

Report No.:

Test Time: 2022-6-27 17:32

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 1.374 A
Power Factor: 0.995

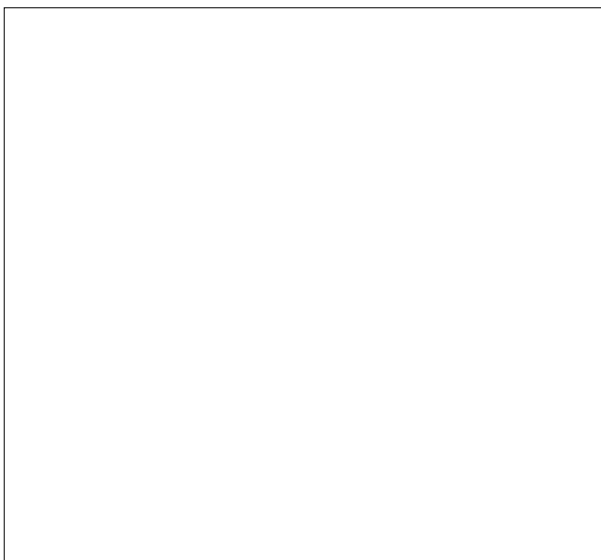
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 164.22 W

Photometric Results

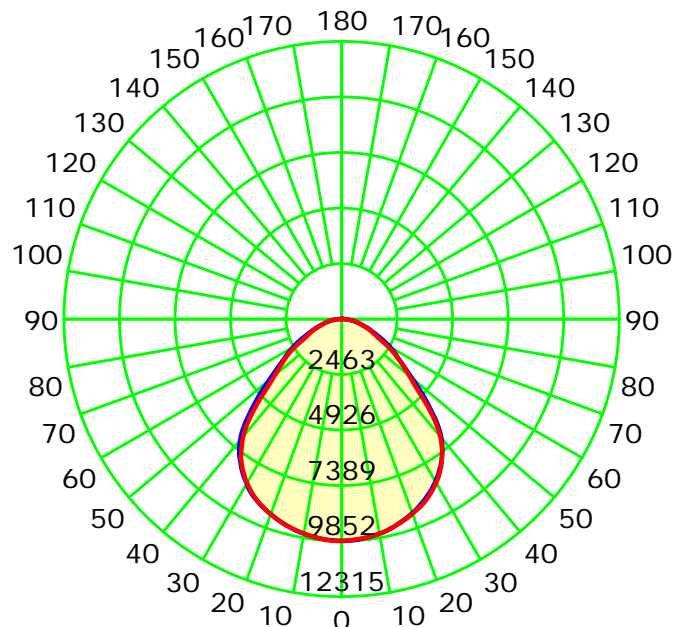
CIE Class: Direct
Measurement Flux: 23035.1 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%): H147.4,H94.4
Vertical Diffuse Angle(10%,50%): V145.6,V92.1
Luminaire Efficacy Rating (LER): 140.32
Max. Intensity: 9852.38 cd
S/MH(C0/C180): 1.26

Total Rated Lamp Lumens: 23035.1 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 9842.7 cd
Pos of Max. Intensity: H247.5 V1
S/MH(C90/C270): 1.26

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

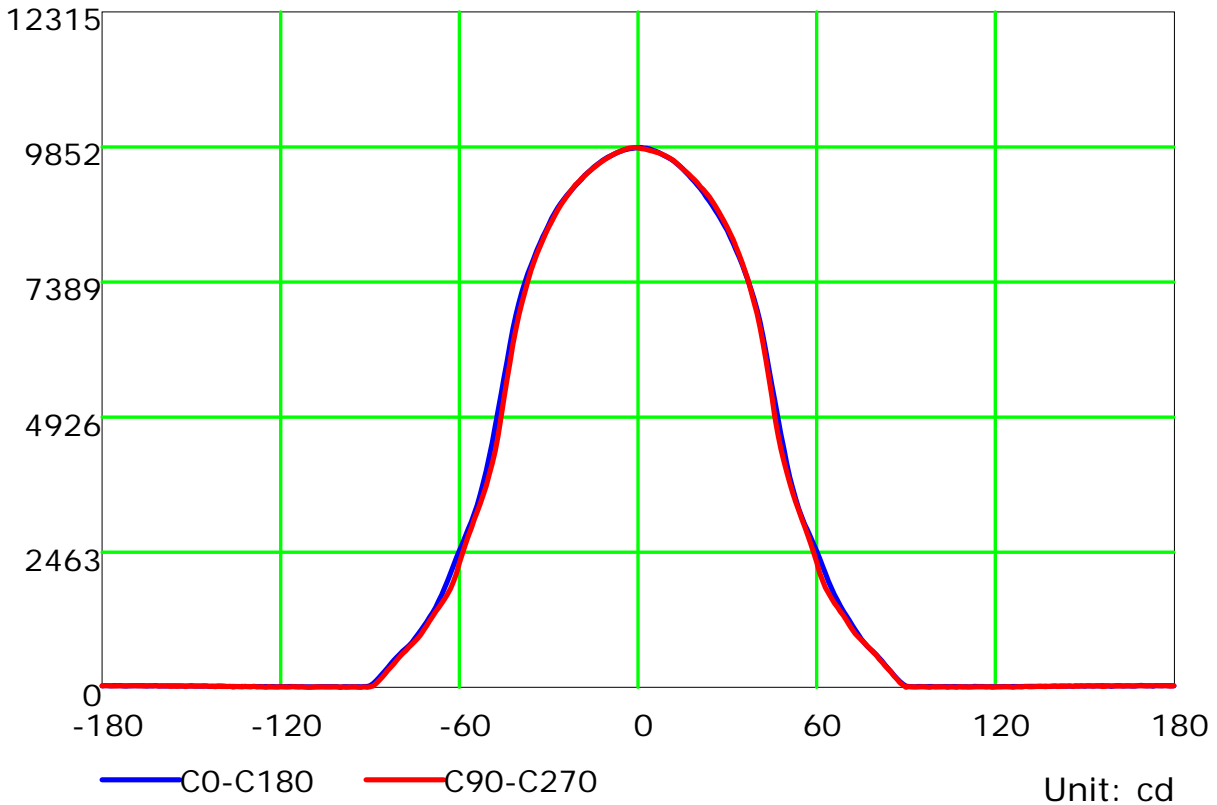
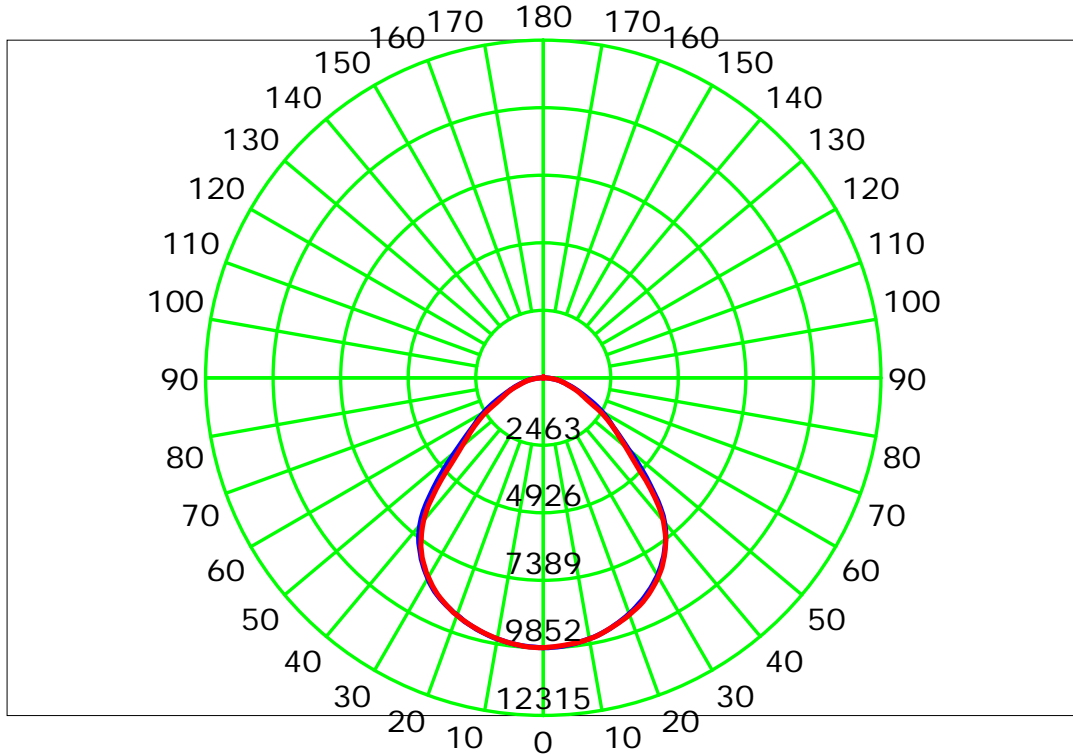
Average Diffuse Angle(50%): 93.2°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.5 °C
Operator:

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

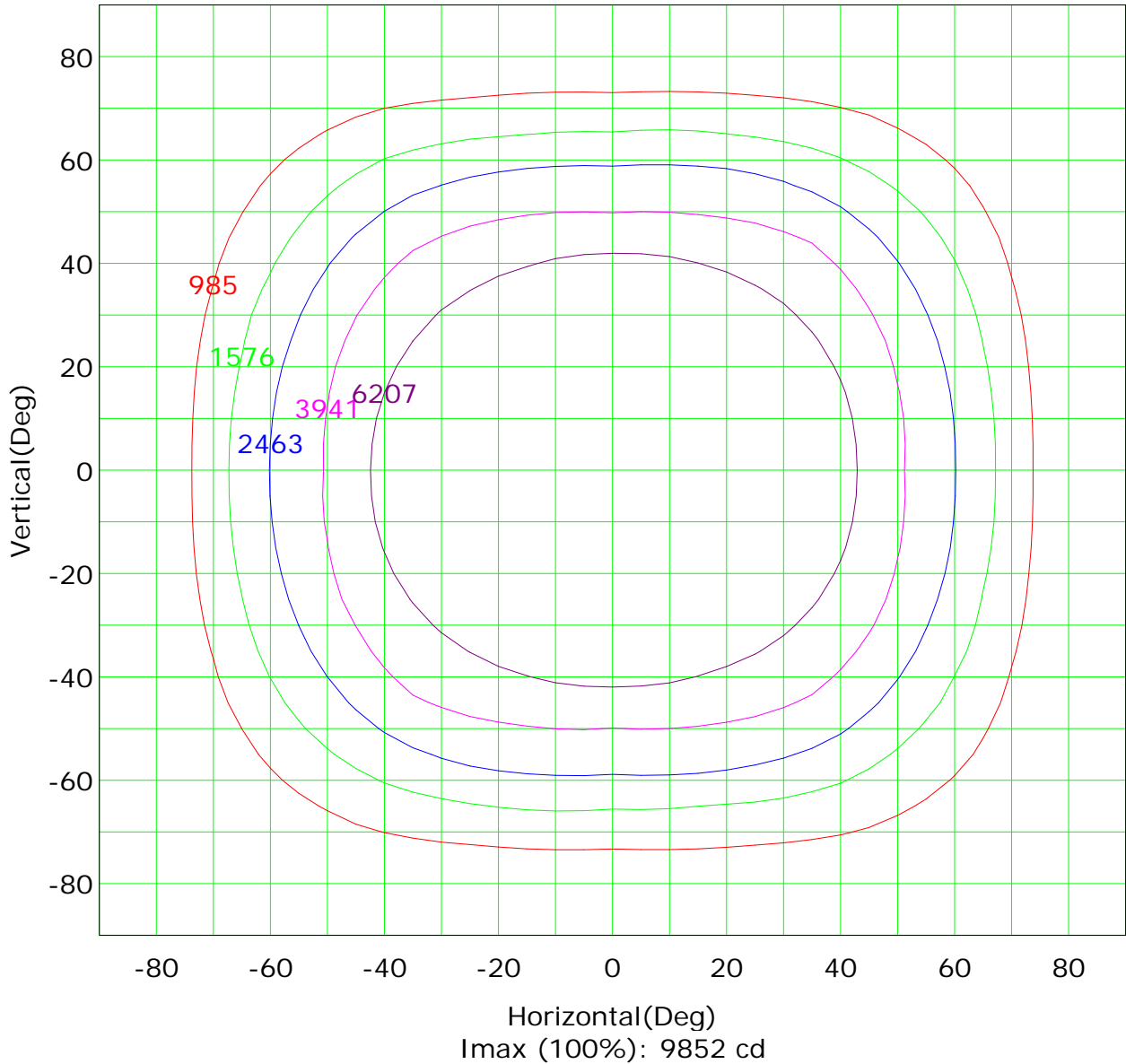
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
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Test Type: TYPE C
Temperature: 25.5 °C
Operator:

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

Isocandela (rectangle)

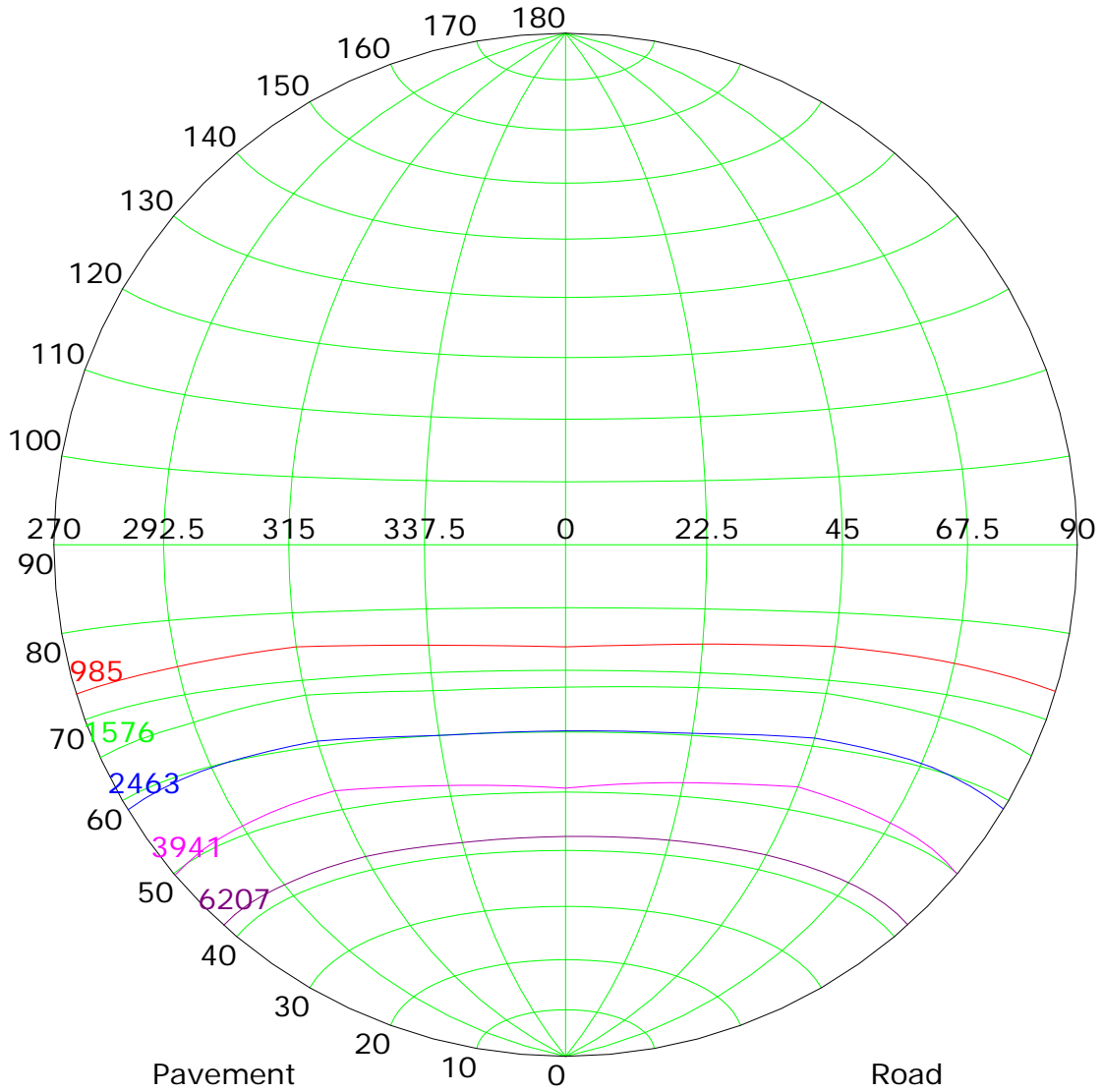


— (10%): 985 cd	— (16%): 1576 cd
— (25%): 2463 cd	— (40%): 3941 cd
— (63%): 6207 cd	— (100%): 9852 cd

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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%): 9852 cd

- | | |
|-------------------|-------------------|
| — (10%): 985 cd | — (16%): 1576 cd |
| — (25%): 2463 cd | — (40%): 3941 cd |
| — (63%): 6207 cd | — (100%): 9852 cd |

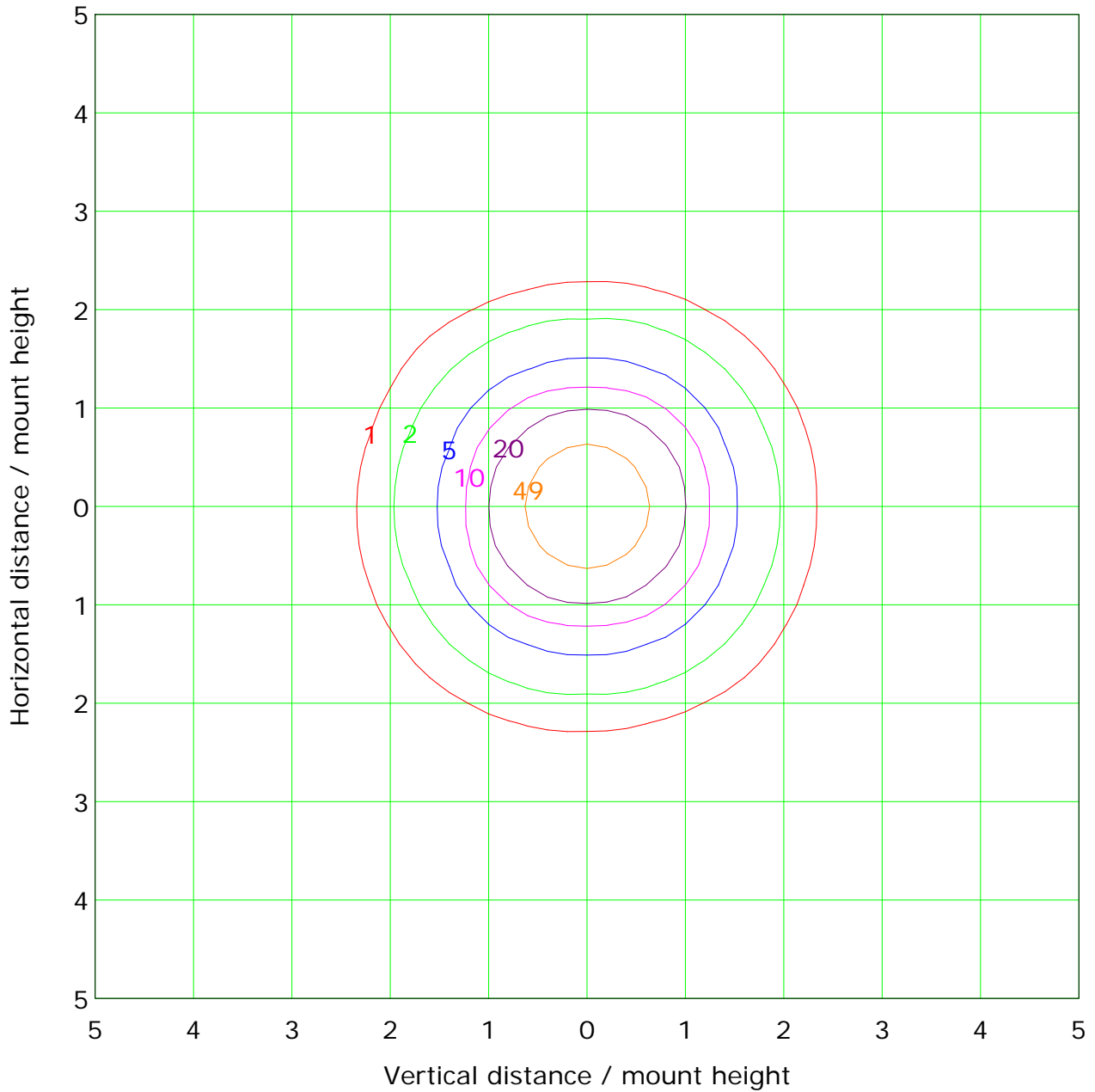
CIE: narrow - short
CIE: Semi-cut-off luminaire
Max.At90: 2.151 cd/klm

IES: Cut-off
Max.At80: 30.531 cd/klm
Max.80-90: 30.531 cd/klm

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Test Lab:
Test Type: TYPE C
Temperature: 25.5 °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

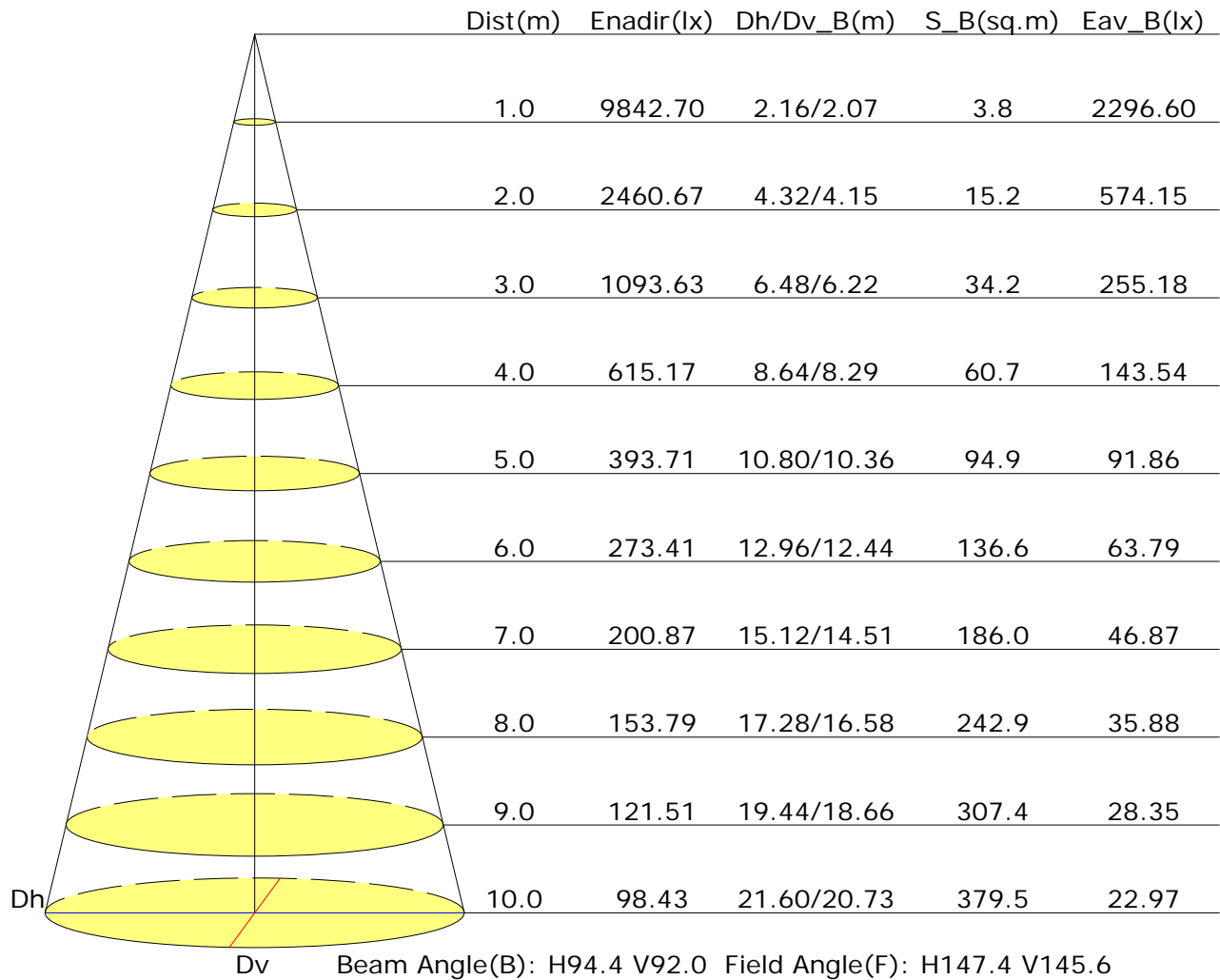


Mounting Height: 10.0m		Max Lux(100%): 98.5 lx	
— (1%):	1.0 lx	— (2%):	2.0 lx
— (5%):	4.9 lx	— (10%):	9.8 lx
— (20%):	19.7 lx	— (50%):	49.2 lx
— (100%):	98.5 lx		

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 Test Lab:
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 Test Device: GPM-3000
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 Humidity:
 Inspector:

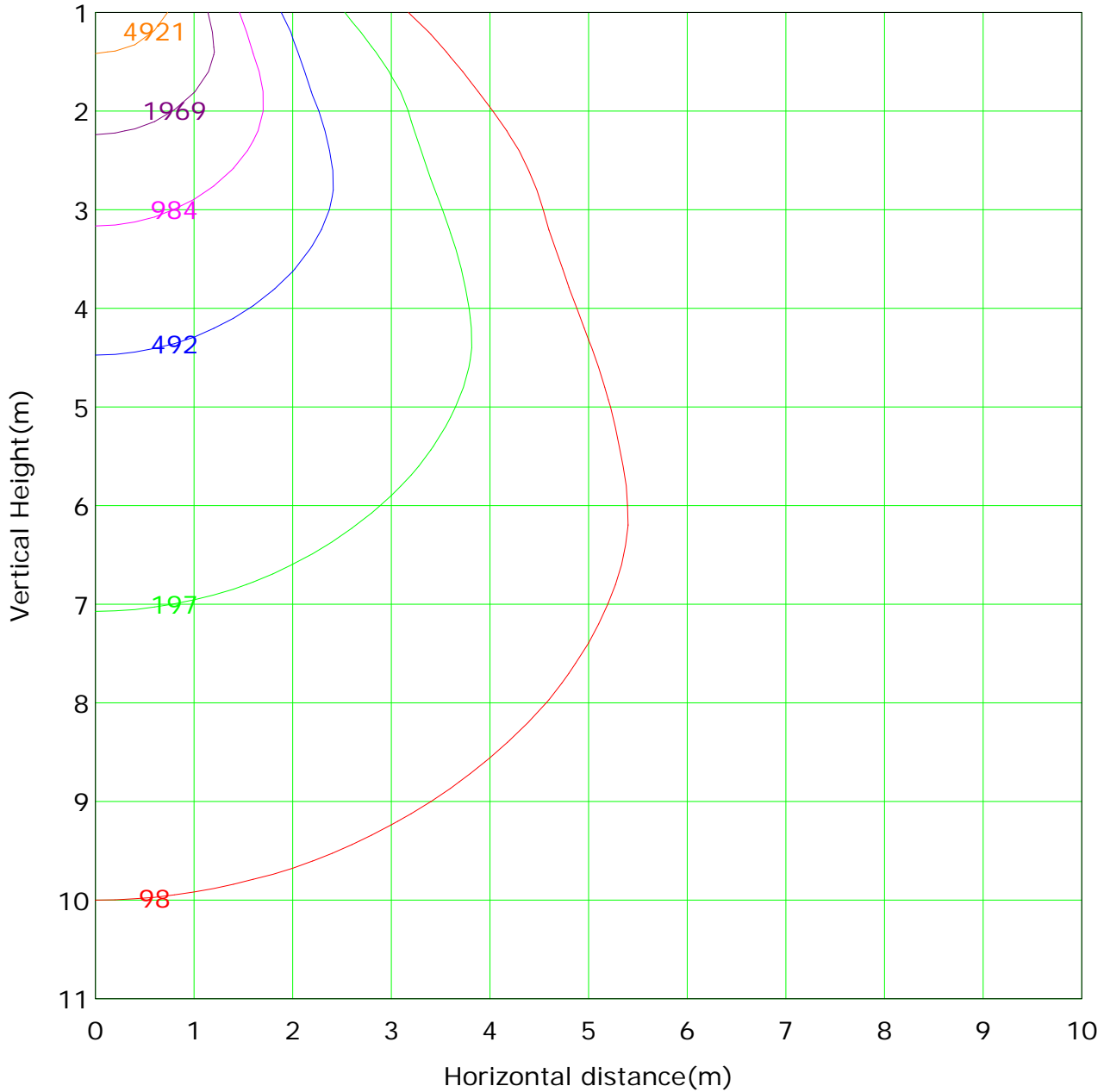
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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: 9842.7 lx

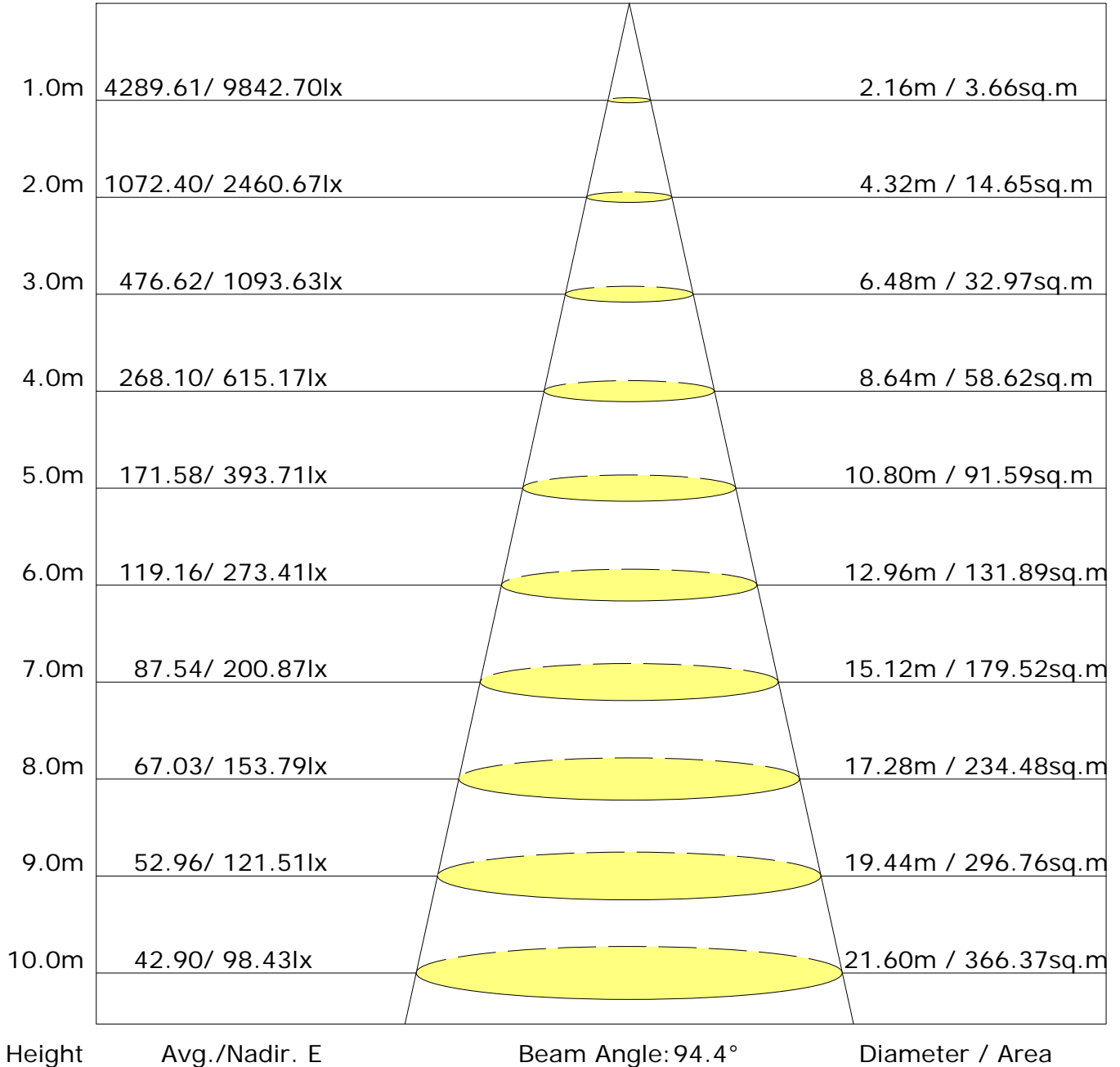
— (1%): 98.4 lx	— (2%): 196.9 lx
— (5%): 492.1 lx	— (10%): 984.3 lx
— (20%): 1968.5 lx	— (50%): 4921.3 lx
— (100%): 9842.7 lx	

C Plane (°): 0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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: 15716.07lm



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 Test Type: TYPE C
 Temperature: 25.5 °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	9841.8	9.4	9.4	0.04	0.04
1.0-2.0	9837.0	28.2	37.7	0.12	0.16
2.0-3.0	9829.7	47.0	84.7	0.20	0.37
3.0-4.0	9819.0	65.7	150.4	0.29	0.65
4.0-5.0	9804.0	84.4	234.8	0.37	1.02
5.0-6.0	9787.2	102.9	337.6	0.45	1.47
6.0-7.0	9767.2	121.3	458.9	0.53	1.99
7.0-8.0	9743.3	139.5	598.3	0.61	2.60
8.0-9.0	9717.0	157.5	755.8	0.68	3.28
9.0-10.0	9689.0	175.4	931.2	0.76	4.04
10.0-11.0	9656.2	193.0	1124.2	0.84	4.88
11.0-12.0	9621.1	210.3	1334.5	0.91	5.79
12.0-13.0	9584.3	227.5	1562.0	0.99	6.78
13.0-14.0	9544.1	244.3	1806.3	1.06	7.84
14.0-15.0	9502.1	260.9	2067.2	1.13	8.97
15.0-16.0	9457.8	277.2	2344.4	1.20	10.18
16.0-17.0	9410.1	293.1	2637.5	1.27	11.45
17.0-18.0	9360.4	308.7	2946.1	1.34	12.79
18.0-19.0	9307.4	323.9	3270.0	1.41	14.20
19.0-20.0	9248.7	338.6	3608.6	1.47	15.67
20.0-21.0	9186.2	352.8	3961.3	1.53	17.20
21.0-22.0	9120.4	366.6	4327.9	1.59	18.79
22.0-23.0	9049.4	379.8	4707.7	1.65	20.44
23.0-24.0	8974.0	392.4	5100.1	1.70	22.14
24.0-25.0	8895.9	404.5	5504.6	1.76	23.90
25.0-26.0	8812.7	416.1	5920.7	1.81	25.70
26.0-27.0	8723.4	426.8	6347.5	1.85	27.56
27.0-28.0	8631.4	437.1	6784.6	1.90	29.45
28.0-29.0	8535.5	446.6	7231.2	1.94	31.39
29.0-30.0	8433.1	455.4	7686.6	1.98	33.37
30.0-31.0	8325.7	463.4	8150.0	2.01	35.38
31.0-32.0	8213.2	470.6	8620.6	2.04	37.42
32.0-33.0	8092.7	476.8	9097.4	2.07	39.49
33.0-34.0	7967.2	482.2	9579.6	2.09	41.59
34.0-35.0	7834.0	486.6	10066.2	2.11	43.70
35.0-36.0	7688.7	489.6	10555.8	2.13	45.82

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 Test Type: TYPE C
 Temperature: 25.5 °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	7530.9	491.2	11047.1	2.13	47.96
37.0-38.0	7355.1	491.0	11538.1	2.13	50.09
38.0-39.0	7159.1	488.7	12026.8	2.12	52.21
39.0-40.0	6943.2	484.3	12511.1	2.10	54.31
40.0-41.0	6707.7	477.7	12988.8	2.07	56.39
41.0-42.0	6452.2	468.8	13457.6	2.04	58.42
42.0-43.0	6187.8	458.4	13916.1	1.99	60.41
43.0-44.0	5925.7	447.3	14363.4	1.94	62.35
44.0-45.0	5669.2	435.7	14799.1	1.89	64.25
45.0-46.0	5421.7	424.1	15223.2	1.84	66.09
46.0-47.0	5179.3	412.0	15635.2	1.79	67.88
47.0-48.0	4938.5	399.3	16034.4	1.73	69.61
48.0-49.0	4701.4	386.1	16420.6	1.68	71.29
49.0-50.0	4467.1	372.5	16793.1	1.62	72.90
50.0-51.0	4237.8	358.6	17151.7	1.56	74.46
51.0-52.0	4017.3	344.8	17496.4	1.50	75.96
52.0-53.0	3807.0	331.2	17827.6	1.44	77.39
53.0-54.0	3608.4	318.1	18145.7	1.38	78.77
54.0-55.0	3419.9	305.3	18451.0	1.33	80.10
55.0-56.0	3240.9	292.9	18743.9	1.27	81.37
56.0-57.0	3071.3	280.9	19024.8	1.22	82.59
57.0-58.0	2909.0	269.0	19293.8	1.17	83.76
58.0-59.0	2749.3	257.1	19550.9	1.12	84.87
59.0-60.0	2588.5	244.6	19795.5	1.06	85.94
60.0-61.0	2428.7	231.8	20027.3	1.01	86.94
61.0-62.0	2272.1	219.0	20246.3	0.95	87.89
62.0-63.0	2122.2	206.4	20452.7	0.90	88.79
63.0-64.0	1982.2	194.5	20647.2	0.84	89.63
64.0-65.0	1854.8	183.6	20830.8	0.80	90.43
65.0-66.0	1737.8	173.4	21004.2	0.75	91.18
66.0-67.0	1630.4	164.0	21168.2	0.71	91.90
67.0-68.0	1530.5	155.1	21323.2	0.67	92.57
68.0-69.0	1434.1	146.3	21469.5	0.64	93.20
69.0-70.0	1343.5	138.0	21607.5	0.60	93.80
70.0-71.0	1258.5	130.1	21737.6	0.56	94.37
71.0-72.0	1177.7	122.5	21860.1	0.53	94.90

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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	1103.7	115.4	21975.5	0.50	95.40
73.0-74.0	1034.5	108.8	22084.3	0.47	95.87
74.0-75.0	968.1	102.3	22186.6	0.44	96.32
75.0-76.0	904.4	96.0	22282.6	0.42	96.73
76.0-77.0	840.9	89.7	22372.3	0.39	97.12
77.0-78.0	778.8	83.4	22455.7	0.36	97.48
78.0-79.0	718.8	77.2	22532.9	0.34	97.82
79.0-80.0	658.7	71.0	22603.9	0.31	98.13
80.0-81.0	596.0	64.5	22668.4	0.28	98.41
81.0-82.0	531.9	57.7	22726.1	0.25	98.66
82.0-83.0	468.0	50.9	22777.0	0.22	98.88
83.0-84.0	403.4	43.9	22820.9	0.19	99.07
84.0-85.0	337.7	36.9	22857.8	0.16	99.23
85.0-86.0	271.6	29.7	22887.5	0.13	99.36
86.0-87.0	205.9	22.5	22910.0	0.10	99.46
87.0-88.0	141.9	15.6	22925.5	0.07	99.52
88.0-89.0	85.0	9.3	22934.9	0.04	99.56
89.0-90.0	41.6	4.6	22939.4	0.02	99.58
90.0-91.0	18.4	2.0	22941.4	0.01	99.59
91.0-92.0	11.9	1.3	22942.7	0.01	99.60
92.0-93.0	10.7	1.2	22943.9	0.01	99.60
93.0-94.0	10.4	1.1	22945.1	0.00	99.61
94.0-95.0	10.9	1.2	22946.2	0.01	99.61
95.0-96.0	10.5	1.1	22947.4	0.00	99.62
96.0-97.0	9.9	1.1	22948.5	0.00	99.62
97.0-98.0	10.3	1.1	22949.6	0.00	99.63
98.0-99.0	9.9	1.1	22950.7	0.00	99.63
99.0-100.0	9.0	1.0	22951.7	0.00	99.64
100.0-101.0	9.7	1.0	22952.7	0.00	99.64
101.0-102.0	10.3	1.1	22953.8	0.00	99.65
102.0-103.0	10.4	1.1	22954.9	0.00	99.65
103.0-104.0	10.8	1.1	22956.1	0.00	99.66
104.0-105.0	10.2	1.1	22957.2	0.00	99.66
105.0-106.0	10.1	1.1	22958.2	0.00	99.67
106.0-107.0	10.7	1.1	22959.3	0.00	99.67
107.0-108.0	11.2	1.2	22960.5	0.01	99.68

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 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	9.8	1.0	22961.5	0.00	99.68
109.0-110.0	8.6	0.9	22962.4	0.00	99.68
110.0-111.0	9.2	0.9	22963.4	0.00	99.69
111.0-112.0	10.5	1.1	22964.4	0.00	99.69
112.0-113.0	11.2	1.1	22965.6	0.00	99.70
113.0-114.0	11.1	1.1	22966.7	0.00	99.70
114.0-115.0	11.7	1.2	22967.9	0.01	99.71
115.0-116.0	12.7	1.3	22969.1	0.01	99.71
116.0-117.0	12.4	1.2	22970.3	0.01	99.72
117.0-118.0	12.0	1.2	22971.5	0.01	99.72
118.0-119.0	11.5	1.1	22972.6	0.00	99.73
119.0-120.0	11.3	1.1	22973.7	0.00	99.73
120.0-121.0	11.7	1.1	22974.8	0.00	99.74
121.0-122.0	12.0	1.1	22975.9	0.00	99.74
122.0-123.0	12.6	1.2	22977.1	0.01	99.75
123.0-124.0	13.2	1.2	22978.3	0.01	99.75
124.0-125.0	13.2	1.2	22979.5	0.01	99.76
125.0-126.0	13.1	1.2	22980.6	0.01	99.76
126.0-127.0	13.7	1.2	22981.9	0.01	99.77
127.0-128.0	14.2	1.2	22983.1	0.01	99.77
128.0-129.0	14.9	1.3	22984.4	0.01	99.78
129.0-130.0	15.2	1.3	22985.7	0.01	99.79
130.0-131.0	15.3	1.3	22986.9	0.01	99.79
131.0-132.0	15.8	1.3	22988.2	0.01	99.80
132.0-133.0	15.9	1.3	22989.5	0.01	99.80
133.0-134.0	16.3	1.3	22990.8	0.01	99.81
134.0-135.0	16.8	1.3	22992.1	0.01	99.81
135.0-136.0	16.6	1.3	22993.4	0.01	99.82
136.0-137.0	17.2	1.3	22994.7	0.01	99.82
137.0-138.0	18.4	1.4	22996.1	0.01	99.83
138.0-139.0	18.6	1.4	22997.4	0.01	99.84
139.0-140.0	19.3	1.4	22998.8	0.01	99.84
140.0-141.0	19.7	1.4	23000.2	0.01	99.85
141.0-142.0	20.0	1.4	23001.5	0.01	99.85
142.0-143.0	21.1	1.4	23002.9	0.01	99.86
143.0-144.0	21.3	1.4	23004.3	0.01	99.87

C Plane (°):0.0-360.0: 22.5
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 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	21.8	1.4	23005.7	0.01	99.87
145.0-146.0	22.6	1.4	23007.1	0.01	99.88
146.0-147.0	23.2	1.4	23008.5	0.01	99.88
147.0-148.0	23.5	1.4	23009.9	0.01	99.89
148.0-149.0	23.6	1.4	23011.2	0.01	99.90
149.0-150.0	24.2	1.3	23012.6	0.01	99.90
150.0-151.0	24.6	1.3	23013.9	0.01	99.91
151.0-152.0	24.5	1.3	23015.2	0.01	99.91
152.0-153.0	24.8	1.3	23016.5	0.01	99.92
153.0-154.0	24.9	1.2	23017.7	0.01	99.92
154.0-155.0	24.9	1.2	23018.9	0.01	99.93
155.0-156.0	25.3	1.2	23020.0	0.00	99.93
156.0-157.0	25.6	1.1	23021.1	0.00	99.94
157.0-158.0	26.5	1.1	23022.2	0.00	99.94
158.0-159.0	26.7	1.1	23023.3	0.00	99.95
159.0-160.0	26.5	1.0	23024.3	0.00	99.95
160.0-161.0	27.0	1.0	23025.3	0.00	99.96
161.0-162.0	27.4	1.0	23026.3	0.00	99.96
162.0-163.0	27.7	0.9	23027.2	0.00	99.97
163.0-164.0	28.8	0.9	23028.1	0.00	99.97
164.0-165.0	28.4	0.8	23028.9	0.00	99.97
165.0-166.0	27.4	0.8	23029.7	0.00	99.98
166.0-167.0	27.2	0.7	23030.4	0.00	99.98
167.0-168.0	27.5	0.7	23031.0	0.00	99.98
168.0-169.0	28.9	0.6	23031.7	0.00	99.99
169.0-170.0	29.9	0.6	23032.2	0.00	99.99
170.0-171.0	29.2	0.5	23032.8	0.00	99.99
171.0-172.0	29.2	0.5	23033.3	0.00	99.99
172.0-173.0	29.6	0.4	23033.7	0.00	99.99
173.0-174.0	29.5	0.4	23034.0	0.00	100.00
174.0-175.0	30.4	0.3	23034.4	0.00	100.00
175.0-176.0	30.3	0.3	23034.6	0.00	100.00
176.0-177.0	29.8	0.2	23034.8	0.00	100.00
177.0-178.0	29.9	0.1	23035.0	0.00	100.00
178.0-179.0	29.0	0.1	23035.0	0.00	100.00
179.0-180.0	28.4	0.0	23035.1	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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 5)

cone flux(90°): 14799.12 lm

%lum = 64.2%

%lamp = 64.2%

cone flux(120°): 19795.48 lm

%lum = 85.9%

%lamp = 85.9%

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.5 '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	9842.7	9842.7	9842.7	9842.7	9842.7	9842.7	9842.7	9842.7	9842.7	9842.7
G1.0	9845.3	9840.5	9833.5	9837.5	9826.1	9835.3	9846.1	9845.0	9836.8	9835.3
G2.0	9833.9	9833.4	9821.3	9825.9	9818.0	9827.1	9828.9	9835.9	9828.4	9834.9
G3.0	9830.2	9824.2	9809.4	9822.6	9805.8	9804.4	9830.7	9826.6	9821.7	9840.1
G4.0	9817.0	9810.1	9795.8	9804.4	9789.2	9793.2	9811.7	9811.9	9808.5	9817.5
G5.0	9791.2	9795.3	9784.7	9792.1	9777.0	9783.5	9802.0	9792.4	9796.7	9806.8
G6.0	9774.3	9772.3	9769.2	9772.7	9759.7	9763.4	9784.8	9783.0	9772.8	9800.8
G7.0	9752.6	9754.1	9744.7	9743.3	9745.7	9742.6	9768.4	9768.8	9751.5	9773.8
G8.0	9723.6	9728.6	9717.0	9722.1	9721.3	9725.8	9747.5	9744.7	9726.1	9749.0
G9.0	9691.9	9694.9	9681.2	9702.0	9699.2	9695.7	9719.1	9721.1	9695.2	9724.1
G10.0	9664.3	9670.8	9649.0	9666.3	9670.8	9660.3	9685.8	9698.2	9672.8	9697.4
G11.0	9636.4	9631.9	9618.7	9635.0	9639.8	9622.0	9649.2	9655.0	9640.1	9655.9
G12.0	9597.4	9581.8	9585.1	9603.0	9604.4	9588.9	9613.4	9618.6	9605.1	9621.1
G13.0	9553.3	9541.4	9545.5	9560.2	9559.7	9551.3	9571.2	9582.6	9565.8	9588.9
G14.0	9505.1	9502.5	9499.7	9516.2	9508.4	9511.1	9531.9	9538.3	9522.8	9551.4
G15.0	9456.9	9457.0	9455.3	9477.5	9454.6	9466.1	9492.0	9501.5	9481.2	9513.7
G16.0	9398.1	9407.3	9411.3	9415.4	9409.9	9428.8	9455.8	9450.8	9427.9	9465.5
G17.0	9342.9	9354.3	9357.0	9361.4	9360.1	9381.6	9416.5	9409.6	9381.5	9421.4
G18.0	9282.2	9305.8	9304.1	9313.0	9307.0	9332.5	9365.4	9365.3	9335.2	9371.0
G19.0	9223.8	9242.0	9249.1	9255.7	9254.2	9283.0	9314.6	9315.7	9263.1	9323.6
G20.0	9157.2	9181.6	9173.3	9199.1	9195.9	9224.2	9257.8	9265.4	9209.8	9259.4
G21.0	9095.4	9116.0	9111.2	9127.2	9128.0	9154.2	9195.8	9208.0	9153.9	9197.6
G22.0	9021.1	9054.9	9036.5	9058.4	9073.4	9091.3	9127.8	9140.8	9089.9	9120.5
G23.0	8941.0	8962.3	8961.1	8989.5	9011.1	9017.2	9055.0	9069.1	9030.3	9042.3
G24.0	8868.9	8885.9	8877.2	8912.4	8944.0	8937.6	8974.3	8992.2	8967.1	8957.4
G25.0	8785.0	8816.6	8794.0	8834.3	8858.4	8857.9	8891.8	8910.3	8894.3	8885.6
G26.0	8700.8	8714.7	8711.2	8753.5	8776.8	8769.7	8793.5	8815.0	8822.9	8799.2
G27.0	8615.5	8629.5	8619.2	8659.7	8684.6	8675.2	8705.4	8722.7	8742.7	8688.4
G28.0	8526.5	8539.5	8527.5	8568.1	8589.4	8577.0	8610.9	8634.8	8651.9	8601.3
G29.0	8426.1	8443.9	8424.0	8474.7	8491.3	8470.9	8514.9	8544.0	8554.8	8507.6
G30.0	8332.7	8345.3	8315.7	8371.2	8385.0	8370.8	8405.1	8445.7	8432.4	8402.4
G31.0	8213.9	8237.8	8207.1	8261.0	8274.7	8261.0	8288.2	8346.6	8322.4	8305.6
G32.0	8098.1	8126.3	8087.7	8151.2	8161.8	8153.4	8177.7	8229.5	8212.4	8190.0
G33.0	7970.4	8007.0	7955.7	8013.5	8025.6	8029.1	8058.5	8103.4	8090.7	8065.1
G34.0	7850.2	7879.5	7845.6	7894.3	7888.8	7904.1	7927.4	7975.7	7968.6	7939.2
G35.0	7711.9	7740.9	7699.2	7756.2	7742.3	7756.0	7790.7	7842.9	7819.7	7806.1
G36.0	7565.9	7588.6	7515.5	7618.5	7585.5	7615.3	7656.6	7713.7	7685.8	7669.8

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.5 °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	7415.1	7425.6	7337.3	7439.5	7423.2	7454.5	7488.2	7567.4	7549.0	7506.4
G38.0	7256.3	7248.8	7139.9	7236.6	7226.1	7270.7	7295.5	7404.8	7388.6	7313.7
G39.0	7081.6	7035.7	6942.2	7003.5	7017.3	7059.3	7088.9	7207.8	7213.2	7132.5
G40.0	6881.9	6820.1	6725.9	6748.2	6813.7	6798.0	6871.2	7003.6	7007.3	6924.9
G41.0	6669.3	6580.0	6489.0	6500.3	6566.5	6551.3	6610.5	6762.2	6795.5	6697.8
G42.0	6397.2	6329.1	6276.4	6228.1	6272.4	6254.3	6375.9	6494.6	6543.5	6460.6
G43.0	6121.7	6099.0	6060.6	5983.6	5972.5	5948.0	6112.6	6233.4	6261.1	6208.3
G44.0	5802.1	5865.2	5870.6	5745.0	5637.8	5661.8	5887.4	5966.9	5943.7	5973.0
G45.0	5497.6	5638.0	5682.1	5518.6	5293.2	5389.7	5684.6	5710.1	5648.4	5749.5
G46.0	5220.0	5405.3	5503.2	5290.1	4923.9	5145.2	5512.0	5458.7	5348.0	5529.8
G47.0	4912.2	5183.0	5307.6	5059.6	4615.1	4897.0	5328.3	5216.9	5047.1	5299.3
G48.0	4622.0	4959.5	5096.6	4794.2	4354.3	4663.2	5127.0	5002.2	4760.6	5039.9
G49.0	4354.3	4706.8	4887.0	4540.4	4127.0	4427.7	4932.4	4775.9	4455.0	4807.6
G50.0	4068.1	4487.8	4649.7	4277.5	3918.2	4213.7	4718.7	4564.2	4194.7	4575.3
G51.0	3830.6	4234.7	4466.3	4009.1	3728.9	4009.7	4485.3	4344.3	3948.6	4340.3
G52.0	3622.4	3966.1	4260.8	3775.0	3540.4	3814.3	4262.7	4132.6	3728.7	4080.6
G53.0	3436.0	3727.8	4053.8	3579.9	3381.0	3625.3	4035.2	3891.6	3525.3	3840.4
G54.0	3256.9	3509.5	3874.9	3395.7	3228.3	3434.0	3839.9	3661.9	3326.0	3613.3
G55.0	3106.5	3289.8	3672.7	3242.7	3072.2	3268.4	3644.9	3432.5	3166.8	3395.8
G56.0	2972.6	3121.6	3469.4	3098.2	2935.7	3099.0	3451.5	3204.7	3020.0	3180.1
G57.0	2857.1	2934.8	3276.5	2965.4	2778.9	2936.4	3267.0	3000.9	2891.0	2998.9
G58.0	2738.3	2789.5	3055.1	2834.3	2626.9	2779.7	3083.2	2828.2	2760.4	2836.2
G59.0	2611.5	2646.5	2858.4	2681.0	2458.3	2627.1	2895.3	2666.1	2622.1	2682.8
G60.0	2486.1	2501.3	2646.2	2531.7	2286.7	2489.4	2689.2	2535.5	2491.6	2535.7
G61.0	2355.5	2360.4	2471.0	2367.1	2093.0	2342.4	2504.7	2399.2	2364.3	2394.2
G62.0	2210.2	2218.9	2302.8	2190.7	1948.0	2179.4	2325.0	2260.0	2219.1	2247.0
G63.0	2077.5	2074.7	2169.8	2037.7	1816.3	1998.9	2168.5	2128.2	2082.6	2118.8
G64.0	1929.3	1954.7	2029.3	1898.9	1719.3	1817.3	2021.7	1983.7	1940.7	1996.6
G65.0	1805.7	1833.1	1902.9	1788.7	1624.5	1694.1	1899.6	1858.7	1809.0	1875.8
G66.0	1689.1	1734.6	1784.2	1669.9	1536.3	1582.1	1789.8	1731.5	1682.9	1751.2
G67.0	1586.9	1637.5	1669.7	1554.5	1462.5	1496.9	1674.4	1623.8	1571.4	1654.5
G68.0	1483.9	1539.7	1565.0	1442.1	1382.4	1422.4	1570.5	1522.0	1458.2	1556.3
G69.0	1389.0	1437.8	1451.2	1337.9	1310.9	1351.3	1460.7	1436.8	1362.2	1452.2
G70.0	1302.6	1347.7	1362.9	1241.1	1223.0	1267.2	1364.7	1365.1	1278.3	1359.6
G71.0	1220.2	1251.4	1275.3	1164.8	1135.2	1186.5	1277.7	1282.2	1190.8	1278.8
G72.0	1127.9	1158.7	1197.6	1101.1	1051.1	1100.9	1220.6	1202.6	1112.5	1195.8
G73.0	1047.4	1079.4	1128.1	1056.5	979.2	1040.2	1151.9	1130.2	1037.4	1113.9

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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	963.5	1007.2	1050.1	999.1	920.5	979.2	1083.9	1051.0	961.3	1030.1
G75.0	880.0	946.8	987.3	942.2	864.8	923.3	1015.2	984.9	888.9	963.4
G76.0	815.7	880.8	919.3	870.3	812.8	866.8	947.6	927.1	816.8	900.5
G77.0	752.1	817.1	851.6	795.9	753.4	802.8	884.1	870.8	756.9	837.8
G78.0	702.8	756.7	792.1	733.0	698.0	739.9	820.9	805.1	711.2	771.5
G79.0	652.4	694.8	727.8	675.6	640.5	674.7	761.6	747.7	662.7	712.9
G80.0	596.1	631.4	660.2	615.0	587.4	622.6	703.3	682.8	605.3	654.4
G81.0	538.0	574.0	594.4	544.2	519.1	564.6	635.7	618.2	551.6	585.5
G82.0	475.9	504.0	528.6	483.9	460.1	505.8	569.9	546.9	494.3	521.7
G83.0	409.3	444.3	470.2	410.6	395.5	444.0	503.1	480.8	432.1	460.6
G84.0	345.3	370.6	403.3	358.1	333.2	375.1	432.9	424.1	364.5	389.8
G85.0	284.3	306.4	336.0	295.9	276.3	299.2	367.5	358.5	299.0	327.9
G86.0	221.4	242.7	272.1	226.0	208.1	241.5	301.4	294.6	241.6	260.1
G87.0	158.1	176.0	192.2	161.6	150.5	170.1	225.2	224.1	178.0	191.2
G88.0	107.4	120.1	132.3	98.6	85.2	107.6	150.5	149.4	122.1	134.9
G89.0	59.2	58.9	75.8	40.2	42.8	57.7	84.8	98.0	67.7	81.9
G90.0	22.8	32.2	34.7	17.1	0.0	18.2	40.0	49.5	29.4	45.2
G91.0	14.7	22.2	19.2	11.5	12.9	11.2	16.8	15.8	15.1	20.8
G92.0	13.6	15.9	15.9	11.2	8.9	7.8	10.1	13.1	15.8	13.0
G93.0	9.6	14.4	14.8	8.9	10.7	7.4	13.4	14.3	11.0	16.3
G94.0	15.1	13.3	14.8	10.8	8.1	9.7	14.2	10.5	13.6	14.8
G95.0	14.7	17.1	13.7	10.1	11.1	0.0	13.4	12.0	9.6	14.1
G96.0	13.6	14.8	11.8	11.9	12.2	0.0	11.9	0.0	13.6	14.8
G97.0	13.2	15.2	12.6	8.6	7.7	7.4	12.7	8.3	10.7	15.2
G98.0	15.1	17.4	16.6	11.9	0.0	9.3	12.3	14.3	13.2	14.8
G99.0	17.3	13.0	14.8	9.3	10.0	0.0	14.2	12.0	13.2	12.2
G100.0	8.8	15.9	15.2	11.2	8.9	0.0	15.3	12.8	0.0	16.3
G101.0	13.6	14.4	15.2	9.7	10.7	0.0	13.1	14.6	12.5	12.2
G102.0	12.9	15.6	14.8	12.3	10.0	0.0	11.6	10.5	14.0	13.7
G103.0	15.5	9.6	14.8	13.4	9.2	11.2	13.4	8.6	12.5	15.2
G104.0	12.5	15.2	13.3	12.3	0.0	7.4	10.1	13.1	11.8	14.4
G105.0	12.1	17.4	12.9	11.9	10.7	0.0	11.2	12.4	13.2	14.1
G106.0	14.7	15.6	7.4	12.7	7.7	0.0	14.2	10.5	14.3	15.6
G107.0	14.0	16.7	14.4	10.8	0.0	8.2	16.4	13.5	12.5	15.9
G108.0	14.0	17.1	13.3	11.2	11.8	8.9	10.5	10.5	11.4	13.0
G109.0	11.4	11.5	13.7	0.0	8.9	0.0	10.8	10.9	7.7	15.9
G110.0	14.0	13.3	12.9	11.2	7.7	0.0	15.3	8.6	11.4	10.7

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	9.9	11.5	16.6	8.6	7.7	0.0	12.3	12.8	11.0	15.2
G112.0	11.0	13.0	13.7	11.9	10.3	11.2	14.2	13.9	9.6	15.9
G113.0	19.1	15.6	18.1	0.0	8.5	9.7	16.8	9.8	13.6	13.0
G114.0	15.8	16.3	17.0	9.7	9.2	11.5	9.0	10.5	9.9	12.6
G115.0	16.6	16.7	16.3	13.4	11.1	7.4	14.2	14.6	13.6	14.1
G116.0	17.3	12.6	13.3	14.5	10.7	11.9	11.6	9.4	15.1	13.3
G117.0	9.6	18.2	18.1	14.5	8.9	8.9	11.9	15.0	16.6	14.4
G118.0	14.3	18.2	12.9	7.8	12.2	7.4	10.8	16.9	13.6	13.7
G119.0	13.6	16.7	17.4	13.0	0.0	8.2	7.8	12.0	12.5	13.3
G120.0	11.0	10.4	14.8	12.7	11.4	10.1	13.4	12.4	14.7	12.2
G121.0	12.1	14.4	17.4	11.2	11.4	8.9	13.8	15.4	11.4	16.3
G122.0	12.9	15.9	12.9	12.7	10.7	7.8	12.7	13.9	13.6	15.9
G123.0	14.7	14.8	16.6	14.5	9.6	10.8	10.8	14.6	14.7	16.3
G124.0	12.5	15.9	18.1	17.1	11.8	10.1	14.6	12.8	11.0	16.3
G125.0	13.6	16.7	14.8	15.3	11.4	9.3	13.4	14.3	15.8	10.7
G126.0	16.6	15.6	17.7	12.7	0.0	10.8	11.9	16.1	12.9	18.2
G127.0	16.6	14.4	18.1	14.1	11.1	10.8	12.3	13.9	15.5	17.4
G128.0	13.6	13.7	21.4	10.4	11.8	9.7	13.8	19.1	14.0	16.3
G129.0	16.6	20.0	12.9	10.1	7.7	16.0	17.2	17.3	17.7	14.1
G130.0	16.9	14.1	19.2	14.5	17.7	12.3	11.9	17.6	12.9	9.6
G131.0	18.4	18.9	14.4	13.8	14.0	12.3	16.8	16.9	14.0	18.9
G132.0	19.9	14.1	15.2	13.8	11.4	10.8	20.9	13.5	17.7	20.0
G133.0	19.9	15.2	18.1	16.8	12.2	16.0	17.6	17.3	10.3	19.3
G134.0	18.8	20.8	19.2	15.6	14.8	15.3	16.4	17.6	16.9	20.0
G135.0	21.7	15.9	20.0	17.9	15.9	9.3	17.6	19.1	15.8	17.8
G136.0	17.7	20.8	18.5	10.4	15.5	15.6	17.9	19.1	8.1	17.4
G137.0	20.6	20.8	21.8	16.4	13.7	18.2	14.9	20.6	20.2	15.6
G138.0	17.3	24.1	19.6	18.2	18.8	16.0	20.9	17.6	15.1	23.3
G139.0	22.8	21.9	18.1	19.0	17.7	16.0	22.4	17.3	20.6	23.0
G140.0	23.9	24.5	22.2	19.4	21.0	18.6	20.2	16.5	24.3	20.4
G141.0	22.8	24.8	20.7	17.5	16.2	16.8	18.3	21.8	24.3	20.4
G142.0	24.3	25.2	21.4	19.4	20.3	17.5	23.2	21.4	21.3	23.0
G143.0	25.7	26.7	21.8	20.1	19.6	16.0	27.3	22.1	21.7	22.2
G144.0	22.8	24.8	25.5	22.3	21.4	14.1	26.5	21.8	18.8	25.9
G145.0	25.0	26.7	23.3	19.0	24.7	22.0	23.2	18.8	23.9	22.6
G146.0	19.9	23.7	26.2	20.5	20.3	24.6	23.5	24.8	26.5	25.2
G147.0	28.7	29.3	29.6	16.0	23.2	21.2	28.0	21.8	22.1	23.0

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	25.0	27.0	27.4	20.5	22.9	19.7	29.9	22.1	25.0	23.7
G149.0	27.2	28.5	26.2	17.9	25.1	22.0	19.0	22.9	25.4	27.4
G150.0	21.0	27.8	24.8	27.9	24.3	22.7	22.8	21.8	30.5	26.3
G151.0	27.2	28.2	29.2	23.1	26.9	18.6	19.4	24.4	26.1	24.8
G152.0	27.6	27.8	27.0	19.4	24.7	24.2	27.6	27.0	26.1	25.6
G153.0	24.6	29.3	28.5	22.3	21.0	25.7	31.0	26.3	24.6	29.6
G154.0	29.1	26.7	20.7	26.8	26.9	22.0	28.8	26.3	27.2	17.1
G155.0	26.8	24.8	33.6	26.8	25.8	20.5	27.3	24.0	28.3	28.5
G156.0	29.4	31.5	26.2	23.1	15.9	20.8	29.1	21.0	26.5	31.9
G157.0	27.2	28.2	28.8	26.4	20.3	26.1	27.6	25.5	26.5	27.8
G158.0	28.3	31.1	31.4	25.3	29.2	26.4	28.0	26.7	26.5	25.6
G159.0	19.9	30.0	28.5	25.3	27.3	26.1	29.1	28.2	25.4	30.0
G160.0	27.6	28.5	25.5	27.5	24.7	23.4	29.1	22.1	29.1	30.8
G161.0	31.6	27.8	32.5	24.6	26.2	27.9	29.5	26.3	23.5	28.5
G162.0	30.9	29.3	30.3	23.5	25.1	24.2	29.5	28.2	32.7	32.2
G163.0	26.1	31.1	32.9	29.4	26.2	28.3	25.8	22.9	27.6	31.9
G164.0	28.7	33.7	34.7	32.4	28.8	22.3	32.9	32.3	27.9	33.0
G165.0	26.8	30.4	32.9	27.9	28.8	24.2	22.4	28.5	24.6	28.5
G166.0	24.3	31.5	31.4	29.4	24.3	24.2	33.2	29.3	29.4	28.5
G167.0	24.3	29.3	29.6	16.0	28.8	17.9	35.9	24.0	31.3	34.5
G168.0	32.0	28.5	23.3	25.7	29.5	27.9	33.2	26.3	31.3	20.8
G169.0	35.3	24.1	33.6	32.0	29.2	26.1	29.1	28.5	30.5	29.3
G170.0	30.5	34.5	24.8	27.9	28.0	28.7	32.1	27.8	31.3	35.6
G171.0	26.8	28.2	31.0	29.8	29.2	26.1	10.1	27.0	27.2	39.3
G172.0	30.5	31.1	35.5	26.1	27.3	29.8	31.0	23.3	24.6	33.7
G173.0	23.2	34.5	31.8	32.8	29.5	27.9	25.4	33.4	28.3	29.3
G174.0	33.5	33.7	28.5	29.0	30.6	26.1	31.7	29.3	33.8	30.4
G175.0	31.6	33.0	34.0	24.9	30.6	18.6	33.2	32.7	30.5	33.4
G176.0	31.6	34.5	33.3	29.0	28.8	24.9	27.6	31.1	32.7	36.7
G177.0	33.8	32.2	27.4	26.8	30.6	24.6	32.1	28.9	27.6	35.6
G178.0	31.6	25.2	26.6	29.4	29.2	28.3	31.4	27.4	31.3	31.5
G179.0	29.4	25.6	29.6	25.7	23.2	23.8	31.4	21.0	32.7	36.7
G180.0	29.1	27.4	29.9	30.2	29.9	26.8	35.1	24.4	27.6	30.4

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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	9842.7	9842.7	9842.7	9842.7	9842.7	9842.7	9842.7			
G1.0	9847.9	9852.4	9846.0	9838.2	9844.6	9843.5	9845.3			
G2.0	9842.7	9846.1	9840.1	9831.5	9838.6	9844.6	9833.9			
G3.0	9839.0	9839.7	9833.5	9825.6	9834.1	9831.8	9830.2			
G4.0	9829.0	9829.3	9819.8	9813.3	9817.7	9819.8	9817.0			
G5.0	9809.8	9818.5	9791.8	9799.1	9803.5	9796.9	9791.2			
G6.0	9790.9	9804.0	9775.5	9773.1	9780.7	9770.6	9774.3			
G7.0	9765.8	9780.9	9751.9	9761.9	9752.3	9745.5	9752.6			
G8.0	9742.5	9750.0	9726.1	9728.8	9715.0	9713.6	9723.6			
G9.0	9719.6	9719.9	9699.9	9711.3	9697.4	9690.3	9691.9			
G10.0	9690.4	9693.4	9661.2	9674.8	9669.0	9660.7	9664.3			
G11.0	9654.6	9659.2	9631.7	9641.0	9623.1	9621.3	9636.4			
G12.0	9628.7	9629.8	9594.4	9610.1	9591.0	9586.7	9597.4			
G13.0	9588.4	9600.0	9556.4	9561.3	9554.7	9556.3	9553.3			
G14.0	9560.7	9556.1	9513.6	9524.1	9522.2	9510.9	9505.1			
G15.0	9509.7	9514.0	9468.6	9490.3	9486.4	9468.1	9456.9			
G16.0	9473.4	9477.1	9426.5	9441.5	9443.1	9424.2	9398.1			
G17.0	9419.1	9426.9	9377.1	9393.5	9393.8	9371.3	9342.9			
G18.0	9368.8	9383.0	9325.4	9347.3	9332.5	9325.1	9282.2			
G19.0	9313.8	9323.4	9278.2	9284.1	9283.2	9265.0	9223.8			
G20.0	9255.3	9254.9	9212.5	9217.5	9223.8	9197.9	9157.2			
G21.0	9187.7	9185.3	9168.3	9159.0	9160.3	9125.8	9095.4			
G22.0	9123.4	9115.7	9094.5	9095.0	9080.0	9055.6	9021.1			
G23.0	9031.7	9049.8	9022.2	9026.5	9005.0	8987.3	8941.0			
G24.0	8950.8	8971.6	8950.6	8941.3	8923.9	8911.8	8868.9			
G25.0	8872.4	8900.9	8869.1	8856.1	8845.8	8828.9	8785.0			
G26.0	8789.6	8799.7	8793.4	8782.4	8745.4	8738.4	8700.8			
G27.0	8700.9	8706.2	8700.4	8686.0	8653.1	8651.4	8615.5			
G28.0	8610.3	8620.6	8604.9	8594.1	8557.1	8549.6	8526.5			
G29.0	8509.8	8521.2	8496.4	8477.2	8463.4	8450.9	8426.1			
G30.0	8398.2	8414.0	8393.1	8368.5	8356.6	8351.8	8332.7			
G31.0	8291.3	8300.5	8285.0	8256.5	8252.7	8229.8	8213.9			
G32.0	8156.0	8186.2	8154.0	8145.2	8140.3	8119.1	8098.1			
G33.0	8031.1	8058.5	8032.3	8025.4	8017.8	7994.1	7970.4			
G34.0	7899.5	7934.5	7902.4	7898.1	7890.8	7873.6	7850.2			
G35.0	7756.8	7794.2	7750.0	7752.2	7756.7	7739.3	7711.9			
G36.0	7608.2	7627.1	7601.7	7602.6	7590.5	7579.0	7565.9			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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	7438.9	7461.8	7406.9	7431.8	7395.6	7424.0	7415.1			
G38.0	7235.7	7271.2	7216.6	7243.1	7197.6	7251.7	7256.3			
G39.0	7033.1	7056.4	7015.1	6991.5	6965.7	7050.5	7081.6			
G40.0	6818.0	6823.0	6793.0	6731.0	6721.8	6807.3	6881.9			
G41.0	6599.1	6573.6	6544.0	6437.4	6462.9	6517.9	6669.3			
G42.0	6380.7	6292.2	6264.3	6125.5	6179.5	6240.1	6397.2			
G43.0	6160.4	6040.9	5939.3	5830.0	5950.9	5973.3	6121.7			
G44.0	5970.4	5794.1	5615.7	5531.9	5752.6	5707.9	5802.1			
G45.0	5778.5	5532.8	5277.7	5290.3	5569.5	5426.8	5497.6			
G46.0	5587.4	5294.9	4939.4	5069.3	5397.4	5183.5	5220.0			
G47.0	5394.5	5048.5	4589.3	4853.1	5218.1	4959.1	4912.2			
G48.0	5170.9	4783.8	4312.6	4636.8	5028.7	4750.8	4622.0			
G49.0	4959.1	4515.0	4079.1	4392.3	4828.2	4552.6	4354.3			
G50.0	4746.1	4225.1	3876.1	4175.3	4584.3	4331.1	4068.1			
G51.0	4530.3	3976.8	3674.7	3960.6	4341.5	4122.1	3830.6			
G52.0	4309.2	3758.6	3509.8	3747.7	4123.0	3916.7	3622.4			
G53.0	4108.1	3565.8	3354.8	3540.4	3909.4	3701.3	3436.0			
G54.0	3911.9	3405.7	3206.1	3338.7	3712.5	3476.5	3256.9			
G55.0	3717.4	3246.8	3062.6	3175.0	3508.6	3241.9	3106.5			
G56.0	3496.4	3112.0	2904.7	3019.8	3329.0	3050.1	2972.6			
G57.0	3286.1	2980.3	2760.8	2860.8	3144.8	2875.9	2857.1			
G58.0	3075.8	2845.1	2610.6	2734.7	2958.1	2717.5	2738.3			
G59.0	2871.3	2702.5	2442.4	2585.4	2775.8	2576.8	2611.5			
G60.0	2671.0	2531.3	2269.4	2438.4	2572.3	2454.4	2486.1			
G61.0	2475.8	2372.7	2079.4	2295.5	2389.2	2323.4	2355.5			
G62.0	2313.6	2215.3	1928.1	2130.3	2235.4	2196.5	2210.2			
G63.0	2167.2	2044.0	1801.6	1963.2	2093.1	2049.0	2077.5			
G64.0	2034.9	1899.6	1699.4	1811.0	1984.0	1918.0	1929.3			
G65.0	1908.4	1771.5	1609.0	1676.6	1878.7	1778.0	1805.7			
G66.0	1776.8	1652.8	1530.4	1567.9	1763.6	1651.9	1689.1			
G67.0	1661.2	1541.1	1453.3	1479.4	1655.3	1553.9	1586.9			
G68.0	1554.3	1429.4	1381.0	1396.4	1539.2	1456.3	1483.9			
G69.0	1446.8	1336.8	1295.0	1315.2	1426.0	1382.4	1389.0			
G70.0	1356.2	1251.5	1211.2	1235.2	1333.0	1300.2	1302.6			
G71.0	1279.3	1178.6	1126.0	1148.1	1253.4	1224.0	1220.2			
G72.0	1200.6	1107.8	1044.1	1068.5	1187.7	1137.3	1127.9			
G73.0	1133.7	1053.5	960.7	1013.8	1116.0	1062.2	1047.4			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 °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	1054.9	998.4	895.1	961.3	1051.0	992.4	963.5			
G75.0	987.3	931.7	836.8	905.9	984.2	937.2	880.0			
G76.0	925.9	861.4	782.9	845.2	909.8	878.3	815.7			
G77.0	864.2	793.3	729.8	780.8	843.3	814.1	752.1			
G78.0	796.2	725.9	670.7	714.2	780.6	753.3	702.8			
G79.0	737.8	665.2	619.1	648.7	716.0	691.8	652.4			
G80.0	673.1	600.8	561.9	579.1	653.2	622.3	596.1			
G81.0	604.4	536.4	501.0	521.0	582.6	551.4	538.0			
G82.0	538.6	476.5	431.7	463.7	512.1	484.9	475.9			
G83.0	475.7	412.5	373.4	395.6	446.0	423.0	409.3			
G84.0	413.3	345.8	312.5	321.2	381.3	360.3	345.3			
G85.0	344.5	274.4	245.0	258.7	311.5	288.6	284.3			
G86.0	266.1	210.0	182.3	196.9	232.7	221.5	221.4			
G87.0	199.6	154.9	124.0	137.0	164.3	161.8	158.1			
G88.0	131.2	87.9	70.5	76.3	99.4	100.6	107.4			
G89.0	73.9	38.0	25.8	28.7	52.7	58.9	59.2			
G90.0	33.3	19.4	10.7	0.0	11.9	20.3	22.8			
G91.0	12.9	0.0	0.0	7.4	11.6	12.4	14.7			
G92.0	14.8	8.9	11.1	8.2	7.8	0.0	13.6			
G93.0	10.0	12.3	0.0	0.0	11.2	11.6	9.6			
G94.0	12.6	11.5	0.0	0.0	10.8	7.5	15.1			
G95.0	13.7	14.1	10.3	7.4	8.2	11.6	14.7			
G96.0	12.6	11.2	7.4	0.0	9.3	10.1	13.6			
G97.0	15.5	8.2	8.5	0.0	7.8	10.9	13.2			
G98.0	13.3	11.5	0.0	0.0	8.2	10.5	15.1			
G99.0	10.0	0.0	8.5	0.0	0.0	14.6	17.3			
G100.0	15.9	0.0	8.1	0.0	0.0	10.9	8.8			
G101.0	14.8	10.4	7.7	0.0	9.3	12.0	13.6			
G102.0	15.9	9.7	10.0	8.6	0.0	0.0	12.9			
G103.0	15.5	10.4	8.1	0.0	9.3	7.9	15.5			
G104.0	11.5	7.8	7.7	10.1	8.2	14.3	12.5			
G105.0	13.3	10.1	7.7	0.0	0.0	10.9	12.1			
G106.0	12.2	8.2	10.7	0.0	10.1	9.8	14.7			
G107.0	11.5	8.6	7.4	0.0	13.1	15.0	14.0			
G108.0	17.4	11.9	11.1	0.0	10.1	7.5	14.0			
G109.0	15.5	10.8	8.9	0.0	0.0	8.6	11.4			
G110.0	14.0	0.0	0.0	0.0	9.3	12.8	14.0			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	12.9	10.4	0.0	0.0	11.6	13.1	9.9			
G112.0	14.0	14.9	8.1	0.0	10.5	8.6	11.0			
G113.0	17.4	9.3	9.2	0.0	7.8	10.5	19.1			
G114.0	12.6	10.8	9.6	0.0	12.7	9.0	15.8			
G115.0	13.7	10.4	10.0	0.0	11.2	14.6	16.6			
G116.0	20.0	13.0	12.9	0.0	14.2	17.3	17.3			
G117.0	12.9	10.8	8.5	0.0	10.1	12.0	9.6			
G118.0	15.2	13.0	8.5	7.8	10.1	12.0	14.3			
G119.0	13.7	10.1	11.4	0.0	11.6	12.0	13.6			
G120.0	13.7	13.4	10.7	0.0	13.8	12.0	11.0			
G121.0	14.4	0.0	7.7	9.7	11.6	13.1	12.1			
G122.0	15.2	12.3	8.1	10.4	11.2	10.1	12.9			
G123.0	12.6	9.7	8.1	11.9	14.9	10.9	14.7			
G124.0	12.2	16.4	12.5	10.4	13.1	11.3	12.5			
G125.0	15.5	14.1	0.0	11.5	13.4	15.8	13.6			
G126.0	14.4	14.9	11.4	12.3	13.8	15.0	16.6			
G127.0	17.4	13.8	9.6	12.7	12.7	15.0	16.6			
G128.0	19.2	13.4	10.3	13.4	16.8	13.5	13.6			
G129.0	19.2	12.7	14.8	15.6	18.7	15.4	16.6			
G130.0	20.3	14.1	12.5	12.3	17.2	16.5	16.9			
G131.0	21.4	14.1	16.6	13.4	14.6	11.3	18.4			
G132.0	18.5	17.1	13.3	16.0	14.6	18.0	19.9			
G133.0	18.1	11.2	18.1	14.1	16.8	13.9	19.9			
G134.0	18.1	16.4	12.2	15.3	14.2	16.9	18.8			
G135.0	17.7	15.6	16.2	11.9	17.6	17.6	21.7			
G136.0	16.3	18.6	17.7	14.1	16.4	18.8	17.7			
G137.0	19.6	18.2	17.0	11.5	19.4	19.9	20.6			
G138.0	22.9	19.0	16.2	16.0	19.4	15.4	17.3			
G139.0	11.5	15.3	16.6	17.1	18.3	17.3	22.8			
G140.0	21.1	19.0	15.5	15.3	19.0	20.6	23.9			
G141.0	17.4	17.9	18.1	17.9	16.8	16.1	22.8			
G142.0	26.6	16.0	14.0	20.8	18.7	19.5	24.3			
G143.0	22.2	17.1	18.8	16.8	23.5	21.4	25.7			
G144.0	22.2	17.1	19.9	19.0	20.9	16.9	22.8			
G145.0	21.8	19.4	25.1	17.9	20.9	22.5	25.0			
G146.0	24.8	21.2	18.1	19.0	22.8	24.0	19.9			
G147.0	26.2	20.8	25.1	17.5	23.2	20.3	28.7			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 '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	25.5	23.1	21.8	19.4	21.7	21.0	25.0			
G149.0	24.0	24.2	22.1	22.7	22.4	22.1	27.2			
G150.0	27.0	24.2	21.8	21.6	25.8	24.0	21.0			
G151.0	26.2	23.1	26.2	17.9	25.8	27.0	27.2			
G152.0	24.8	23.8	17.3	22.3	22.4	23.6	27.6			
G153.0	25.9	19.4	26.2	20.5	23.2	25.5	24.6			
G154.0	24.0	26.1	23.2	21.6	19.4	26.3	29.1			
G155.0	25.1	21.2	18.1	23.1	24.7	25.9	26.8			
G156.0	32.2	26.4	21.4	18.2	28.0	24.0	29.4			
G157.0	25.9	23.5	20.3	25.3	28.4	25.5	27.2			
G158.0	30.7	26.8	25.5	20.8	26.1	25.5	28.3			
G159.0	28.1	21.6	27.7	24.2	24.7	23.3	19.9			
G160.0	30.7	26.1	24.3	22.3	29.5	26.7	27.6			
G161.0	31.8	23.5	26.2	23.8	24.3	27.8	31.6			
G162.0	27.0	27.5	26.6	23.8	27.6	22.9	30.9			
G163.0	28.1	29.4	26.9	26.4	23.2	29.3	26.1			
G164.0	29.6	29.4	31.7	27.5	24.3	25.5	28.7			
G165.0	25.1	29.4	26.9	24.2	27.3	27.4	26.8			
G166.0	32.2	29.0	25.1	8.9	27.3	32.3	24.3			
G167.0	29.9	21.6	28.8	21.2	31.4	25.5	24.3			
G168.0	27.0	29.4	27.3	27.5	29.1	32.3	32.0			
G169.0	32.2	29.8	29.5	24.2	28.8	32.7	35.3			
G170.0	32.5	30.9	28.4	30.1	27.3	30.8	30.5			
G171.0	35.1	27.5	29.5	28.7	27.6	30.8	26.8			
G172.0	35.9	31.3	28.8	30.5	30.6	31.1	30.5			
G173.0	29.9	24.2	28.0	25.7	32.9	30.0	23.2			
G174.0	35.5	28.7	26.6	24.2	26.1	31.1	33.5			
G175.0	34.4	36.1	26.9	30.5	30.6	31.9	31.6			
G176.0	28.5	33.1	24.7	27.5	21.3	30.8	31.6			
G177.0	33.3	28.3	27.7	24.6	29.9	34.5	33.8			
G178.0	34.4	34.6	31.0	28.3	26.5	31.5	31.6			
G179.0	32.9	26.8	31.0	26.8	20.9	33.0	29.4			
G180.0	31.0	26.8	28.0	24.6	26.9	30.4	29.1			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.5 'C
 Operator:

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