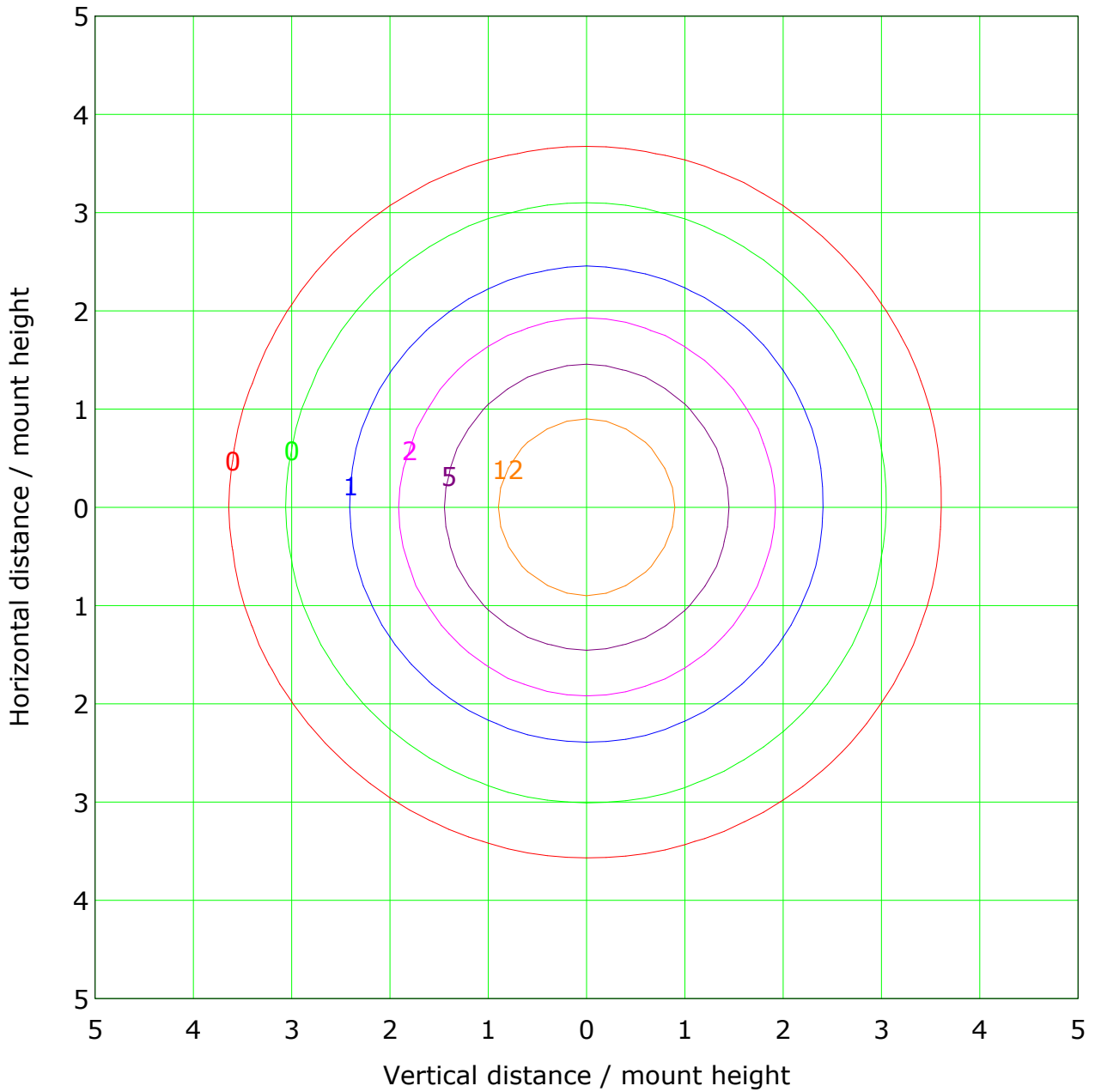
— ( 10%): 287 cd	— ( 16%): 458 cd
— ( 25%): 716 cd	— ( 40%): 1146 cd
— ( 63%): 1805 cd	— (100%): 2865 cd

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 28.4 °C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.040 m [K=1.0000]  
Humidity:  
Inspector:



## IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 23.2 lx	
— ( 1%):	0.2 lx	— ( 2%):	0.5 lx
— ( 5%):	1.2 lx	— ( 10%):	2.3 lx
— ( 20%):	4.6 lx	— ( 50%):	11.6 lx
— (100%):	23.2 lx		

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 28.4 °C  
 Operator:

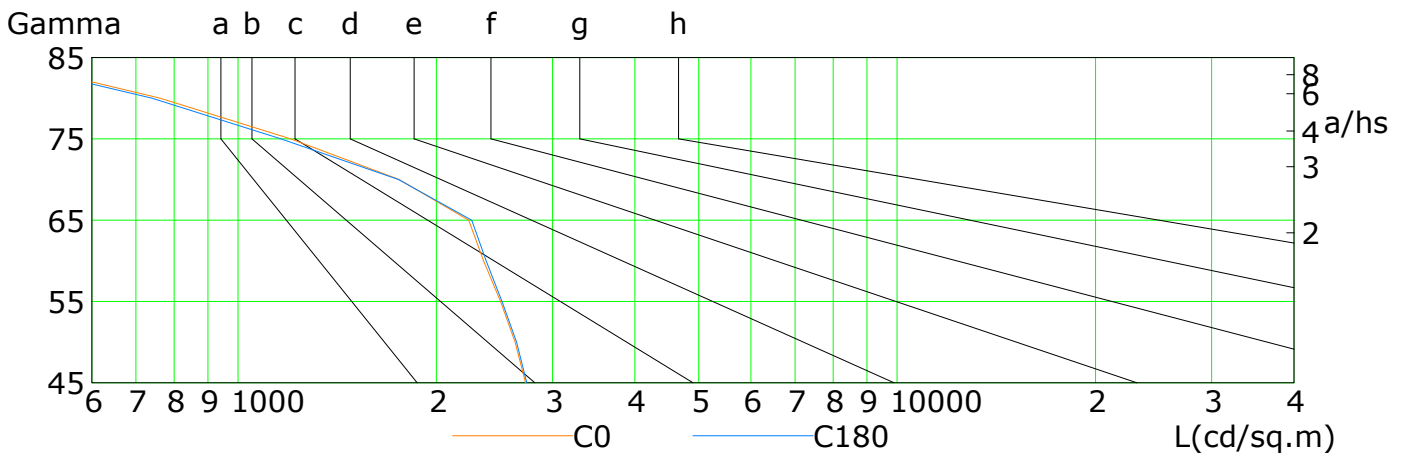
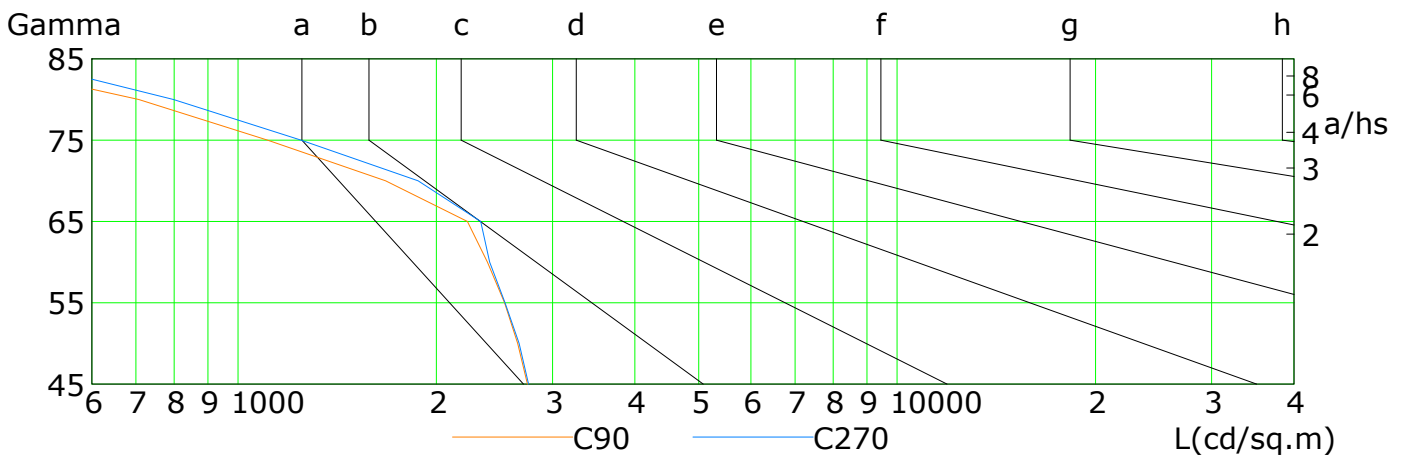
Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:



## Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
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

a b c d e f g h



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2730	2633	2503	2358	2238	1756	1202	762	421
C90	2749	2656	2537	2390	2229	1675	1109	707	375
C180	2743	2646	2515	2379	2263	1751	1162	741	408
C270	2760	2669	2541	2408	2335	1875	1246	798	452

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 28.4 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

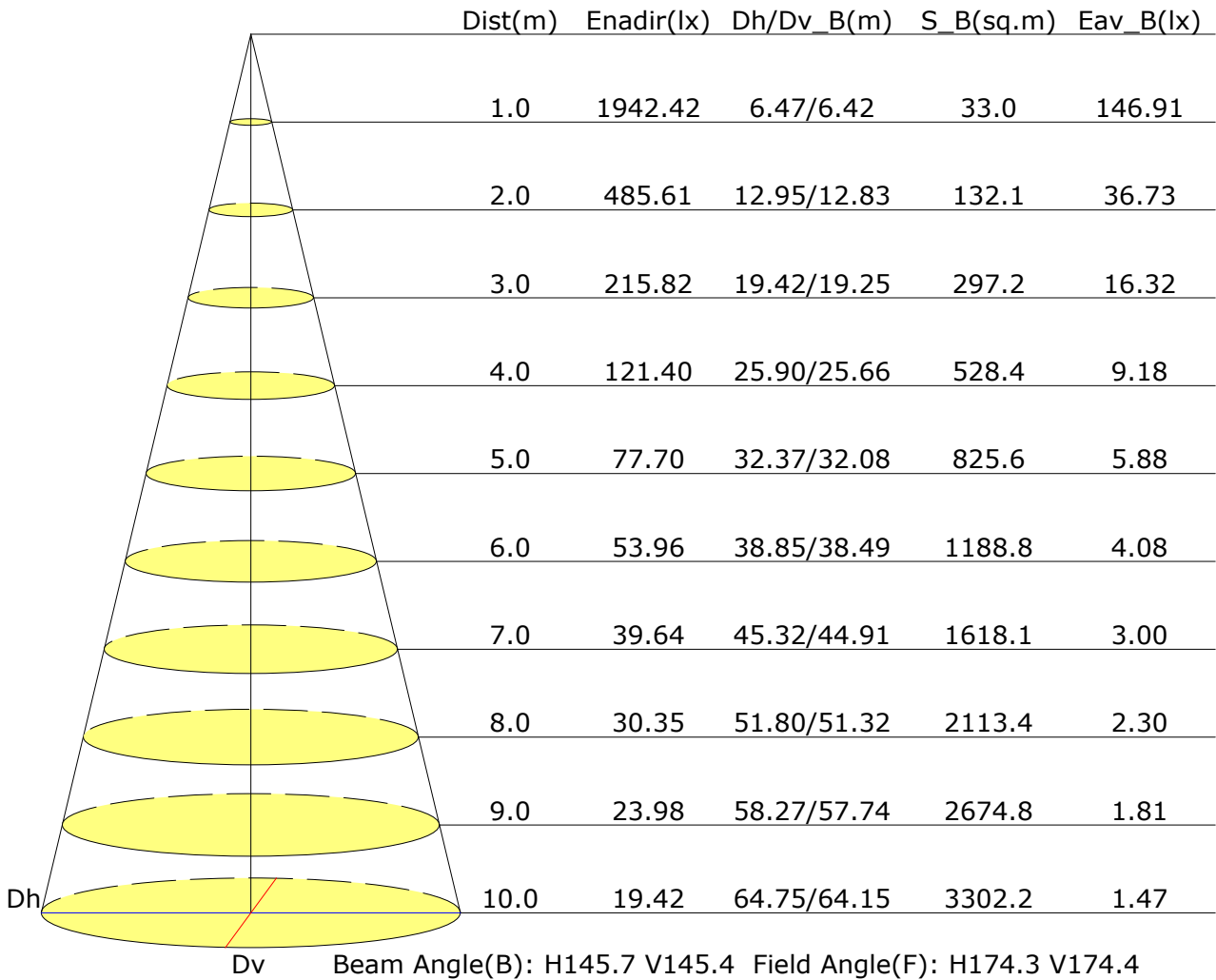
Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:



## Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 28.4 °C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

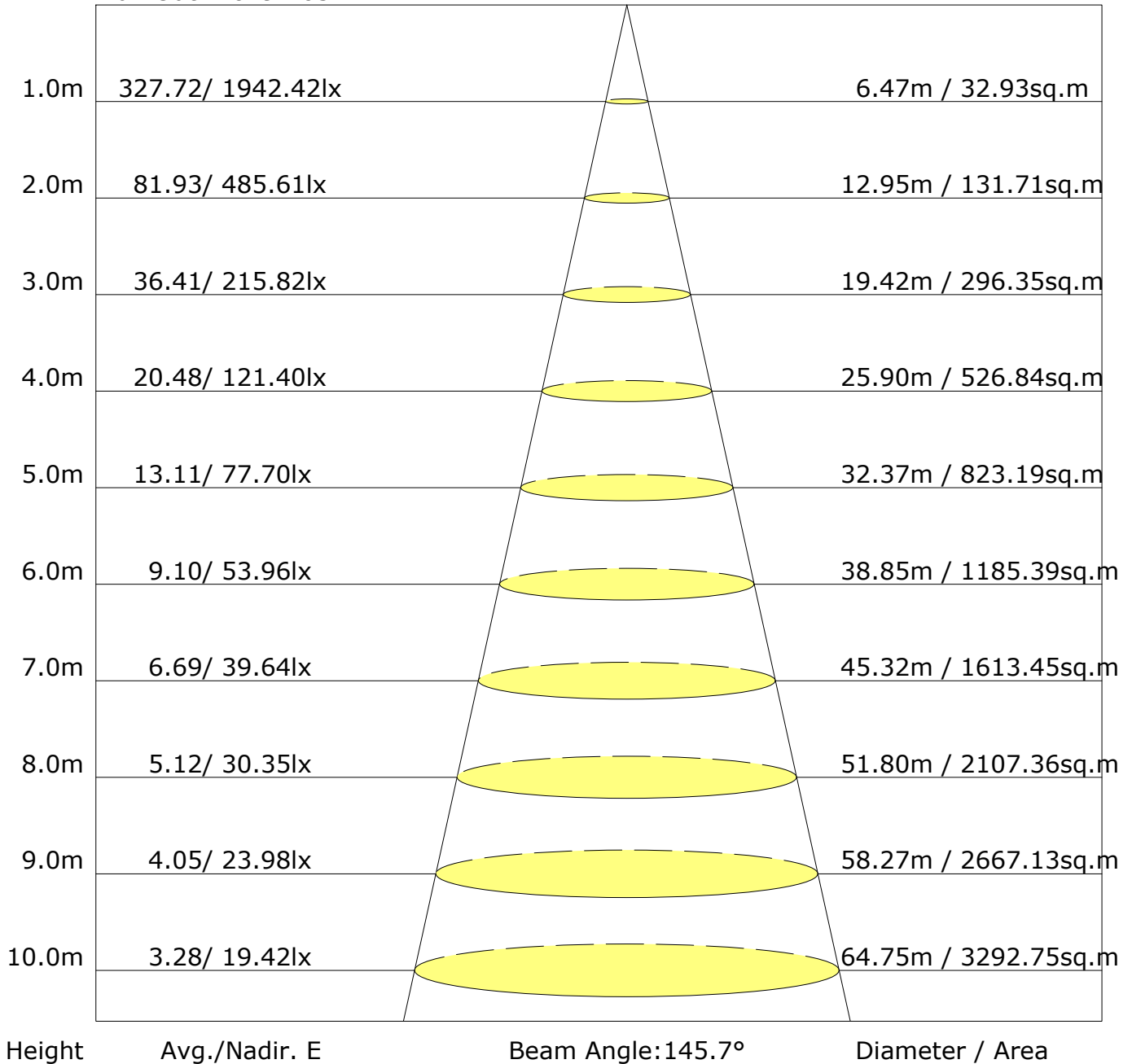






## The Average Illuminance Effective Figure

Flux Out: 10791.05lm



C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 28.4 °C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:



## UGR Table

Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
Variations with the observer position at spacings:										
S=1.0H										
S=1.5H										
S=2.0H										

Calculate in accordance with CIE Pub.117. The table is revised with 12487lm ( $8\log(F/F_0) = 8.8$ ).

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 28.4 °C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:



**FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM**

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	5984	47.9
	FL ( 0°-30°)	1018	8.2
	FM (30°-60°)	3062	24.5
	FH (60°-80°)	1683	13.5
	FVH (80°-90°)	221	1.8
	BACK LIGHT	6079	48.7
	BL ( 0°-30°)	1013	8.1
	BM (30°-60°)	3062	24.5
	BH (60°-80°)	1760	14.1
	BVH (80°-90°)	244	2.0
	UP LIGHT	423	3.4
	UL (90°-100°)	117	0.9
	UH (100°-180°)	306	2.5
	TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-11	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U3 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U3 G3

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 28.4 °C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 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	1942.4	1942.4	1942.4	1942.4	1942.4	1942.4	1942.4	1942.4	1942.4	1942.4
G1.0	1940.6	1944.7	1947.1	1952.0	1954.4	1958.4	1955.3	1952.4	1954.8	1949.0
G2.0	1948.3	1960.1	1967.3	1976.3	1980.1	1985.1	1979.9	1974.4	1975.0	1964.4
G3.0	1970.8	1989.1	2000.2	2013.5	2024.8	2024.2	2015.6	2006.2	2006.3	1992.1
G4.0	2009.9	2030.2	2042.7	2058.9	2071.7	2070.5	2061.1	2047.9	2046.0	2029.6
G5.0	2056.5	2081.6	2097.9	2118.3	2128.6	2126.9	2122.5	2098.7	2096.8	2076.3
G6.0	2113.2	2142.0	2159.6	2180.5	2192.8	2191.8	2182.6	2159.1	2155.1	2131.9
G7.0	2177.9	2210.6	2223.1	2245.4	2256.8	2254.5	2244.3	2221.5	2217.7	2190.9
G8.0	2246.7	2276.2	2285.8	2309.5	2318.9	2315.0	2305.3	2283.1	2278.0	2261.3
G9.0	2314.6	2338.5	2343.9	2365.8	2372.5	2365.2	2356.8	2338.3	2334.0	2319.5
G10.0	2383.4	2388.8	2389.8	2410.5	2418.0	2405.8	2400.5	2383.2	2382.3	2371.7
G11.0	2429.8	2428.4	2426.9	2448.0	2450.6	2438.1	2432.1	2418.0	2423.0	2415.2
G12.0	2460.0	2454.6	2459.3	2473.1	2478.0	2473.7	2459.1	2452.8	2452.6	2448.7
G13.0	2480.2	2479.6	2475.1	2486.7	2494.1	2492.4	2478.3	2470.5	2473.4	2470.8
G14.0	2488.7	2485.4	2476.5	2484.5	2493.8	2494.2	2482.6	2474.6	2474.1	2471.6
G15.0	2489.0	2478.7	2468.0	2470.3	2483.3	2485.8	2475.8	2467.4	2465.6	2472.4
G16.0	2475.7	2464.9	2453.6	2452.7	2460.3	2470.5	2463.1	2454.3	2450.5	2456.2
G17.0	2447.4	2444.8	2436.9	2431.7	2441.0	2449.5	2443.3	2436.9	2431.7	2439.3
G18.0	2426.5	2426.2	2418.2	2412.7	2421.7	2430.0	2423.4	2414.8	2409.4	2423.2
G19.0	2407.0	2407.6	2403.6	2397.9	2405.6	2407.8	2405.5	2399.8	2394.1	2409.3
G20.0	2389.9	2386.3	2391.6	2387.1	2396.0	2396.3	2392.1	2387.5	2383.7	2396.9
G21.0	2379.5	2375.9	2383.7	2382.6	2391.6	2390.4	2385.1	2382.4	2377.1	2387.8
G22.0	2375.6	2370.8	2381.1	2377.8	2398.3	2392.9	2383.8	2380.0	2376.4	2383.6
G23.0	2374.3	2369.8	2380.0	2384.2	2406.4	2399.4	2390.7	2385.7	2378.2	2384.3
G24.0	2375.6	2374.6	2387.8	2394.6	2419.7	2414.6	2404.1	2395.2	2386.8	2388.1
G25.0	2382.3	2387.3	2401.9	2411.8	2435.9	2435.2	2423.1	2412.0	2404.8	2401.1
G26.0	2399.9	2412.9	2423.7	2437.5	2459.8	2459.2	2448.5	2436.0	2430.4	2425.9
G27.0	2427.9	2443.5	2453.7	2470.1	2490.4	2491.2	2481.2	2467.8	2462.2	2455.5
G28.0	2459.3	2476.9	2496.0	2514.4	2529.1	2527.0	2519.2	2508.8	2496.4	2487.9
G29.0	2493.9	2512.9	2535.2	2557.9	2574.7	2577.2	2563.6	2546.4	2541.8	2523.8
G30.0	2534.2	2557.1	2586.5	2610.7	2628.2	2632.6	2616.7	2595.0	2589.5	2566.6
G31.0	2583.3	2618.2	2643.1	2667.6	2686.2	2691.7	2675.6	2652.8	2645.5	2621.3
G32.0	2644.6	2681.9	2705.0	2728.5	2754.4	2753.0	2736.3	2716.3	2701.9	2681.6
G33.0	2706.2	2744.2	2762.7	2784.6	2806.6	2805.6	2789.5	2771.4	2755.5	2740.4
G34.0	2761.2	2793.5	2805.2	2822.0	2844.6	2842.3	2836.7	2812.2	2802.4	2787.6
G35.0	2803.4	2828.1	2830.5	2841.8	2864.0	2856.7	2856.3	2837.6	2829.6	2819.2
G36.0	2827.7	2840.5	2838.9	2844.7	2865.4	2858.3	2859.1	2844.1	2839.8	2842.3

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 28.4 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 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	2830.6	2838.8	2832.0	2835.5	2855.7	2850.6	2852.7	2837.6	2835.8	2842.4
G38.0	2821.7	2825.2	2817.0	2817.8	2840.2	2837.1	2842.2	2823.5	2826.3	2832.3
G39.0	2810.8	2807.5	2800.8	2802.9	2823.2	2820.9	2821.4	2812.2	2819.3	2817.4
G40.0	2796.9	2792.7	2786.2	2791.8	2809.8	2806.0	2805.5	2798.0	2806.6	2804.1
G41.0	2784.5	2780.7	2775.1	2781.7	2797.9	2797.2	2789.6	2785.0	2794.6	2792.4
G42.0	2767.7	2771.4	2764.4	2775.9	2787.2	2784.9	2775.4	2772.1	2785.1	2777.1
G43.0	2757.8	2760.3	2752.9	2766.2	2775.7	2771.7	2760.8	2761.5	2772.9	2769.4
G44.0	2745.5	2745.6	2738.6	2754.3	2762.3	2754.7	2746.8	2748.8	2756.7	2760.1
G45.0	2729.8	2729.5	2725.2	2742.1	2748.6	2739.3	2730.7	2733.6	2742.6	2749.6
G46.0	2714.0	2705.2	2709.8	2725.3	2734.2	2731.0	2713.7	2716.2	2728.2	2735.6
G47.0	2697.5	2686.8	2688.5	2699.9	2715.9	2711.1	2695.7	2695.1	2710.3	2718.1
G48.0	2676.4	2665.8	2676.4	2680.4	2691.7	2692.9	2677.8	2673.8	2691.2	2701.4
G49.0	2656.7	2643.8	2656.0	2660.0	2674.0	2672.1	2659.3	2653.5	2668.3	2680.5
G50.0	2633.4	2620.2	2638.0	2637.6	2655.9	2655.7	2642.6	2635.8	2645.7	2658.2
G51.0	2609.7	2598.4	2614.5	2622.2	2635.0	2630.6	2622.5	2613.8	2618.8	2634.0
G52.0	2584.3	2575.3	2587.2	2589.7	2611.7	2606.6	2600.8	2594.0	2591.9	2606.9
G53.0	2558.9	2551.5	2568.9	2568.3	2582.5	2586.6	2579.6	2568.2	2566.2	2579.8
G54.0	2530.3	2525.5	2541.0	2547.5	2559.5	2562.2	2557.9	2550.3	2539.5	2553.1
G55.0	2502.5	2502.1	2518.6	2526.9	2537.1	2541.8	2534.0	2531.0	2514.7	2520.6
G56.0	2474.6	2479.3	2498.1	2505.6	2511.5	2519.4	2514.5	2507.7	2490.9	2497.2
G57.0	2448.8	2459.0	2482.4	2485.5	2484.2	2493.0	2491.4	2484.5	2459.5	2477.9
G58.0	2418.0	2435.7	2451.2	2459.2	2459.7	2459.8	2464.5	2461.0	2444.1	2455.6
G59.0	2391.7	2408.2	2414.5	2420.6	2421.8	2428.3	2434.9	2436.2	2410.8	2429.4
G60.0	2357.5	2366.0	2353.3	2379.2	2390.2	2402.7	2400.7	2392.5	2379.3	2394.1
G61.0	2320.3	2324.9	2306.4	2343.1	2360.6	2370.3	2369.4	2346.6	2352.4	2358.0
G62.0	2297.6	2302.8	2286.9	2321.3	2340.8	2347.2	2345.7	2318.6	2341.9	2332.4
G63.0	2293.5	2300.0	2290.7	2324.0	2317.2	2329.1	2315.0	2299.5	2339.5	2339.9
G64.0	2280.2	2267.7	2260.3	2287.3	2287.0	2291.2	2276.9	2281.7	2308.5	2332.0
G65.0	2238.3	2219.5	2203.0	2219.3	2228.7	2238.6	2218.3	2230.6	2262.6	2288.9
G66.0	2174.6	2163.7	2138.9	2142.3	2150.6	2163.1	2152.5	2162.7	2194.6	2237.6
G67.0	2103.3	2083.3	2058.4	2035.5	2048.1	2062.0	2062.5	2073.5	2095.4	2163.5
G68.0	1997.7	1971.2	1939.3	1902.7	1929.9	1944.1	1958.4	1969.1	1987.3	2055.1
G69.0	1883.8	1853.0	1813.7	1775.9	1800.4	1821.2	1833.2	1852.5	1873.4	1940.3
G70.0	1756.3	1728.5	1684.4	1644.9	1674.6	1697.8	1713.6	1731.8	1751.0	1812.2
G71.0	1635.4	1616.0	1573.9	1532.8	1545.4	1577.8	1606.5	1620.9	1622.2	1687.3
G72.0	1526.2	1503.9	1446.6	1417.6	1431.5	1452.3	1480.6	1496.0	1501.4	1561.5
G73.0	1412.7	1383.9	1325.7	1307.0	1322.3	1344.6	1370.0	1375.3	1390.3	1434.6

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 28.4 °C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 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	1309.7	1272.3	1223.2	1203.1	1207.2	1228.3	1255.1	1263.4	1275.3	1314.2
G75.0	1201.8	1164.9	1122.9	1103.8	1108.9	1125.2	1149.8	1158.2	1161.6	1205.7
G76.0	1106.7	1067.7	1033.2	1016.8	1015.8	1035.3	1054.3	1066.3	1066.7	1105.2
G77.0	1012.6	983.4	946.5	935.1	927.2	954.4	965.1	980.2	980.6	1017.7
G78.0	921.3	897.4	864.4	850.8	856.5	870.9	883.0	901.0	901.2	925.6
G79.0	847.1	816.2	791.5	777.6	783.2	793.2	813.1	820.0	824.0	846.1
G80.0	762.1	739.9	714.0	701.6	707.1	719.8	736.3	741.8	740.6	772.5
G81.0	686.5	665.1	640.6	630.2	632.0	647.5	660.7	666.7	669.0	694.1
G82.0	616.5	594.2	572.7	562.8	565.8	579.4	585.5	597.4	599.0	623.0
G83.0	546.6	528.0	513.7	499.5	505.1	515.0	526.9	535.7	533.0	554.0
G84.0	485.3	471.4	451.3	443.2	440.3	450.4	462.6	471.6	466.2	491.4
G85.0	421.2	404.4	384.5	377.7	375.1	390.2	397.2	409.2	408.0	431.9
G86.0	358.5	341.6	323.0	317.2	319.2	322.5	337.2	345.6	347.2	366.0
G87.0	297.4	281.2	267.0	261.0	262.0	267.5	278.2	286.2	288.6	305.9
G88.0	242.7	226.7	218.0	212.2	210.2	218.2	227.9	235.6	230.9	251.6
G89.0	192.4	180.8	175.9	169.2	170.4	176.6	184.1	191.0	181.7	201.8
G90.0	153.5	147.6	143.2	144.5	145.0	149.8	151.7	152.0	147.9	157.7
G91.0	132.9	130.3	128.2	128.9	129.1	131.4	134.8	134.5	130.6	136.4
G92.0	118.9	117.4	116.6	117.4	117.0	118.1	120.8	119.8	116.3	122.0
G93.0	109.9	109.6	109.4	109.6	108.8	108.4	110.0	109.8	108.4	112.0
G94.0	104.6	104.7	104.5	104.4	103.6	103.5	103.8	104.0	101.7	104.4
G95.0	100.8	100.1	100.0	100.0	98.2	97.8	100.0	99.3	97.6	99.7
G96.0	98.0	96.7	96.7	97.2	94.4	94.3	96.7	96.3	94.0	96.3
G97.0	94.8	94.6	94.6	94.6	92.2	91.2	93.6	93.4	92.1	93.9
G98.0	93.6	93.4	93.6	93.2	90.8	89.5	91.4	91.9	90.5	91.7
G99.0	92.5	92.0	92.8	92.2	89.3	88.8	90.4	90.7	89.0	90.3
G100.0	91.2	90.9	91.6	91.3	87.9	87.5	89.4	90.0	87.7	89.5
G101.0	90.4	90.1	90.3	89.7	86.8	86.6	88.4	88.8	87.1	87.9
G102.0	89.2	89.7	90.0	89.2	86.1	85.6	87.6	88.0	86.5	87.7
G103.0	88.5	89.1	89.1	87.3	85.5	85.2	86.9	87.5	85.2	87.1
G104.0	87.8	87.8	88.3	86.1	85.0	84.4	86.5	86.7	85.0	86.5
G105.0	87.3	88.0	87.3	84.6	84.2	83.1	85.6	86.2	84.0	85.7
G106.0	85.6	86.3	86.0	82.8	82.8	81.1	84.1	84.5	82.7	84.4
G107.0	85.0	85.5	85.2	81.9	81.4	79.5	83.4	83.8	82.1	83.4
G108.0	84.6	85.5	85.2	81.0	81.0	78.3	82.9	83.5	82.0	82.9
G109.0	84.2	85.3	85.2	81.2	80.1	78.3	82.6	83.1	81.7	82.6
G110.0	83.9	85.9	85.4	80.5	80.4	78.1	82.8	83.2	81.7	82.7

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 28.4 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 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	84.3	85.7	85.8	80.8	80.1	78.1	82.9	83.0	81.4	82.6
G112.0	84.4	85.3	85.6	79.9	79.7	77.2	82.3	83.0	80.6	81.9
G113.0	84.1	85.6	85.3	79.6	79.5	77.2	82.0	82.7	80.5	81.5
G114.0	84.0	85.8	85.2	79.7	79.7	76.6	82.4	82.5	79.8	81.2
G115.0	83.8	85.5	85.1	79.1	77.4	76.6	82.2	82.5	79.9	81.1
G116.0	83.8	85.5	84.7	78.8	73.2	76.5	82.2	82.5	80.0	80.9
G117.0	83.5	84.6	84.8	78.0	71.6	76.0	82.0	82.5	80.2	80.5
G118.0	83.0	84.6	84.4	78.1	71.2	75.7	81.9	83.0	80.2	79.7
G119.0	82.6	83.8	83.9	77.8	70.5	75.2	82.2	82.7	80.6	78.7
G120.0	81.9	83.3	83.5	77.5	70.4	75.1	81.8	82.1	80.2	78.1
G121.0	81.3	83.0	83.3	77.2	70.2	74.8	81.3	82.1	80.2	76.8
G122.0	81.1	83.2	83.0	77.6	69.8	75.0	81.3	82.7	80.6	75.5
G123.0	80.5	82.7	82.9	76.7	69.7	74.3	81.5	82.7	80.2	73.8
G124.0	80.2	82.1	82.1	75.8	69.2	73.8	81.1	82.6	80.2	72.1
G125.0	80.0	81.7	81.5	75.0	69.2	73.2	81.2	82.3	79.3	70.5
G126.0	78.8	80.8	80.2	73.4	68.1	72.9	80.4	81.4	78.5	68.1
G127.0	77.3	79.7	78.7	71.2	67.2	71.7	79.1	79.6	76.6	66.0
G128.0	74.7	77.2	76.7	69.3	65.6	70.4	77.1	77.0	74.3	63.9
G129.0	72.5	73.9	74.2	67.3	63.2	68.2	74.8	74.6	72.5	61.2
G130.0	70.8	71.7	72.3	65.4	60.8	66.7	73.2	71.7	70.0	58.8
G131.0	68.6	69.0	69.9	63.1	59.2	64.6	70.4	68.9	68.0	56.7
G132.0	66.0	65.9	67.5	60.8	56.6	62.2	68.6	65.2	65.5	54.2
G133.0	63.6	61.8	64.6	58.1	53.9	59.8	65.8	61.4	58.9	51.5
G134.0	57.5	58.3	61.9	55.6	50.3	57.5	62.6	57.2	53.4	48.8
G135.0	51.7	54.4	58.8	52.8	47.6	54.4	59.1	54.0	49.3	46.5
G136.0	47.7	51.0	56.2	50.1	44.9	52.1	56.3	50.1	46.7	44.4
G137.0	45.0	47.9	53.4	46.9	41.8	49.1	53.5	47.1	43.9	42.5
G138.0	43.4	45.3	50.9	45.5	39.5	46.8	50.5	44.7	41.7	40.3
G139.0	40.9	42.9	48.1	42.9	36.9	44.3	47.5	42.4	39.4	38.6
G140.0	39.0	40.5	45.4	41.4	35.1	41.7	44.8	40.0	37.6	36.5
G141.0	37.0	38.4	42.4	39.4	32.6	39.6	42.4	38.1	36.0	35.0
G142.0	35.0	36.6	40.1	37.5	30.7	37.4	39.4	35.8	34.1	33.3
G143.0	33.8	34.8	37.8	35.8	29.0	35.5	37.2	34.0	32.8	31.8
G144.0	31.7	32.8	35.9	33.6	27.5	33.4	35.3	32.5	31.0	30.7
G145.0	30.5	31.7	33.8	31.5	26.3	31.6	33.2	30.7	29.6	29.5
G146.0	28.7	30.1	31.6	29.2	24.3	29.5	31.1	29.0	28.3	27.9
G147.0	27.5	28.5	29.3	26.7	23.1	27.9	28.7	28.0	27.2	26.4

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 28.4 °C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 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	26.4	27.2	27.3	25.0	21.6	25.9	26.9	26.5	25.7	25.5
G149.0	24.9	25.7	25.4	22.6	20.0	24.5	24.9	25.6	24.6	24.4
G150.0	23.6	24.7	23.4	20.4	17.9	22.9	22.8	24.5	23.2	23.3
G151.0	22.2	23.5	21.8	19.1	16.7	21.2	20.9	22.9	22.0	22.0
G152.0	21.3	21.8	19.9	17.1	15.6	19.6	19.7	22.8	21.2	21.1
G153.0	20.0	20.4	18.5	15.5	14.0	17.7	17.8	20.6	20.0	19.7
G154.0	18.7	19.5	17.0	14.1	12.0	16.2	17.2	20.0	19.0	18.9
G155.0	17.4	18.5	15.5	12.8	11.2	14.8	15.8	18.9	17.6	18.0
G156.0	16.8	17.3	15.0	11.7	10.7	13.4	14.7	17.4	15.3	16.4
G157.0	15.2	16.2	14.2	10.6	10.0	12.2	14.1	16.0	14.7	15.3
G158.0	14.1	15.1	13.6	9.7	9.4	11.1	13.5	15.3	13.7	14.0
G159.0	13.5	14.3	12.7	9.5	8.7	9.8	13.1	14.1	12.7	13.2
G160.0	12.5	13.7	11.6	9.0	8.8	10.2	11.9	13.6	12.3	12.8
G161.0	11.7	13.1	11.8	9.5	8.1	10.4	11.7	12.9	11.7	12.3
G162.0	10.9	12.4	10.9	9.4	8.5	9.7	11.0	12.0	10.2	11.5
G163.0	10.6	11.4	10.9	9.4	8.3	9.9	10.8	11.3	10.2	11.1
G164.0	10.0	11.2	10.4	8.8	8.2	10.0	10.3	11.1	9.4	10.9
G165.0	9.6	10.7	10.1	9.1	8.1	9.5	9.7	10.9	9.0	10.4
G166.0	9.0	10.0	10.1	8.5	8.4	9.3	9.5	9.9	8.8	9.9
G167.0	9.2	9.9	9.9	8.6	8.0	8.8	9.7	10.0	8.4	9.7
G168.0	9.1	9.5	9.4	8.6	8.2	9.2	8.5	9.4	8.2	9.3
G169.0	8.8	9.8	9.1	8.3	8.6	9.2	9.0	9.4	8.2	9.1
G170.0	8.3	9.5	9.1	8.6	8.5	9.5	9.0	9.4	8.6	9.4
G171.0	8.9	9.8	8.8	8.4	8.4	9.2	9.2	9.6	8.4	9.0
G172.0	8.6	9.1	8.8	8.0	8.4	9.4	8.7	9.2	8.3	9.1
G173.0	8.6	8.9	8.8	7.5	7.9	9.0	9.1	9.4	8.0	9.0
G174.0	8.7	8.7	8.2	7.9	7.9	8.5	8.4	9.0	8.0	8.7
G175.0	7.9	8.2	7.5	7.7	7.7	8.6	8.3	8.7	7.7	8.8
G176.0	6.6	7.7	7.5	6.9	7.6	7.8	7.7	8.3	6.8	8.1
G177.0	6.6	7.4	7.1	7.2	6.5	7.6	7.1	7.6	6.3	8.0
G178.0	7.0	7.0	7.3	7.3	6.8	7.7	7.1	8.0	6.3	7.6
G179.0	7.4	7.1	6.9	7.1	7.8	7.9	7.0	7.9	6.8	7.2
G180.0	7.2	7.3	7.4	7.5	7.9	8.0	6.6	8.0	7.1	6.9

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 28.4 °C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 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	1942.4	1942.4	1942.4	1942.4	1942.4	1942.4	1942.4			
G1.0	1942.4	1939.9	1944.3	1939.1	1938.7	1937.9	1940.6			
G2.0	1954.9	1948.7	1951.9	1945.5	1946.5	1948.7	1948.3			
G3.0	1980.8	1972.1	1972.8	1967.1	1968.5	1973.9	1970.8			
G4.0	2016.5	2007.9	2008.2	2002.2	2006.2	2012.8	2009.9			
G5.0	2060.2	2050.8	2051.9	2048.7	2053.6	2061.9	2056.5			
G6.0	2113.7	2101.5	2105.4	2106.1	2109.4	2118.8	2113.2			
G7.0	2180.5	2172.8	2167.8	2166.5	2179.0	2189.3	2177.9			
G8.0	2242.2	2237.0	2232.5	2231.4	2245.1	2256.5	2246.7			
G9.0	2302.5	2302.0	2297.3	2295.2	2308.1	2322.5	2314.6			
G10.0	2357.4	2359.2	2352.1	2359.0	2363.8	2379.3	2383.4			
G11.0	2401.9	2405.7	2397.6	2401.7	2408.3	2425.3	2429.8			
G12.0	2439.0	2440.4	2433.5	2435.8	2440.2	2464.4	2460.0			
G13.0	2464.3	2467.2	2471.0	2462.7	2463.6	2483.6	2480.2			
G14.0	2479.0	2486.0	2492.5	2479.8	2476.9	2492.0	2488.7			
G15.0	2481.1	2490.0	2500.1	2485.3	2477.1	2487.9	2489.0			
G16.0	2472.7	2483.6	2494.8	2480.3	2467.3	2476.4	2475.7			
G17.0	2458.3	2467.8	2479.1	2460.7	2451.5	2458.2	2447.4			
G18.0	2434.4	2445.2	2461.2	2443.0	2436.7	2432.9	2426.5			
G19.0	2415.9	2424.5	2437.7	2423.8	2418.9	2414.4	2407.0			
G20.0	2400.2	2406.6	2419.5	2408.9	2403.0	2398.9	2389.9			
G21.0	2389.4	2393.5	2406.2	2396.7	2391.9	2387.0	2379.5			
G22.0	2383.5	2387.6	2398.7	2391.1	2386.4	2382.8	2375.6			
G23.0	2382.7	2386.9	2396.7	2393.1	2386.0	2382.0	2374.3			
G24.0	2393.9	2394.6	2399.8	2397.5	2386.1	2389.4	2375.6			
G25.0	2404.8	2403.3	2407.6	2406.2	2396.9	2399.0	2382.3			
G26.0	2420.5	2416.6	2423.1	2420.5	2414.9	2415.6	2399.9			
G27.0	2444.0	2436.5	2441.3	2441.6	2442.3	2439.1	2427.9			
G28.0	2475.2	2463.4	2466.6	2467.8	2469.7	2469.3	2459.3			
G29.0	2509.0	2493.9	2499.0	2497.8	2501.0	2503.4	2493.9			
G30.0	2548.3	2532.1	2546.6	2535.0	2539.4	2543.6	2534.2			
G31.0	2598.9	2579.3	2594.9	2581.1	2586.9	2594.0	2583.3			
G32.0	2656.8	2636.6	2650.0	2639.3	2642.1	2650.4	2644.6			
G33.0	2719.8	2697.3	2708.2	2697.2	2711.1	2714.4	2706.2			
G34.0	2782.5	2751.9	2760.6	2749.4	2767.6	2773.0	2761.2			
G35.0	2823.4	2807.3	2804.1	2795.5	2812.6	2813.2	2803.4			
G36.0	2843.2	2833.9	2828.0	2824.7	2837.0	2833.3	2827.7			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 28.4 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 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	2846.5	2840.9	2833.9	2841.2	2844.8	2837.4	2830.6			
G38.0	2839.2	2836.0	2827.0	2836.7	2832.9	2830.2	2821.7			
G39.0	2821.7	2821.2	2814.2	2825.7	2819.8	2811.8	2810.8			
G40.0	2804.6	2809.3	2804.3	2813.3	2805.7	2797.4	2796.9			
G41.0	2789.5	2798.5	2792.1	2801.7	2793.5	2785.2	2784.5			
G42.0	2779.3	2789.9	2784.1	2792.8	2785.5	2776.8	2767.7			
G43.0	2769.9	2781.8	2778.4	2778.2	2781.2	2769.0	2757.8			
G44.0	2752.5	2769.6	2772.0	2768.1	2768.8	2752.5	2745.5			
G45.0	2739.9	2759.8	2759.8	2756.5	2753.7	2740.5	2729.8			
G46.0	2727.7	2746.9	2747.9	2744.0	2738.9	2725.1	2714.0			
G47.0	2715.3	2732.3	2734.3	2727.1	2723.4	2706.7	2697.5			
G48.0	2699.4	2715.6	2718.3	2712.2	2703.9	2686.9	2676.4			
G49.0	2685.8	2698.7	2691.9	2692.2	2679.2	2669.4	2656.7			
G50.0	2666.5	2677.0	2669.1	2671.0	2657.0	2646.7	2633.4			
G51.0	2645.8	2654.6	2646.0	2649.1	2633.7	2621.6	2609.7			
G52.0	2622.6	2629.1	2622.3	2622.2	2608.4	2595.4	2584.3			
G53.0	2590.6	2592.7	2595.0	2594.5	2579.5	2563.7	2558.9			
G54.0	2563.2	2564.2	2566.9	2565.7	2553.6	2534.7	2530.3			
G55.0	2536.3	2536.4	2541.3	2538.7	2527.2	2503.8	2502.5			
G56.0	2510.6	2507.7	2513.1	2505.1	2502.6	2474.6	2474.6			
G57.0	2485.5	2484.6	2488.8	2481.9	2482.7	2444.6	2448.8			
G58.0	2465.8	2460.1	2467.6	2463.0	2463.8	2421.1	2418.0			
G59.0	2443.9	2436.9	2444.5	2441.3	2436.5	2397.9	2391.7			
G60.0	2410.1	2404.9	2408.4	2408.2	2397.6	2351.2	2357.5			
G61.0	2362.2	2370.0	2362.8	2378.3	2359.4	2296.5	2320.3			
G62.0	2319.4	2344.8	2331.3	2355.9	2336.8	2266.0	2297.6			
G63.0	2308.1	2342.3	2338.9	2342.5	2322.0	2277.0	2293.5			
G64.0	2319.5	2338.8	2350.8	2334.0	2308.6	2290.8	2280.2			
G65.0	2314.0	2333.7	2334.6	2296.4	2274.8	2254.1	2238.3			
G66.0	2273.9	2286.4	2285.8	2252.8	2221.2	2205.5	2174.6			
G67.0	2199.6	2206.5	2229.3	2181.9	2151.3	2131.2	2103.3			
G68.0	2115.9	2114.0	2134.1	2091.2	2055.2	2041.6	1997.7			
G69.0	2004.0	2001.6	2012.4	1978.5	1949.3	1923.2	1883.8			
G70.0	1872.2	1873.2	1875.5	1860.0	1830.4	1794.0	1756.3			
G71.0	1727.9	1737.3	1744.1	1740.9	1699.0	1658.8	1635.4			
G72.0	1588.8	1609.5	1595.6	1615.9	1578.2	1532.3	1526.2			
G73.0	1463.8	1492.4	1477.8	1497.1	1463.4	1419.0	1412.7			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 28.4 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 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	1338.4	1372.1	1359.1	1362.3	1344.9	1304.3	1309.7			
G75.0	1215.0	1244.4	1246.4	1248.2	1220.4	1182.2	1201.8			
G76.0	1112.1	1135.5	1133.7	1139.8	1117.8	1080.9	1106.7			
G77.0	1022.8	1043.0	1043.4	1049.0	1027.7	994.6	1012.6			
G78.0	941.4	957.3	960.8	953.6	944.4	913.4	921.3			
G79.0	865.2	876.6	881.9	875.3	864.8	835.7	847.1			
G80.0	783.4	796.1	798.3	801.6	784.2	753.9	762.1			
G81.0	710.6	724.3	725.3	729.4	710.1	683.0	686.5			
G82.0	639.2	652.5	653.5	651.6	638.1	615.0	616.5			
G83.0	570.5	583.4	583.5	582.3	568.8	550.0	546.6			
G84.0	500.6	511.3	518.5	515.3	496.6	483.9	485.3			
G85.0	442.4	451.8	451.9	453.9	436.1	424.0	421.2			
G86.0	384.3	394.5	392.4	392.8	374.8	362.1	358.5			
G87.0	324.6	335.0	332.0	324.6	315.0	302.2	297.4			
G88.0	264.3	272.0	275.4	268.9	254.8	244.3	242.7			
G89.0	213.4	219.2	224.3	217.3	205.8	198.0	192.4			
G90.0	170.7	177.5	178.4	175.8	166.8	158.0	153.5			
G91.0	144.2	149.4	148.4	144.5	141.5	136.8	132.9			
G92.0	127.7	131.0	131.2	128.1	124.0	120.8	118.9			
G93.0	115.8	117.7	115.9	115.4	112.9	111.1	109.9			
G94.0	108.1	108.8	106.8	106.2	104.8	104.6	104.6			
G95.0	102.9	103.0	100.9	100.3	100.0	100.2	100.8			
G96.0	98.9	99.0	97.5	96.8	96.6	97.0	98.0			
G97.0	95.8	95.4	94.4	93.2	94.0	94.8	94.8			
G98.0	93.8	93.7	92.8	91.6	92.5	93.5	93.6			
G99.0	92.5	92.3	92.0	91.1	91.0	92.5	92.5			
G100.0	91.0	91.1	90.6	89.6	90.2	91.0	91.2			
G101.0	89.7	90.0	89.4	88.5	88.7	90.0	90.4			
G102.0	88.4	88.8	88.1	87.7	87.7	88.9	89.2			
G103.0	87.4	87.8	87.3	87.2	87.3	88.1	88.5			
G104.0	86.4	86.8	86.1	86.3	86.2	87.2	87.8			
G105.0	85.8	85.7	85.5	85.7	85.6	86.5	87.3			
G106.0	84.6	84.4	85.1	84.8	84.7	85.8	85.6			
G107.0	83.4	83.2	83.7	83.6	83.7	84.8	85.0			
G108.0	82.2	82.0	83.1	83.1	82.9	83.9	84.6			
G109.0	82.5	81.2	82.8	82.9	83.2	83.7	84.2			
G110.0	82.5	81.5	82.3	82.9	83.4	83.3	83.9			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 28.4 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 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	82.2	81.3	82.5	81.9	82.9	83.2	84.3			
G112.0	82.1	81.3	82.2	81.5	82.2	82.9	84.4			
G113.0	81.4	80.4	79.2	80.8	81.8	82.5	84.1			
G114.0	81.2	79.9	74.3	80.3	81.4	81.8	84.0			
G115.0	80.7	79.3	72.2	79.8	82.1	81.3	83.8			
G116.0	80.8	78.0	71.4	79.2	81.6	81.6	83.8			
G117.0	80.4	76.9	70.4	78.6	81.8	81.2	83.5			
G118.0	80.6	76.0	69.2	78.8	82.2	81.2	83.0			
G119.0	80.7	75.0	68.9	78.3	81.9	81.0	82.6			
G120.0	80.7	74.7	67.3	78.6	82.7	80.9	81.9			
G121.0	81.0	75.0	65.7	78.3	82.7	80.5	81.3			
G122.0	80.9	74.3	64.7	78.1	82.9	78.8	81.1			
G123.0	80.4	73.2	62.9	77.1	82.2	77.4	80.5			
G124.0	79.5	71.9	61.1	75.9	81.4	75.4	80.2			
G125.0	78.3	69.2	59.5	74.1	79.7	73.9	80.0			
G126.0	76.9	67.1	58.8	72.7	78.8	71.8	78.8			
G127.0	74.5	64.5	57.1	71.1	76.7	68.9	77.3			
G128.0	71.9	62.1	55.7	69.0	73.3	66.0	74.7			
G129.0	68.3	60.2	53.2	66.3	70.2	63.6	72.5			
G130.0	64.5	58.4	50.8	62.7	66.4	60.7	70.8			
G131.0	61.2	56.2	48.3	59.9	62.4	58.3	68.6			
G132.0	57.7	53.8	46.1	56.9	59.3	55.9	66.0			
G133.0	53.9	51.8	43.9	53.3	55.6	53.4	63.6			
G134.0	49.6	48.4	41.1	50.1	51.9	50.7	57.5			
G135.0	46.0	45.0	38.6	47.0	48.7	48.3	51.7			
G136.0	42.8	42.0	34.9	44.0	45.4	46.1	47.7			
G137.0	39.4	38.3	32.6	40.9	42.1	43.6	45.0			
G138.0	35.8	34.7	30.2	38.5	39.0	41.7	43.4			
G139.0	33.8	32.0	28.0	35.5	36.3	39.8	40.9			
G140.0	31.8	28.9	25.6	32.7	33.8	38.1	39.0			
G141.0	30.2	25.9	22.5	30.0	31.6	36.3	37.0			
G142.0	28.8	24.1	20.6	27.8	30.5	34.6	35.0			
G143.0	28.0	21.8	18.2	25.4	29.2	33.7	33.8			
G144.0	26.7	19.9	17.2	22.7	27.7	32.0	31.7			
G145.0	25.8	18.3	15.5	20.6	26.8	30.8	30.5			
G146.0	24.5	17.8	15.0	19.2	25.8	29.5	28.7			
G147.0	24.0	17.7	14.2	18.4	25.1	27.8	27.5			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 28.4 °C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 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	22.1	16.9	14.4	17.6	23.6	26.7	26.4			
G149.0	21.5	16.5	13.9	17.5	22.3	25.3	24.9			
G150.0	20.5	16.0	13.8	16.8	21.5	24.9	23.6			
G151.0	19.7	15.4	13.1	16.2	20.3	23.3	22.2			
G152.0	18.4	15.0	13.3	15.7	19.3	22.3	21.3			
G153.0	17.6	14.0	12.7	14.9	18.3	21.1	20.0			
G154.0	17.2	14.0	12.4	14.6	17.4	20.0	18.7			
G155.0	16.1	13.4	12.3	13.7	16.4	18.7	17.4			
G156.0	15.3	12.8	12.0	13.1	15.7	17.6	16.8			
G157.0	14.4	13.0	11.1	12.9	14.7	16.3	15.2			
G158.0	14.1	12.7	11.3	12.9	14.6	15.2	14.1			
G159.0	13.6	12.4	10.6	12.2	13.1	14.7	13.5			
G160.0	12.6	11.9	10.6	11.8	12.9	13.9	12.5			
G161.0	12.8	11.6	10.6	12.3	12.8	12.9	11.7			
G162.0	12.0	11.4	10.0	11.8	11.9	12.3	10.9			
G163.0	11.4	11.0	10.1	11.2	11.3	12.3	10.6			
G164.0	11.1	11.1	9.7	10.8	11.0	11.7	10.0			
G165.0	10.5	10.4	9.6	10.8	10.9	10.9	9.6			
G166.0	10.5	10.6	9.5	10.7	10.5	11.1	9.0			
G167.0	10.0	10.3	9.4	10.4	10.2	10.2	9.2			
G168.0	9.7	10.2	9.1	10.4	10.1	10.3	9.1			
G169.0	9.3	9.7	9.6	10.0	10.1	10.4	8.8			
G170.0	9.5	9.7	9.3	10.4	9.6	10.1	8.3			
G171.0	9.3	9.8	9.3	10.0	9.8	10.0	8.9			
G172.0	9.2	9.1	9.9	9.9	9.8	9.9	8.6			
G173.0	9.0	9.4	9.6	9.3	9.2	10.4	8.6			
G174.0	8.7	9.4	9.4	9.1	9.2	10.0	8.7			
G175.0	8.6	9.5	8.9	8.9	8.9	9.6	7.9			
G176.0	8.4	8.8	8.8	8.6	8.7	8.7	6.6			
G177.0	8.1	8.6	9.0	8.4	7.9	7.6	6.6			
G178.0	7.5	8.3	8.1	7.9	8.1	7.6	7.0			
G179.0	6.8	7.4	7.5	7.6	7.7	7.9	7.4			
G180.0	7.0	7.8	7.7	8.0	7.5	7.9	7.2			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 28.4 °C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector: