

Report No.:

Test Time: 2022-6-28 11:16

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 2.551 A
Power Factor: 0.994

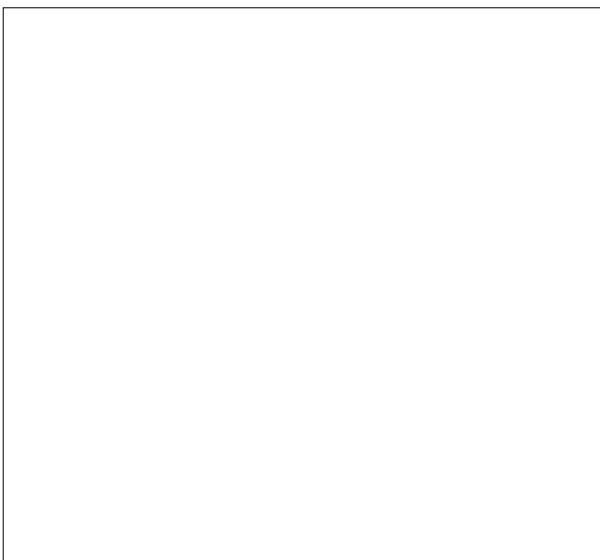
Luminaire Description:
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 120.0 V
Power: 304.60 W

Photometric Results

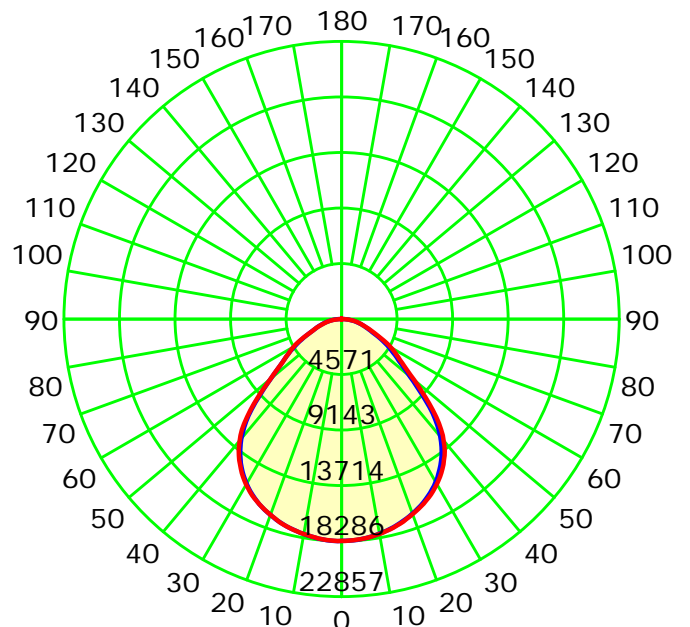
CIE Class: Direct
Measurement Flux: 43088.7 lm
Downward Ratio: 100%
Horizontal Diffuse Angle(10%,50%): H147.5,H93.9
Vertical Diffuse Angle(10%,50%): V147.5,V95
Luminaire Efficacy Rating (LER): 141.51
Max. Intensity: 18286.34 cd
S/MH(C0/C180): 1.26

Total Rated Lamp Lumens: 43088.7 lm
Efficiency: 100%
Upward Ratio: 0%
C0r0 Intensity: 18268.07 cd
Pos of Max. Intensity: H180 V1
S/MH(C90/C270): 1.27

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

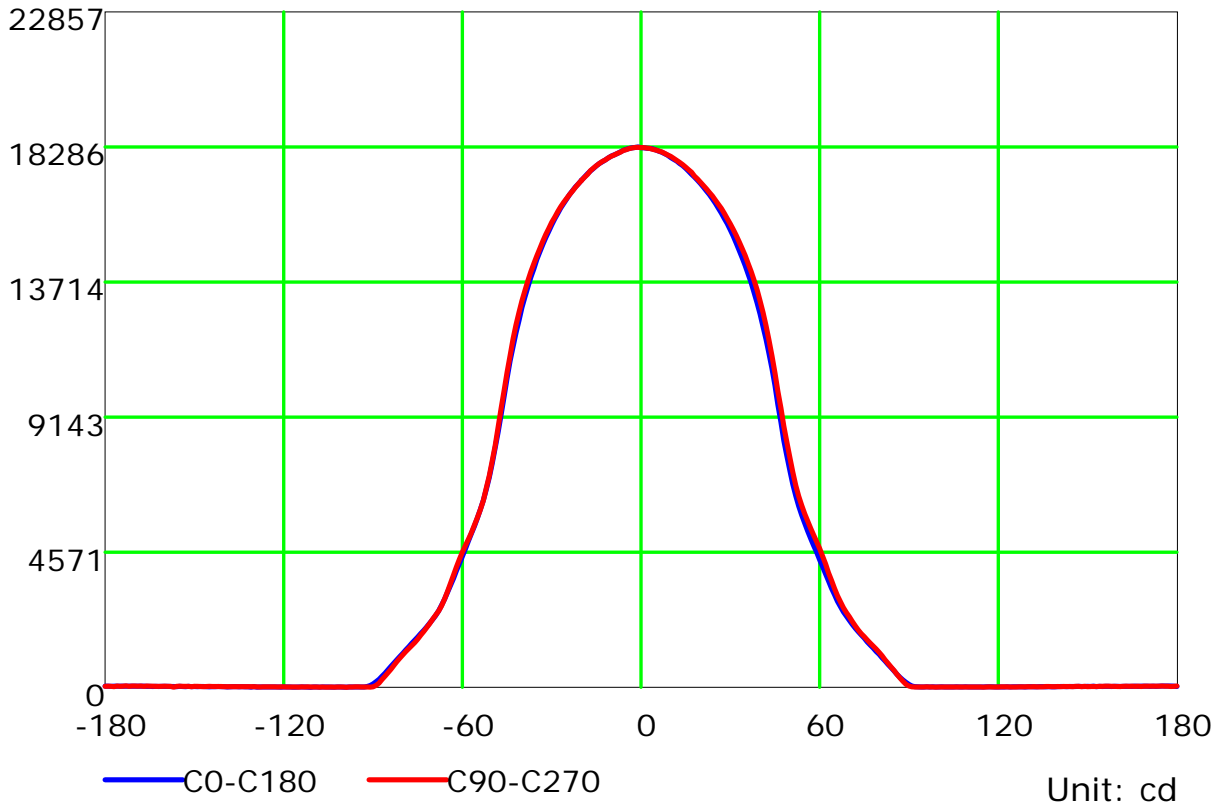
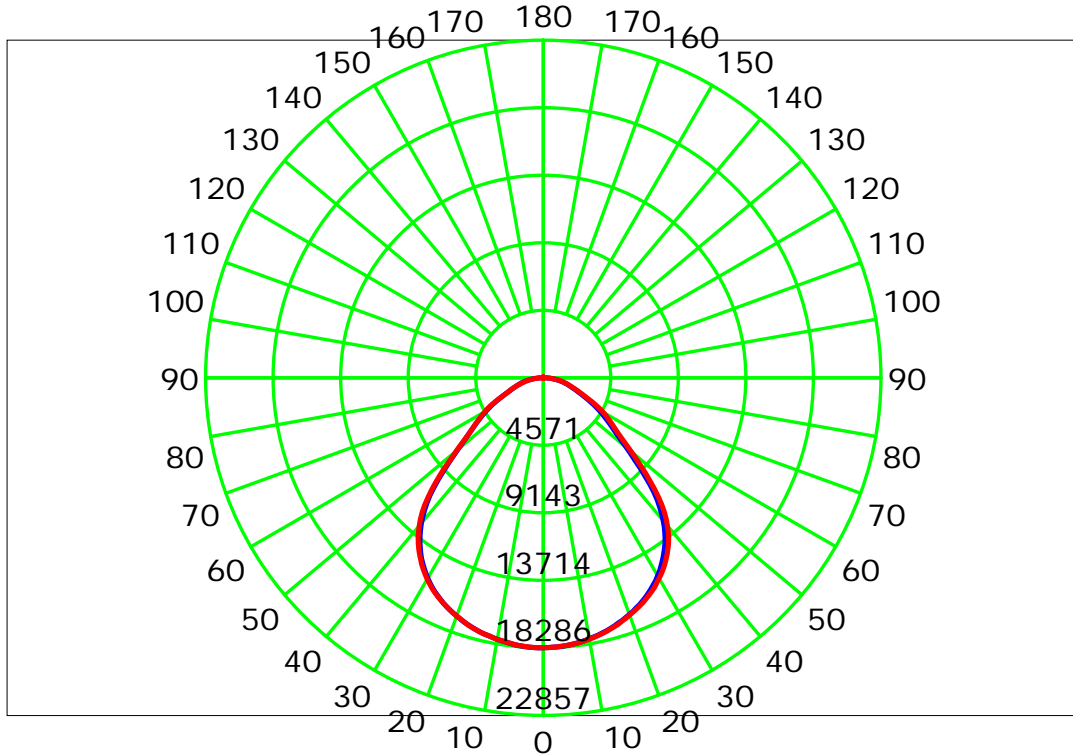
Average Diffuse Angle(50%): 94.4°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.6 °C
Operator:

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

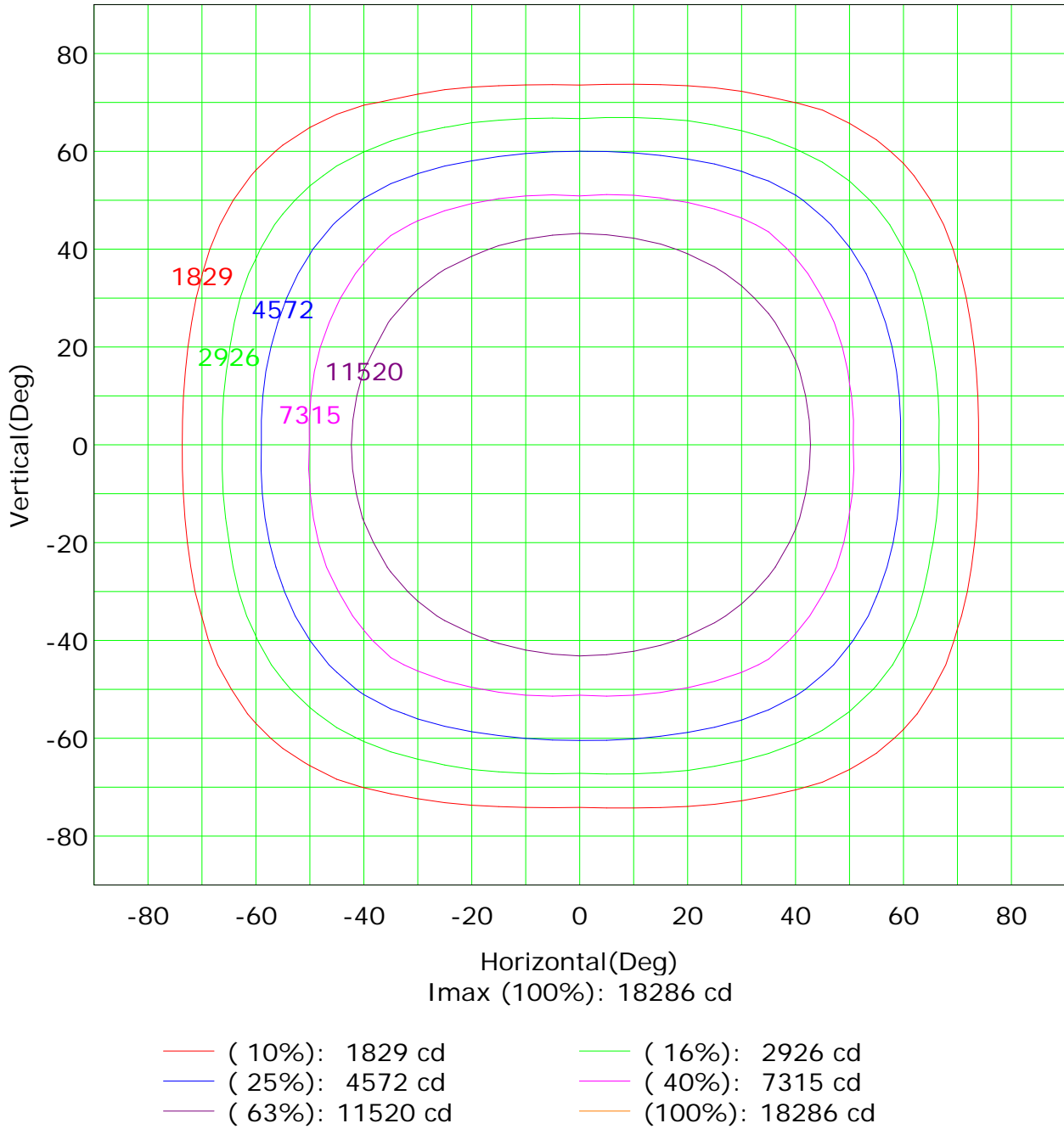
Luminous Intensity Distribution Curve



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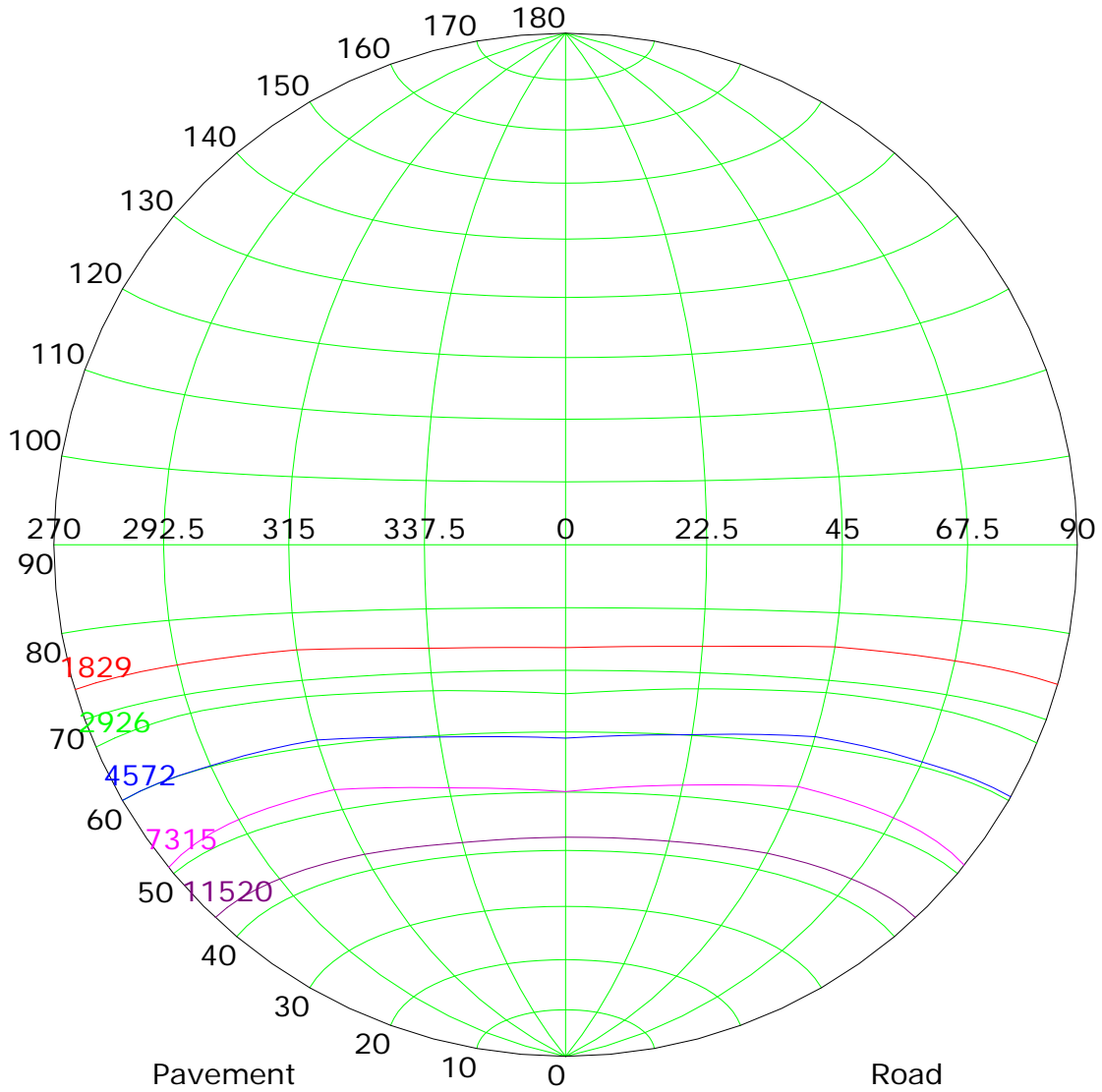
Isocandela (rectangle)



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 °C
 Operator:

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 Test Device: GPM-3000
 Distance: 14.140 m [K=1.0000]
 Humidity:
 Inspector:

Isocandela (sphere)



Imax (100%): 18286 cd

- | | |
|--------------------|--------------------|
| — (10%): 1829 cd | — (16%): 2926 cd |
| — (25%): 4572 cd | — (40%): 7315 cd |
| — (63%): 11520 cd | — (100%): 18286 cd |

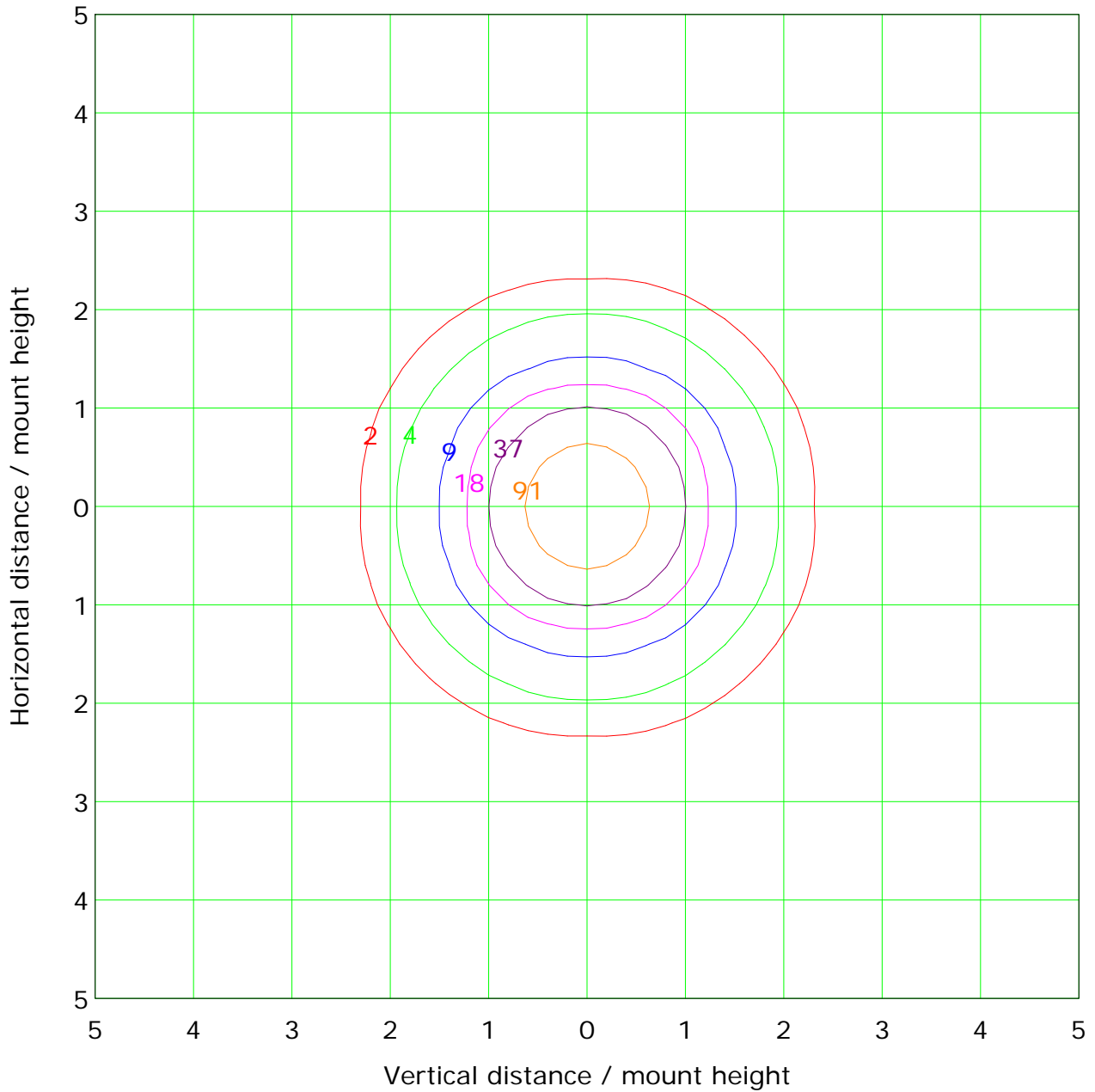
CIE: narrow - short
CIE: Semi-cut-off luminaire
Max.At90: 3.591 cd/klm

IES: Cut-off
Max.At80: 30.277 cd/klm
Max.80-90: 30.277 cd/klm

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Test Type: TYPE C
Temperature: 25.6 'C
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Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-3000
Distance: 14.140 m [K=1.0000]
Humidity:
Inspector:

IsoLux Plot

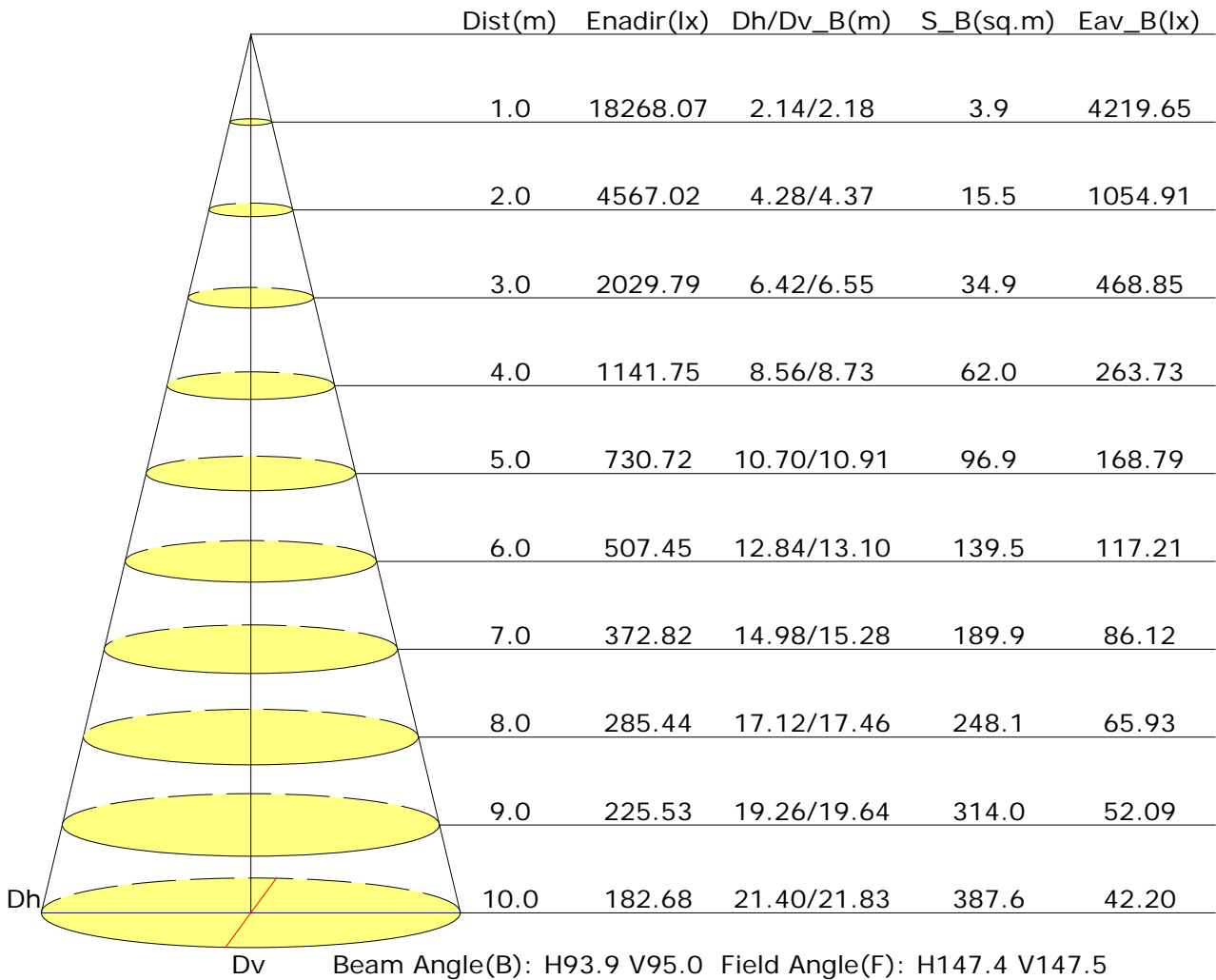


Mounting Height: 10.0m		Max Lux(100%): 182.8 lx
— (1%):	1.8 lx	— (2%): 3.7 lx
— (5%):	9.1 lx	— (10%): 18.3 lx
— (20%):	36.6 lx	— (50%): 91.4 lx
— (100%):	182.8 lx	

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 Test Type: TYPE C
 Temperature: 25.6 'C
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 Test Device: GPM-3000
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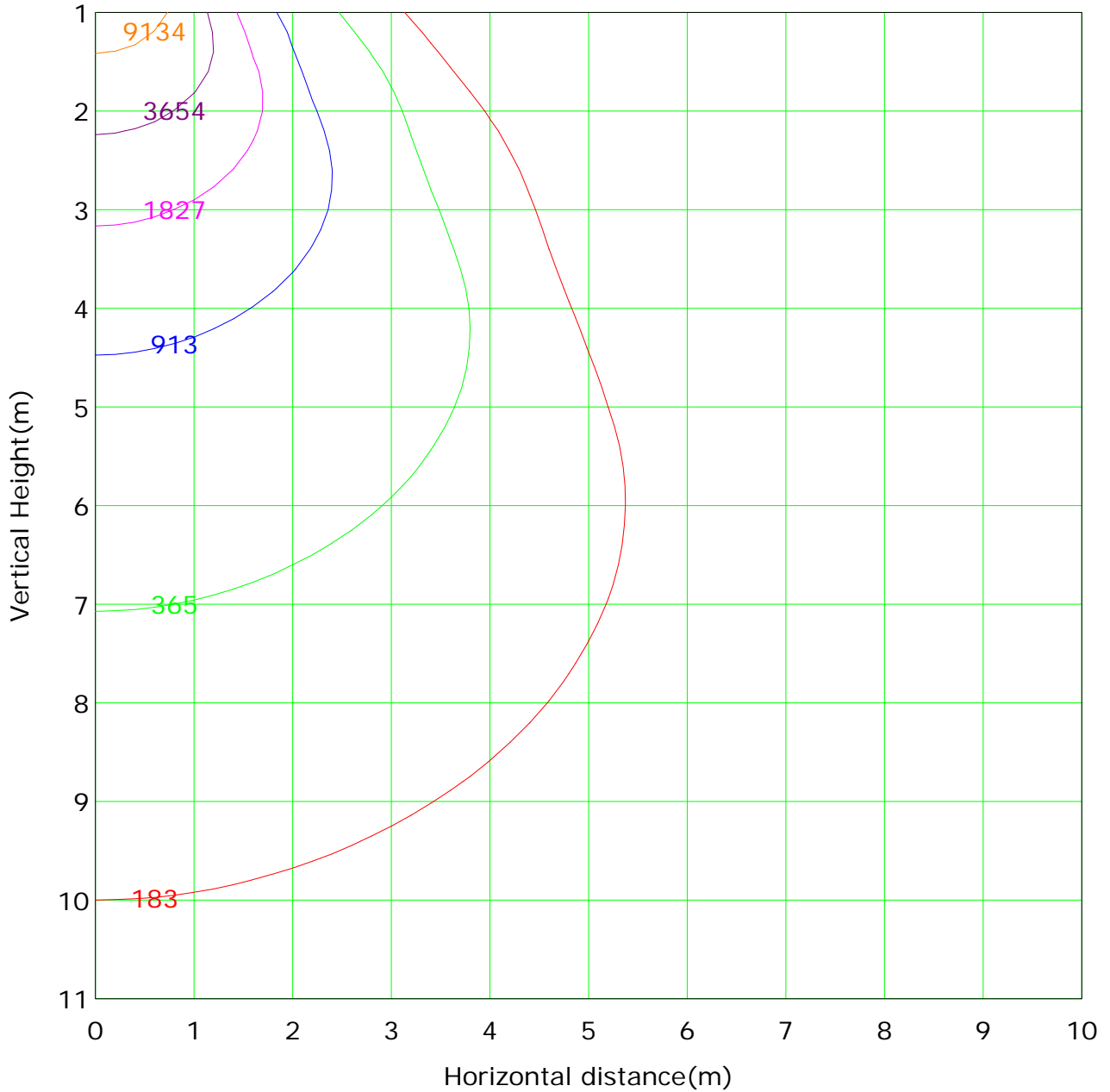
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 °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: 18268.1 lx

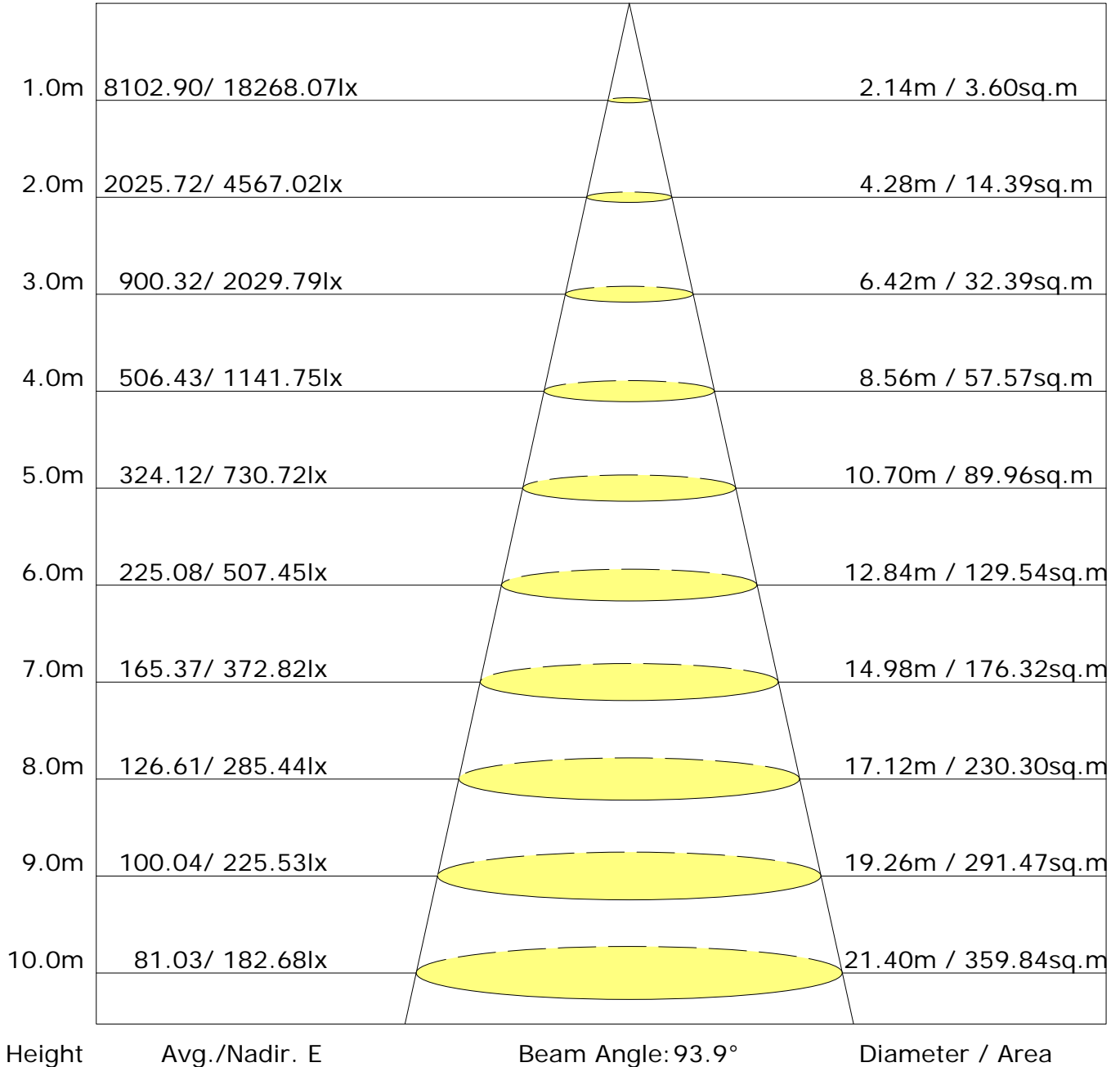
— (1%): 182.7 lx	— (2%): 365.4 lx
— (5%): 913.4 lx	— (10%): 1826.8 lx
— (20%): 3653.6 lx	— (50%): 9134.0 lx
— (100%): 18268.1 lx	

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 Test Type: TYPE C
 Temperature: 25.6 °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: 29157.25lm



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 Temperature: 25.6 °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	18268.1	17.5	17.5	0.04	0.04
1.0-2.0	18262.1	52.4	69.9	0.12	0.16
2.0-3.0	18248.6	87.3	157.2	0.20	0.36
3.0-4.0	18229.4	122.0	279.2	0.28	0.65
4.0-5.0	18203.1	156.6	435.9	0.36	1.01
5.0-6.0	18170.4	191.0	626.8	0.44	1.45
6.0-7.0	18129.3	225.1	851.9	0.52	1.98
7.0-8.0	18083.2	258.8	1110.7	0.60	2.58
8.0-9.0	18035.0	292.3	1403.1	0.68	3.26
9.0-10.0	17983.3	325.5	1728.5	0.76	4.01
10.0-11.0	17927.5	358.3	2086.8	0.83	4.84
11.0-12.0	17866.4	390.6	2477.4	0.91	5.75
12.0-13.0	17803.1	422.6	2900.0	0.98	6.73
13.0-14.0	17736.1	454.0	3354.0	1.05	7.78
14.0-15.0	17659.7	484.9	3838.9	1.13	8.91
15.0-16.0	17578.0	515.1	4354.0	1.20	10.10
16.0-17.0	17489.1	544.7	4898.7	1.26	11.37
17.0-18.0	17390.3	573.5	5472.2	1.33	12.70
18.0-19.0	17287.8	601.5	6073.7	1.40	14.10
19.0-20.0	17182.6	629.0	6702.7	1.46	15.56
20.0-21.0	17071.0	655.6	7358.3	1.52	17.08
21.0-22.0	16952.5	681.3	8039.6	1.58	18.66
22.0-23.0	16828.1	706.2	8745.8	1.64	20.30
23.0-24.0	16693.8	730.0	9475.8	1.69	21.99
24.0-25.0	16549.9	752.6	10228.4	1.75	23.74
25.0-26.0	16399.7	774.2	11002.7	1.80	25.53
26.0-27.0	16241.2	794.7	11797.3	1.84	27.38
27.0-28.0	16072.3	813.8	12611.2	1.89	29.27
28.0-29.0	15892.2	831.6	13442.8	1.93	31.20
29.0-30.0	15702.0	847.9	14290.7	1.97	33.17
30.0-31.0	15504.6	862.9	15153.6	2.00	35.17
31.0-32.0	15298.8	876.6	16030.2	2.03	37.20
32.0-33.0	15079.8	888.5	16918.7	2.06	39.26
33.0-34.0	14846.5	898.6	17817.3	2.09	41.35
34.0-35.0	14595.1	906.5	18723.8	2.10	43.45
35.0-36.0	14325.8	912.3	19636.1	2.12	45.57

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 Operator:

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 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	14037.0	915.6	20551.7	2.12	47.70
37.0-38.0	13723.2	916.1	21467.8	2.13	49.82
38.0-39.0	13382.1	913.5	22381.4	2.12	51.94
39.0-40.0	13011.7	907.6	23289.0	2.11	54.05
40.0-41.0	12614.4	898.4	24187.4	2.08	56.13
41.0-42.0	12193.1	886.0	25073.4	2.06	58.19
42.0-43.0	11741.8	869.9	25943.3	2.02	60.21
43.0-44.0	11259.8	850.0	26793.2	1.97	62.18
44.0-45.0	10763.3	827.3	27620.5	1.92	64.10
45.0-46.0	10267.7	803.1	28423.6	1.86	65.97
46.0-47.0	9788.2	778.6	29202.2	1.81	67.77
47.0-48.0	9320.7	753.6	29955.8	1.75	69.52
48.0-49.0	8857.5	727.5	30683.3	1.69	71.21
49.0-50.0	8410.3	701.3	31384.6	1.63	72.84
50.0-51.0	7969.7	674.4	32059.0	1.57	74.40
51.0-52.0	7533.7	646.6	32705.5	1.50	75.90
52.0-53.0	7117.2	619.2	33324.7	1.44	77.34
53.0-54.0	6725.7	592.9	33917.6	1.38	78.72
54.0-55.0	6357.3	567.6	34485.1	1.32	80.03
55.0-56.0	6009.6	543.1	35028.3	1.26	81.29
56.0-57.0	5682.9	519.7	35547.9	1.21	82.50
57.0-58.0	5380.8	497.7	36045.6	1.15	83.65
58.0-59.0	5099.9	476.8	36522.4	1.11	84.76
59.0-60.0	4827.9	456.2	36978.6	1.06	85.82
60.0-61.0	4563.3	435.5	37414.1	1.01	86.83
61.0-62.0	4301.4	414.5	37828.7	0.96	87.79
62.0-63.0	4043.7	393.3	38222.0	0.91	88.71
63.0-64.0	3793.3	372.3	38594.3	0.86	89.57
64.0-65.0	3549.3	351.3	38945.6	0.82	90.38
65.0-66.0	3315.3	330.8	39276.4	0.77	91.15
66.0-67.0	3096.7	311.4	39587.8	0.72	91.88
67.0-68.0	2896.1	293.4	39881.2	0.68	92.56
68.0-69.0	2710.4	276.5	40157.8	0.64	93.20
69.0-70.0	2536.2	260.5	40418.3	0.60	93.80
70.0-71.0	2368.4	244.8	40663.1	0.57	94.37
71.0-72.0	2208.7	229.7	40892.8	0.53	94.90

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 Operator:

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 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	2061.1	215.6	41108.4	0.50	95.40
73.0-74.0	1924.4	202.3	41310.7	0.47	95.87
74.0-75.0	1799.3	190.1	41500.8	0.44	96.31
75.0-76.0	1685.1	178.9	41679.7	0.42	96.73
76.0-77.0	1577.3	168.2	41847.9	0.39	97.12
77.0-78.0	1470.7	157.5	42005.4	0.37	97.49
78.0-79.0	1362.2	146.4	42151.8	0.34	97.83
79.0-80.0	1251.9	135.0	42286.8	0.31	98.14
80.0-81.0	1140.2	123.3	42410.1	0.29	98.42
81.0-82.0	1024.3	111.1	42521.2	0.26	98.68
82.0-83.0	905.3	98.4	42619.6	0.23	98.91
83.0-84.0	785.1	85.5	42705.1	0.20	99.11
84.0-85.0	662.7	72.3	42777.5	0.17	99.28
85.0-86.0	541.1	59.2	42836.6	0.14	99.41
86.0-87.0	420.2	46.0	42882.6	0.11	99.52
87.0-88.0	306.1	33.5	42916.2	0.08	99.60
88.0-89.0	207.4	22.7	42938.9	0.05	99.65
89.0-90.0	126.2	13.8	42952.7	0.03	99.68
90.0-91.0	65.8	7.2	42960.0	0.02	99.70
91.0-92.0	31.9	3.5	42963.4	0.01	99.71
92.0-93.0	19.3	2.1	42965.6	0.00	99.71
93.0-94.0	15.3	1.7	42967.2	0.00	99.72
94.0-95.0	14.1	1.5	42968.8	0.00	99.72
95.0-96.0	14.2	1.5	42970.3	0.00	99.73
96.0-97.0	14.0	1.5	42971.9	0.00	99.73
97.0-98.0	14.3	1.6	42973.4	0.00	99.73
98.0-99.0	13.8	1.5	42974.9	0.00	99.74
99.0-100.0	13.6	1.5	42976.4	0.00	99.74
100.0-101.0	14.3	1.5	42977.9	0.00	99.74
101.0-102.0	13.9	1.5	42979.4	0.00	99.75
102.0-103.0	13.8	1.5	42980.9	0.00	99.75
103.0-104.0	13.4	1.4	42982.3	0.00	99.75
104.0-105.0	13.3	1.4	42983.7	0.00	99.76
105.0-106.0	13.8	1.5	42985.2	0.00	99.76
106.0-107.0	14.0	1.5	42986.7	0.00	99.76
107.0-108.0	13.9	1.4	42988.1	0.00	99.77

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Gamma Plane (°):0.0-180.0:1.0
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 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	14.0	1.5	42989.6	0.00	99.77
109.0-110.0	14.3	1.5	42991.1	0.00	99.77
110.0-111.0	13.9	1.4	42992.5	0.00	99.78
111.0-112.0	14.3	1.5	42993.9	0.00	99.78
112.0-113.0	14.8	1.5	42995.5	0.00	99.78
113.0-114.0	14.5	1.5	42996.9	0.00	99.79
114.0-115.0	14.2	1.4	42998.3	0.00	99.79
115.0-116.0	14.5	1.4	42999.8	0.00	99.79
116.0-117.0	14.9	1.5	43001.2	0.00	99.80
117.0-118.0	14.6	1.4	43002.6	0.00	99.80
118.0-119.0	14.6	1.4	43004.0	0.00	99.80
119.0-120.0	15.0	1.4	43005.5	0.00	99.81
120.0-121.0	15.2	1.4	43006.9	0.00	99.81
121.0-122.0	15.4	1.4	43008.4	0.00	99.81
122.0-123.0	16.3	1.5	43009.9	0.00	99.82
123.0-124.0	16.4	1.5	43011.4	0.00	99.82
124.0-125.0	16.9	1.5	43012.9	0.00	99.82
125.0-126.0	18.1	1.6	43014.5	0.00	99.83
126.0-127.0	17.8	1.6	43016.1	0.00	99.83
127.0-128.0	18.2	1.6	43017.7	0.00	99.84
128.0-129.0	18.9	1.6	43019.3	0.00	99.84
129.0-130.0	20.0	1.7	43021.0	0.00	99.84
130.0-131.0	21.0	1.7	43022.7	0.00	99.85
131.0-132.0	21.0	1.7	43024.4	0.00	99.85
132.0-133.0	21.7	1.8	43026.2	0.00	99.85
133.0-134.0	22.7	1.8	43028.0	0.00	99.86
134.0-135.0	23.1	1.8	43029.8	0.00	99.86
135.0-136.0	23.6	1.8	43031.6	0.00	99.87
136.0-137.0	24.5	1.9	43033.5	0.00	99.87
137.0-138.0	25.0	1.9	43035.3	0.00	99.88
138.0-139.0	25.7	1.9	43037.2	0.00	99.88
139.0-140.0	26.5	1.9	43039.1	0.00	99.88
140.0-141.0	27.6	1.9	43041.0	0.00	99.89
141.0-142.0	28.2	1.9	43042.9	0.00	99.89
142.0-143.0	28.4	1.9	43044.8	0.00	99.90
143.0-144.0	28.8	1.9	43046.7	0.00	99.90

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 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	29.0	1.8	43048.6	0.00	99.91
145.0-146.0	30.3	1.9	43050.4	0.00	99.91
146.0-147.0	31.0	1.9	43052.3	0.00	99.92
147.0-148.0	31.5	1.9	43054.2	0.00	99.92
148.0-149.0	32.4	1.9	43056.0	0.00	99.92
149.0-150.0	31.9	1.8	43057.8	0.00	99.93
150.0-151.0	31.2	1.7	43059.5	0.00	99.93
151.0-152.0	33.0	1.7	43061.2	0.00	99.94
152.0-153.0	33.9	1.7	43062.9	0.00	99.94
153.0-154.0	34.6	1.7	43064.6	0.00	99.94
154.0-155.0	35.3	1.7	43066.3	0.00	99.95
155.0-156.0	35.7	1.6	43067.9	0.00	99.95
156.0-157.0	35.5	1.6	43069.5	0.00	99.96
157.0-158.0	34.9	1.5	43070.9	0.00	99.96
158.0-159.0	36.3	1.5	43072.4	0.00	99.96
159.0-160.0	36.7	1.4	43073.8	0.00	99.97
160.0-161.0	36.3	1.3	43075.1	0.00	99.97
161.0-162.0	36.0	1.3	43076.4	0.00	99.97
162.0-163.0	37.6	1.2	43077.6	0.00	99.97
163.0-164.0	39.1	1.2	43078.8	0.00	99.98
164.0-165.0	39.3	1.2	43080.0	0.00	99.98
165.0-166.0	40.4	1.1	43081.1	0.00	99.98
166.0-167.0	39.9	1.0	43082.1	0.00	99.98
167.0-168.0	39.0	0.9	43083.0	0.00	99.99
168.0-169.0	40.9	0.9	43083.9	0.00	99.99
169.0-170.0	42.5	0.8	43084.8	0.00	99.99
170.0-171.0	42.4	0.8	43085.6	0.00	99.99
171.0-172.0	41.6	0.7	43086.2	0.00	99.99
172.0-173.0	40.7	0.6	43086.8	0.00	100.00
173.0-174.0	41.1	0.5	43087.3	0.00	100.00
174.0-175.0	41.5	0.4	43087.8	0.00	100.00
175.0-176.0	41.9	0.4	43088.1	0.00	100.00
176.0-177.0	42.0	0.3	43088.4	0.00	100.00
177.0-178.0	39.9	0.2	43088.6	0.00	100.00
178.0-179.0	39.6	0.1	43088.7	0.00	100.00
179.0-180.0	40.4	0.0	43088.7	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 °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°): 27620.52 lm

%lum = 64.1%

%lamp = 64.1%

cone flux(120°): 36978.60 lm

%lum = 85.8%

%lamp = 85.8%

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.6 '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	18268.1	18268.1	18268.1	18268.1	18268.1	18268.1	18268.1	18268.1	18268.1	18268.1
G1.0	18260.0	18265.9	18263.7	18246.8	18268.8	18279.9	18267.3	18262.2	18286.3	18273.2
G2.0	18246.9	18258.6	18252.0	18234.4	18251.8	18267.3	18249.0	18248.8	18275.4	18257.8
G3.0	18242.5	18240.3	18238.1	18225.6	18240.7	18252.6	18231.3	18234.0	18260.8	18242.4
G4.0	18225.7	18217.6	18211.8	18194.9	18208.2	18229.0	18204.9	18211.8	18241.8	18222.7
G5.0	18188.5	18189.0	18181.1	18167.1	18185.3	18198.8	18178.4	18177.0	18209.7	18191.9
G6.0	18150.5	18152.4	18145.2	18140.0	18151.3	18170.8	18144.6	18134.8	18176.1	18137.7
G7.0	18112.6	18112.9	18104.3	18096.9	18121.0	18110.4	18105.7	18097.1	18118.4	18097.5
G8.0	18060.0	18055.7	18056.0	18046.4	18073.7	18064.0	18061.5	18056.3	18068.0	18050.6
G9.0	18006.7	18008.1	18003.4	17998.8	18016.8	18016.8	18013.0	17999.3	18025.0	18000.8
G10.0	17933.7	17953.2	17947.1	17944.7	17971.0	17959.3	17959.4	17944.6	17978.2	17951.0
G11.0	17869.5	17896.1	17879.9	17890.5	17905.2	17898.2	17894.0	17892.0	17921.3	17890.3
G12.0	17811.1	17828.7	17822.1	17822.5	17832.8	17835.5	17833.7	17828.3	17849.8	17850.0
G13.0	17732.9	17766.5	17762.1	17755.9	17767.8	17773.6	17773.4	17761.7	17790.6	17786.3
G14.0	17660.7	17684.5	17693.4	17685.6	17693.9	17699.2	17697.0	17698.0	17730.0	17718.9
G15.0	17566.5	17598.8	17610.8	17602.2	17607.4	17607.1	17631.6	17614.4	17649.7	17632.5
G16.0	17473.8	17515.4	17531.8	17525.4	17518.0	17528.2	17552.9	17533.7	17563.6	17558.6
G17.0	17362.8	17427.5	17427.3	17438.3	17431.5	17444.2	17467.7	17430.8	17476.7	17436.3
G18.0	17270.8	17324.3	17325.7	17335.9	17304.4	17346.2	17361.1	17330.8	17385.4	17341.1
G19.0	17162.8	17202.0	17227.7	17225.4	17203.1	17240.1	17272.9	17234.6	17270.8	17239.3
G20.0	17046.0	17084.1	17115.8	17119.3	17092.3	17135.5	17170.0	17128.0	17160.6	17136.8
G21.0	16931.3	16969.1	16998.9	17006.6	16983.6	17006.5	17056.1	17013.2	17051.1	17021.1
G22.0	16797.8	16844.7	16876.8	16883.7	16869.1	16892.3	16939.2	16888.9	16939.4	16897.4
G23.0	16678.8	16721.6	16742.3	16751.3	16749.4	16772.2	16818.7	16761.5	16815.3	16770.7
G24.0	16532.7	16567.9	16599.7	16600.6	16628.9	16634.4	16684.9	16623.8	16681.7	16632.3
G25.0	16381.6	16420.0	16443.2	16455.7	16485.5	16492.9	16536.5	16486.1	16522.5	16496.1
G26.0	16221.0	16260.3	16282.4	16300.6	16352.5	16338.9	16379.9	16332.9	16376.5	16343.1
G27.0	16051.6	16096.3	16111.3	16140.3	16206.9	16185.6	16213.8	16167.8	16219.5	16181.3
G28.0	15875.7	15918.4	15934.4	15969.1	16048.8	16016.9	16033.7	15990.1	16040.7	15985.8
G29.0	15696.8	15721.4	15754.5	15776.7	15864.0	15837.8	15866.9	15803.6	15858.2	15804.9
G30.0	15484.4	15521.5	15538.1	15584.2	15684.4	15666.9	15651.5	15617.0	15652.3	15611.6
G31.0	15278.5	15310.6	15342.9	15383.0	15498.2	15445.8	15461.9	15417.8	15441.3	15413.9
G32.0	15031.8	15094.7	15138.2	15163.5	15293.5	15246.1	15248.8	15213.5	15222.3	15208.9
G33.0	14793.8	14855.9	14886.0	14963.8	15081.4	15031.0	15023.8	14995.1	14995.3	14959.9
G34.0	14538.2	14621.6	14636.0	14712.8	14850.8	14813.6	14774.0	14755.3	14743.4	14731.5
G35.0	14274.7	14357.3	14375.0	14457.4	14611.4	14580.7	14507.9	14493.9	14482.0	14475.2
G36.0	13995.8	14041.7	14088.4	14185.2	14344.6	14324.3	14231.5	14237.0	14174.7	14209.4

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 °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	13700.1	13726.1	13752.8	13864.8	14077.0	14048.7	13921.4	13908.3	13883.4	13917.3
G38.0	13371.6	13376.9	13423.0	13539.9	13783.6	13745.8	13587.7	13594.5	13563.6	13566.5
G39.0	13019.0	13004.9	13040.7	13181.4	13457.7	13398.7	13225.3	13242.8	13217.6	13226.0
G40.0	12632.1	12617.6	12658.3	12800.2	13073.4	13006.0	12827.0	12857.8	12854.7	12849.7
G41.0	12215.2	12162.9	12252.6	12350.9	12695.1	12604.4	12436.0	12447.0	12425.5	12455.7
G42.0	11784.5	11747.7	11866.5	11925.1	12240.6	12120.3	12030.3	12013.1	11998.4	12031.8
G43.0	11314.3	11273.9	11430.1	11448.7	11759.4	11645.7	11568.7	11548.2	11538.5	11527.3
G44.0	10798.2	10801.7	11019.2	10976.8	11222.9	11149.1	11149.7	11061.8	11046.4	11041.8
G45.0	10217.8	10325.0	10609.0	10507.8	10635.4	10629.5	10713.2	10545.1	10454.3	10530.0
G46.0	9568.8	9854.2	10200.4	10062.2	10019.8	10134.4	10322.9	10083.1	9853.5	10029.2
G47.0	8983.3	9403.1	9871.3	9621.0	9452.9	9684.9	9953.2	9633.7	9235.1	9545.2
G48.0	8361.3	8955.7	9485.3	9200.3	8842.5	9222.8	9607.0	9205.1	8657.0	9034.8
G49.0	7838.6	8504.0	9124.9	8771.5	8301.5	8793.2	9216.7	8773.5	8109.4	8584.5
G50.0	7343.6	8074.9	8751.3	8356.6	7777.6	8352.6	8850.7	8335.2	7567.7	8152.5
G51.0	6883.7	7582.1	8352.9	7921.3	7286.8	7912.7	8459.0	7859.2	7104.9	7710.2
G52.0	6479.2	7164.0	7923.7	7444.9	6825.7	7474.9	8045.9	7426.1	6694.6	7295.1
G53.0	6138.3	6768.6	7538.4	7027.9	6468.0	7035.8	7653.4	7023.4	6327.4	6863.1
G54.0	5828.7	6387.9	7163.3	6626.2	6156.9	6640.1	7242.6	6627.3	6013.4	6498.4
G55.0	5556.4	6032.7	6791.2	6209.8	5867.2	6211.9	6871.4	6210.5	5715.6	6136.0
G56.0	5293.6	5682.0	6409.6	5869.6	5630.7	5888.4	6490.7	5866.3	5452.8	5754.5
G57.0	5041.7	5378.9	6013.3	5534.5	5378.7	5555.4	6114.3	5550.2	5205.3	5447.7
G58.0	4805.9	5097.0	5667.5	5257.2	5157.7	5248.8	5769.6	5262.2	4956.3	5165.8
G59.0	4578.2	4838.5	5321.0	4999.6	4933.8	5007.1	5387.4	5003.8	4685.5	4911.0
G60.0	4320.4	4591.7	4994.2	4713.5	4699.5	4772.8	5045.7	4757.3	4435.1	4663.5
G61.0	4090.5	4355.2	4676.1	4467.0	4445.3	4512.7	4723.0	4495.2	4193.4	4431.4
G62.0	3841.5	4111.4	4339.8	4244.5	4177.7	4288.7	4387.1	4270.9	3951.8	4196.3
G63.0	3607.9	3892.5	4046.7	3986.2	3882.9	4045.5	4087.3	4051.8	3693.3	3975.2
G64.0	3356.8	3671.3	3780.5	3757.2	3619.0	3794.9	3813.1	3801.5	3451.0	3754.8
G65.0	3137.0	3429.7	3537.1	3517.2	3344.1	3548.1	3591.1	3578.7	3213.0	3533.7
G66.0	2917.3	3210.8	3315.5	3297.7	3106.9	3338.8	3361.8	3350.7	2989.6	3277.4
G67.0	2733.3	2992.6	3112.3	3092.1	2895.5	3121.4	3166.3	3130.8	2780.8	3053.3
G68.0	2558.1	2782.4	2910.5	2897.5	2702.6	2943.1	2965.7	2914.6	2590.9	2841.0
G69.0	2410.6	2590.6	2737.2	2687.5	2531.2	2763.3	2792.2	2708.8	2431.1	2645.5
G70.0	2264.6	2408.3	2569.8	2508.2	2386.3	2557.7	2609.2	2533.4	2295.3	2451.5
G71.0	2131.0	2243.5	2377.5	2339.9	2229.6	2395.6	2421.8	2344.6	2175.6	2291.8
G72.0	2003.3	2106.6	2213.0	2193.6	2075.9	2223.9	2246.9	2195.0	2042.7	2141.7
G73.0	1890.1	1971.9	2063.9	2031.2	1943.7	2053.0	2104.3	2048.5	1933.2	2009.2

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	1772.6	1821.8	1939.6	1894.3	1818.8	1921.8	1977.1	1902.6	1820.0	1869.4
G75.0	1665.2	1704.6	1825.6	1768.5	1713.1	1795.8	1863.9	1767.9	1703.2	1741.2
G76.0	1542.6	1591.8	1706.4	1662.4	1606.7	1692.6	1755.1	1660.5	1598.1	1615.3
G77.0	1434.5	1497.4	1593.1	1535.1	1496.5	1589.5	1647.1	1561.3	1490.8	1507.6
G78.0	1334.5	1397.8	1473.9	1437.8	1398.2	1477.4	1527.3	1465.1	1378.3	1418.3
G79.0	1218.5	1307.0	1365.0	1329.5	1296.3	1372.1	1411.9	1373.3	1271.7	1316.5
G80.0	1117.7	1189.9	1261.9	1215.3	1183.9	1253.4	1304.6	1260.0	1152.0	1222.1
G81.0	1001.6	1076.4	1160.3	1097.5	1069.4	1125.2	1194.4	1148.2	1047.6	1111.5
G82.0	890.7	957.0	1045.5	976.1	930.4	1009.5	1087.0	1029.8	933.7	979.7
G83.0	776.0	841.3	921.9	849.5	815.2	888.7	965.8	907.6	824.2	853.8
G84.0	670.9	718.3	783.0	738.3	691.0	763.4	848.9	798.8	711.8	736.6
G85.0	555.6	601.9	661.6	614.6	573.5	641.8	707.1	681.8	590.6	624.6
G86.0	440.2	484.7	541.7	479.3	441.9	515.8	594.6	560.4	478.9	514.7
G87.0	338.7	368.3	401.4	345.4	319.3	383.2	459.4	435.3	374.5	397.6
G88.0	249.7	268.0	296.8	231.9	209.1	253.5	344.7	326.5	274.5	298.0
G89.0	170.1	186.0	195.2	136.8	105.7	146.6	232.3	238.4	194.9	210.1
G90.0	98.6	115.7	117.7	73.9	43.6	76.6	138.9	154.7	118.3	123.0
G91.0	44.5	53.4	54.8	32.9	20.0	30.2	58.8	85.9	62.1	60.0
G92.0	27.0	30.0	23.4	17.6	14.0	17.0	31.6	37.8	28.5	30.0
G93.0	17.5	14.6	15.4	14.6	14.8	19.2	18.4	25.9	13.9	19.0
G94.0	15.3	9.5	16.8	16.1	15.5	17.0	18.4	12.6	13.9	11.7
G95.0	16.1	10.2	15.4	13.9	14.8	15.5	14.7	14.8	12.4	10.2
G96.0	16.8	11.0	18.3	15.4	17.0	19.2	15.4	17.0	11.7	7.3
G97.0	15.3	13.9	11.7	14.6	11.1	19.2	17.6	13.3	11.0	13.9
G98.0	19.7	16.8	18.3	15.4	13.3	16.2	16.2	13.3	11.7	13.2
G99.0	13.1	10.2	15.4	14.6	10.3	18.4	16.9	14.1	10.2	13.2
G100.0	15.3	16.1	13.9	12.4	14.8	17.7	18.4	15.6	8.8	14.6
G101.0	16.8	16.1	14.6	17.6	11.1	14.0	14.7	14.1	14.6	14.6
G102.0	13.1	16.1	17.5	16.1	13.3	15.5	16.2	13.3	11.7	8.1
G103.0	15.3	11.0	16.1	15.4	12.6	16.2	17.6	14.8	10.2	16.8
G104.0	15.3	11.0	15.4	9.5	13.3	10.3	18.4	11.8	9.5	14.6
G105.0	14.6	16.8	16.1	16.1	12.6	17.0	17.6	14.1	11.0	13.2
G106.0	16.8	15.4	14.6	14.6	14.8	18.4	15.4	14.1	12.4	12.5
G107.0	16.1	14.6	11.0	19.8	14.0	11.8	18.4	11.1	13.1	13.2
G108.0	14.6	16.8	12.4	14.6	14.0	16.2	17.6	15.6	10.2	15.4
G109.0	17.5	15.4	11.0	15.4	14.0	20.6	15.4	15.6	12.4	13.9
G110.0	15.3	16.8	14.6	14.6	12.6	13.3	17.6	14.8	11.7	14.6

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.6 '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	16.1	16.8	12.4	17.6	11.8	16.2	16.9	17.0	0.0	13.2
G112.0	16.1	15.4	18.3	16.8	13.3	17.0	18.4	15.6	10.2	13.9
G113.0	13.9	16.1	18.3	16.1	14.0	20.6	19.8	8.9	12.4	12.5
G114.0	15.3	13.9	16.1	17.6	13.3	14.7	16.2	17.8	11.7	16.8
G115.0	13.9	16.1	16.8	16.8	10.3	16.2	19.1	11.1	13.1	12.5
G116.0	16.8	16.1	17.5	16.8	15.5	17.7	19.1	13.3	8.8	14.6
G117.0	16.8	14.6	16.1	13.9	17.7	19.9	18.4	11.8	9.5	16.1
G118.0	16.8	13.9	17.5	16.1	12.6	18.4	18.4	9.6	11.0	14.6
G119.0	16.1	16.8	16.1	16.8	13.3	17.7	18.4	11.8	12.4	15.4
G120.0	15.3	16.8	19.0	18.3	13.3	17.7	14.7	8.1	11.0	11.7
G121.0	11.7	16.8	18.3	13.2	17.0	16.2	17.6	14.8	10.2	16.1
G122.0	11.0	14.6	15.4	17.6	17.7	19.2	17.6	9.6	16.1	16.1
G123.0	19.7	19.8	16.8	21.2	18.5	23.6	18.4	17.0	13.9	15.4
G124.0	14.6	13.2	11.0	21.2	14.0	17.0	19.1	16.3	16.1	11.7
G125.0	19.0	19.8	18.3	20.5	14.0	25.8	22.8	15.6	15.3	16.8
G126.0	20.4	20.5	20.5	21.2	13.3	16.2	16.9	22.2	16.1	19.8
G127.0	19.0	13.9	20.5	17.6	18.5	15.5	22.1	20.0	16.1	16.8
G128.0	19.0	16.1	22.7	19.0	20.0	20.6	20.6	19.2	14.6	19.8
G129.0	13.1	23.4	20.5	18.3	17.7	23.6	22.8	19.2	8.8	16.8
G130.0	21.2	16.8	25.6	23.4	23.7	20.6	25.7	17.0	21.9	16.1
G131.0	21.9	23.4	26.3	24.1	20.7	25.1	22.8	20.0	10.2	18.3
G132.0	20.4	20.5	22.7	19.8	24.4	19.2	26.5	13.3	16.8	21.2
G133.0	17.5	19.8	23.4	26.3	21.4	23.6	27.2	20.7	18.2	22.7
G134.0	24.1	26.4	20.5	27.1	18.5	27.3	28.7	17.0	21.9	19.8
G135.0	23.4	24.9	21.9	25.6	18.5	27.3	27.2	22.9	19.7	21.2
G136.0	19.0	24.2	27.8	26.3	28.1	25.1	24.3	20.7	23.4	21.2
G137.0	24.8	24.2	27.8	24.9	27.3	22.8	31.6	24.4	23.4	21.2
G138.0	21.2	23.4	27.1	30.0	26.6	25.1	27.9	25.2	19.0	19.8
G139.0	18.2	25.6	31.4	30.7	26.6	33.2	31.6	24.4	16.1	22.0
G140.0	24.8	25.6	26.3	29.3	31.0	30.2	36.0	25.9	21.9	21.2
G141.0	27.7	23.4	30.0	32.2	25.9	29.5	33.1	25.9	24.1	24.2
G142.0	27.7	27.8	30.7	25.6	27.3	33.9	27.2	27.4	27.7	21.2
G143.0	24.8	27.8	30.0	29.3	30.3	33.9	30.9	23.7	25.6	30.0
G144.0	30.7	27.8	31.4	27.1	29.6	30.2	32.3	28.1	24.1	25.6
G145.0	28.5	32.2	35.8	27.1	25.1	29.5	36.8	27.4	19.7	19.0
G146.0	28.5	33.0	35.1	35.1	32.5	33.9	37.5	28.9	25.6	25.6
G147.0	32.9	32.2	32.2	29.3	34.0	36.8	36.0	32.6	29.9	28.6

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	32.1	30.8	33.6	39.5	26.6	36.8	39.7	31.8	29.9	25.6
G149.0	31.4	34.4	39.5	35.8	35.5	31.7	40.4	22.2	26.3	34.4
G150.0	32.9	27.8	31.4	36.6	23.7	34.6	32.3	32.6	27.7	30.8
G151.0	29.2	37.3	24.9	31.5	31.0	37.6	38.2	26.6	25.6	32.2
G152.0	38.0	38.8	38.7	34.4	29.6	39.1	38.2	28.9	34.3	34.4
G153.0	22.6	33.0	34.4	34.4	30.3	38.3	41.2	37.0	21.9	24.9
G154.0	35.8	35.9	38.0	43.2	35.5	36.8	36.0	36.3	32.1	33.0
G155.0	30.7	31.5	38.0	35.1	36.2	41.3	36.0	30.4	33.6	33.0
G156.0	36.5	38.8	41.7	39.5	40.6	41.3	36.0	40.0	26.3	35.1
G157.0	33.6	33.0	41.7	38.1	38.4	38.3	40.4	35.5	29.9	27.8
G158.0	27.7	38.1	37.3	40.2	37.0	37.6	40.4	37.0	29.9	38.1
G159.0	37.2	36.6	28.5	43.2	32.5	38.3	42.6	32.6	36.5	33.0
G160.0	36.5	38.8	41.7	35.8	31.8	33.9	42.6	37.8	32.9	37.3
G161.0	27.7	34.4	34.4	38.1	31.0	42.7	41.2	36.3	36.5	30.8
G162.0	35.0	37.3	34.4	45.4	34.7	28.7	41.2	22.9	28.5	32.2
G163.0	37.2	40.3	41.7	42.4	39.2	25.8	44.8	40.7	33.6	38.8
G164.0	34.3	43.9	42.4	41.0	37.7	43.5	41.9	43.7	31.4	38.1
G165.0	37.2	33.7	45.3	42.4	39.2	34.6	40.4	37.0	36.5	38.1
G166.0	40.9	41.7	47.5	41.7	37.7	45.0	45.6	40.7	36.5	41.0
G167.0	35.8	35.9	38.0	34.4	42.9	31.7	41.9	37.0	38.7	41.7
G168.0	39.4	42.5	41.7	43.9	31.8	40.5	46.3	40.0	38.0	36.6
G169.0	40.9	41.0	39.5	45.4	39.2	39.8	43.4	40.7	39.4	41.0
G170.0	40.2	34.4	40.9	41.7	40.6	44.2	45.6	37.8	38.7	43.2
G171.0	33.6	44.7	37.3	40.2	42.9	39.8	39.7	37.8	40.9	41.7
G172.0	39.4	33.7	44.6	38.1	42.1	36.8	43.4	41.5	40.2	46.1
G173.0	37.2	30.0	43.1	38.8	39.9	43.5	43.4	36.3	40.9	35.1
G174.0	43.1	38.8	43.1	42.4	42.1	42.0	37.5	42.2	41.6	44.7
G175.0	45.3	26.4	45.3	42.4	45.8	35.4	49.2	44.4	40.9	32.2
G176.0	46.0	39.5	43.1	44.6	41.4	36.1	41.9	39.2	42.3	43.2
G177.0	43.8	43.2	41.7	41.7	39.9	39.1	46.3	43.7	43.1	44.7
G178.0	43.8	38.8	33.6	38.1	28.8	42.7	41.9	40.0	37.2	41.7
G179.0	42.3	45.4	39.5	36.6	35.5	40.5	45.6	44.4	43.1	39.5
G180.0	29.9	41.7	44.6	41.0	43.6	40.5	44.8	44.4	40.9	45.4

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	18268.1	18268.1	18268.1	18268.1	18268.1	18268.1	18268.1			
G1.0	18281.2	18263.7	18277.7	18271.8	18271.0	18251.8	18260.0			
G2.0	18260.0	18260.0	18270.3	18254.8	18268.8	18239.2	18246.9			
G3.0	18247.6	18241.7	18254.8	18236.4	18244.6	18226.6	18242.5			
G4.0	18227.1	18220.5	18232.6	18211.3	18216.6	18204.4	18225.7			
G5.0	18200.1	18194.2	18199.3	18193.7	18193.8	18171.1	18188.5			
G6.0	18158.4	18142.9	18169.8	18159.8	18154.9	18143.7	18150.5			
G7.0	18097.7	18101.2	18109.2	18127.3	18110.8	18081.5	18112.6			
G8.0	18049.5	18058.1	18072.2	18075.8	18069.6	18041.5	18060.0			
G9.0	18001.2	18009.8	18020.5	18032.3	18018.2	17989.7	18006.7			
G10.0	17955.9	17963.7	17974.7	17980.0	17950.6	17937.2	17933.7			
G11.0	17898.9	17924.9	17920.0	17919.5	17899.1	17876.4	17869.5			
G12.0	17831.6	17866.4	17849.8	17852.5	17825.6	17809.8	17811.1			
G13.0	17776.0	17799.8	17803.2	17787.6	17761.7	17750.6	17732.9			
G14.0	17705.1	17733.9	17730.1	17715.4	17685.2	17675.1	17660.7			
G15.0	17634.2	17651.3	17653.9	17636.6	17613.2	17595.1	17566.5			
G16.0	17556.0	17570.0	17573.4	17547.4	17538.2	17505.5	17473.8			
G17.0	17471.2	17455.2	17489.1	17445.7	17437.5	17417.4	17362.8			
G18.0	17384.2	17366.6	17360.6	17347.7	17350.1	17295.3	17270.8			
G19.0	17272.3	17268.6	17263.0	17250.4	17253.1	17194.6	17162.8			
G20.0	17168.5	17169.1	17158.8	17148.8	17139.9	17089.5	17046.0			
G21.0	17052.2	17058.6	17046.5	17027.9	17021.5	16964.4	16931.3			
G22.0	16928.0	16940.1	16931.2	16902.6	16902.5	16839.3	16797.8			
G23.0	16792.0	16809.1	16804.8	16775.9	16757.7	16704.5	16678.8			
G24.0	16648.7	16673.7	16682.1	16641.8	16582.8	16559.4	16532.7			
G25.0	16482.0	16536.2	16545.4	16494.4	16435.0	16407.7	16381.6			
G26.0	16331.4	16390.6	16412.4	16317.5	16276.3	16252.9	16221.0			
G27.0	16162.5	16208.4	16265.3	16148.8	16106.5	16081.9	16051.6			
G28.0	15994.3	16043.0	16102.7	15977.1	15929.4	15906.5	15875.7			
G29.0	15799.1	15857.9	15911.3	15797.3	15739.7	15693.3	15696.8			
G30.0	15607.6	15669.8	15736.2	15609.4	15555.2	15490.4	15484.4			
G31.0	15411.7	15476.7	15531.5	15414.1	15358.3	15281.6	15278.5			
G32.0	15208.4	15276.2	15327.5	15203.4	15146.6	15070.6	15031.8			
G33.0	14987.6	15036.2	15105.0	14988.2	14919.5	14837.4	14793.8			
G34.0	14750.7	14810.8	14850.1	14759.8	14677.7	14600.5	14538.2			
G35.0	14445.1	14570.1	14600.3	14507.0	14379.3	14299.2	14274.7			
G36.0	14161.5	14307.4	14347.5	14252.1	14094.8	14014.2	13995.8			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.6 °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	13861.0	14030.9	14071.9	13927.8	13778.8	13702.5	13700.1			
G38.0	13539.3	13693.5	13771.1	13608.0	13435.5	13368.6	13371.6			
G39.0	13194.2	13353.3	13428.2	13260.2	13032.8	12975.5	13019.0			
G40.0	12790.6	12975.8	13076.4	12875.6	12645.4	12575.8	12632.1			
G41.0	12409.0	12571.9	12693.6	12448.9	12235.3	12141.9	12215.2			
G42.0	12009.1	12133.6	12267.2	11985.4	11806.1	11674.8	11784.5			
G43.0	11602.6	11627.3	11799.3	11457.1	11372.4	11188.4	11314.3			
G44.0	11129.6	11144.4	11218.5	10950.8	10888.8	10611.7	10798.2			
G45.0	10700.4	10640.2	10649.4	10453.4	10486.8	10117.9	10217.8			
G46.0	10293.2	10143.4	10050.1	9992.9	10105.3	9637.4	9568.8			
G47.0	9914.5	9693.4	9435.9	9527.9	9742.2	9174.8	8983.3			
G48.0	9551.1	9212.0	8824.0	9117.5	9377.7	8735.7	8361.3			
G49.0	9138.8	8771.5	8180.3	8700.4	8971.2	8271.6	7838.6			
G50.0	8782.0	8342.0	7651.2	8280.4	8605.2	7854.8	7343.6			
G51.0	8408.4	7893.5	7156.0	7784.4	8198.0	7438.0	6883.7			
G52.0	8016.5	7406.2	6733.3	7367.4	7778.4	7050.8	6479.2			
G53.0	7591.8	6984.0	6324.6	6924.5	7326.3	6629.5	6138.3			
G54.0	7153.8	6563.2	6007.6	6488.3	6943.4	6255.7	5828.7			
G55.0	6776.6	6165.9	5732.6	6077.1	6578.1	5904.0	5556.4			
G56.0	6411.0	5752.5	5488.8	5671.1	6225.3	5583.5	5293.6			
G57.0	6044.0	5431.3	5230.1	5352.0	5843.9	5260.0	5041.7			
G58.0	5688.7	5148.9	5012.8	5074.9	5505.1	4984.6	4805.9			
G59.0	5307.8	4897.9	4799.3	4823.6	5168.4	4731.4	4578.2			
G60.0	4970.0	4650.6	4574.6	4579.0	4845.8	4486.3	4320.4			
G61.0	4662.2	4403.3	4339.6	4335.1	4534.9	4259.8	4090.5			
G62.0	4327.4	4190.4	4073.5	4114.8	4185.0	4019.9	3841.5			
G63.0	4027.6	3976.7	3804.5	3904.7	3891.0	3802.3	3607.9			
G64.0	3744.0	3760.9	3521.5	3675.6	3627.9	3578.7	3356.8			
G65.0	3498.3	3531.9	3241.4	3416.2	3397.8	3355.1	3137.0			
G66.0	3267.3	3280.9	2993.1	3191.4	3189.1	3129.3	2917.3			
G67.0	3079.4	3073.1	2760.3	2994.0	2991.4	2901.3	2733.3			
G68.0	2889.3	2887.2	2585.1	2809.0	2813.5	2705.1	2558.1			
G69.0	2722.6	2681.6	2444.7	2613.7	2650.4	2526.0	2410.6			
G70.0	2564.0	2495.8	2302.8	2437.6	2477.6	2359.4	2264.6			
G71.0	2373.9	2327.5	2160.9	2271.1	2281.4	2201.0	2131.0			
G72.0	2192.6	2166.5	2025.7	2111.2	2118.2	2054.4	2003.3			
G73.0	2037.6	2013.6	1895.6	1941.7	1982.3	1924.8	1890.1			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.6 °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	1919.1	1847.5	1766.3	1795.8	1874.2	1795.3	1772.6			
G75.0	1818.2	1725.3	1634.0	1683.0	1764.7	1666.5	1665.2			
G76.0	1715.9	1619.2	1519.4	1592.4	1650.8	1553.9	1542.6			
G77.0	1612.1	1524.8	1418.2	1491.5	1533.2	1459.2	1434.5			
G78.0	1495.1	1407.8	1317.0	1377.2	1409.7	1354.8	1334.5			
G79.0	1343.0	1301.7	1218.7	1271.1	1270.1	1254.8	1218.5			
G80.0	1230.4	1185.3	1100.4	1150.3	1178.9	1134.9	1117.7			
G81.0	1146.4	1059.5	996.2	1005.1	1089.3	1017.2	1001.6			
G82.0	1038.9	918.3	877.2	884.3	973.1	900.2	890.7			
G83.0	931.4	801.9	749.4	775.9	853.3	782.5	776.0			
G84.0	791.8	696.6	614.1	669.1	696.8	655.2	670.9			
G85.0	640.4	581.0	496.6	543.8	565.9	541.2	555.6			
G86.0	522.7	455.8	379.9	401.6	453.5	428.6	440.2			
G87.0	404.3	324.1	269.0	280.8	331.5	319.8	338.7			
G88.0	296.1	209.3	150.8	174.6	231.5	226.5	249.7			
G89.0	201.1	120.7	66.5	93.6	145.5	151.0	170.1			
G90.0	114.8	59.3	20.0	32.4	67.6	87.4	98.6			
G91.0	49.0	21.2	10.3	13.3	25.0	42.2	44.5			
G92.0	24.1	12.4	14.8	11.8	16.2	20.7	27.0			
G93.0	15.4	13.2	13.3	17.7	13.2	15.6	17.5			
G94.0	16.1	13.9	11.1	14.0	10.3	14.8	15.3			
G95.0	12.4	15.4	16.3	15.5	16.2	11.8	16.1			
G96.0	13.9	13.2	17.0	10.3	13.2	11.8	16.8			
G97.0	13.2	13.9	11.1	9.6	16.2	14.1	15.3			
G98.0	15.4	14.6	15.5	8.1	16.2	14.8	19.7			
G99.0	13.2	13.2	0.0	13.3	14.0	13.3	13.1			
G100.0	16.1	15.4	11.8	11.8	14.0	15.6	15.3			
G101.0	11.7	14.6	11.8	9.6	15.4	15.6	16.8			
G102.0	14.6	9.5	15.5	8.8	15.4	11.8	13.1			
G103.0	16.1	13.2	10.3	12.5	14.7	11.1	15.3			
G104.0	13.9	10.2	13.3	12.5	14.7	12.6	15.3			
G105.0	11.0	10.2	9.6	11.1	14.7	12.6	14.6			
G106.0	13.9	14.6	8.9	10.3	12.5	14.1	16.8			
G107.0	17.5	11.0	13.3	14.7	10.3	13.3	16.1			
G108.0	11.7	12.4	10.3	9.6	15.4	13.3	14.6			
G109.0	15.4	9.5	13.3	11.1	15.4	13.3	17.5			
G110.0	14.6	15.4	13.3	11.8	13.2	14.1	15.3			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	14.6	15.4	14.0	8.8	16.9	9.6	16.1			
G112.0	16.1	13.9	16.3	12.5	17.6	8.9	16.1			
G113.0	12.4	10.2	14.8	14.7	15.4	14.1	13.9			
G114.0	15.4	15.4	16.3	10.3	9.6	8.9	15.3			
G115.0	12.4	17.6	10.3	14.0	14.7	9.6	13.9			
G116.0	13.9	13.9	12.6	15.5	14.0	12.6	16.8			
G117.0	13.9	12.4	14.8	14.0	18.4	11.1	16.8			
G118.0	14.6	13.9	14.0	9.6	14.7	11.8	16.8			
G119.0	16.1	13.9	15.5	9.6	12.5	17.0	16.1			
G120.0	12.4	16.1	17.0	15.5	19.1	15.6	15.3			
G121.0	13.2	14.6	17.0	14.7	16.2	17.8	11.7			
G122.0	15.4	17.6	11.1	16.2	14.0	17.8	11.0			
G123.0	13.9	14.6	16.3	14.7	15.4	15.6	19.7			
G124.0	18.3	15.4	19.2	11.1	15.4	17.8	14.6			
G125.0	15.4	22.0	18.5	14.7	16.9	13.3	19.0			
G126.0	13.2	19.8	18.5	16.2	16.9	18.5	20.4			
G127.0	18.3	13.2	17.0	17.7	16.9	15.6	19.0			
G128.0	21.2	19.8	15.5	17.7	19.1	20.0	19.0			
G129.0	18.3	19.0	20.0	19.2	20.6	19.2	13.1			
G130.0	16.8	22.0	23.7	19.2	23.5	20.7	21.2			
G131.0	19.0	20.5	22.2	18.4	25.7	14.1	21.9			
G132.0	19.0	24.1	22.2	18.4	26.5	22.9	20.4			
G133.0	19.7	22.7	22.9	22.8	27.2	20.0	17.5			
G134.0	25.6	22.0	23.7	22.8	24.3	20.7	24.1			
G135.0	21.2	24.9	25.1	17.7	25.0	22.9	23.4			
G136.0	26.3	24.9	23.7	25.8	24.3	22.2	19.0			
G137.0	21.2	26.3	26.6	25.8	24.3	21.5	24.8			
G138.0	27.1	24.9	26.6	26.5	29.4	23.7	21.2			
G139.0	25.6	29.3	22.9	28.7	26.5	26.6	18.2			
G140.0	27.1	29.3	23.7	25.1	27.9	22.2	24.8			
G141.0	28.5	30.7	30.3	33.2	28.7	28.1	27.7			
G142.0	30.0	30.0	28.8	24.3	32.3	25.9	27.7			
G143.0	25.6	31.5	30.3	26.5	33.8	26.6	24.8			
G144.0	26.3	25.6	29.6	30.9	30.9	29.6	30.7			
G145.0	30.7	31.5	33.3	28.0	33.1	30.4	28.5			
G146.0	28.5	34.4	31.8	29.5	33.8	28.1	28.5			
G147.0	21.9	33.7	22.9	28.0	25.7	33.3	32.9			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 '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	29.2	32.9	31.8	30.2	33.1	33.3	32.1			
G149.0	30.0	34.4	36.2	31.7	29.4	27.4	31.4			
G150.0	29.2	32.9	37.0	28.7	33.1	30.4	32.9			
G151.0	33.6	30.0	24.4	33.2	30.9	30.4	29.2			
G152.0	35.1	34.4	33.3	33.9	36.0	31.8	38.0			
G153.0	35.1	36.6	33.3	35.4	35.3	33.3	22.6			
G154.0	36.6	35.8	36.2	35.4	38.2	34.8	35.8			
G155.0	30.0	35.1	38.4	32.4	34.5	32.6	30.7			
G156.0	40.2	35.8	34.0	36.8	41.2	31.1	36.5			
G157.0	26.3	39.5	9.6	34.6	41.2	32.6	33.6			
G158.0	25.6	40.2	34.7	37.6	35.3	39.2	27.7			
G159.0	38.0	40.2	35.5	34.6	42.6	33.3	37.2			
G160.0	32.2	37.3	39.9	39.1	40.4	31.8	36.5			
G161.0	32.9	41.0	32.5	31.7	43.4	37.0	27.7			
G162.0	41.7	38.8	34.0	42.0	43.4	41.5	35.0			
G163.0	43.9	42.4	37.7	37.6	41.2	34.8	37.2			
G164.0	36.6	29.3	40.6	41.3	44.8	37.8	34.3			
G165.0	36.6	44.6	42.1	38.3	41.9	42.2	37.2			
G166.0	43.1	39.5	43.6	36.1	43.4	37.0	40.9			
G167.0	37.3	40.2	36.2	39.8	45.6	40.0	35.8			
G168.0	38.0	25.6	45.1	43.5	33.1	44.4	39.4			
G169.0	46.8	44.6	42.9	45.0	46.3	42.9	40.9			
G170.0	41.7	43.9	48.0	47.2	49.2	43.7	40.2			
G171.0	46.1	46.1	45.8	42.0	52.9	42.9	33.6			
G172.0	46.1	43.9	32.5	44.2	42.6	42.2	39.4			
G173.0	43.1	36.6	48.8	38.3	44.1	45.2	37.2			
G174.0	40.9	38.1	39.9	47.2	46.3	42.2	43.1			
G175.0	43.9	45.4	36.2	36.1	47.0	40.0	45.3			
G176.0	43.1	42.4	47.3	44.2	46.3	44.4	46.0			
G177.0	32.2	38.8	22.9	45.0	49.2	42.2	43.8			
G178.0	38.7	34.4	37.7	44.2	33.1	45.2	43.8			
G179.0	37.3	39.5	42.9	42.7	43.4	30.4	42.3			
G180.0	41.7	35.1	35.5	39.1	36.0	39.2	29.9			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.6 'C
 Operator:

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