

Report No.:

Test Time: 2021-6-25 09:33

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 2.475 A

Power Factor: 0.999

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 296.73 W

Photometric Results

CIE Class: Direct

Measurement Flux: 40051.4 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 125.4, 124.9, 125.8, 124.3

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 86.9, 87.2, 86.3, 87.3

Luminaire Efficacy Rating (LER): 135.03

Max. Intensity: 19941.47 cd

S/MH(C0/C180): 1.40

Total Rated Lamp Lumens: 40051.4 lm

Efficiency: 100%

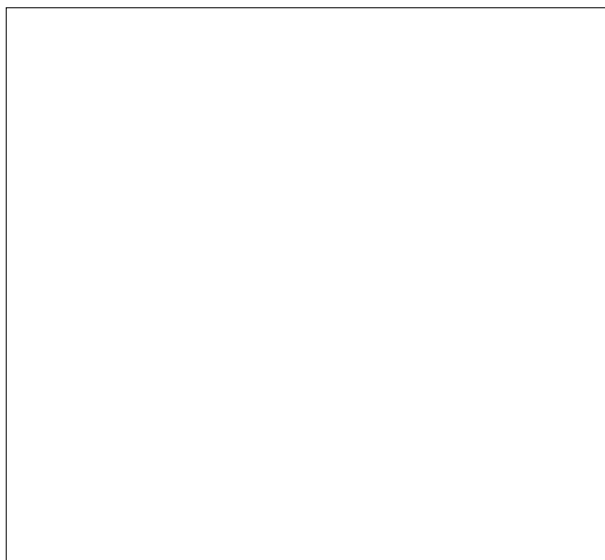
Upward Ratio: 0%

C0r0 Intensity: 19465.48 cd

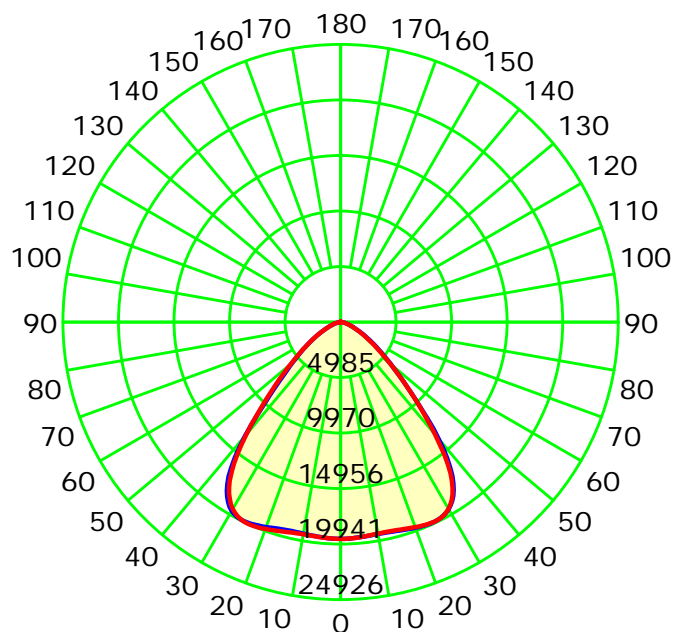
Pos of Max. Intensity: H292.5 V25

S/MH(C90/C270): 1.39

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 87.1°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

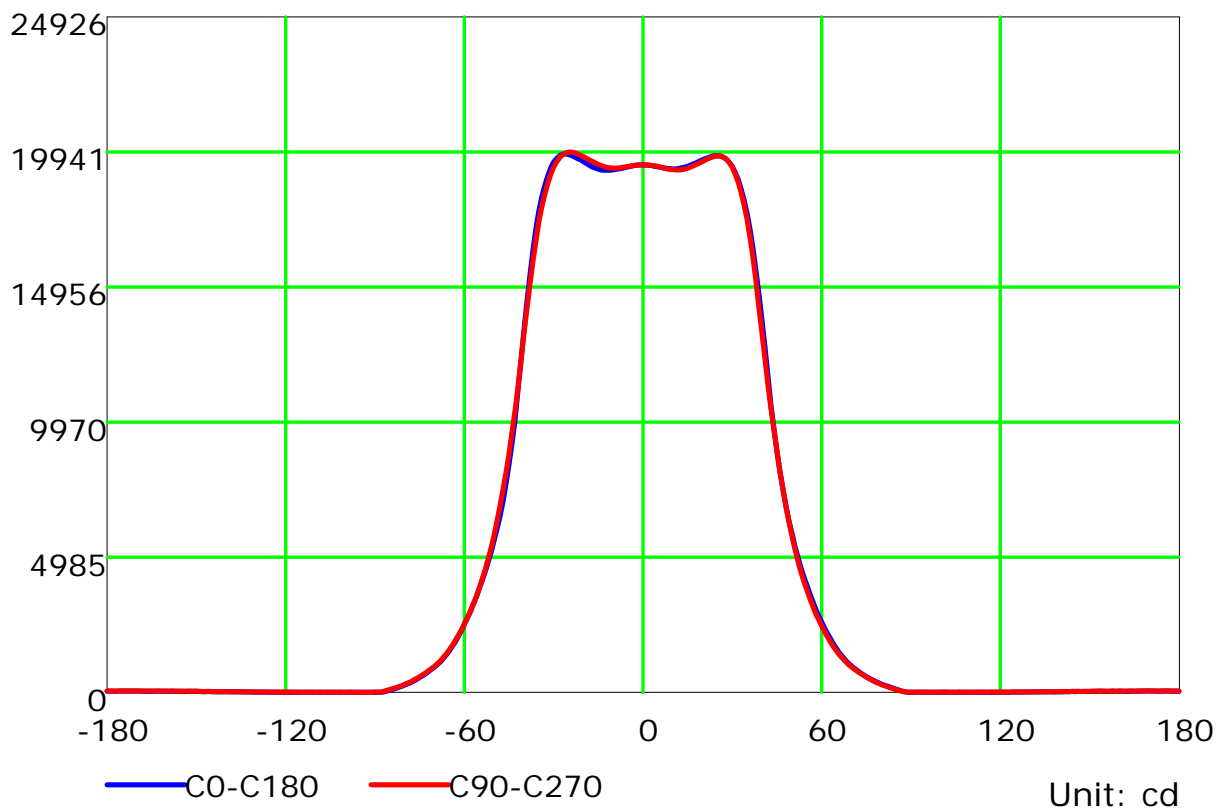
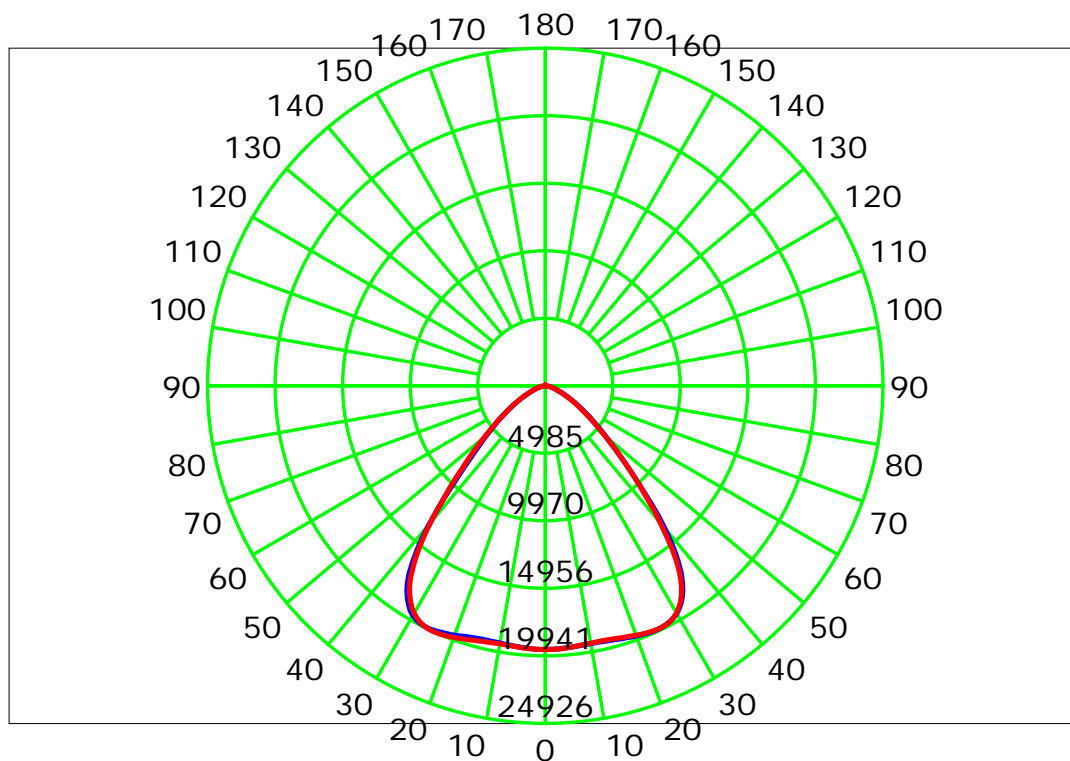
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

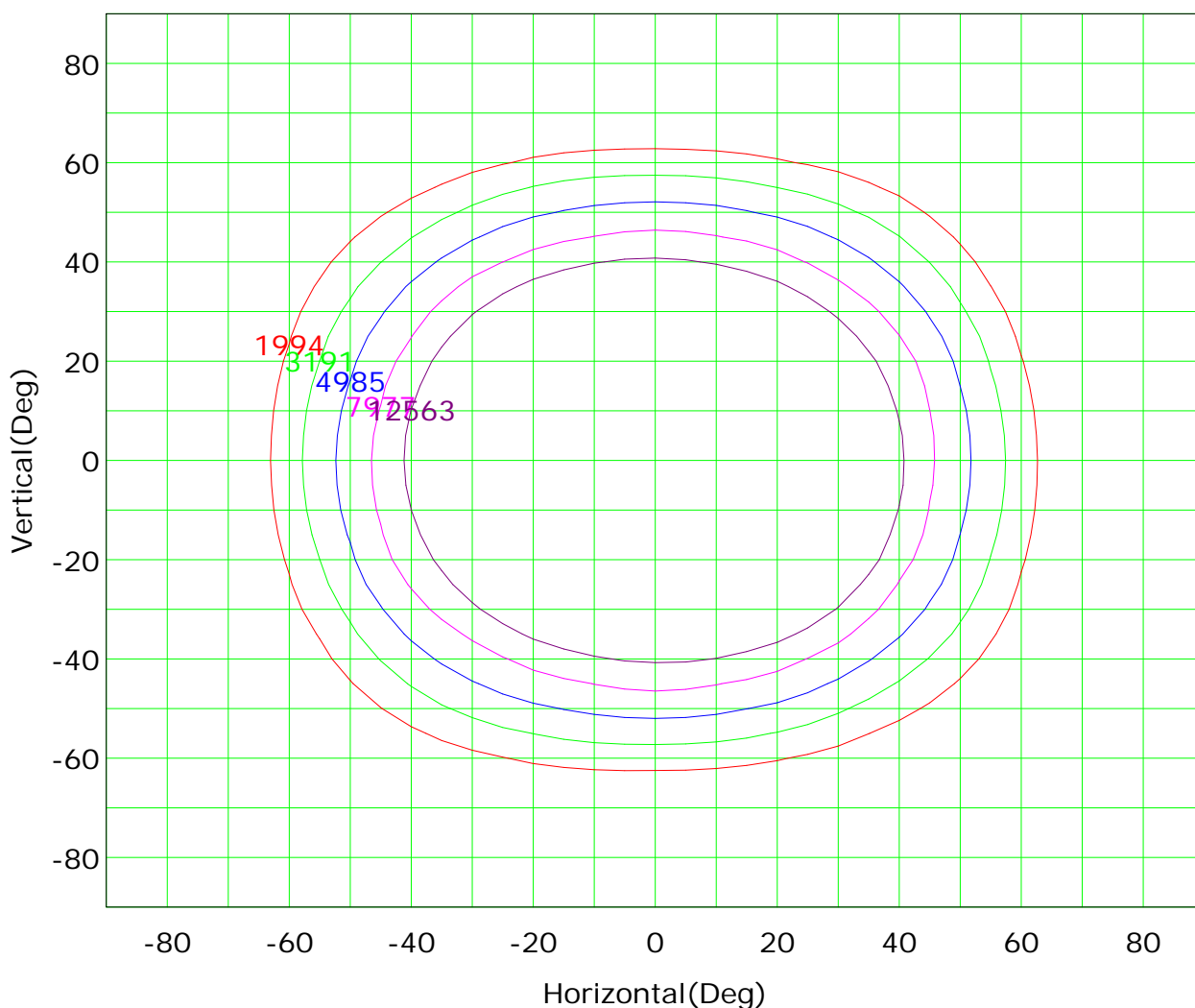
Luminous Intensity Distribution Curve



C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.7 °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)



Imax (100%): 19941 cd

- | | |
|------------------|------------------|
| (10%): 1994 cd | (16%): 3191 cd |
| (25%): 4985 cd | (40%): 7977 cd |
| (63%): 12563 cd | (100%): 19941 cd |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

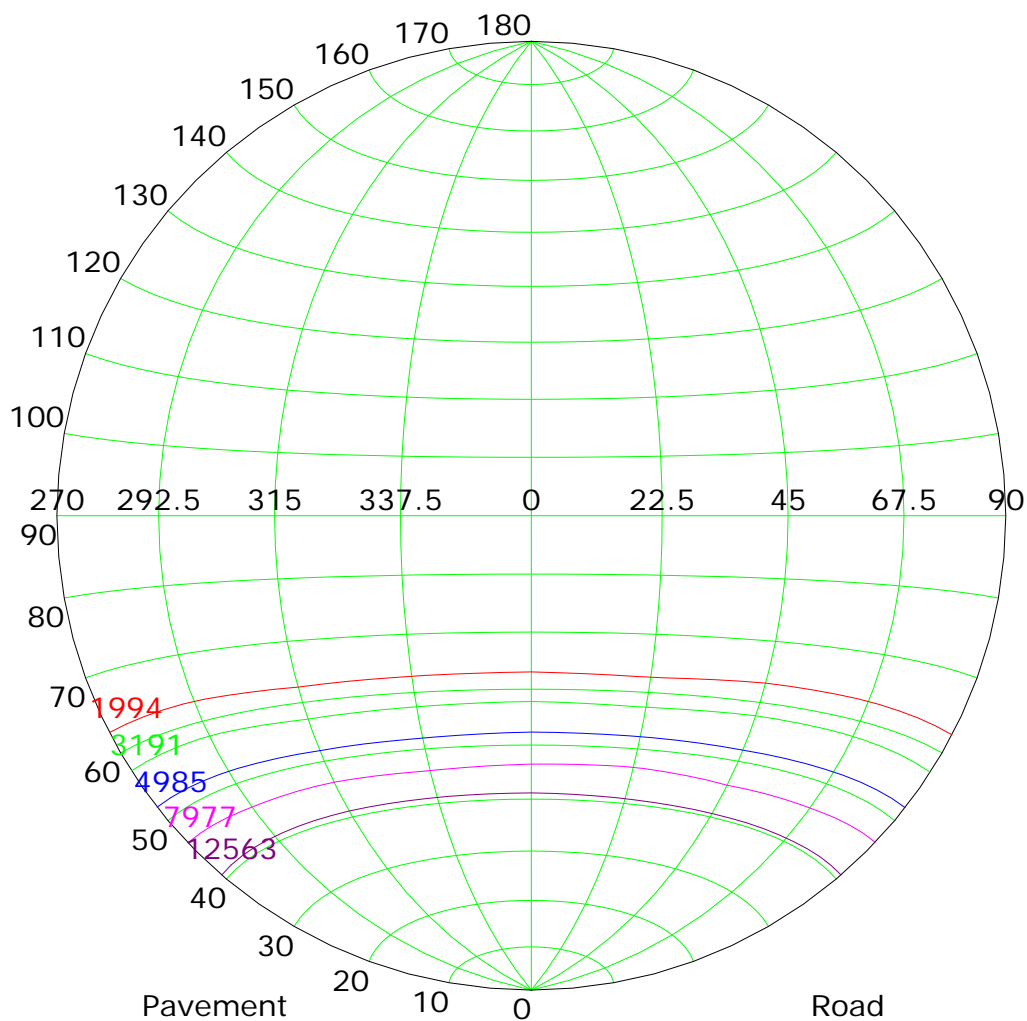
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 19941 cd

(10%): 1994 cd	(16%): 3191 cd
(25%): 4985 cd	(40%): 7977 cd
(63%): 12563 cd	(100%): 19941 cd

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

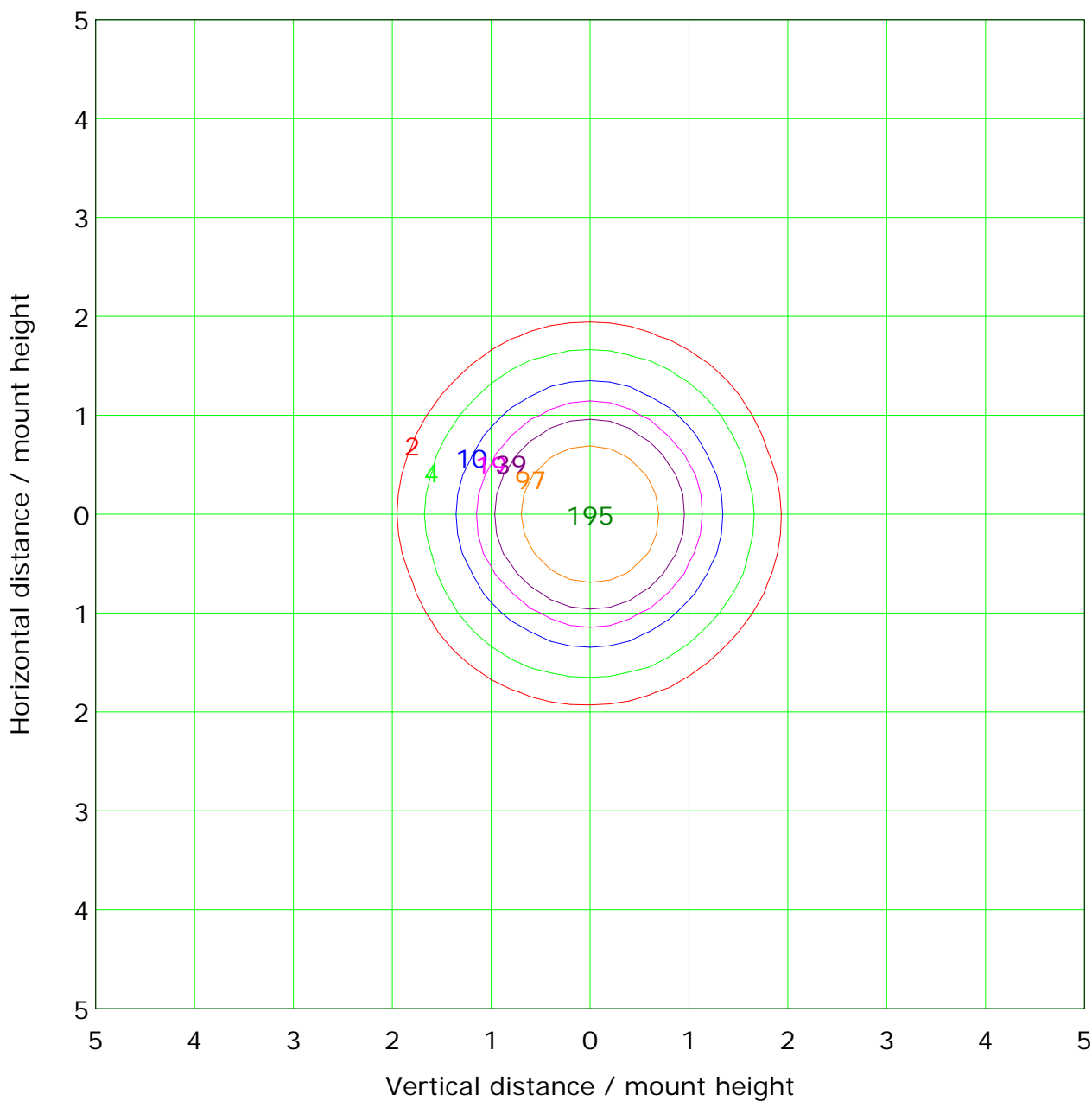
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 194.7 lx	
— (1%):	1.9 lx	— (2%):	3.9 lx
— (5%):	9.7 lx	— (10%):	19.5 lx
— (20%):	38.9 lx	— (50%):	97.3 lx
— (100%):	194.7 lx		

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

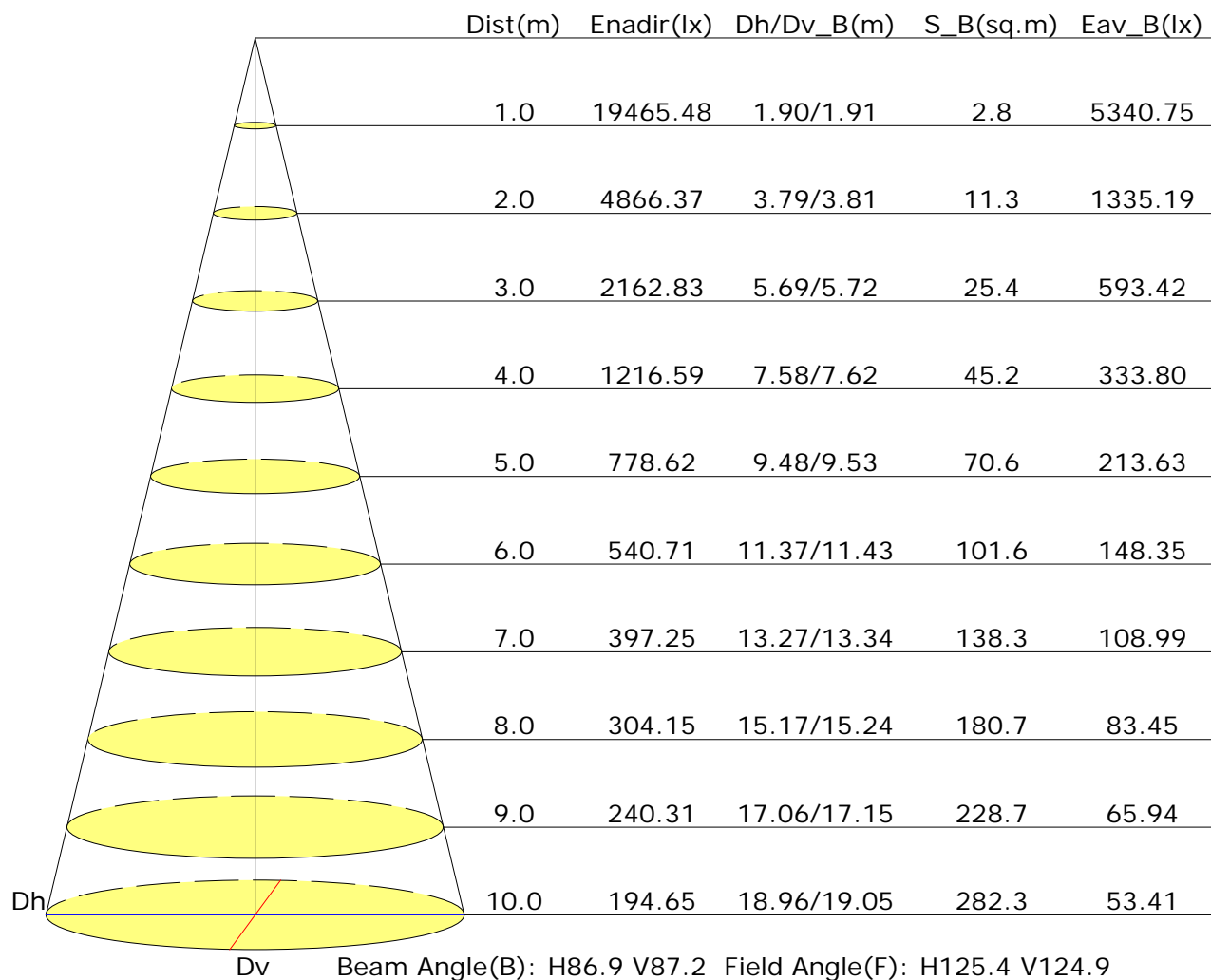
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

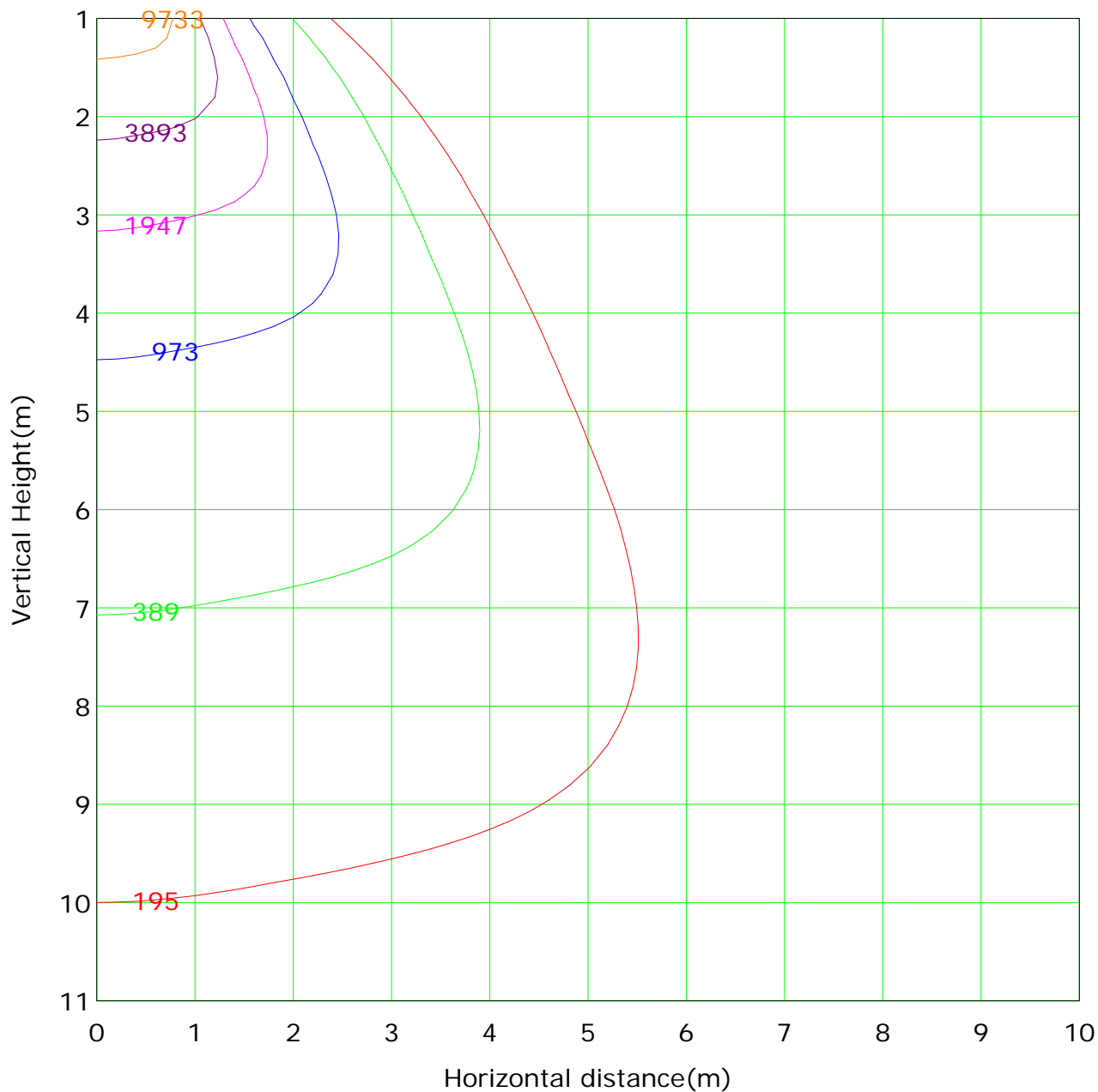
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.7 '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: 19465.5 lx

(1%): 194.7 lx	(2%): 389.3 lx
(5%): 973.3 lx	(10%): 1946.5 lx
(20%): 3893.1 lx	(50%): 9732.7 lx
(100%): 19465.5 lx	

C Plane (°): 0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 °C

Operator:

Gamma Plane (°): 0.0-180.0: 1.0

Test Device: GPM-3000

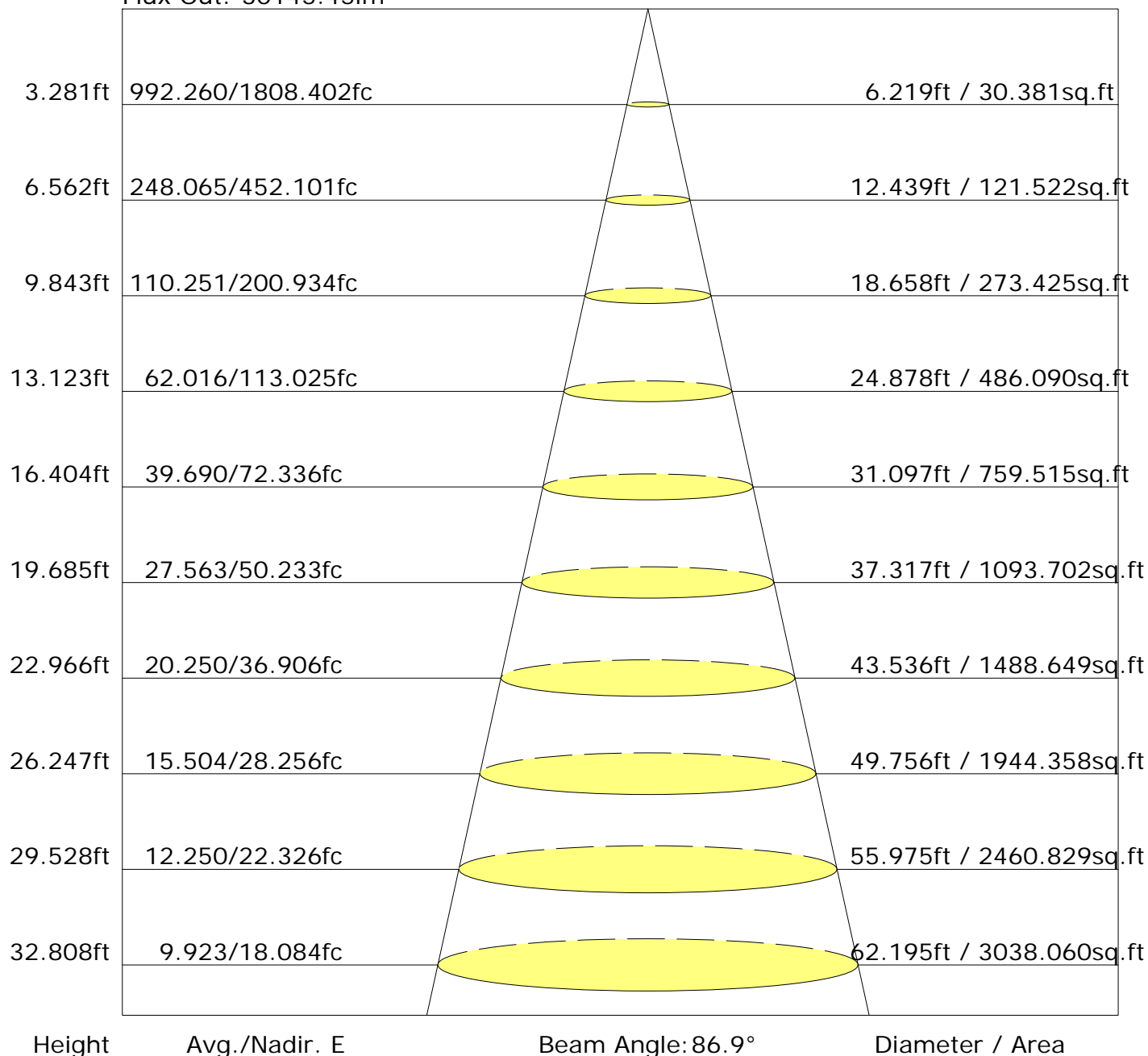
Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

The Average Illuminance Effective Figure

Flux Out: 30145.45lm



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.7 'C
Operator:

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

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	19464.7	18.6	18.6	0.05	0.05
1.0-2.0	19460.6	55.9	74.5	0.14	0.19
2.0-3.0	19450.3	93.0	167.5	0.23	0.42
3.0-4.0	19434.0	130.1	297.6	0.32	0.74
4.0-5.0	19413.6	167.0	464.7	0.42	1.16
5.0-6.0	19391.1	203.8	668.5	0.51	1.67
6.0-7.0	19368.3	240.4	908.9	0.60	2.27
7.0-8.0	19347.6	276.9	1185.8	0.69	2.96
8.0-9.0	19330.5	313.3	1499.2	0.78	3.74
9.0-10.0	19317.9	349.6	1848.8	0.87	4.62
10.0-11.0	19310.2	385.9	2234.7	0.96	5.58
11.0-12.0	19311.3	422.2	2656.9	1.05	6.63
12.0-13.0	19322.2	458.6	3115.5	1.15	7.78
13.0-14.0	19341.7	495.1	3610.7	1.24	9.02
14.0-15.0	19371.0	531.9	4142.5	1.33	10.34
15.0-16.0	19409.2	568.8	4711.3	1.42	11.76
16.0-17.0	19455.4	605.9	5317.3	1.51	13.28
17.0-18.0	19507.3	643.3	5960.5	1.61	14.88
18.0-19.0	19561.9	680.7	6641.2	1.70	16.58
19.0-20.0	19618.1	718.1	7359.3	1.79	18.37
20.0-21.0	19674.4	755.6	8114.9	1.89	20.26
21.0-22.0	19726.9	792.8	8907.8	1.98	22.24
22.0-23.0	19773.1	829.8	9737.5	2.07	24.31
23.0-24.0	19810.1	866.2	10603.8	2.16	26.48
24.0-25.0	19833.3	901.9	11505.7	2.25	28.73
25.0-26.0	19836.5	936.5	12442.2	2.34	31.07
26.0-27.0	19812.3	969.4	13411.6	2.42	33.49
27.0-28.0	19755.9	1000.4	14412.0	2.50	35.98
28.0-29.0	19659.7	1028.7	15440.7	2.57	38.55
29.0-30.0	19516.0	1053.9	16494.5	2.63	41.18
30.0-31.0	19320.0	1075.3	17569.8	2.68	43.87
31.0-32.0	19062.6	1092.2	18662.1	2.73	46.60
32.0-33.0	18736.4	1104.0	19766.0	2.76	49.35
33.0-34.0	18340.4	1110.1	20876.1	2.77	52.12
34.0-35.0	17856.0	1109.1	21985.2	2.77	54.89
35.0-36.0	17265.4	1099.5	23084.7	2.75	57.64

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	16574.5	1081.1	24165.8	2.70	60.34
37.0-38.0	15786.4	1053.9	25219.7	2.63	62.97
38.0-39.0	14893.9	1016.7	26236.4	2.54	65.51
39.0-40.0	13923.5	971.2	27207.6	2.42	67.93
40.0-41.0	12904.2	919.0	28126.6	2.29	70.23
41.0-42.0	11853.5	861.3	28987.9	2.15	72.38
42.0-43.0	10831.4	802.5	29790.4	2.00	74.38
43.0-44.0	9890.9	746.6	30537.0	1.86	76.24
44.0-45.0	9051.4	695.7	31232.7	1.74	77.98
45.0-46.0	8307.6	649.8	31882.5	1.62	79.60
46.0-47.0	7635.5	607.4	32489.9	1.52	81.12
47.0-48.0	7026.3	568.1	33058.0	1.42	82.54
48.0-49.0	6470.3	531.4	33589.4	1.33	83.87
49.0-50.0	5963.1	497.2	34086.6	1.24	85.11
50.0-51.0	5506.1	465.9	34552.5	1.16	86.27
51.0-52.0	5084.4	436.3	34988.9	1.09	87.36
52.0-53.0	4694.3	408.4	35397.3	1.02	88.38
53.0-54.0	4333.5	382.0	35779.3	0.95	89.33
54.0-55.0	3996.5	356.8	36136.1	0.89	90.22
55.0-56.0	3683.7	332.9	36469.0	0.83	91.06
56.0-57.0	3395.2	310.5	36779.5	0.78	91.83
57.0-58.0	3125.4	289.1	37068.5	0.72	92.55
58.0-59.0	2871.5	268.5	37337.0	0.67	93.22
59.0-60.0	2633.3	248.8	37585.8	0.62	93.84
60.0-61.0	2408.8	229.9	37815.7	0.57	94.42
61.0-62.0	2196.9	211.7	38027.4	0.53	94.95
62.0-63.0	2000.1	194.6	38222.0	0.49	95.43
63.0-64.0	1815.8	178.2	38400.2	0.44	95.88
64.0-65.0	1645.3	162.8	38563.0	0.41	96.28
65.0-66.0	1491.7	148.9	38711.9	0.37	96.66
66.0-67.0	1354.3	136.2	38848.1	0.34	97.00
67.0-68.0	1228.4	124.5	38972.6	0.31	97.31
68.0-69.0	1111.5	113.4	39086.0	0.28	97.59
69.0-70.0	1008.4	103.6	39189.5	0.26	97.85
70.0-71.0	914.9	94.6	39284.1	0.24	98.08
71.0-72.0	830.3	86.3	39370.5	0.22	98.30

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	752.9	78.7	39449.2	0.20	98.50
73.0-74.0	678.2	71.3	39520.5	0.18	98.67
74.0-75.0	606.7	64.1	39584.6	0.16	98.83
75.0-76.0	540.2	57.4	39642.0	0.14	98.98
76.0-77.0	478.2	51.0	39693.0	0.13	99.11
77.0-78.0	419.5	44.9	39737.9	0.11	99.22
78.0-79.0	366.9	39.4	39777.3	0.10	99.32
79.0-80.0	320.0	34.5	39811.8	0.09	99.40
80.0-81.0	276.3	29.9	39841.7	0.07	99.48
81.0-82.0	236.2	25.6	39867.3	0.06	99.54
82.0-83.0	198.0	21.5	39888.9	0.05	99.59
83.0-84.0	158.8	17.3	39906.1	0.04	99.64
84.0-85.0	120.3	13.1	39919.3	0.03	99.67
85.0-86.0	85.2	9.3	39928.6	0.02	99.69
86.0-87.0	53.3	5.8	39934.4	0.01	99.71
87.0-88.0	28.2	3.1	39937.5	0.01	99.72
88.0-89.0	13.4	1.5	39939.0	0.00	99.72
89.0-90.0	8.5	0.9	39939.9	0.00	99.72
90.0-91.0	7.3	0.8	39940.7	0.00	99.72
91.0-92.0	6.5	0.7	39941.4	0.00	99.73
92.0-93.0	6.2	0.7	39942.1	0.00	99.73
93.0-94.0	5.8	0.6	39942.8	0.00	99.73
94.0-95.0	5.8	0.6	39943.4	0.00	99.73
95.0-96.0	5.6	0.6	39944.0	0.00	99.73
96.0-97.0	6.1	0.7	39944.7	0.00	99.73
97.0-98.0	6.7	0.7	39945.4	0.00	99.74
98.0-99.0	5.9	0.6	39946.0	0.00	99.74
99.0-100.0	5.7	0.6	39946.6	0.00	99.74
100.0-101.0	7.0	0.8	39947.4	0.00	99.74
101.0-102.0	7.4	0.8	39948.2	0.00	99.74
102.0-103.0	6.2	0.7	39948.9	0.00	99.74
103.0-104.0	6.2	0.7	39949.5	0.00	99.75
104.0-105.0	6.6	0.7	39950.2	0.00	99.75
105.0-106.0	6.3	0.7	39950.9	0.00	99.75
106.0-107.0	6.7	0.7	39951.6	0.00	99.75
107.0-108.0	6.8	0.7	39952.3	0.00	99.75

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	7.2	0.7	39953.0	0.00	99.75
109.0-110.0	7.3	0.8	39953.8	0.00	99.76
110.0-111.0	7.2	0.7	39954.5	0.00	99.76
111.0-112.0	7.7	0.8	39955.3	0.00	99.76
112.0-113.0	8.5	0.9	39956.2	0.00	99.76
113.0-114.0	8.4	0.8	39957.0	0.00	99.76
114.0-115.0	8.5	0.8	39957.9	0.00	99.77
115.0-116.0	8.8	0.9	39958.8	0.00	99.77
116.0-117.0	9.2	0.9	39959.7	0.00	99.77
117.0-118.0	9.6	0.9	39960.6	0.00	99.77
118.0-119.0	9.6	0.9	39961.5	0.00	99.78
119.0-120.0	10.3	1.0	39962.5	0.00	99.78
120.0-121.0	11.0	1.0	39963.5	0.00	99.78
121.0-122.0	11.1	1.0	39964.6	0.00	99.78
122.0-123.0	11.2	1.0	39965.6	0.00	99.79
123.0-124.0	11.4	1.0	39966.6	0.00	99.79
124.0-125.0	12.5	1.1	39967.8	0.00	99.79
125.0-126.0	14.0	1.3	39969.0	0.00	99.79
126.0-127.0	15.3	1.4	39970.4	0.00	99.80
127.0-128.0	15.8	1.4	39971.8	0.00	99.80
128.0-129.0	14.8	1.3	39973.0	0.00	99.80
129.0-130.0	16.1	1.4	39974.4	0.00	99.81
130.0-131.0	17.6	1.5	39975.9	0.00	99.81
131.0-132.0	18.2	1.5	39977.3	0.00	99.82
132.0-133.0	20.1	1.6	39979.0	0.00	99.82
133.0-134.0	21.2	1.7	39980.7	0.00	99.82
134.0-135.0	21.6	1.7	39982.4	0.00	99.83
135.0-136.0	22.8	1.8	39984.1	0.00	99.83
136.0-137.0	24.4	1.8	39985.9	0.00	99.84
137.0-138.0	25.5	1.9	39987.8	0.00	99.84
138.0-139.0	27.0	2.0	39989.8	0.00	99.85
139.0-140.0	27.4	2.0	39991.8	0.00	99.85
140.0-141.0	27.7	1.9	39993.7	0.00	99.86
141.0-142.0	29.4	2.0	39995.7	0.01	99.86
142.0-143.0	30.7	2.1	39997.7	0.01	99.87
143.0-144.0	32.3	2.1	39999.9	0.01	99.87

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	33.5	2.1	40002.0	0.01	99.88
145.0-146.0	34.4	2.1	40004.1	0.01	99.88
146.0-147.0	36.1	2.2	40006.3	0.01	99.89
147.0-148.0	36.2	2.1	40008.4	0.01	99.89
148.0-149.0	37.1	2.1	40010.6	0.01	99.90
149.0-150.0	39.1	2.2	40012.7	0.01	99.90
150.0-151.0	40.3	2.2	40014.9	0.01	99.91
151.0-152.0	40.9	2.1	40017.1	0.01	99.91
152.0-153.0	42.0	2.1	40019.2	0.01	99.92
153.0-154.0	43.6	2.1	40021.3	0.01	99.93
154.0-155.0	43.4	2.0	40023.4	0.01	99.93
155.0-156.0	43.1	2.0	40025.3	0.00	99.94
156.0-157.0	44.1	1.9	40027.3	0.00	99.94
157.0-158.0	45.2	1.9	40029.2	0.00	99.94
158.0-159.0	45.4	1.8	40031.0	0.00	99.95
159.0-160.0	45.6	1.8	40032.7	0.00	99.95
160.0-161.0	46.5	1.7	40034.4	0.00	99.96
161.0-162.0	47.2	1.6	40036.1	0.00	99.96
162.0-163.0	48.0	1.6	40037.7	0.00	99.97
163.0-164.0	48.6	1.5	40039.2	0.00	99.97
164.0-165.0	48.4	1.4	40040.6	0.00	99.97
165.0-166.0	47.7	1.3	40041.9	0.00	99.98
166.0-167.0	49.1	1.3	40043.2	0.00	99.98
167.0-168.0	50.7	1.2	40044.4	0.00	99.98
168.0-169.0	50.4	1.1	40045.5	0.00	99.99
169.0-170.0	50.5	1.0	40046.5	0.00	99.99
170.0-171.0	51.7	0.9	40047.4	0.00	99.99
171.0-172.0	52.2	0.8	40048.2	0.00	99.99
172.0-173.0	51.7	0.7	40049.0	0.00	99.99
173.0-174.0	51.4	0.6	40049.6	0.00	100.00
174.0-175.0	50.9	0.5	40050.2	0.00	100.00
175.0-176.0	50.7	0.4	40050.6	0.00	100.00
176.0-177.0	50.0	0.3	40050.9	0.00	100.00
177.0-178.0	48.0	0.2	40051.2	0.00	100.00
178.0-179.0	47.9	0.1	40051.3	0.00	100.00
179.0-180.0	48.2	0.0	40051.3	0.00	100.00

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 °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

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	19465.5	19465.5	19465.5	19465.5	19465.5	19465.5	19465.5	19465.5	19465.5	19465.5
G1.0	19457.6	19462.6	19461.9	19461.9	19471.2	19461.2	19464.0	19472.0	19465.5	19466.2
G2.0	19454.8	19453.3	19454.7	19451.1	19462.6	19453.2	19459.0	19463.3	19458.3	19465.5
G3.0	19441.2	19442.6	19446.8	19431.7	19450.4	19437.4	19443.1	19449.6	19440.5	19456.9
G4.0	19410.5	19425.4	19425.3	19411.6	19436.7	19422.3	19428.0	19431.6	19419.8	19436.1
G5.0	19395.4	19403.2	19402.4	19390.1	19410.9	19403.6	19397.7	19402.0	19394.7	19415.4
G6.0	19381.9	19376.8	19378.0	19352.0	19379.2	19378.4	19371.1	19380.3	19373.3	19395.4
G7.0	19357.6	19352.4	19352.3	19334.8	19346.9	19348.1	19347.3	19350.0	19344.0	19366.7
G8.0	19341.9	19336.7	19329.3	19313.3	19323.9	19321.5	19318.5	19324.7	19326.1	19346.0
G9.0	19330.4	19318.8	19309.2	19288.1	19301.6	19304.2	19297.6	19299.4	19305.4	19333.8
G10.0	19319.0	19312.4	19297.1	19277.4	19292.3	19279.0	19270.9	19276.3	19287.6	19322.4
G11.0	19319.7	19311.7	19285.6	19270.2	19280.8	19268.9	19241.3	19256.8	19270.4	19315.2
G12.0	19334.0	19315.2	19302.8	19279.5	19282.9	19261.7	19233.4	19250.3	19273.3	19319.5
G13.0	19359.0	19331.7	19325.7	19300.3	19288.0	19263.1	19223.3	19246.0	19268.3	19328.8
G14.0	19385.4	19361.0	19355.1	19327.6	19310.9	19265.3	19229.1	19254.0	19279.7	19357.4
G15.0	19421.2	19404.7	19391.7	19366.4	19341.1	19289.1	19238.5	19267.7	19311.1	19391.1
G16.0	19460.5	19449.0	19439.0	19413.1	19389.3	19322.9	19266.6	19300.2	19350.4	19437.6
G17.0	19506.9	19502.0	19506.3	19466.2	19436.0	19359.6	19304.1	19331.2	19390.4	19497.0
G18.0	19549.8	19564.2	19566.5	19533.0	19485.6	19405.0	19345.8	19371.6	19449.8	19547.0
G19.0	19605.5	19625.0	19624.6	19589.0	19535.9	19456.1	19395.6	19424.3	19518.4	19594.3
G20.0	19655.6	19678.0	19694.8	19665.8	19592.7	19503.7	19446.7	19482.1	19591.2	19662.2
G21.0	19700.6	19724.5	19750.7	19734.7	19655.9	19555.5	19495.7	19540.6	19653.4	19720.9
G22.0	19739.9	19773.1	19807.3	19785.0	19701.2	19606.6	19550.5	19602.7	19701.3	19776.7
G23.0	19777.7	19806.8	19845.3	19831.7	19745.8	19657.0	19608.2	19661.9	19762.0	19817.5
G24.0	19801.3	19827.5	19871.1	19874.0	19778.1	19685.8	19658.6	19712.4	19817.0	19849.7
G25.0	19811.3	19839.7	19887.6	19877.6	19799.7	19711.0	19699.7	19760.0	19852.8	19861.9
G26.0	19794.2	19811.1	19867.5	19864.7	19794.7	19719.7	19734.3	19791.8	19875.6	19846.1
G27.0	19747.7	19747.4	19808.7	19810.1	19753.7	19707.4	19733.6	19813.5	19859.2	19800.3
G28.0	19676.3	19640.8	19717.7	19728.3	19682.5	19665.7	19703.3	19799.0	19807.8	19718.0
G29.0	19561.9	19495.5	19548.6	19583.2	19551.7	19579.3	19650.7	19740.5	19710.6	19594.3
G30.0	19404.7	19296.6	19334.3	19359.9	19376.4	19461.9	19550.5	19633.0	19570.5	19421.1
G31.0	19189.7	19032.6	19079.9	19087.8	19127.7	19283.3	19391.3	19492.2	19365.4	19159.2
G32.0	18923.8	18714.2	18717.3	18740.3	18825.1	19036.3	19184.4	19277.1	19059.6	18855.2
G33.0	18575.1	18330.7	18323.9	18323.8	18442.7	18720.9	18891.1	18983.9	18715.9	18464.5
G34.0	18147.8	17868.5	17835.1	17877.2	17979.9	18355.1	18517.1	18646.1	18287.9	18003.7
G35.0	17649.8	17313.3	17210.2	17287.7	17432.2	17853.2	18063.0	18178.2	17758.4	17450.0
G36.0	17074.5	16670.8	16571.0	16615.7	16770.2	17203.7	17509.6	17545.8	17113.8	16727.3

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 °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

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	16335.0	15948.9	15835.0	15771.3	16012.0	16493.0	16791.1	16848.4	16285.0	15974.6
G38.0	15543.9	15136.1	14990.8	14919.7	15158.1	15679.3	16009.8	16004.4	15405.3	15122.5
G39.0	14658.6	14188.1	14053.4	14011.4	14151.2	14752.5	14977.1	15005.2	14417.1	14182.3
G40.0	13696.8	13319.5	13151.1	13074.4	13219.7	13648.6	13909.1	13925.2	13348.8	13215.0
G41.0	12723.5	12449.4	12096.9	12023.2	12299.7	12595.1	12779.8	12631.4	12244.1	12235.5
G42.0	11649.6	11520.0	11074.3	11071.1	11323.7	11431.4	11649.7	11356.4	11162.2	11205.9
G43.0	10613.4	10620.7	10155.6	10076.7	10492.1	10318.9	10568.7	10269.2	10086.1	10359.5
G44.0	9728.8	9825.0	9193.1	9233.0	9690.7	9392.9	9568.4	9263.5	9207.9	9605.4
G45.0	8888.5	9060.9	8406.2	8466.9	8897.2	8675.6	8684.2	8401.5	8425.4	8816.2
G46.0	8163.9	8406.9	7690.3	7807.0	8164.8	7919.6	7908.7	7727.1	7728.0	8137.9
G47.0	7505.8	7705.1	7079.7	7157.2	7518.0	7266.4	7280.3	7071.6	7064.2	7471.1
G48.0	6926.3	7079.7	6555.9	6633.1	6874.7	6714.1	6656.9	6582.8	6534.0	6843.6
G49.0	6338.9	6453.0	6113.7	6119.7	6321.3	6169.0	6093.3	6086.1	6058.8	6273.4
G50.0	5890.9	5904.9	5650.7	5685.3	5788.0	5704.6	5578.0	5652.2	5617.9	5721.7
G51.0	5422.1	5406.9	5271.6	5267.4	5313.6	5264.6	5150.7	5224.1	5188.5	5252.4
G52.0	5009.8	4959.7	4901.8	4909.1	4865.8	4855.6	4715.4	4830.6	4823.3	4836.0
G53.0	4629.0	4537.6	4557.9	4523.5	4482.7	4490.5	4345.0	4464.6	4468.9	4445.3
G54.0	4272.4	4187.7	4243.2	4208.3	4114.0	4129.7	3999.8	4136.1	4138.0	4089.7
G55.0	3968.7	3823.6	3904.3	3873.0	3789.9	3824.4	3667.5	3805.4	3835.1	3732.0
G56.0	3661.4	3512.3	3625.5	3587.2	3489.5	3527.7	3385.7	3523.2	3514.9	3430.0
G57.0	3363.5	3243.3	3357.5	3303.6	3192.6	3236.1	3106.8	3247.4	3252.0	3155.3
G58.0	3084.1	2970.0	3103.1	3045.1	2913.0	2976.1	2851.7	2998.3	2987.6	2887.0
G59.0	2823.3	2713.8	2868.0	2816.1	2688.8	2718.3	2613.2	2762.2	2743.2	2645.9
G60.0	2598.2	2492.0	2612.9	2579.1	2456.6	2499.4	2394.1	2540.6	2517.4	2394.0
G61.0	2367.4	2262.4	2397.2	2370.2	2247.5	2268.3	2185.1	2305.9	2281.6	2189.4
G62.0	2162.3	2053.4	2192.9	2159.1	2039.0	2064.5	1985.5	2106.0	2078.7	1998.3
G63.0	1981.5	1879.6	2005.9	1955.9	1860.8	1885.9	1819.0	1917.5	1872.9	1798.0
G64.0	1781.4	1690.7	1802.4	1777.1	1680.4	1698.0	1641.0	1739.2	1713.5	1628.4
G65.0	1608.5	1529.7	1646.8	1614.1	1526.6	1547.5	1488.9	1563.8	1539.2	1481.8
G66.0	1457.7	1388.8	1488.5	1467.6	1385.7	1398.4	1350.6	1424.4	1399.8	1343.7
G67.0	1319.1	1265.7	1360.9	1330.5	1260.7	1274.6	1230.2	1298.8	1269.8	1226.3
G68.0	1195.5	1131.9	1231.9	1205.6	1147.8	1148.5	1107.0	1175.3	1139.0	1104.7
G69.0	1074.7	1031.0	1122.3	1090.7	1032.1	1043.4	999.6	1061.3	1036.8	998.1
G70.0	974.7	933.0	1013.3	985.1	939.4	949.1	912.4	971.0	943.2	910.1
G71.0	888.2	850.0	920.9	896.8	851.7	861.9	820.9	872.1	856.8	829.2
G72.0	806.0	778.5	832.0	817.1	774.8	779.1	751.7	795.6	778.9	747.7
G73.0	730.3	708.3	755.3	728.8	705.1	705.0	689.0	717.6	688.1	675.4

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 °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

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	651.7	639.6	670.8	661.3	633.2	627.9	611.9	640.4	617.4	611.7
G75.0	583.8	575.2	604.1	590.9	562.0	555.2	539.8	566.7	550.9	548.1
G76.0	520.2	515.2	541.8	517.0	497.4	490.4	479.3	498.9	483.0	488.7
G77.0	461.6	456.5	470.1	458.8	437.7	434.2	423.8	439.7	425.2	421.4
G78.0	408.0	400.0	407.8	404.2	386.0	377.3	373.3	382.6	365.9	366.3
G79.0	361.6	355.6	364.1	356.9	337.1	330.5	325.7	337.2	315.1	316.2
G80.0	312.3	304.1	310.3	303.7	291.1	293.8	286.8	293.1	273.0	284.0
G81.0	268.7	261.2	262.3	262.1	250.8	249.9	245.0	242.6	229.4	241.1
G82.0	232.2	229.0	224.3	228.3	215.6	203.8	206.8	208.6	191.5	204.6
G83.0	197.9	191.0	189.2	183.1	176.8	172.8	167.2	168.2	152.9	164.6
G84.0	154.4	153.1	150.5	140.7	136.6	131.1	127.6	129.2	115.8	127.4
G85.0	115.8	113.8	108.2	102.0	96.3	94.3	87.2	96.0	83.6	95.2
G86.0	85.0	80.1	75.2	62.5	68.3	60.5	59.8	68.6	48.6	58.7
G87.0	47.2	46.5	41.6	41.6	43.1	37.4	27.4	23.1	19.3	32.2
G88.0	28.6	27.2	25.1	18.7	16.5	18.7	18.0	14.4	0.0	7.2
G89.0	0.0	10.7	13.6	8.6	10.8	10.8	10.1	11.5	0.0	0.0
G90.0	0.0	7.9	8.6	10.0	7.9	15.1	13.0	10.1	0.0	0.0
G91.0	0.0	7.2	9.3	7.2	7.2	10.8	14.4	12.3	0.0	0.0
G92.0	0.0	0.0	10.0	10.0	10.8	9.4	11.5	10.8	0.0	0.0
G93.0	7.2	0.0	11.5	0.0	9.3	10.8	12.3	11.5	0.0	0.0
G94.0	0.0	7.2	12.2	0.0	10.1	9.4	13.7	7.2	0.0	0.0
G95.0	0.0	0.0	0.0	11.5	12.2	8.6	10.8	10.8	0.0	0.0
G96.0	0.0	0.0	7.2	0.0	10.8	7.9	11.5	10.1	0.0	0.0
G97.0	0.0	8.6	8.6	8.6	8.6	0.0	13.7	10.8	0.0	0.0
G98.0	0.0	0.0	7.2	10.0	9.3	9.4	13.0	11.5	0.0	0.0
G99.0	0.0	0.0	10.8	0.0	9.3	12.2	7.9	8.7	0.0	0.0
G100.0	0.0	0.0	10.8	8.6	10.1	11.5	11.5	7.2	0.0	0.0
G101.0	0.0	7.9	11.5	9.3	15.1	11.5	13.0	12.3	0.0	0.0
G102.0	0.0	0.0	8.6	7.9	12.2	11.5	11.5	13.7	0.0	0.0
G103.0	0.0	0.0	8.6	0.0	0.0	7.9	10.1	11.5	0.0	0.0
G104.0	0.0	0.0	10.0	7.9	9.3	13.7	10.8	11.5	0.0	0.0
G105.0	0.0	7.9	10.0	9.3	0.0	7.9	12.3	10.1	0.0	0.0
G106.0	0.0	0.0	9.3	7.9	15.1	11.5	10.1	9.4	0.0	0.0
G107.0	0.0	0.0	11.5	12.2	10.8	13.7	10.1	14.4	0.0	0.0
G108.0	0.0	7.9	0.0	0.0	11.5	10.1	13.7	15.9	0.0	0.0
G109.0	0.0	0.0	9.3	12.2	10.8	13.0	14.4	10.1	0.0	0.0
G110.0	0.0	0.0	11.5	10.0	10.8	15.1	8.6	12.3	0.0	0.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 '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

GVC	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	7.9	10.8	10.1	8.6	14.4	10.1	0.0	0.0
G112.0	0.0	7.2	11.5	12.9	9.3	9.4	12.3	12.3	0.0	0.0
G113.0	0.0	0.0	11.5	10.8	10.8	13.7	10.8	11.5	0.0	9.3
G114.0	0.0	0.0	11.5	7.9	12.9	10.1	16.6	12.3	0.0	0.0
G115.0	0.0	11.4	10.0	12.2	10.1	14.4	13.0	14.4	0.0	0.0
G116.0	0.0	0.0	11.5	12.2	10.8	13.7	10.8	15.9	0.0	0.0
G117.0	0.0	10.7	10.8	9.3	15.8	10.8	9.4	13.7	0.0	7.2
G118.0	0.0	7.2	13.6	7.9	10.8	13.0	13.0	13.0	0.0	0.0
G119.0	0.0	10.0	10.0	7.2	14.4	14.4	15.1	11.5	0.0	0.0
G120.0	0.0	9.3	12.9	9.3	11.5	10.8	11.5	15.9	0.0	8.6
G121.0	7.2	9.3	12.2	10.0	11.5	12.2	13.0	17.3	0.0	9.3
G122.0	0.0	10.7	11.5	10.8	11.5	11.5	17.3	16.6	0.0	9.3
G123.0	0.0	10.0	13.6	14.4	10.1	14.4	15.1	15.9	7.2	8.6
G124.0	8.6	7.2	14.3	14.4	18.0	12.2	15.9	17.3	0.0	0.0
G125.0	11.4	10.7	12.9	15.1	14.4	17.3	18.0	15.2	8.6	8.6
G126.0	10.0	12.9	13.6	15.8	18.7	14.4	14.4	16.6	8.6	10.7
G127.0	7.2	15.0	19.3	15.8	19.4	16.6	20.2	17.3	7.2	13.6
G128.0	12.9	16.5	13.6	14.4	13.7	15.8	19.5	17.3	10.7	12.9
G129.0	12.9	15.7	17.2	17.2	13.7	15.1	20.9	18.8	10.7	0.0
G130.0	13.6	17.2	20.8	21.5	16.5	21.6	23.1	22.4	10.0	10.7
G131.0	12.1	17.2	12.9	19.4	22.3	15.1	18.7	18.8	10.7	11.4
G132.0	15.0	19.3	17.9	18.7	25.2	20.9	20.9	24.6	13.6	10.7
G133.0	15.7	20.0	20.1	25.1	23.7	23.8	20.9	23.1	13.6	15.0
G134.0	17.9	19.3	24.4	21.5	21.6	23.0	23.8	26.7	17.1	16.5
G135.0	15.0	22.9	26.5	25.1	23.7	28.8	27.4	21.7	12.9	16.5
G136.0	18.6	22.9	23.6	24.4	25.9	26.6	30.3	23.1	17.9	17.9
G137.0	22.9	22.2	26.5	25.8	24.4	24.5	30.3	28.9	18.6	18.6
G138.0	15.7	25.0	29.4	30.9	26.6	33.1	28.8	28.2	18.6	22.2
G139.0	23.6	22.2	23.6	33.0	25.9	31.7	31.7	31.0	23.6	22.9
G140.0	22.9	26.5	27.2	28.0	29.5	30.2	28.1	27.4	24.3	20.0
G141.0	20.7	32.2	30.8	29.4	30.9	31.7	33.2	27.4	17.9	16.5
G142.0	24.3	32.2	35.8	32.3	34.5	33.1	32.4	36.1	22.1	22.9
G143.0	27.1	30.0	32.3	31.6	27.3	38.2	38.2	33.2	20.0	29.3
G144.0	32.2	32.2	34.4	30.2	36.7	36.7	40.4	40.4	27.1	29.3
G145.0	27.9	31.5	26.5	37.3	38.8	36.7	38.2	38.3	30.0	27.2
G146.0	30.7	38.6	37.3	39.5	38.1	35.3	32.4	36.1	30.7	29.3
G147.0	31.4	39.4	38.0	34.5	34.5	40.3	43.2	40.4	27.1	25.8

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 '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

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	32.9	38.6	40.1	32.3	38.8	43.2	29.6	35.4	29.3	26.5
G149.0	30.7	41.5	40.8	35.9	39.5	44.6	42.5	43.3	32.9	31.5
G150.0	35.0	39.4	40.8	37.3	38.8	46.8	38.2	45.5	37.2	34.3
G151.0	37.9	42.2	43.7	29.4	38.1	46.1	44.0	45.5	37.2	34.3
G152.0	34.3	42.9	40.8	39.5	47.4	41.0	46.1	39.7	37.9	40.8
G153.0	41.4	40.1	43.7	43.1	46.7	47.5	43.2	36.1	39.3	37.9
G154.0	40.0	41.5	48.0	46.7	48.9	49.0	47.6	44.0	30.7	35.1
G155.0	37.9	42.9	40.8	31.6	43.8	43.9	46.1	45.5	40.7	42.2
G156.0	30.0	43.6	38.0	47.4	43.8	51.1	51.9	49.1	36.4	41.5
G157.0	37.2	41.5	44.4	45.2	44.6	48.3	49.7	49.8	39.3	35.8
G158.0	41.4	39.4	52.3	44.5	51.8	51.1	48.3	52.0	42.9	29.3
G159.0	40.7	45.8	50.9	47.4	38.8	51.1	41.1	49.1	38.6	33.6
G160.0	44.3	47.2	50.2	33.7	51.0	48.3	49.0	50.5	40.0	41.5
G161.0	45.0	48.7	48.7	46.7	46.7	42.5	44.0	52.7	40.7	24.3
G162.0	40.0	48.7	50.9	48.8	46.0	50.4	54.0	41.9	45.0	42.2
G163.0	40.0	42.2	53.0	49.5	49.6	50.4	54.0	48.4	42.9	42.9
G164.0	44.3	47.9	45.9	45.2	50.3	52.6	50.4	54.1	44.3	47.2
G165.0	47.2	45.8	50.2	50.3	39.5	52.6	48.3	51.3	40.7	44.4
G166.0	43.6	44.4	42.3	50.3	49.6	42.5	49.0	52.7	39.3	46.5
G167.0	43.6	49.4	52.3	51.7	53.9	53.3	55.5	47.6	38.6	50.8
G168.0	42.9	46.5	53.7	49.5	53.9	50.4	51.2	53.4	45.0	48.7
G169.0	48.6	24.3	54.5	43.8	49.6	58.3	49.7	53.4	45.0	47.2
G170.0	48.6	47.9	46.6	43.1	55.3	55.4	55.5	48.4	47.9	45.1
G171.0	47.2	48.7	55.2	51.0	53.9	53.3	53.3	59.9	46.5	46.5
G172.0	50.0	52.9	53.0	51.7	51.0	53.3	52.6	46.2	46.5	45.8
G173.0	41.4	48.7	55.2	50.3	44.6	54.7	56.2	58.5	45.0	51.5
G174.0	46.5	50.8	54.5	55.3	53.2	54.0	50.4	50.5	49.3	43.6
G175.0	42.9	36.5	50.9	52.4	56.8	51.1	54.0	49.1	47.2	49.4
G176.0	50.0	47.9	48.7	43.8	53.9	56.2	52.6	53.4	48.6	50.1
G177.0	47.2	45.8	51.6	49.5	51.0	52.6	51.2	50.5	37.9	44.4
G178.0	37.9	46.5	44.4	47.4	53.9	43.9	36.8	49.8	44.3	47.9
G179.0	47.2	47.9	50.2	48.8	50.3	51.1	51.2	53.4	46.5	47.2
G180.0	40.7	42.9	53.7	48.1	51.8	45.4	49.0	49.1	45.0	40.8

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 '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

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	19465.5	19465.5	19465.5	19465.5	19465.5	19465.5	19465.5			
G1.0	19460.5	19459.0	19464.0	19466.9	19458.3	19470.5	19457.6			
G2.0	19448.3	19449.7	19461.2	19459.0	19455.4	19466.2	19454.8			
G3.0	19430.4	19441.1	19446.8	19444.6	19444.6	19446.0	19441.2			
G4.0	19418.2	19419.5	19429.5	19428.0	19422.2	19430.1	19410.5			
G5.0	19396.7	19399.4	19414.4	19405.0	19398.5	19412.1	19395.4			
G6.0	19384.5	19380.0	19390.7	19379.8	19381.2	19391.1	19381.9			
G7.0	19366.6	19363.5	19377.1	19360.4	19367.5	19376.0	19357.6			
G8.0	19350.8	19353.5	19355.5	19352.4	19355.2	19362.2	19341.9			
G9.0	19340.1	19344.9	19349.0	19341.6	19348.7	19350.7	19330.4			
G10.0	19337.2	19347.7	19349.0	19341.6	19348.0	19350.0	19319.0			
G11.0	19336.5	19351.3	19357.0	19349.6	19350.9	19353.6	19319.7			
G12.0	19350.1	19370.0	19374.2	19366.8	19365.3	19363.7	19334.0			
G13.0	19375.9	19393.0	19402.9	19394.2	19382.6	19384.6	19359.0			
G14.0	19411.0	19431.0	19441.8	19439.6	19412.1	19405.6	19385.4			
G15.0	19444.0	19477.0	19484.9	19479.2	19453.2	19444.5	19421.2			
G16.0	19489.1	19528.0	19537.3	19524.5	19497.9	19482.8	19460.5			
G17.0	19539.3	19587.5	19593.4	19583.6	19549.1	19531.9	19506.9			
G18.0	19595.9	19649.3	19648.8	19639.7	19607.5	19588.9	19549.8			
G19.0	19657.5	19694.5	19709.8	19702.4	19661.5	19636.6	19605.5			
G20.0	19708.4	19745.5	19766.6	19757.1	19711.2	19685.7	19655.6			
G21.0	19765.0	19807.3	19824.1	19812.6	19761.0	19730.4	19700.6			
G22.0	19814.5	19856.1	19871.6	19867.3	19804.9	19769.4	19739.9			
G23.0	19845.3	19893.4	19913.2	19901.9	19847.4	19796.9	19777.7			
G24.0	19862.5	19914.2	19937.7	19929.2	19875.5	19815.6	19801.3			
G25.0	19861.1	19901.3	19939.1	19941.5	19891.4	19818.5	19811.3			
G26.0	19830.2	19861.1	19911.1	19923.5	19877.0	19812.7	19794.2			
G27.0	19767.9	19782.8	19847.1	19871.6	19843.8	19782.4	19747.7			
G28.0	19678.3	19680.2	19737.9	19787.4	19766.0	19722.5	19676.3			
G29.0	19545.0	19526.5	19584.8	19657.0	19646.4	19622.1	19561.9			
G30.0	19345.8	19334.8	19386.4	19463.3	19484.9	19487.9	19404.7			
G31.0	19106.4	19072.0	19129.8	19236.5	19276.7	19298.0	19189.7			
G32.0	18801.9	18750.3	18782.0	18950.6	19020.8	19037.4	18923.8			
G33.0	18407.0	18314.5	18388.1	18598.5	18693.6	18713.2	18575.1			
G34.0	17944.8	17836.3	17923.1	18167.2	18295.1	18320.5	18147.8			
G35.0	17389.4	17273.4	17364.6	17583.9	17746.7	17833.9	17649.8			
G36.0	16672.0	16625.7	16647.3	16953.1	17165.8	17239.7	17074.5			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 °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

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	15937.4	15895.5	15900.6	16215.7	16468.9	16566.8	16335.0			
G38.0	15106.9	14982.2	15070.4	15399.9	15668.2	15688.2	15543.9			
G39.0	14173.8	14073.2	14161.9	14499.0	14653.5	14760.5	14658.6			
G40.0	13195.6	13113.2	13227.6	13421.8	13643.1	13723.0	13696.8			
G41.0	12061.8	12126.6	12272.4	12383.4	12586.6	12591.7	12723.5			
G42.0	11037.0	11150.1	11262.6	11327.7	11546.0	11444.5	11649.6			
G43.0	10055.9	10176.5	10413.7	10317.5	10567.3	10299.5	10613.4			
G44.0	9121.4	9376.6	9627.4	9325.9	9576.4	9379.7	9728.8			
G45.0	8412.7	8667.2	8803.1	8560.4	8780.7	8580.5	8888.5			
G46.0	7749.8	7980.1	8135.4	7865.5	8055.0	7875.9	8163.9			
G47.0	7175.8	7344.6	7512.2	7238.3	7383.3	7247.0	7505.8			
G48.0	6641.1	6743.6	6918.5	6689.6	6787.3	6640.6	6926.3			
G49.0	6094.3	6253.2	6358.6	6158.2	6181.2	6154.7	6338.9			
G50.0	5655.0	5798.0	5804.5	5734.1	5694.8	5712.1	5890.9			
G51.0	5244.4	5372.9	5349.5	5337.3	5241.5	5296.3	5422.1			
G52.0	4876.0	4928.5	4927.6	4960.7	4830.7	4865.3	5009.8			
G53.0	4527.8	4552.2	4549.6	4594.2	4455.9	4495.6	4629.0			
G54.0	4173.7	4206.9	4192.4	4230.5	4077.6	4150.6	4272.4			
G55.0	3866.3	3884.5	3838.8	3918.7	3765.5	3840.8	3968.7			
G56.0	3577.5	3561.4	3539.8	3619.9	3462.9	3521.0	3661.4			
G57.0	3306.6	3285.7	3264.5	3345.5	3195.5	3251.7	3363.5			
G58.0	3046.5	3020.7	3004.3	3082.7	2938.2	2995.4	3084.1			
G59.0	2792.0	2777.3	2765.7	2814.8	2683.8	2759.3	2823.3			
G60.0	2562.7	2544.7	2516.3	2580.8	2461.1	2529.8	2598.2			
G61.0	2351.3	2327.1	2309.3	2370.5	2260.8	2306.7	2367.4			
G62.0	2127.7	2104.5	2114.5	2153.8	2051.0	2107.4	2162.3			
G63.0	1933.5	1918.5	1928.4	1962.2	1870.2	1914.6	1981.5			
G64.0	1754.3	1740.5	1738.6	1783.7	1698.6	1734.9	1781.4			
G65.0	1601.0	1575.3	1579.8	1625.2	1545.1	1573.2	1608.5			
G66.0	1453.4	1415.9	1430.3	1470.4	1402.4	1411.4	1457.7			
G67.0	1322.2	1289.6	1300.9	1342.2	1269.8	1286.5	1319.1			
G68.0	1191.1	1171.8	1177.3	1210.5	1155.2	1167.4	1195.5			
G69.0	1086.4	1067.0	1066.6	1102.5	1045.0	1049.7	1074.7			
G70.0	989.7	965.0	968.1	995.9	954.2	955.9	974.7			
G71.0	887.9	874.5	885.5	899.4	856.9	864.9	888.2			
G72.0	804.1	798.4	808.6	815.1	776.2	788.4	806.0			
G73.0	724.5	721.6	724.5	738.1	710.6	717.6	730.3			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 °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

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	650.7	643.3	650.5	666.1	642.8	644.0	651.7			
G75.0	578.3	575.8	580.7	589.0	572.9	577.6	583.8			
G76.0	520.3	517.0	516.8	520.6	512.4	517.6	520.2			
G77.0	454.3	455.2	457.8	457.3	454.7	459.2	461.6			
G78.0	396.3	397.8	393.2	400.4	397.8	400.0	408.0			
G79.0	347.6	343.9	343.6	347.8	351.7	348.0	361.6			
G80.0	303.9	307.3	296.1	297.4	301.2	300.3	312.3			
G81.0	263.0	272.8	253.0	254.2	263.8	264.2	268.7			
G82.0	220.0	226.9	217.8	218.2	223.4	223.1	232.2			
G83.0	187.0	186.7	174.7	182.9	183.8	184.1	197.9			
G84.0	139.7	139.3	140.9	136.8	145.6	148.7	154.4			
G85.0	103.2	104.8	111.4	101.5	105.9	111.9	115.8			
G86.0	65.9	71.8	74.0	71.3	67.0	78.0	85.0			
G87.0	30.1	40.9	41.7	43.2	46.1	48.4	47.2			
G88.0	17.2	12.2	15.8	22.3	20.9	30.3	28.6			
G89.0	7.2	9.3	9.3	11.5	13.0	10.1	0.0			
G90.0	7.2	7.2	12.2	13.0	8.6	13.0	0.0			
G91.0	8.6	0.0	0.0	0.0	12.3	11.5	0.0			
G92.0	9.3	8.6	0.0	10.1	9.4	7.9	0.0			
G93.0	0.0	0.0	0.0	10.8	10.1	7.9	7.2			
G94.0	7.9	7.9	0.0	10.8	0.0	8.7	0.0			
G95.0	0.0	7.9	0.0	7.9	10.8	10.1	0.0			
G96.0	0.0	7.9	0.0	8.6	12.3	13.0	0.0			
G97.0	8.6	7.9	0.0	11.5	8.6	10.1	0.0			
G98.0	7.2	0.0	7.2	9.4	13.0	10.1	0.0			
G99.0	0.0	0.0	7.2	9.4	7.9	7.9	0.0			
G100.0	9.3	0.0	0.0	7.2	11.5	12.3	0.0			
G101.0	0.0	9.3	0.0	9.4	11.5	13.7	0.0			
G102.0	7.2	8.6	7.9	0.0	13.0	10.8	0.0			
G103.0	9.3	7.9	0.0	7.9	13.0	10.1	0.0			
G104.0	7.2	7.9	8.6	7.9	9.4	7.9	0.0			
G105.0	0.0	8.6	0.0	7.2	13.0	11.5	0.0			
G106.0	0.0	0.0	7.9	7.9	13.7	11.5	0.0			
G107.0	0.0	9.3	0.0	7.2	7.2	13.0	0.0			
G108.0	7.2	10.0	7.9	0.0	10.1	13.0	0.0			
G109.0	7.2	0.0	7.9	10.8	13.0	13.7	0.0			
G110.0	0.0	7.9	0.0	8.6	13.0	13.0	0.0			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 '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

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	9.3	9.3	9.3	11.5	7.2	11.5	0.0			
G112.0	0.0	7.9	7.2	10.8	15.1	10.8	0.0			
G113.0	8.6	11.5	10.1	10.8	10.1	16.6	0.0			
G114.0	10.8	7.9	0.0	10.1	12.3	11.5	0.0			
G115.0	7.9	9.3	10.1	12.2	12.3	9.4	0.0			
G116.0	8.6	12.2	9.3	7.9	10.1	13.0	0.0			
G117.0	8.6	12.9	10.8	12.2	10.8	14.4	0.0			
G118.0	7.9	10.0	9.3	13.7	15.9	13.7	0.0			
G119.0	7.9	10.8	12.9	11.5	16.6	15.2	0.0			
G120.0	13.6	15.8	11.5	12.2	13.7	15.9	0.0			
G121.0	10.0	10.8	12.2	14.4	13.7	15.9	7.2			
G122.0	10.8	15.8	10.1	12.2	14.4	13.0	0.0			
G123.0	10.0	10.8	13.7	13.7	10.8	15.2	0.0			
G124.0	10.8	12.2	14.4	9.4	11.5	16.6	8.6			
G125.0	12.2	17.9	7.9	18.7	13.0	16.6	11.4			
G126.0	12.9	14.4	12.9	14.4	20.2	20.2	10.0			
G127.0	15.1	20.1	16.5	16.6	20.2	19.5	7.2			
G128.0	12.9	17.9	16.5	18.0	18.7	15.2	12.9			
G129.0	7.9	17.2	14.4	19.4	15.1	9.4	12.9			
G130.0	13.6	20.1	19.4	18.0	17.3	23.8	13.6			
G131.0	18.6	20.1	18.0	18.7	19.5	19.5	12.1			
G132.0	15.1	20.8	19.4	21.6	25.2	21.7	15.0			
G133.0	18.6	21.5	20.8	23.8	23.8	24.6	15.7			
G134.0	20.8	20.1	20.8	22.3	25.9	23.1	17.9			
G135.0	21.5	23.0	23.7	21.6	14.4	21.7	15.0			
G136.0	26.5	19.4	24.4	28.8	25.9	28.2	18.6			
G137.0	19.3	26.6	23.0	29.5	26.7	27.4	22.9			
G138.0	26.5	29.4	29.5	26.6	21.6	29.6	15.7			
G139.0	22.9	31.6	26.6	29.5	31.7	31.8	23.6			
G140.0	29.4	35.2	28.7	12.2	35.3	29.6	22.9			
G141.0	25.8	35.2	28.0	26.6	29.6	34.7	20.7			
G142.0	31.5	31.6	33.1	30.2	26.7	32.5	24.3			
G143.0	32.3	33.0	25.2	29.5	32.4	32.5	27.1			
G144.0	33.7	30.9	29.5	29.5	38.9	39.0	32.2			
G145.0	33.7	31.6	25.2	32.4	38.2	39.0	27.9			
G146.0	32.3	38.1	36.7	36.0	40.4	38.3	30.7			
G147.0	38.0	40.9	30.9	38.2	43.2	38.3	31.4			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 '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

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	35.1	40.9	32.3	36.7	42.5	39.0	32.9			
G149.0	33.7	37.3	36.7	38.2	38.9	45.5	30.7			
G150.0	33.7	40.2	43.1	43.9	41.8	41.2	35.0			
G151.0	37.3	43.1	42.4	40.3	44.0	46.9	37.9			
G152.0	46.6	33.0	41.7	39.6	44.0	41.9	34.3			
G153.0	43.7	38.8	41.7	48.3	50.4	44.8	41.4			
G154.0	43.0	45.2	46.0	45.4	44.0	52.7	40.0			
G155.0	40.1	43.8	45.3	45.4	43.2	47.6	37.9			
G156.0	42.3	36.6	42.4	43.9	49.0	51.3	30.0			
G157.0	48.0	45.2	44.6	43.9	46.8	49.8	37.2			
G158.0	41.6	42.4	48.2	46.8	51.2	49.8	41.4			
G159.0	46.6	49.5	46.7	49.0	49.0	41.2	40.7			
G160.0	42.3	43.8	47.4	50.4	48.3	53.4	44.3			
G161.0	50.2	49.5	51.0	50.4	51.2	52.7	45.0			
G162.0	50.9	48.8	42.4	51.1	50.4	54.9	40.0			
G163.0	48.7	52.4	47.4	48.3	46.8	52.0	40.0			
G164.0	47.3	53.1	44.6	51.1	54.8	52.0	44.3			
G165.0	47.3	52.4	48.2	46.8	50.4	46.9	47.2			
G166.0	48.0	53.1	51.0	42.5	57.7	52.7	43.6			
G167.0	47.3	50.3	50.3	51.1	54.8	57.0	43.6			
G168.0	53.7	52.4	52.5	43.2	56.2	60.6	42.9			
G169.0	49.5	56.0	52.5	54.7	54.0	56.3	48.6			
G170.0	57.3	52.4	51.0	49.7	56.9	56.3	48.6			
G171.0	48.0	56.0	53.9	56.9	52.6	53.4	47.2			
G172.0	48.0	56.7	56.8	54.7	59.1	54.9	50.0			
G173.0	53.7	54.6	55.3	53.3	56.2	43.3	41.4			
G174.0	49.5	55.3	52.5	38.9	57.7	59.2	46.5			
G175.0	49.5	48.1	56.1	54.7	57.7	51.3	42.9			
G176.0	50.2	53.1	48.2	53.3	57.7	46.9	50.0			
G177.0	49.5	54.6	51.0	52.6	49.7	47.6	47.2			
G178.0	43.7	51.0	51.0	51.8	42.5	54.9	37.9			
G179.0	42.3	46.7	47.4	54.0	49.0	52.0	47.2			
G180.0	43.0	53.8	48.2	51.8	45.4	49.1	40.7			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.7 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector: