

Item No.:HL-LHB-MW-MCCT-ML3-240W

Test Time: 2026/2/3 10:53

Luminaire Property

Luminaire Manufacturer:Havells Lighting LLC

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm): 510

Luminous Height (mm):

Current: 1.970 A

Power Factor: 0.999

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): 285

Voltage: 120.0 V

Power: 236.20 W

Photometric Results

CIE Class: Direct

Measurement Flux: 35135.1 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(10%,50%): H94.6,H41.6

Vertical Diffuse Angle(10%,50%): V127.3,V95.5

Luminaire Efficacy Rating (LER): 148.80

Max. Intensity: 27356.93 cd

S/MH(C0/C180): 0.67

Total Rated Lamp Lumens: 35135.1 lm

Efficiency: 100%

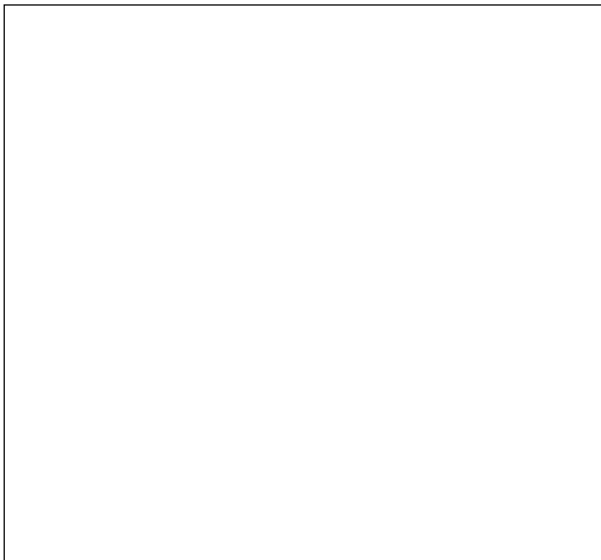
Upward Ratio: 0%

C0r0 Intensity: 27138.41 cd

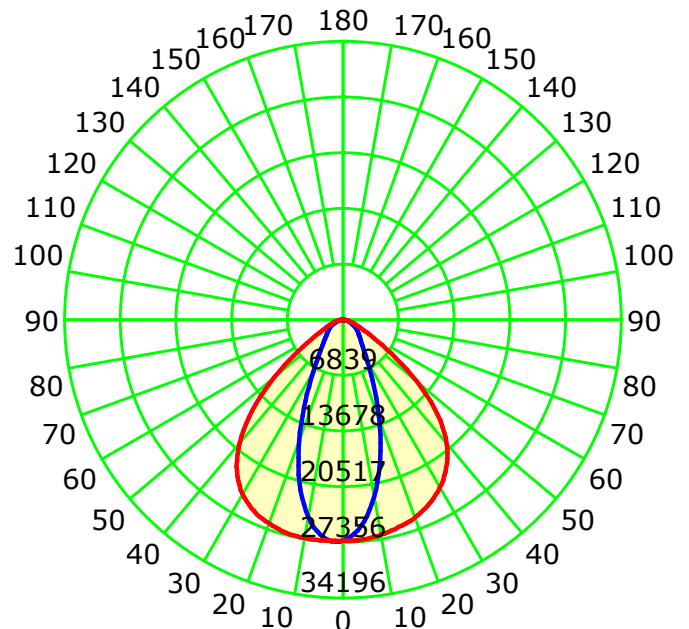
Pos of Max. Intensity: H157.5 V3

S/MH(C90/C270): 1.31

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 68.5°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.9 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

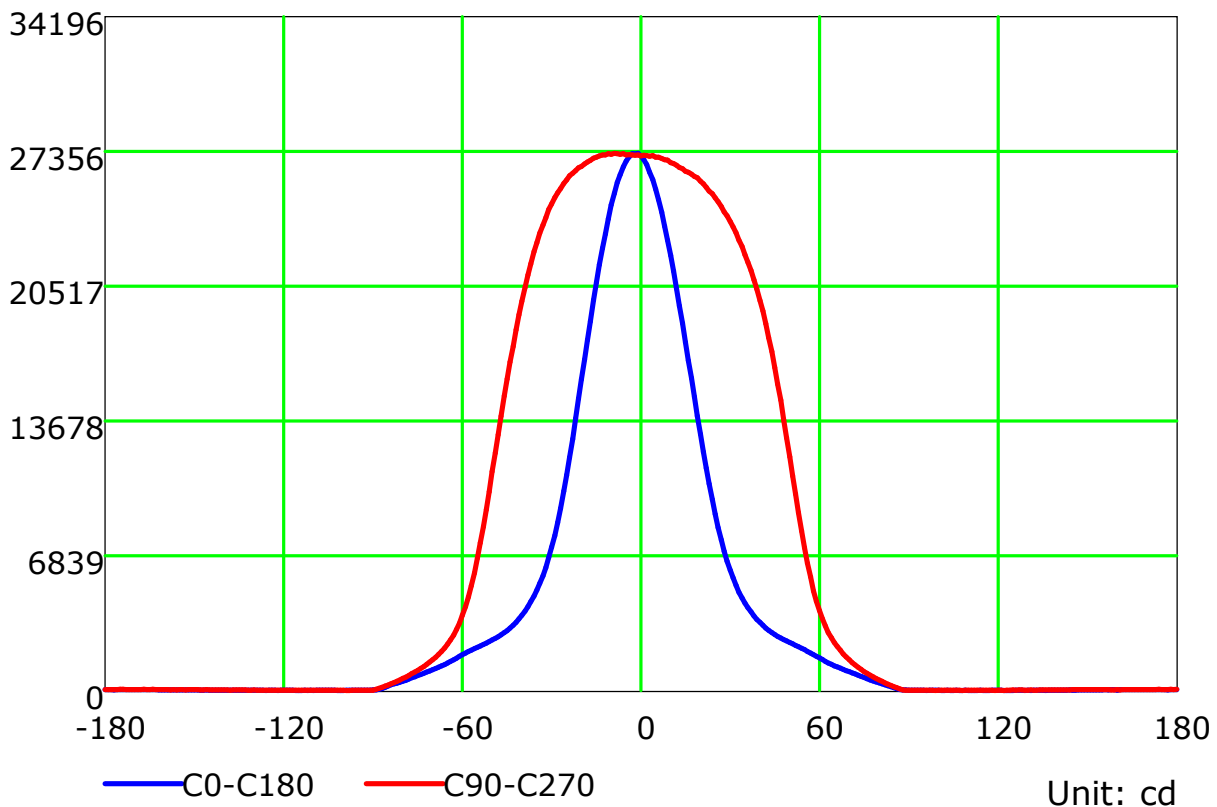
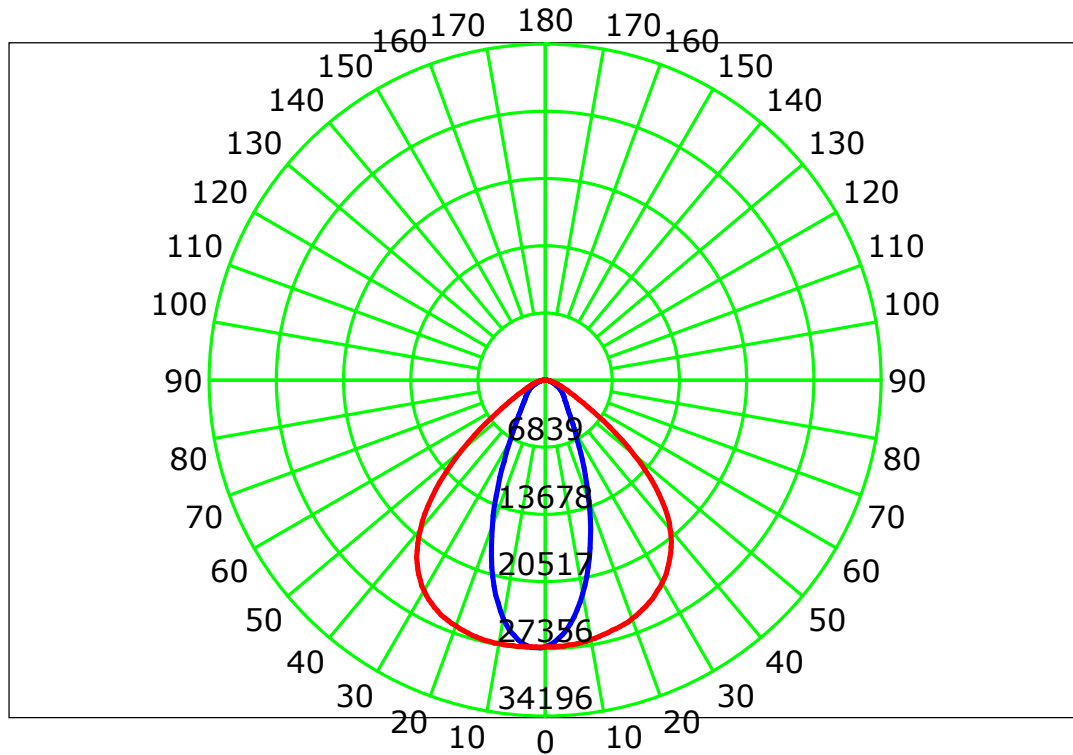
Test Device: GPM-3000

Distance: 15.469 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: 24.9 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 15.469 m [K=1.0000]
Humidity:
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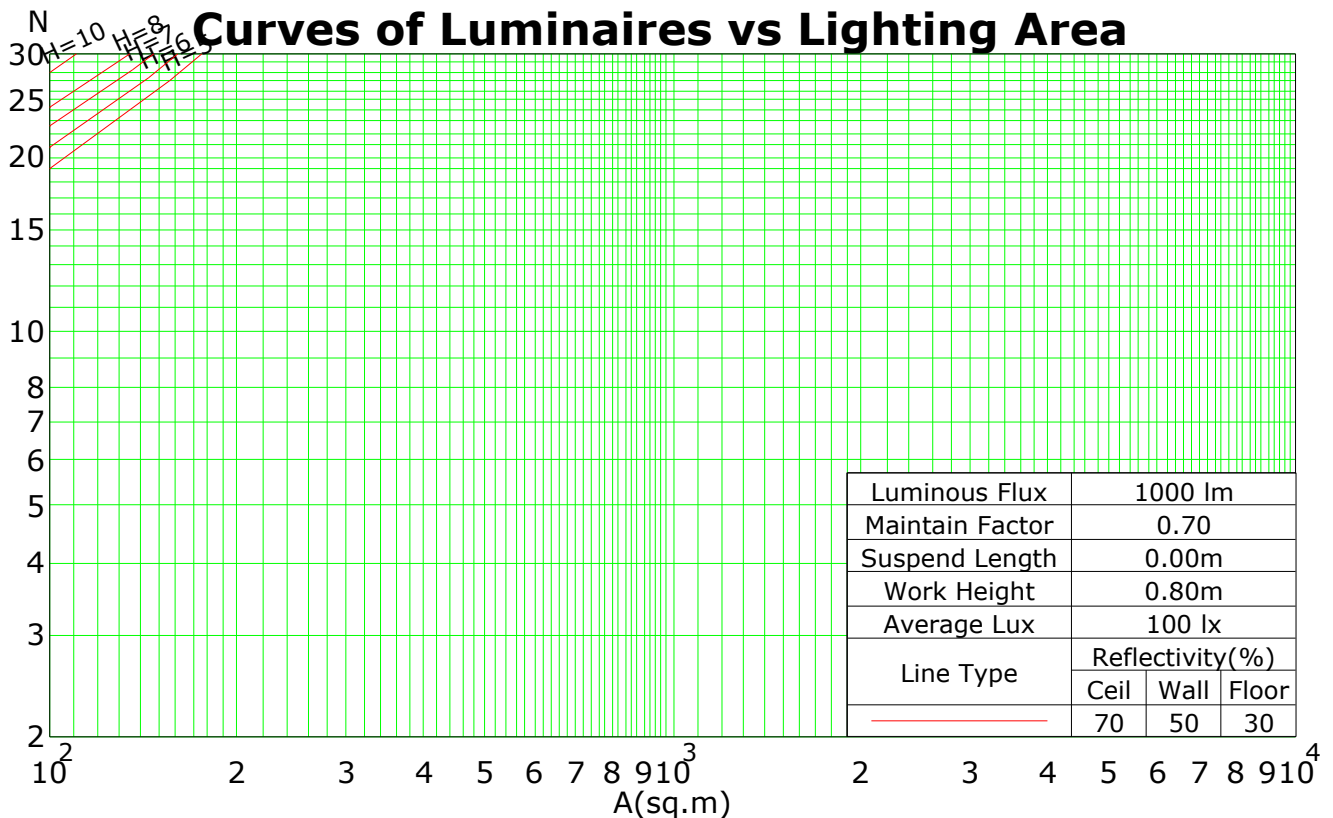
Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.11	1.08	1.04	1.01	1.09	1.05	1.02	1.00	1.01	0.99	0.97	0.97	0.95	0.94	0.94	0.92	0.91	0.89
2	1.04	0.97	0.92	0.87	1.01	0.95	0.90	0.86	0.92	0.88	0.84	0.89	0.85	0.82	0.86	0.83	0.81	0.79
3	0.97	0.88	0.82	0.76	0.94	0.87	0.81	0.76	0.84	0.79	0.74	0.81	0.77	0.73	0.79	0.75	0.72	0.70
4	0.90	0.80	0.73	0.68	0.88	0.79	0.72	0.67	0.77	0.71	0.66	0.74	0.70	0.66	0.72	0.68	0.65	0.63
5	0.84	0.74	0.66	0.61	0.82	0.73	0.66	0.60	0.71	0.64	0.60	0.69	0.63	0.59	0.67	0.62	0.59	0.57
6	0.79	0.68	0.60	0.55	0.77	0.67	0.60	0.55	0.65	0.59	0.54	0.64	0.58	0.54	0.62	0.57	0.53	0.52
7	0.74	0.63	0.55	0.50	0.72	0.62	0.55	0.50	0.60	0.54	0.49	0.59	0.53	0.49	0.58	0.53	0.49	0.47
8	0.70	0.58	0.51	0.46	0.68	0.57	0.51	0.46	0.56	0.50	0.45	0.55	0.49	0.45	0.54	0.49	0.45	0.43
9	0.66	0.54	0.47	0.42	0.64	0.54	0.47	0.42	0.52	0.46	0.42	0.51	0.46	0.42	0.51	0.45	0.42	0.40
10	0.62	0.51	0.44	0.39	0.61	0.50	0.44	0.39	0.49	0.43	0.39	0.48	0.43	0.39	0.47	0.42	0.39	0.37

Spacing Criteria (0-180): 0.67

Spacing Criteria (90-270): 1.31

Spacing Criteria (Diagonal): 0.87



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.9 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

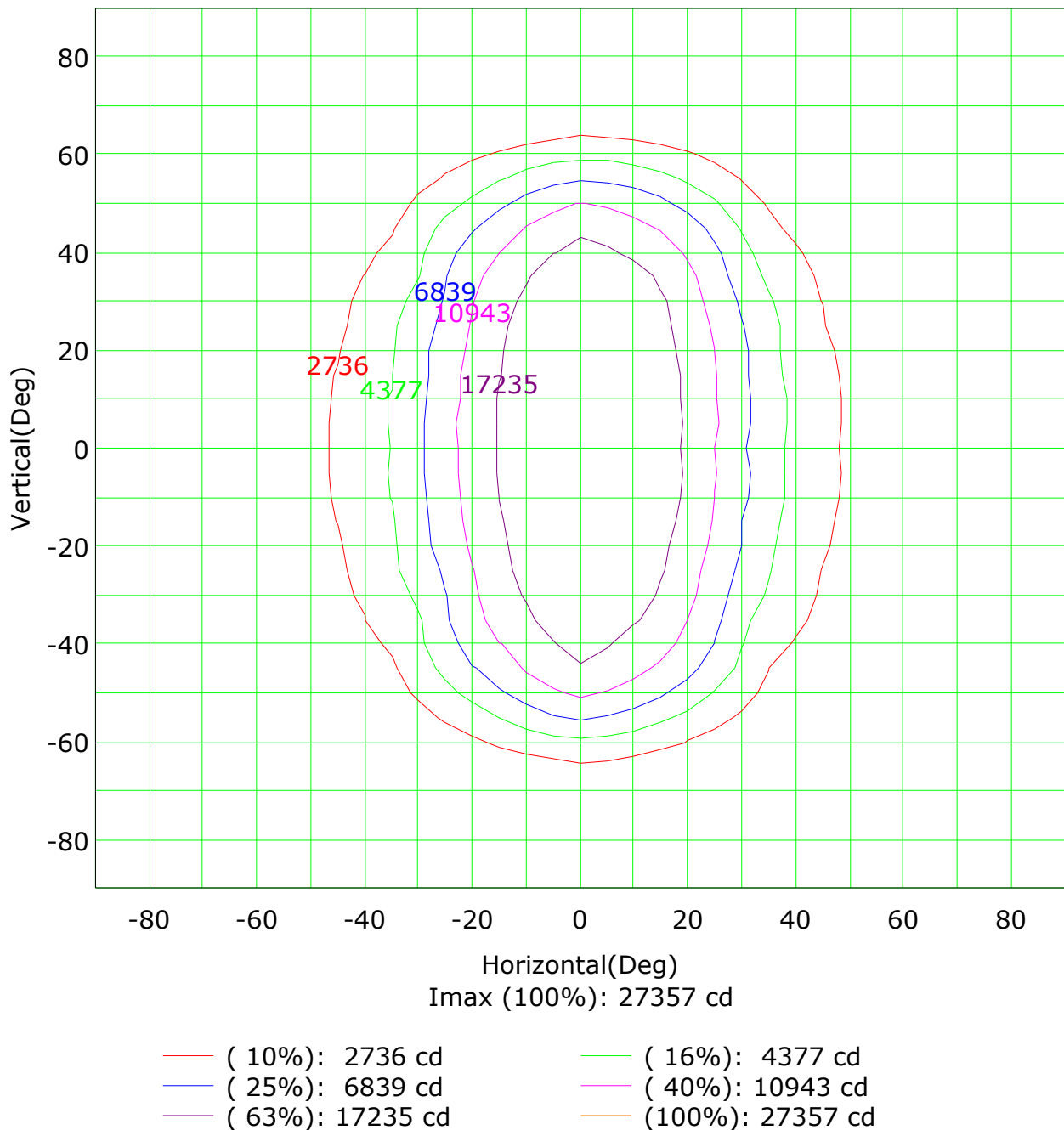
Test Device: GPM-3000

Distance: 15.469 m [K=1.0000]

Humidity:

Inspector:

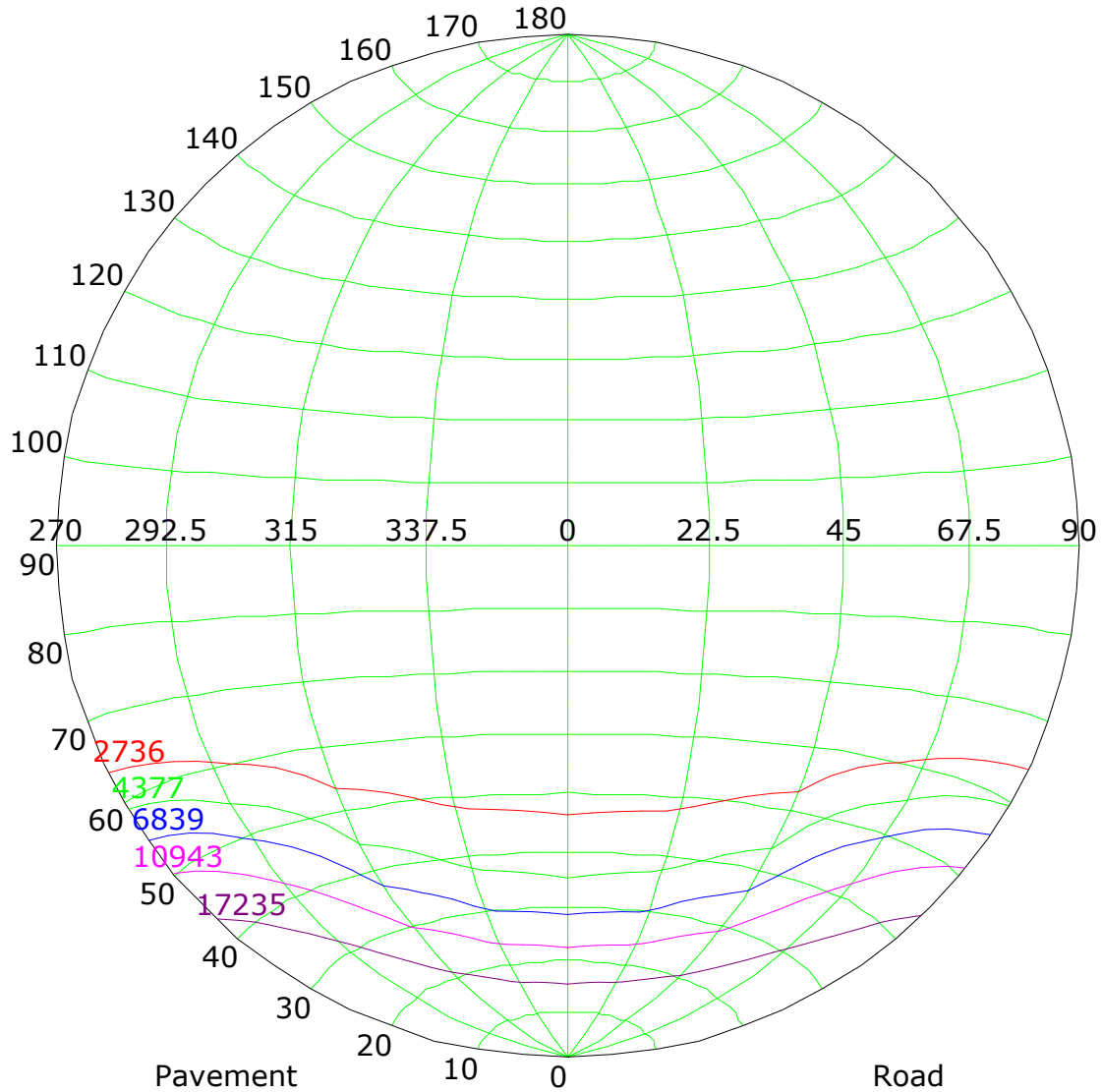
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.9 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 15.469 m [K=1.0000]
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 27357 cd

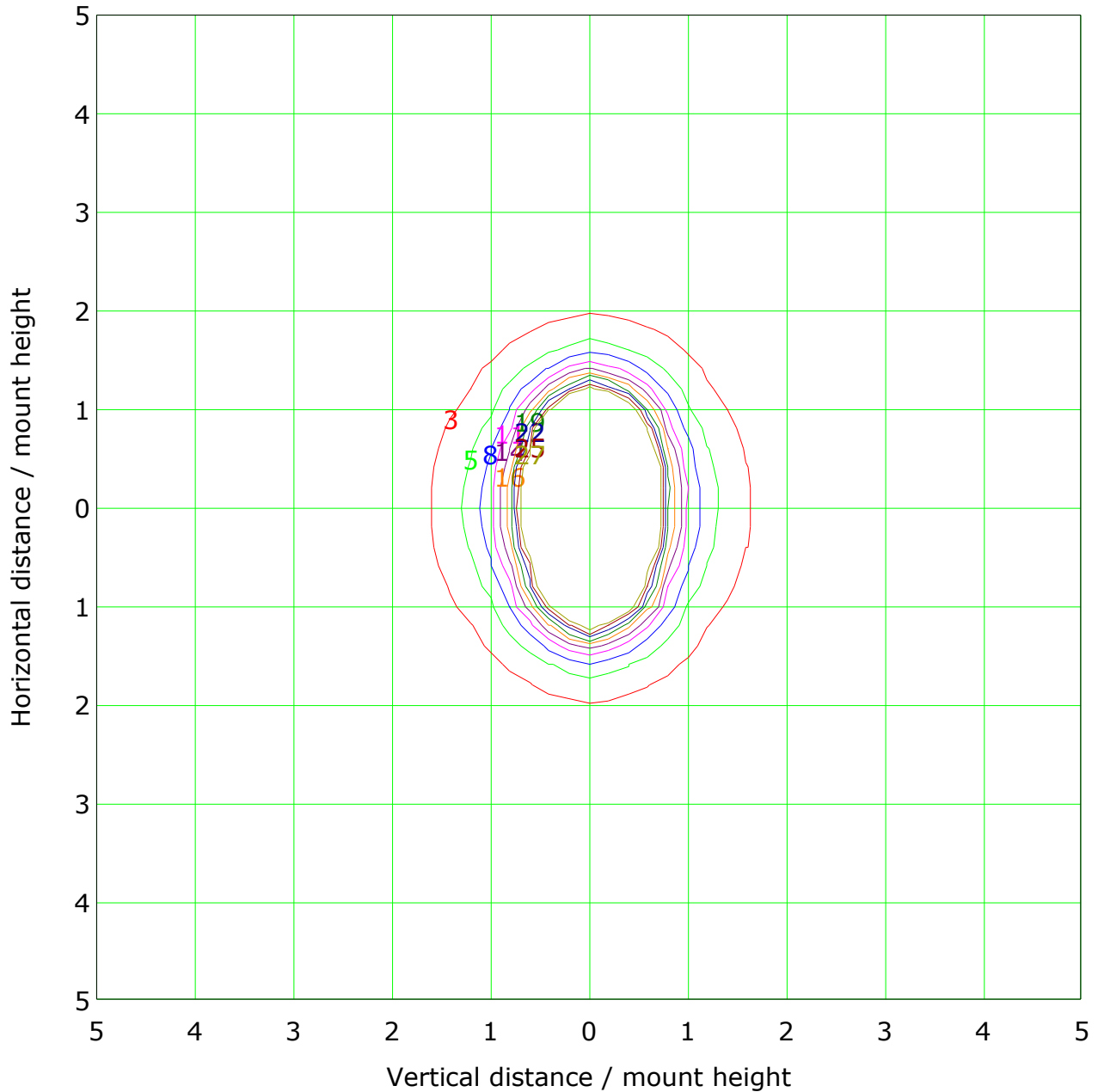
(10%): 2736 cd
(25%): 6839 cd
(63%): 17235 cd

(16%): 4377 cd
(40%): 10943 cd
(100%): 27357 cd

CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 1.188 cd/klm

IES: Cut-off
Max.At80: 18.982 cd/klm
Max.80-90: 18.982 cd/klm

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 273.0 lx	
(1%): 2.7 lx	(2%): 5.5 lx
(3%): 8.2 lx	(4%): 10.9 lx
(5%): 13.6 lx	(6%): 16.4 lx
(7%): 19.1 lx	(8%): 21.8 lx
(9%): 24.6 lx	(10%): 27.3 lx

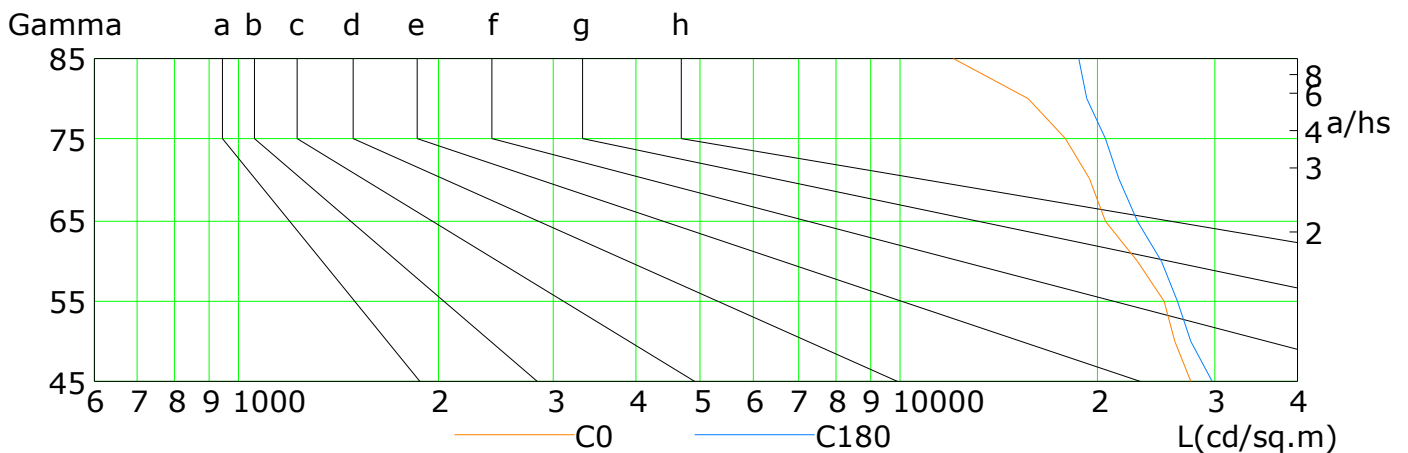
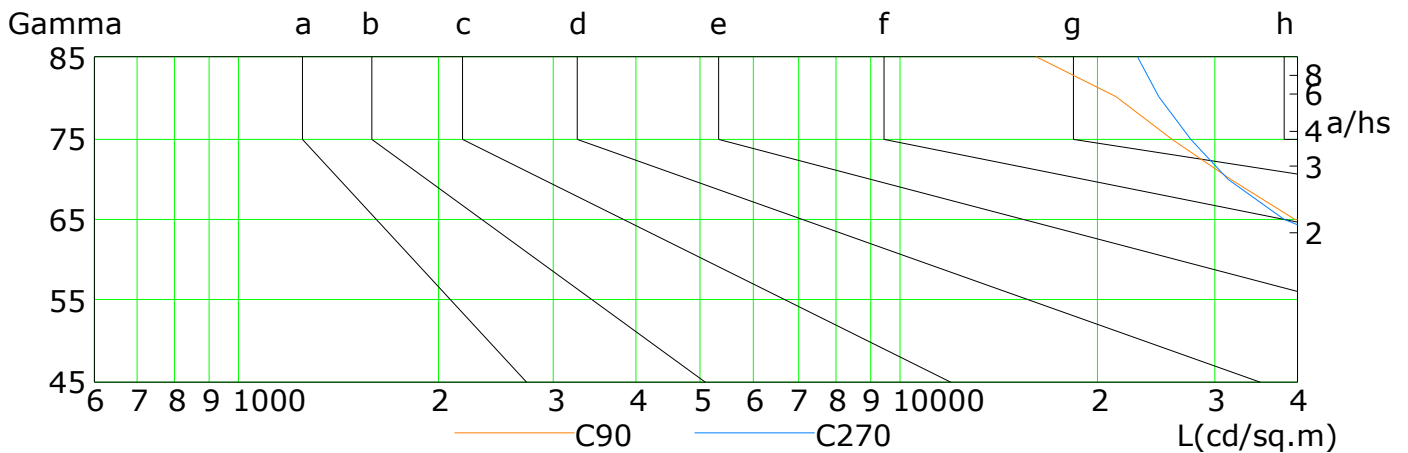
C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.9 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 15.469 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

a b c d e f g h

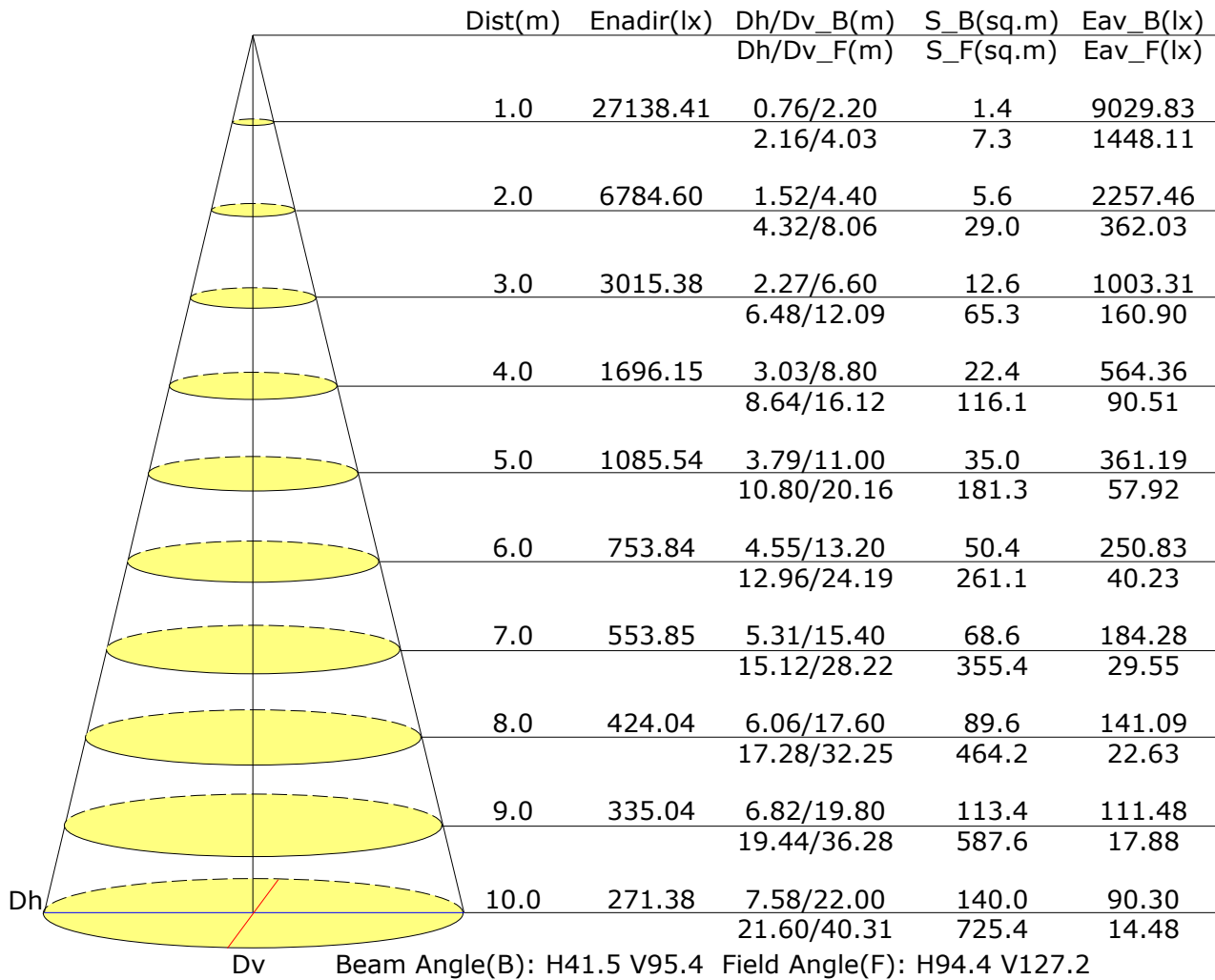


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	27710	26178	25058	22945	20572	19310	17847	15634	12021
C90	159526	126946	87010	55747	39907	31616	25774	21278	16159
C180	29699	27520	26440	25041	22955	21409	20508	19201	18729
C270	153801	118951	80579	52553	38359	31599	27618	24604	22854

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.9 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 15.469 m [K=1.0000]
Humidity:
Inspector:

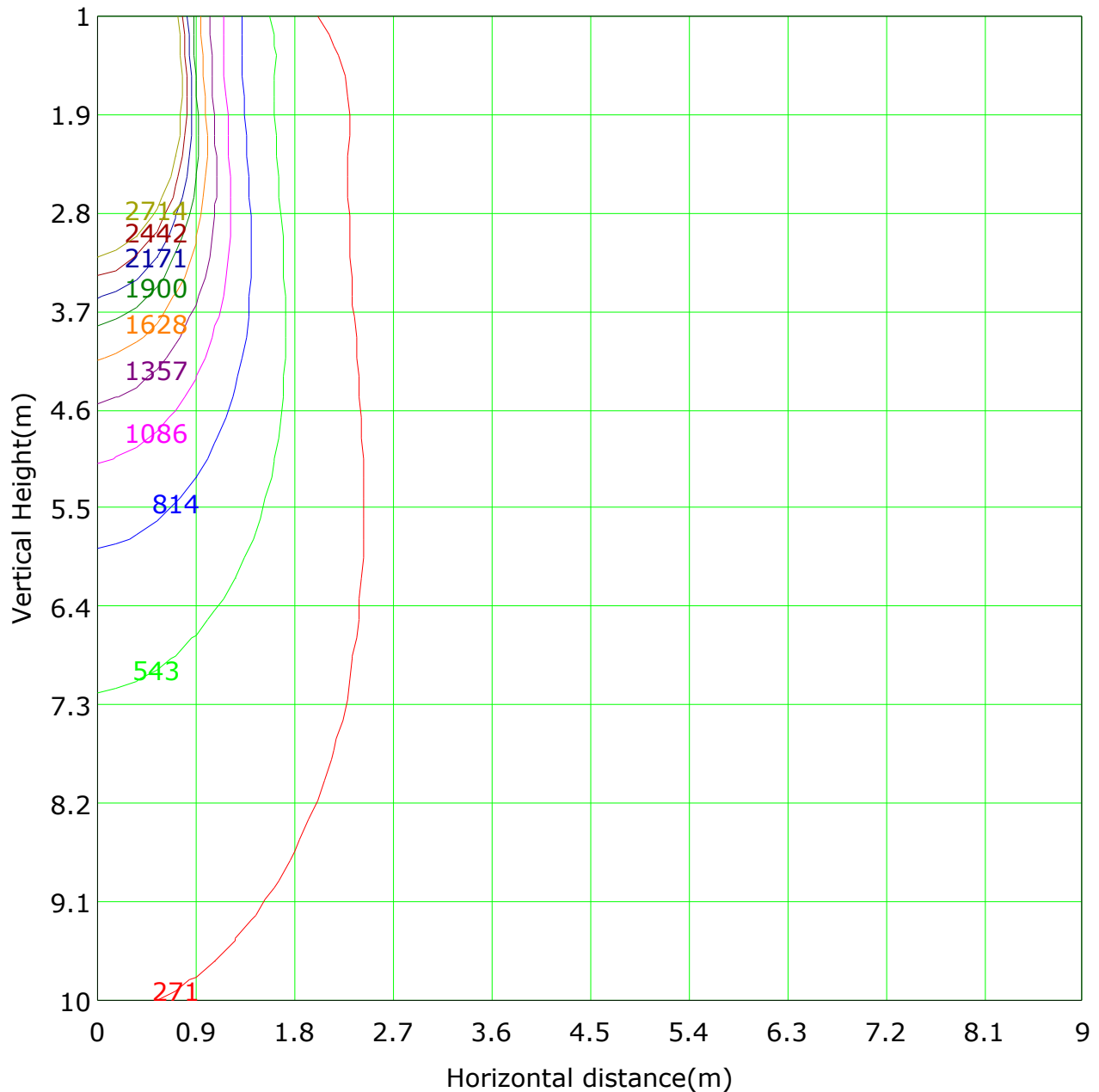
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.9 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 15.469 m [K=1.0000]
Humidity:
Inspector:

Vertical IsoLux Plot



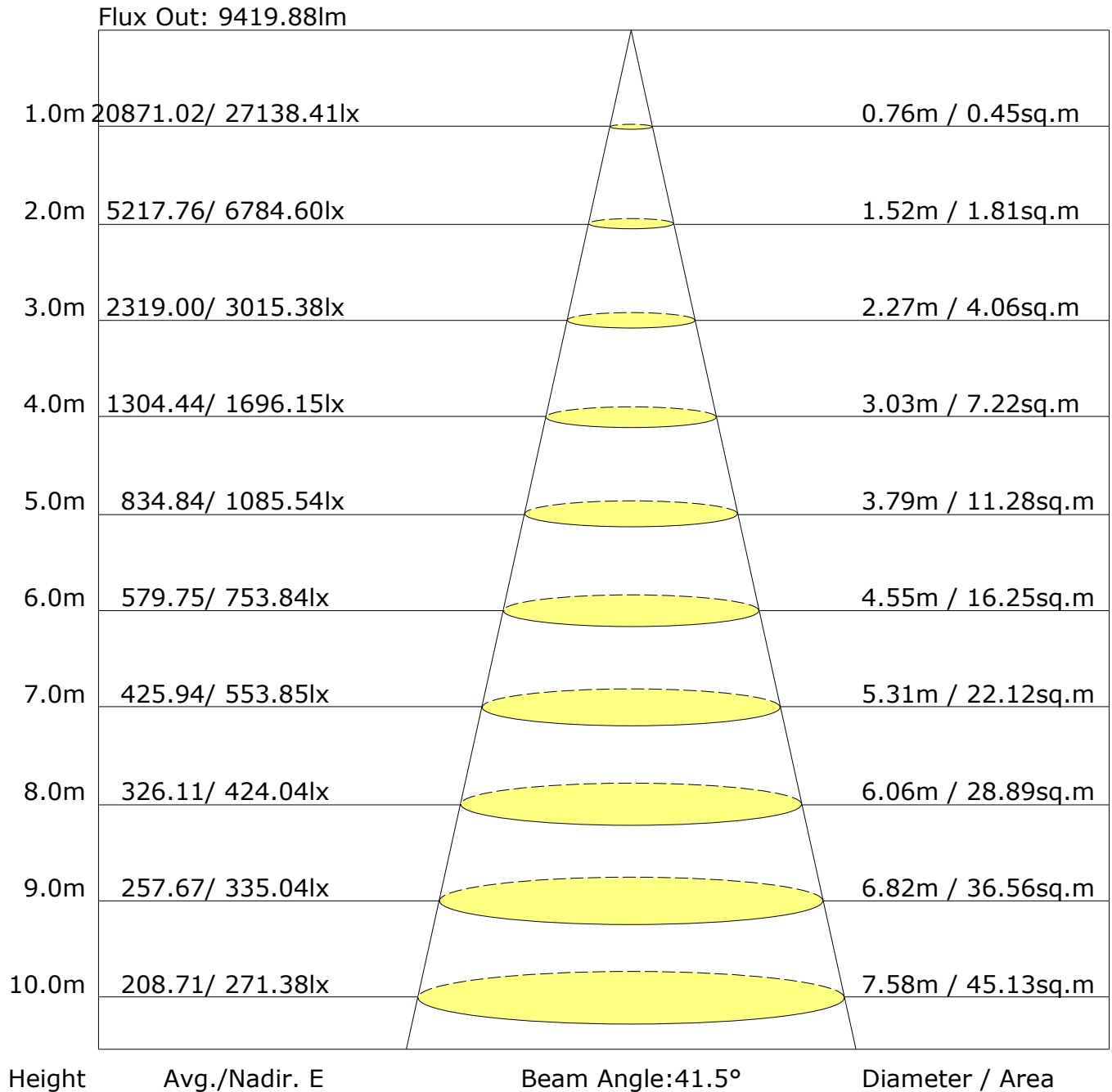
Lowest(m): 1.0m Highest(m): 10.0m Max Lux: 27138.4 lx

(1%): 271.4 lx	(2%): 542.8 lx
(3%): 814.2 lx	(4%): 1085.5 lx
(5%): 1356.9 lx	(6%): 1628.3 lx
(7%): 1899.7 lx	(8%): 2171.1 lx
(9%): 2442.5 lx	(10%): 2713.8 lx

C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.9 °C
Operator:

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-3000
Distance: 15.469 m [K=1.0000]
Humidity:
Inspector:

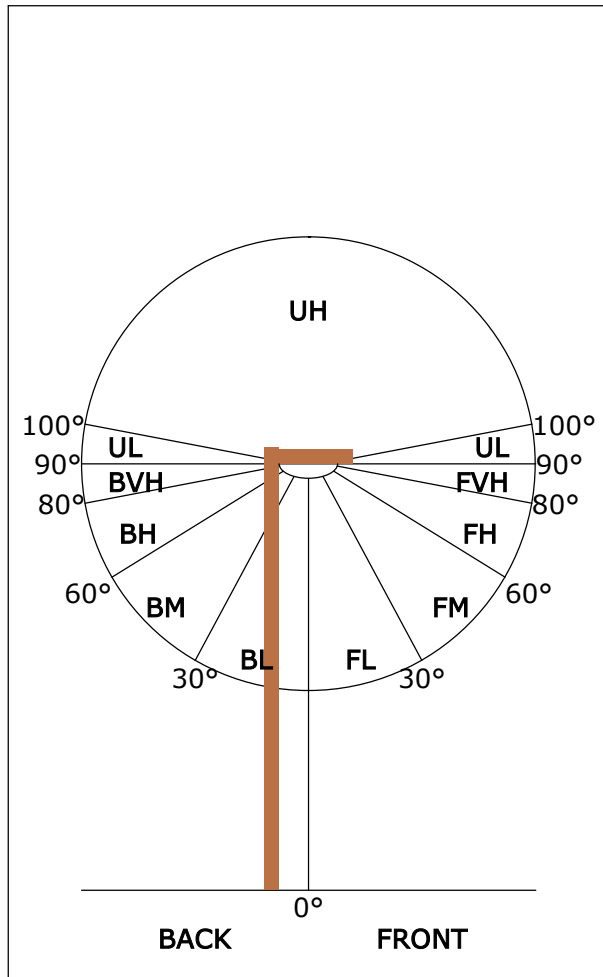
The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.9 °C
 Operator:

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-3000
 Distance: 15.469 m [K=1.0000]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	17231	49.0
FL (0°-30°)	8164	23.2
FM (30°-60°)	7638	21.7
FH (60°-80°)	1313	3.7
FVH (80°-90°)	115	0.3
BACK LIGHT	17742	50.5
BL (0°-30°)	8367	23.8
BM (30°-60°)	7888	22.4
BH (60°-80°)	1352	3.8
BVH (80°-90°)	135	0.4
UP LIGHT	162	0.5
UL (90°-100°)	22	0.1
UH (100°-180°)	140	0.4
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-11	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B5 U3 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U3 G2

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.9 'C
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 15.469 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	27138.4	27138.4	27138.4	27138.4	27138.4	27138.4	27138.4	27138.4	27138.4	27138.4
G1.0	26939.9	27007.3	26989.3	27014.1	27162.4	27216.5	27195.8	27312.2	27262.9	27311.4
G2.0	26698.4	26747.8	26803.5	26970.4	27146.1	27200.0	27281.5	27340.6	27242.7	27311.4
G3.0	26303.8	26437.7	26623.7	26848.7	27127.3	27272.9	27305.5	27356.9	27249.5	27297.7
G4.0	25942.9	26106.2	26319.5	26717.5	27153.8	27247.8	27249.0	27284.7	27090.5	27216.4
G5.0	25447.3	25623.9	26051.1	26612.1	27069.0	27248.6	27227.5	27113.5	26874.2	27013.3
G6.0	24904.6	25122.8	25665.9	26402.9	27073.3	27248.6	27066.4	26931.1	26583.1	26841.2
G7.0	24284.6	24572.8	25276.5	26266.6	27012.5	27144.5	26936.2	26616.2	26175.9	26492.5
G8.0	23557.6	23962.1	24875.2	26054.0	26942.3	27121.9	26733.1	26266.9	25784.7	26139.6
G9.0	22864.4	23324.8	24363.0	25833.7	26920.9	27007.3	26442.5	25860.9	25238.7	25727.6
G10.0	22087.0	22580.4	23909.7	25630.5	26801.8	26895.4	26179.4	25322.3	24647.2	25211.0
G11.0	21290.2	21883.9	23332.8	25302.2	26749.5	26789.5	25800.6	24758.8	23940.5	24705.6
G12.0	20415.2	21047.0	22784.1	25078.5	26663.9	26584.7	25398.7	24125.6	23178.2	24082.0
G13.0	19527.6	20270.9	22247.2	24785.3	26550.0	26451.9	24969.4	23466.6	22459.7	23376.2
G14.0	18648.4	19469.1	21602.2	24475.0	26495.2	26223.6	24453.4	22748.3	21610.8	22691.7
G15.0	17691.0	18542.3	20998.0	24182.7	26363.3	26041.3	23956.4	21915.5	20716.4	21901.1
G16.0	16757.9	17670.2	20355.5	23805.5	26307.6	25854.7	23356.5	21128.3	19829.7	21166.1
G17.0	15858.5	16776.8	19678.9	23502.0	26216.8	25552.7	22794.3	20133.8	18740.1	20217.8
G18.0	14926.3	15889.3	18933.3	23110.2	26103.7	25356.5	22127.6	19244.2	17796.1	19353.5
G19.0	13938.6	15038.7	18209.0	22748.5	26028.3	25063.1	21448.0	18330.6	16800.8	18485.7
G20.0	13018.1	14068.2	17531.6	22393.6	25851.9	24763.7	20773.5	17356.7	15806.3	17560.6
G21.0	12133.0	13249.3	16786.0	21949.6	25717.4	24433.9	20009.9	16427.6	14818.6	16673.1
G22.0	11295.9	12430.3	16042.1	21566.4	25549.5	24045.0	19276.3	15454.6	13823.3	15743.7
G23.0	10501.7	11604.6	15267.5	21077.7	25356.8	23729.9	18447.6	14425.6	12775.0	14812.6
G24.0	9712.5	10792.5	14518.5	20624.3	25215.5	23325.5	17646.3	13505.1	11830.1	13824.1
G25.0	8967.0	10014.7	13826.5	20178.5	25005.7	22914.9	16868.2	12573.4	10949.3	12932.3
G26.0	8273.8	9280.6	13116.7	19651.3	24813.8	22498.3	16036.9	11696.7	10135.7	12099.7
G27.0	7652.9	8583.3	12404.4	19177.3	24576.5	21969.7	15320.5	10821.8	9248.1	11245.6
G28.0	7071.5	7935.7	11735.4	18666.3	24301.6	21500.2	14525.2	9998.5	8543.0	10378.7
G29.0	6568.4	7371.2	10980.5	18146.9	24093.4	20968.1	13698.2	9238.0	7876.7	9617.2
G30.0	6123.3	6846.9	10351.6	17651.4	23810.8	20438.7	12934.6	8515.3	7280.1	8888.2
G31.0	5720.3	6388.6	9715.9	17088.2	23535.8	19891.8	12158.2	7886.4	6762.7	8257.8
G32.0	5359.4	5968.0	9103.2	16570.4	23239.5	19256.5	11337.2	7290.2	6239.4	7658.1
G33.0	4993.4	5568.0	8529.7	16016.6	22869.5	18685.4	10630.1	6744.0	5827.1	7103.9
G34.0	4707.3	5226.2	7972.5	15445.7	22532.8	18073.5	9897.4	6266.5	5448.5	6572.8
G35.0	4445.7	4911.0	7487.6	14915.9	22118.3	17442.5	9250.4	5828.6	5109.5	6123.1
G36.0	4210.1	4642.0	6981.4	14355.3	21749.1	16848.8	8619.6	5455.2	4803.2	5728.2

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.9 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 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	3998.1	4388.4	6548.6	13821.2	21320.0	16189.1	8024.9	5110.2	4520.5	5365.8
G38.0	3794.5	4150.3	6149.8	13258.9	20845.5	15556.4	7473.0	4791.1	4261.4	5015.5
G39.0	3618.6	3939.6	5761.2	12661.4	20381.2	14887.2	6939.1	4533.0	4030.9	4718.2
G40.0	3470.5	3745.1	5423.8	12099.0	19792.8	14206.7	6514.0	4263.7	3825.6	4450.1
G41.0	3315.7	3563.5	5104.2	11524.7	19267.7	13584.4	6077.8	4018.5	3643.9	4212.8
G42.0	3179.4	3405.9	4811.1	10982.1	18621.0	12930.0	5657.9	3824.9	3470.5	3987.5
G43.0	3056.6	3263.7	4550.3	10448.9	17912.7	12224.3	5314.2	3630.5	3314.9	3789.7
G44.0	2947.2	3130.1	4296.4	9859.1	17204.3	11621.1	4968.0	3461.0	3174.4	3596.1
G45.0	2847.9	3002.4	4068.0	9300.2	16395.8	10925.8	4667.2	3295.8	3052.4	3427.3
G46.0	2746.1	2885.1	3857.6	8678.7	15558.1	10231.5	4396.4	3145.3	2941.3	3280.8
G47.0	2673.0	2790.0	3655.6	8160.9	14738.4	9590.1	4123.9	3024.0	2835.3	3140.3
G48.0	2587.1	2686.3	3489.4	7639.7	13743.1	8912.2	3901.0	2908.7	2737.7	3011.0
G49.0	2519.0	2600.7	3301.1	7102.2	12830.0	8282.9	3684.2	2795.1	2649.4	2888.5
G50.0	2445.8	2514.2	3143.5	6592.2	11860.4	7700.5	3484.5	2697.1	2571.1	2783.1
G51.0	2372.6	2430.2	2990.1	6058.1	10896.8	7043.5	3302.0	2599.8	2493.7	2688.1
G52.0	2296.9	2349.7	2842.7	5601.2	9990.6	6488.8	3119.5	2504.4	2415.5	2596.4
G53.0	2226.2	2277.7	2717.4	5176.9	9047.6	5970.7	2966.9	2423.5	2346.5	2500.5
G54.0	2158.1	2214.3	2587.0	4765.4	8093.4	5417.8	2811.8	2350.4	2272.5	2416.5
G55.0	2089.1	2138.1	2476.3	4400.2	7254.0	4940.4	2676.4	2270.4	2204.3	2336.8
G56.0	1995.7	2069.6	2358.7	4020.4	6472.0	4507.3	2547.8	2198.1	2128.6	2266.6
G57.0	1913.2	1994.2	2246.2	3710.1	5768.8	4124.5	2423.6	2126.7	2054.6	2184.4
G58.0	1829.9	1920.5	2142.2	3432.4	5066.4	3781.7	2298.5	2051.0	1984.7	2115.0
G59.0	1744.1	1848.6	2043.4	3172.6	4536.2	3468.4	2185.3	1983.9	1902.3	2043.9
G60.0	1667.5	1773.2	1945.4	2944.6	4051.4	3186.3	2082.5	1912.5	1819.8	1972.8
G61.0	1580.0	1694.4	1854.2	2718.3	3647.1	2917.2	1978.8	1839.3	1739.1	1902.5
G62.0	1490.9	1612.2	1748.6	2528.8	3297.7	2698.5	1873.4	1767.9	1649.0	1818.6
G63.0	1409.3	1539.3	1656.5	2356.5	2951.6	2498.0	1774.8	1692.2	1568.3	1748.3
G64.0	1340.3	1466.5	1552.6	2200.5	2690.4	2303.6	1672.0	1622.5	1490.9	1675.5
G65.0	1263.7	1398.9	1455.4	2045.4	2451.4	2145.6	1578.6	1546.8	1410.1	1599.3
G66.0	1202.3	1319.2	1330.2	1904.8	2243.3	2004.1	1462.9	1474.6	1326.0	1523.9
G67.0	1137.5	1249.8	1214.3	1780.5	2048.0	1863.5	1350.6	1399.7	1257.8	1441.7
G68.0	1077.8	1178.7	1115.4	1666.5	1861.2	1733.3	1245.2	1318.9	1193.0	1369.7
G69.0	1014.7	1108.5	1031.1	1545.6	1712.2	1609.2	1149.2	1250.0	1124.9	1293.5
G70.0	960.0	1039.9	958.6	1428.2	1571.7	1499.0	1056.7	1171.7	1064.3	1216.4
G71.0	898.6	979.1	881.9	1325.3	1429.6	1379.2	983.8	1104.6	1002.9	1135.0
G72.0	848.1	915.7	820.6	1226.7	1303.6	1280.2	912.7	1027.2	944.0	1055.4
G73.0	794.2	853.2	766.9	1125.6	1188.0	1183.0	847.6	968.7	887.6	985.1

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.9 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 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	726.9	789.8	708.1	1016.7	1085.2	1076.3	785.9	895.6	827.9	911.4
G75.0	671.4	726.4	653.6	933.5	969.6	984.3	724.2	828.5	771.5	839.5
G76.0	608.3	667.3	592.2	845.2	879.7	898.3	671.9	767.4	709.3	771.8
G77.0	551.9	603.1	540.2	762.9	788.9	815.9	609.3	709.8	655.4	708.4
G78.0	498.9	540.5	492.5	683.2	703.2	741.2	553.6	653.0	594.8	651.9
G79.0	443.4	480.6	446.5	611.2	621.0	668.3	501.3	586.7	534.3	588.5
G80.0	394.6	428.3	388.6	544.3	537.0	596.3	454.2	529.1	484.6	524.2
G81.0	345.8	366.6	340.8	481.8	473.7	526.0	402.8	468.9	436.7	467.7
G82.0	301.2	301.5	294.0	414.9	402.6	458.3	345.4	400.0	389.5	407.8
G83.0	258.3	242.4	239.4	345.5	334.1	394.9	291.4	345.0	345.8	348.6
G84.0	209.5	191.9	188.3	281.2	263.0	321.1	242.5	279.6	295.3	287.8
G85.0	152.3	132.8	129.5	214.3	204.7	258.7	187.7	226.3	237.3	231.3
G86.0	102.6	83.1	85.2	142.3	150.8	186.6	128.5	151.4	170.8	169.6
G87.0	63.9	50.5	56.2	81.4	92.5	116.3	78.0	102.4	110.2	117.4
G88.0	44.6	43.7	43.5	37.7	41.1	58.2	54.8	67.1	68.1	84.8
G89.0	37.9	36.0	36.6	24.0	20.6	30.4	27.4	38.7	35.3	47.1
G90.0	26.9	30.0	30.7	27.4	20.6	19.1	26.6	27.5	34.5	37.7
G91.0	28.6	24.8	23.9	19.7	23.1	23.4	24.0	22.4	31.1	23.1
G92.0	30.3	17.1	21.3	21.4	19.7	20.0	19.7	20.6	28.6	22.3
G93.0	25.2	23.1	26.4	18.9	20.6	22.6	20.6	22.4	25.2	26.6
G94.0	24.4	20.6	25.6	14.6	19.7	18.2	18.8	20.6	23.6	14.6
G95.0	20.2	20.6	15.3	10.3	20.6	19.1	17.1	16.3	21.0	24.8
G96.0	10.9	21.4	19.6	14.6	18.8	16.5	18.8	22.4	21.9	21.4
G97.0	22.7	22.3	19.6	18.0	21.4	18.2	14.6	14.6	21.9	26.6
G98.0	18.5	19.7	17.0	18.9	21.4	18.2	12.9	17.2	21.9	18.8
G99.0	16.8	18.0	20.4	17.1	15.4	19.1	14.6	18.1	22.7	20.6
G100.0	21.0	20.6	19.6	14.6	21.4	19.1	13.7	18.1	10.9	19.7
G101.0	16.0	17.1	23.0	17.1	21.4	19.1	12.9	12.0	14.3	14.6
G102.0	16.0	15.4	23.0	9.4	19.7	16.5	15.4	17.2	14.3	13.7
G103.0	16.8	16.3	23.9	20.6	25.7	17.4	16.3	9.5	17.7	20.6
G104.0	15.1	17.1	26.4	20.6	21.4	16.5	15.4	14.6	20.2	14.6
G105.0	14.3	14.6	19.6	15.4	18.0	17.4	13.7	14.6	17.7	13.7
G106.0	16.8	12.9	22.2	19.7	18.8	18.2	14.6	14.6	20.2	12.0
G107.0	16.0	18.0	23.0	16.3	22.3	17.4	12.9	11.2	21.0	18.8
G108.0	15.1	12.9	20.4	18.0	15.4	15.6	15.4	15.5	17.7	18.0
G109.0	18.5	18.8	23.0	18.9	20.6	17.4	16.3	20.6	21.0	17.1
G110.0	12.6	13.7	23.9	18.9	19.7	20.0	13.7	15.5	16.0	20.6

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.9 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 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	14.3	19.7	19.6	15.4	24.8	17.4	13.7	15.5	17.7	16.3
G112.0	11.8	18.0	17.9	21.4	24.8	16.5	14.6	12.0	14.3	16.3
G113.0	15.1	18.8	21.3	16.3	24.0	19.1	16.3	17.2	19.4	17.1
G114.0	18.5	16.3	23.0	18.9	23.1	18.2	10.3	10.3	16.0	14.6
G115.0	15.1	16.3	21.3	18.9	26.6	19.1	13.7	15.5	16.0	13.7
G116.0	15.1	20.6	25.6	24.0	20.6	19.1	15.4	18.1	16.0	20.6
G117.0	14.3	11.1	27.3	20.6	22.3	17.4	16.3	16.3	19.4	17.1
G118.0	19.4	20.6	27.3	16.3	27.4	22.6	14.6	17.2	20.2	18.0
G119.0	20.2	13.7	23.0	24.0	13.7	16.5	16.3	18.9	19.4	15.4
G120.0	16.8	19.7	25.6	24.9	28.3	20.8	13.7	19.8	17.7	20.6
G121.0	20.2	19.7	21.3	24.9	20.6	19.1	14.6	14.6	21.0	15.4
G122.0	16.0	20.6	28.1	18.0	14.6	19.1	19.7	18.1	15.1	18.8
G123.0	16.0	18.8	24.7	18.9	24.0	23.4	17.1	12.0	20.2	18.0
G124.0	14.3	23.1	24.7	25.7	30.8	25.2	16.3	12.0	22.7	15.4
G125.0	11.8	21.4	26.4	26.6	34.3	25.2	19.7	17.2	21.0	13.7
G126.0	20.2	20.6	31.5	24.9	28.3	26.9	15.4	8.6	12.6	17.1
G127.0	17.7	19.7	20.4	22.3	34.3	22.6	18.8	18.1	16.8	15.4
G128.0	16.8	23.1	26.4	25.7	32.6	20.8	19.7	18.9	18.5	19.7
G129.0	12.6	19.7	27.3	27.4	30.0	26.9	14.6	18.1	20.2	20.6
G130.0	20.2	21.4	30.7	29.1	24.8	25.2	18.0	18.1	24.4	22.3
G131.0	8.4	24.0	33.2	34.3	38.5	27.8	24.0	19.8	16.8	18.8
G132.0	23.6	26.6	33.2	33.4	31.7	25.2	18.8	17.2	19.4	20.6
G133.0	21.0	12.9	31.5	31.7	30.8	33.0	21.4	19.8	26.9	13.7
G134.0	19.4	24.0	35.8	30.9	36.0	33.0	18.8	16.3	25.2	18.8
G135.0	23.6	29.1	35.8	41.1	40.3	26.0	23.1	18.1	24.4	18.8
G136.0	12.6	24.0	34.1	32.6	40.3	28.6	22.3	21.5	19.4	24.0
G137.0	22.7	28.3	37.5	38.6	37.7	29.5	24.9	23.2	24.4	24.8
G138.0	19.4	23.1	43.5	39.4	44.5	29.5	28.3	23.2	28.6	24.0
G139.0	23.6	33.4	40.9	39.4	42.8	33.0	25.7	16.3	26.1	22.3
G140.0	27.8	30.0	40.0	44.6	48.0	32.1	28.3	22.4	26.1	24.8
G141.0	26.9	35.1	47.7	46.3	40.3	29.5	26.6	18.1	27.8	26.6
G142.0	27.8	35.1	46.0	43.7	44.5	33.0	24.9	31.0	31.1	26.6
G143.0	26.9	37.7	51.1	49.7	38.5	41.7	25.7	19.8	22.7	24.8
G144.0	32.8	44.5	46.9	41.1	41.1	33.0	27.4	34.4	24.4	27.4
G145.0	27.8	42.0	51.1	53.1	50.5	36.5	34.3	25.8	28.6	30.0
G146.0	32.0	42.8	48.6	46.3	53.1	39.1	33.4	28.4	32.8	33.4
G147.0	37.0	48.0	52.8	49.7	53.1	32.1	35.1	31.0	32.0	30.8

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.9 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 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	39.5	44.5	57.1	53.1	55.7	41.7	32.6	35.3	17.7	33.4
G149.0	42.1	37.7	55.4	41.1	58.2	42.5	34.3	34.4	37.0	34.3
G150.0	34.5	48.8	60.5	52.3	56.5	46.0	34.3	30.1	35.3	36.0
G151.0	40.4	52.3	55.4	56.6	49.7	45.1	35.1	29.3	42.1	30.0
G152.0	39.5	52.3	51.1	52.3	54.8	47.7	33.4	33.5	38.7	36.8
G153.0	33.7	56.5	54.5	59.2	60.0	46.0	41.1	33.5	38.7	38.5
G154.0	47.1	56.5	58.8	56.6	60.0	31.2	41.1	41.3	38.7	33.4
G155.0	42.9	54.0	49.4	48.9	56.5	47.7	32.6	31.0	41.2	39.4
G156.0	50.5	60.0	63.1	57.4	53.1	40.8	42.0	37.0	33.7	42.8
G157.0	40.4	54.8	58.8	52.3	50.5	45.1	42.8	41.3	39.5	41.1
G158.0	49.6	54.0	60.5	43.7	45.4	44.3	44.6	40.4	36.2	46.3
G159.0	51.3	54.0	53.7	58.3	44.5	43.4	46.3	43.9	42.9	49.7
G160.0	29.4	57.4	63.1	57.4	53.1	46.0	47.1	32.7	44.6	48.0
G161.0	54.7	53.1	63.9	51.4	46.3	50.3	48.9	43.0	41.2	43.7
G162.0	52.2	60.8	63.1	55.7	53.1	45.1	46.3	49.9	47.1	50.5
G163.0	56.4	62.5	52.8	55.7	58.2	52.1	35.1	49.9	51.3	50.5
G164.0	55.5	62.5	63.9	55.7	60.8	49.5	54.0	55.9	57.2	50.5
G165.0	57.2	63.4	63.1	54.9	60.0	46.9	47.1	50.8	53.8	55.7
G166.0	58.1	67.7	70.7	64.3	61.7	39.9	51.4	48.2	51.3	43.7
G167.0	52.2	62.5	59.6	59.2	60.0	46.9	50.6	58.5	58.9	51.4
G168.0	58.1	62.5	61.3	54.9	58.2	46.0	51.4	47.3	51.3	48.8
G169.0	63.1	63.4	60.5	60.9	61.7	50.3	54.8	55.9	49.6	58.2
G170.0	58.1	65.1	69.0	60.9	55.7	39.1	58.3	53.3	58.9	54.0
G171.0	61.4	56.5	63.1	49.7	62.5	47.7	47.1	53.3	51.3	59.1
G172.0	54.7	62.5	65.6	57.4	61.7	49.5	30.0	52.5	48.8	52.3
G173.0	63.1	63.4	48.6	60.9	64.2	45.1	58.3	57.6	62.3	43.7
G174.0	60.6	64.2	62.2	60.9	66.0	47.7	51.4	55.9	56.4	63.4
G175.0	54.7	64.2	65.6	54.9	62.5	35.6	44.6	56.8	63.9	59.1
G176.0	57.2	31.7	66.5	61.7	52.3	48.6	48.0	55.1	60.6	46.3
G177.0	40.4	46.3	68.2	57.4	60.0	47.7	54.0	53.3	43.7	55.7
G178.0	58.1	57.4	63.1	58.3	68.5	39.1	46.3	55.1	58.9	58.2
G179.0	54.7	63.4	59.6	57.4	53.1	39.9	50.6	42.2	52.2	58.2
G180.0	58.1	54.0	50.3	52.3	67.7	41.7	47.1	46.5	58.1	54.8

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.9 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 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	27138.4	27138.4	27138.4	27138.4	27138.4	27138.4	27138.4			
G1.0	27198.1	27168.4	27190.7	27067.2	26943.9	26966.3	26939.9			
G2.0	27297.8	27235.3	27162.4	27016.9	26798.2	26690.2	26698.4			
G3.0	27280.7	27275.6	27185.5	26884.1	26583.9	26347.8	26303.8			
G4.0	27264.5	27261.0	27202.7	26851.1	26298.6	26000.2	25942.9			
G5.0	27221.9	27340.7	27189.0	26721.8	26055.2	25512.4	25447.3			
G6.0	27081.3	27322.7	27253.2	26592.5	25702.1	25055.6	24904.6			
G7.0	26985.0	27315.0	27224.1	26488.3	25352.4	24451.7	24284.6			
G8.0	26778.0	27333.9	27249.8	26293.0	24954.8	23840.9	23557.6			
G9.0	26560.7	27261.9	27261.8	26180.2	24508.3	23233.5	22864.4			
G10.0	26322.1	27275.6	27216.4	25968.4	24093.5	22515.1	22087.0			
G11.0	25977.0	27184.7	27249.8	25761.8	23568.2	21820.8	21290.2			
G12.0	25685.5	27104.1	27191.5	25574.4	23072.8	21050.9	20415.2			
G13.0	25248.4	27012.4	27183.8	25303.5	22484.1	20190.6	19527.6			
G14.0	24840.2	26848.7	27144.4	25075.3	21898.7	19400.8	18648.4			
G15.0	24385.2	26759.5	27067.3	24804.5	21328.9	18531.0	17691.0			
G16.0	23856.9	26568.3	27030.5	24472.9	20688.7	17725.8	16757.9			
G17.0	23370.3	26390.9	26914.0	24191.7	20068.2	16852.6	15858.5			
G18.0	22772.1	26216.0	26831.8	23821.1	19410.0	15964.7	14926.3			
G19.0	22127.1	25931.4	26738.4	23528.6	18661.9	15051.1	13938.6			
G20.0	21522.9	25736.0	26596.2	23118.0	18008.0	14174.4	13018.1			
G21.0	20841.2	25450.5	26540.6	22739.6	17276.1	13347.7	12133.0			
G22.0	20222.6	25163.3	26383.0	22370.7	16594.0	12509.7	11295.9			
G23.0	19492.3	24871.9	26266.5	21904.6	15873.2	11671.8	10501.7			
G24.0	18777.4	24505.0	26133.7	21515.8	15077.1	10872.6	9712.5			
G25.0	17993.4	24171.5	25920.4	21059.2	14402.6	10078.5	8967.0			
G26.0	17232.5	23774.6	25740.6	20531.5	13690.5	9396.3	8273.8			
G27.0	16503.9	23366.6	25482.7	20055.0	12996.3	8726.1	7652.9			
G28.0	15737.0	22967.1	25276.3	19512.5	12308.1	8098.9	7071.5			
G29.0	14983.7	22474.2	25021.1	19020.4	11540.3	7485.5	6568.4			
G30.0	14162.3	21987.3	24705.0	18457.1	10859.0	6950.4	6123.3			
G31.0	13399.6	21462.6	24425.8	17892.1	10235.1	6500.5	5720.3			
G32.0	12702.6	20932.0	24002.6	17297.5	9632.6	6078.1	5359.4			
G33.0	11959.5	20380.8	23635.2	16686.5	9033.6	5681.5	4993.4			
G34.0	11253.1	19769.6	23217.2	16137.1	8466.2	5346.0	4707.3			
G35.0	10503.3	19107.8	22739.3	15530.4	7891.2	4994.1	4445.7			
G36.0	9816.5	18439.2	22287.0	14907.2	7386.4	4717.1	4210.1			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.9 °C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 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	9213.2	17779.1	21657.5	14248.4	6939.1	4457.3	3998.1			
G38.0	8603.0	17099.3	21089.6	13621.7	6514.9	4221.5	3794.5			
G39.0	8027.9	16359.5	20455.7	13027.2	6065.8	3990.1	3618.6			
G40.0	7450.1	15589.7	19757.7	12391.8	5705.9	3811.2	3470.5			
G41.0	6944.8	14815.6	19072.4	11766.9	5354.5	3623.6	3315.7			
G42.0	6497.4	14066.4	18311.0	11084.7	5047.7	3455.9	3179.4			
G43.0	6063.7	13324.9	17478.4	10476.2	4763.2	3309.6	3056.6			
G44.0	5647.0	12484.8	16675.0	9903.4	4470.9	3171.1	2947.2			
G45.0	5291.7	11759.6	15807.3	9234.2	4230.1	3041.2	2847.9			
G46.0	4955.1	11004.4	14957.7	8643.1	3994.4	2934.5	2746.1			
G47.0	4661.1	10288.6	13930.7	8078.9	3791.3	2826.1	2673.0			
G48.0	4371.4	9565.1	12993.6	7491.3	3590.8	2727.2	2587.1			
G49.0	4092.8	8855.3	12055.7	6970.6	3392.0	2634.3	2519.0			
G50.0	3866.1	8143.8	11113.5	6405.5	3236.9	2549.1	2445.8			
G51.0	3645.4	7486.3	10102.0	5911.7	3071.5	2476.8	2372.6			
G52.0	3448.5	6877.6	9188.9	5454.2	2928.3	2401.1	2296.9			
G53.0	3259.4	6300.7	8328.9	5011.6	2797.2	2329.7	2226.2			
G54.0	3082.1	5744.3	7494.7	4619.3	2655.8	2252.3	2158.1			
G55.0	2914.3	5216.3	6717.8	4218.3	2537.6	2186.0	2089.1			
G56.0	2760.9	4762.0	5965.8	3891.9	2423.6	2121.5	1995.7			
G57.0	2626.2	4353.9	5317.4	3597.7	2323.3	2049.3	1913.2			
G58.0	2495.9	3981.9	4754.6	3322.5	2209.3	1977.8	1829.9			
G59.0	2360.4	3621.8	4258.7	3092.5	2109.9	1900.4	1744.1			
G60.0	2242.8	3328.7	3819.3	2864.3	2025.1	1814.4	1667.5			
G61.0	2134.6	3068.9	3423.6	2655.1	1929.9	1747.3	1580.0			
G62.0	2021.2	2838.3	3107.5	2481.5	1833.1	1663.8	1490.9			
G63.0	1913.9	2612.0	2813.7	2322.6	1740.6	1589.8	1409.3			
G64.0	1816.7	2421.7	2571.3	2181.2	1642.0	1516.7	1340.3			
G65.0	1711.9	2264.8	2356.3	2033.6	1539.2	1440.2	1263.7			
G66.0	1608.8	2109.7	2168.7	1909.5	1419.2	1366.2	1202.3			
G67.0	1494.6	1966.5	1997.4	1794.1	1306.1	1297.3	1137.5			
G68.0	1355.7	1831.1	1836.4	1674.3	1182.7	1213.0	1077.8			
G69.0	1233.9	1705.9	1694.2	1571.0	1087.5	1144.2	1014.7			
G70.0	1135.0	1596.2	1570.9	1467.7	1003.5	1072.8	960.0			
G71.0	1042.1	1486.5	1454.4	1368.8	931.5	1000.5	898.6			
G72.0	962.9	1368.2	1340.5	1275.0	863.0	936.0	848.1			
G73.0	892.2	1271.3	1227.4	1170.0	801.3	868.1	794.2			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.9 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 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	830.8	1168.4	1130.6	1081.5	742.2	804.4	726.9			
G75.0	767.8	1075.8	1039.0	991.2	683.9	738.1	671.4			
G76.0	709.8	982.4	952.5	907.0	629.0	677.1	608.3			
G77.0	655.3	905.2	862.5	824.6	576.8	610.0	551.9			
G78.0	597.3	822.9	777.7	743.8	525.3	543.7	498.9			
G79.0	545.4	744.1	696.4	668.3	471.3	484.4	443.4			
G80.0	491.7	666.9	621.0	598.9	424.2	429.3	394.6			
G81.0	443.1	594.9	542.2	530.3	369.4	372.5	345.8			
G82.0	394.5	531.5	483.1	478.2	327.4	312.3	301.2			
G83.0	342.6	469.8	418.8	413.2	279.4	261.5	258.3			
G84.0	286.3	412.3	352.9	352.4	222.0	197.9	209.5			
G85.0	233.5	330.0	289.5	290.8	169.7	144.5	152.3			
G86.0	188.3	269.2	233.0	223.9	120.8	100.7	102.6			
G87.0	142.3	206.6	175.6	158.8	78.8	62.8	63.9			
G88.0	87.8	145.7	121.6	101.6	36.8	44.7	44.6			
G89.0	58.8	83.1	77.1	50.3	26.6	40.4	37.9			
G90.0	41.7	25.7	27.4	24.3	27.4	19.8	26.9			
G91.0	32.4	24.0	24.0	15.6	17.1	24.1	28.6			
G92.0	27.3	24.9	19.7	13.9	21.4	23.2	30.3			
G93.0	23.0	20.6	25.7	17.4	20.6	17.2	25.2			
G94.0	25.6	17.1	23.1	17.4	17.1	21.5	24.4			
G95.0	28.1	18.0	23.1	8.7	15.4	18.1	20.2			
G96.0	24.7	18.0	18.8	12.1	18.0	17.2	10.9			
G97.0	18.7	13.7	22.3	12.1	17.1	18.1	22.7			
G98.0	22.2	16.3	15.4	13.0	12.9	12.0	18.5			
G99.0	24.7	16.3	12.9	12.1	12.0	11.2	16.8			
G100.0	19.6	17.1	18.0	16.5	9.4	16.3	21.0			
G101.0	22.2	15.4	18.8	15.6	14.6	13.8	16.0			
G102.0	23.0	18.0	18.8	12.1	14.6	18.1	16.0			
G103.0	23.9	18.9	18.8	14.8	12.9	12.9	16.8			
G104.0	25.6	18.9	23.1	16.5	16.3	11.2	15.1			
G105.0	18.7	20.6	17.1	15.6	14.6	13.8	14.3			
G106.0	19.6	17.1	21.4	10.4	13.7	11.2	16.8			
G107.0	23.0	17.1	19.7	13.9	18.0	18.1	16.0			
G108.0	19.6	18.9	23.1	15.6	16.3	12.9	15.1			
G109.0	11.9	15.4	21.4	17.4	13.7	12.0	18.5			
G110.0	19.6	18.9	22.3	13.9	12.9	14.6	12.6			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.9 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 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	16.2	14.6	24.0	11.3	15.4	10.3	14.3			
G112.0	22.2	14.6	22.3	13.0	12.0	15.5	11.8			
G113.0	21.3	13.7	19.7	17.4	13.7	18.1	15.1			
G114.0	19.6	17.1	20.6	13.0	12.9	19.8	18.5			
G115.0	18.7	19.7	24.8	16.5	12.0	19.8	15.1			
G116.0	23.0	15.4	19.7	18.2	16.3	15.5	15.1			
G117.0	19.6	18.0	27.4	16.5	15.4	15.5	14.3			
G118.0	21.3	18.9	21.4	15.6	17.1	17.2	19.4			
G119.0	18.7	16.3	24.0	19.1	15.4	15.5	20.2			
G120.0	19.6	18.0	21.4	18.2	18.0	18.1	16.8			
G121.0	25.6	18.0	24.8	9.6	15.4	12.0	20.2			
G122.0	24.7	18.0	27.4	19.1	22.3	14.6	16.0			
G123.0	24.7	19.7	26.6	19.1	18.8	19.8	16.0			
G124.0	21.3	22.3	28.3	16.5	18.8	18.1	14.3			
G125.0	24.7	23.1	26.6	22.6	16.3	14.6	11.8			
G126.0	24.7	21.4	23.1	21.7	18.8	17.2	20.2			
G127.0	24.7	24.9	23.1	19.1	19.7	20.6	17.7			
G128.0	24.7	18.9	30.8	20.8	21.4	18.9	16.8			
G129.0	22.2	25.7	29.1	18.2	22.3	17.2	12.6			
G130.0	27.3	22.3	32.6	22.6	18.8	18.9	20.2			
G131.0	25.6	25.7	30.8	26.9	21.4	18.9	8.4			
G132.0	30.7	27.4	22.3	18.2	26.6	18.9	23.6			
G133.0	30.7	24.9	35.1	22.6	25.7	23.2	21.0			
G134.0	25.6	25.7	36.0	26.0	30.0	22.4	19.4			
G135.0	27.3	28.3	34.3	26.0	30.0	21.5	23.6			
G136.0	19.6	32.6	40.3	23.4	29.1	24.1	12.6			
G137.0	28.1	30.9	41.1	26.0	28.3	21.5	22.7			
G138.0	22.2	34.3	20.6	18.2	26.6	28.4	19.4			
G139.0	29.8	25.7	42.8	27.8	29.1	24.9	23.6			
G140.0	29.0	34.3	46.3	28.6	30.0	24.1	27.8			
G141.0	34.9	33.4	43.7	24.3	36.8	30.1	26.9			
G142.0	40.0	38.6	45.4	31.2	38.6	33.5	27.8			
G143.0	36.6	33.4	44.5	31.2	36.8	31.0	26.9			
G144.0	34.9	38.6	42.0	31.2	38.6	29.3	32.8			
G145.0	41.7	35.1	42.8	33.8	41.1	32.7	27.8			
G146.0	38.3	35.1	48.8	35.6	37.7	30.1	32.0			
G147.0	36.6	42.0	42.0	30.4	42.8	37.0	37.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.9 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 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	40.0	41.1	42.8	29.5	43.7	39.6	39.5			
G149.0	38.3	42.9	49.7	35.6	30.9	41.3	42.1			
G150.0	44.3	41.1	52.3	38.2	44.6	30.1	34.5			
G151.0	43.5	37.7	48.8	25.2	44.6	34.4	40.4			
G152.0	47.7	40.3	56.5	39.9	34.3	47.3	39.5			
G153.0	45.2	43.7	47.1	37.3	45.4	40.4	33.7			
G154.0	44.3	42.9	52.3	39.1	44.6	46.5	47.1			
G155.0	38.3	41.1	49.7	33.8	39.4	37.0	42.9			
G156.0	43.5	43.7	43.7	39.1	48.9	48.2	50.5			
G157.0	46.9	49.7	51.4	33.8	49.7	49.9	40.4			
G158.0	46.0	50.6	44.5	32.1	51.4	48.2	49.6			
G159.0	52.0	45.4	57.4	34.7	48.9	47.3	51.3			
G160.0	40.9	45.4	48.8	37.3	46.3	52.5	29.4			
G161.0	50.3	52.3	51.4	35.6	49.7	46.5	54.7			
G162.0	49.4	48.0	55.7	26.0	43.7	55.9	52.2			
G163.0	43.5	54.0	59.1	46.9	55.7	58.5	56.4			
G164.0	50.3	45.4	65.1	47.7	59.1	61.9	55.5			
G165.0	54.5	46.3	55.7	41.7	57.4	51.6	57.2			
G166.0	57.1	51.4	57.4	41.7	54.0	55.1	58.1			
G167.0	55.4	55.7	65.1	48.6	51.4	63.7	52.2			
G168.0	54.5	54.0	63.4	39.1	53.1	55.9	58.1			
G169.0	50.3	59.2	61.7	48.6	59.1	49.0	63.1			
G170.0	61.3	57.4	57.4	39.1	56.6	59.4	58.1			
G171.0	62.2	50.6	58.2	49.5	55.7	61.1	61.4			
G172.0	66.5	53.1	60.8	39.1	55.7	33.5	54.7			
G173.0	60.5	60.0	52.3	36.5	45.4	60.2	63.1			
G174.0	63.1	61.7	66.8	46.0	57.4	55.9	60.6			
G175.0	60.5	54.0	65.1	45.1	45.4	55.9	54.7			
G176.0	57.9	62.6	51.4	40.8	54.0	55.1	57.2			
G177.0	61.3	54.9	62.5	42.5	54.8	42.2	40.4			
G178.0	58.8	60.9	56.5	39.1	54.0	48.2	58.1			
G179.0	62.2	54.9	58.2	33.0	52.3	55.9	54.7			
G180.0	54.5	51.4	64.2	39.1	56.6	53.3	58.1			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.9 'C
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 15.469 m [K=1.0000]
 Humidity:
 Inspector:

LED Average Luminance Report

Avg.L	cd/m ²
L 0-180(65) av	21763.82
L 0-180(75) av	19177.74
L 0-180(85) av	15375.05
L 90-270(65) av	39133.22
L 90-270(75) av	26696.08
L 90-270(85) av	19506.49
L 45(65) av	25579.26
L 45(75) av	18802.72
L 45(85) av	14216.18

Standard: GB/T 29293-2012