

Report No.:

Test Time: 2021-7-1 16:02

## Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 1.439 A

Power Factor: 0.951

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 277.0 V

Power: 379.59 W

## Photometric Results

CIE Class: Direct

Measurement Flux: 51603.5 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 125.0, 125.6, 125.4, 124.5

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 86.6, 87.1, 86.2, 87.2

Luminaire Efficacy Rating (LER): 136.00

Max. Intensity: 25838.74 cd

S/MH(C0/C180): 1.40

Total Rated Lamp Lumens: 51603.5 lm

Efficiency: 100%

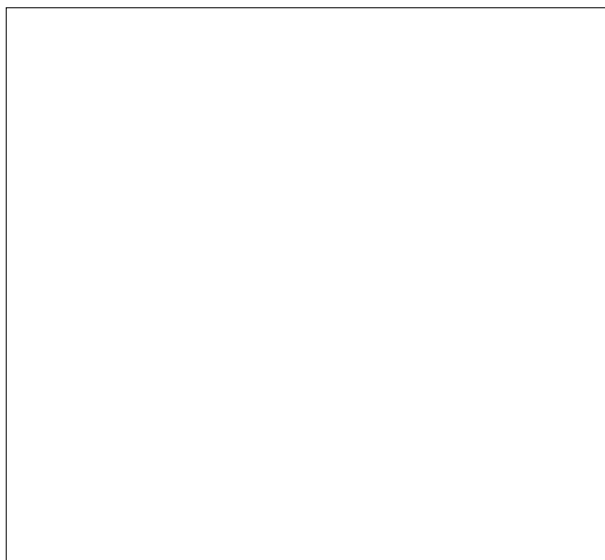
Upward Ratio: 0%

C0r0 Intensity: 25067.67 cd

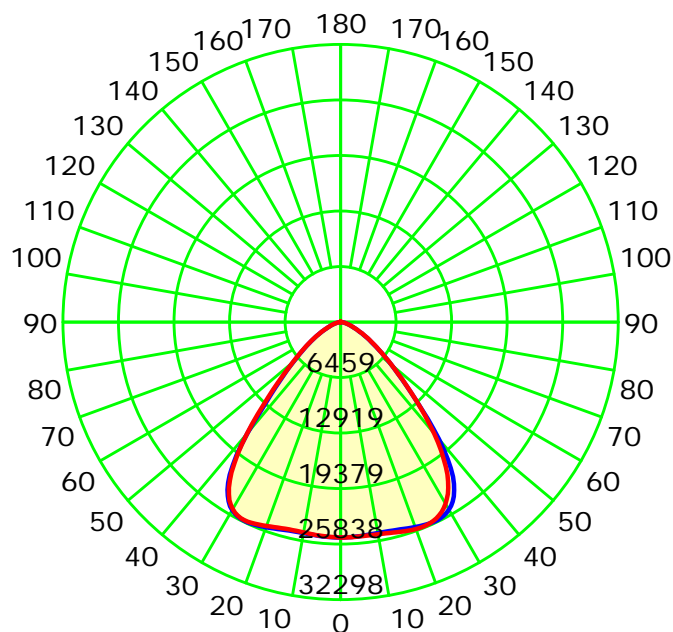
Pos of Max. Intensity: H45 V24

S/MH(C90/C270): 1.38

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 86.9°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

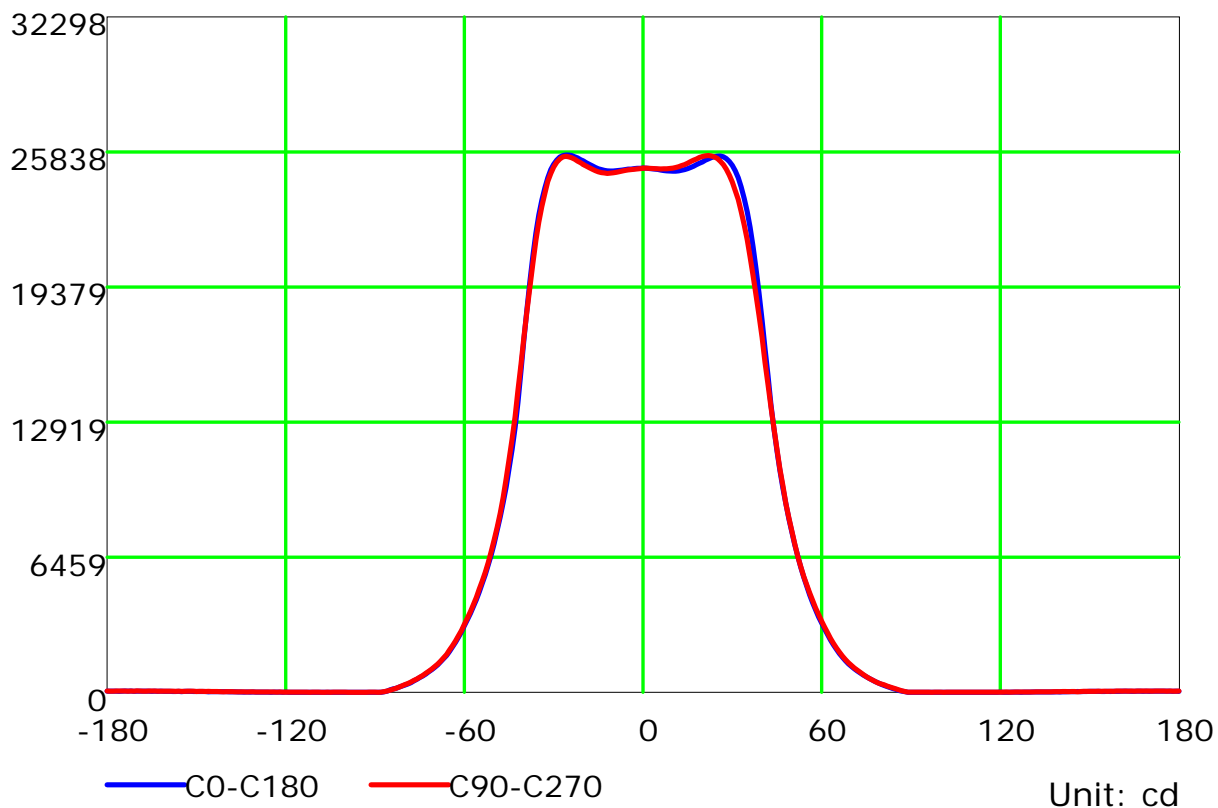
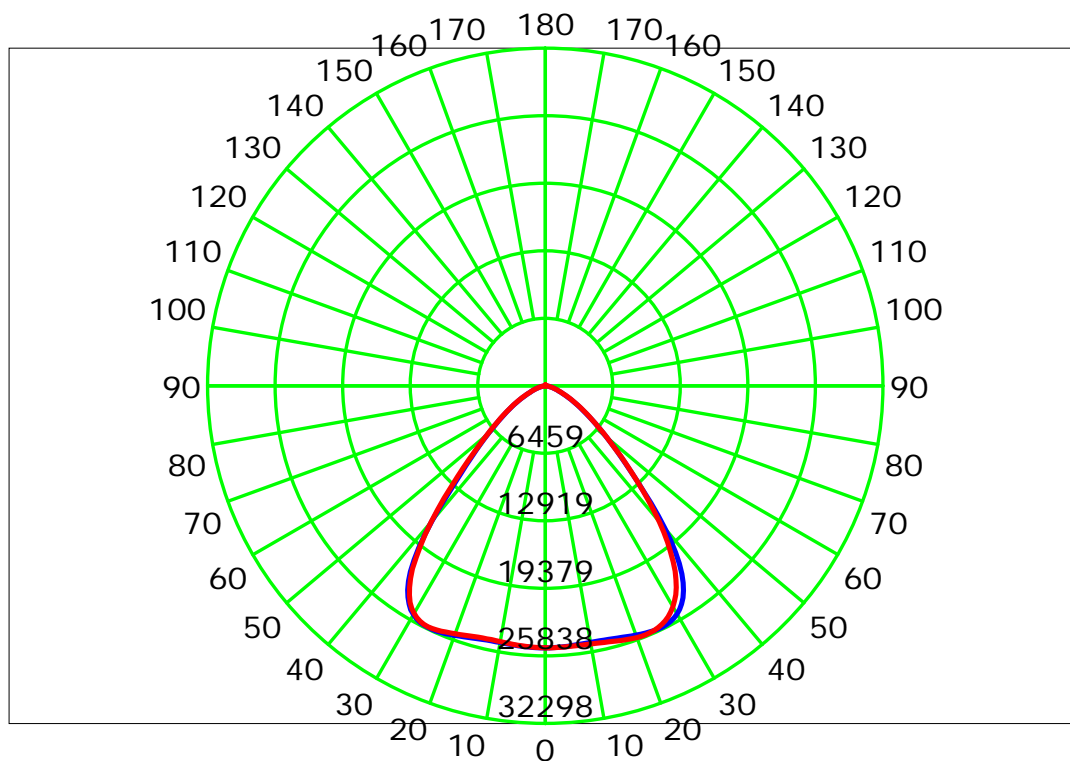
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

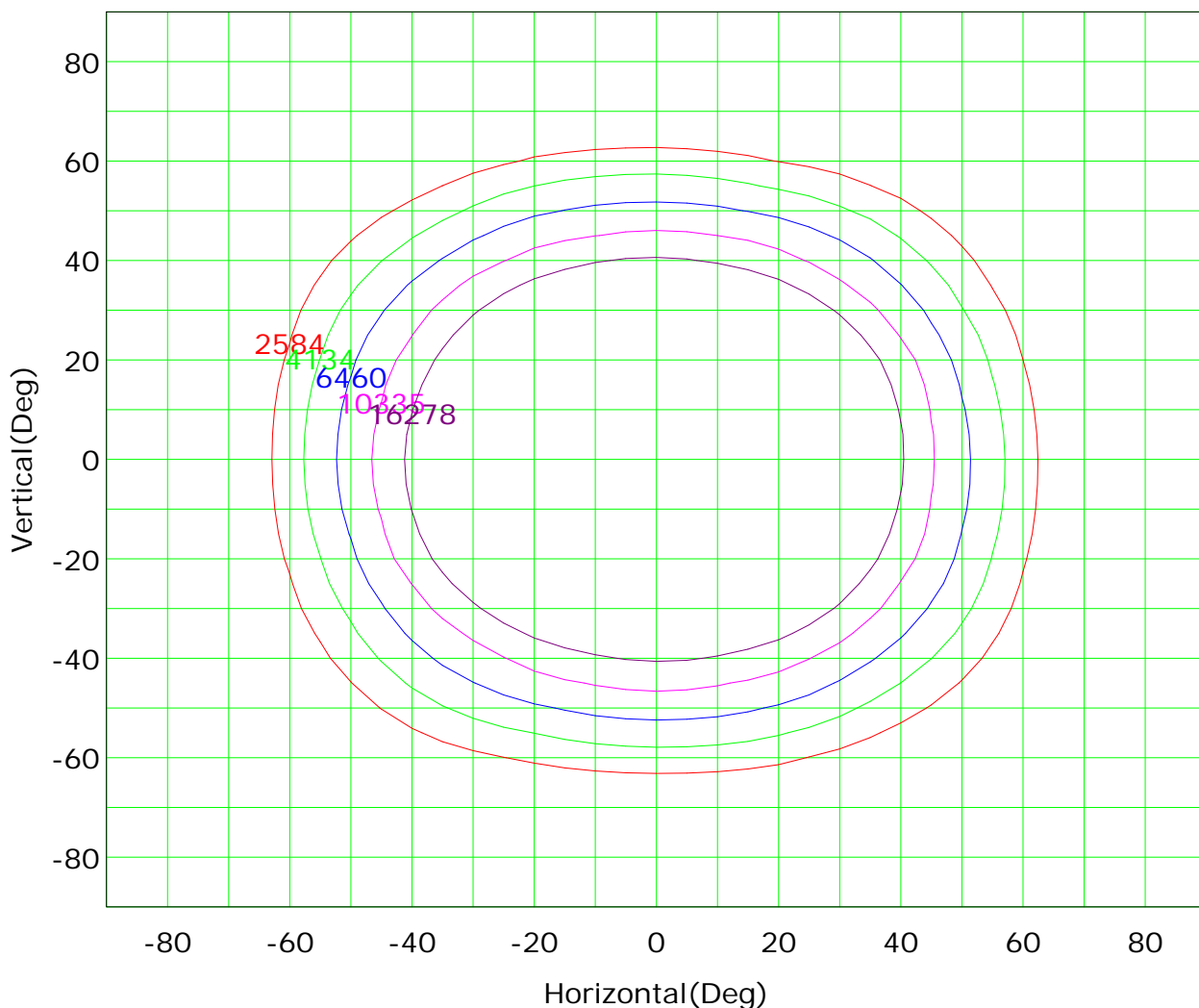
## Luminous Intensity Distribution Curve



C Plane (°): 0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.8 °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%): 25839 cd

( 10%): 2584 cd  
( 25%): 6460 cd  
( 63%): 16278 cd

( 16%): 4134 cd  
( 40%): 10335 cd  
(100%): 25839 cd

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

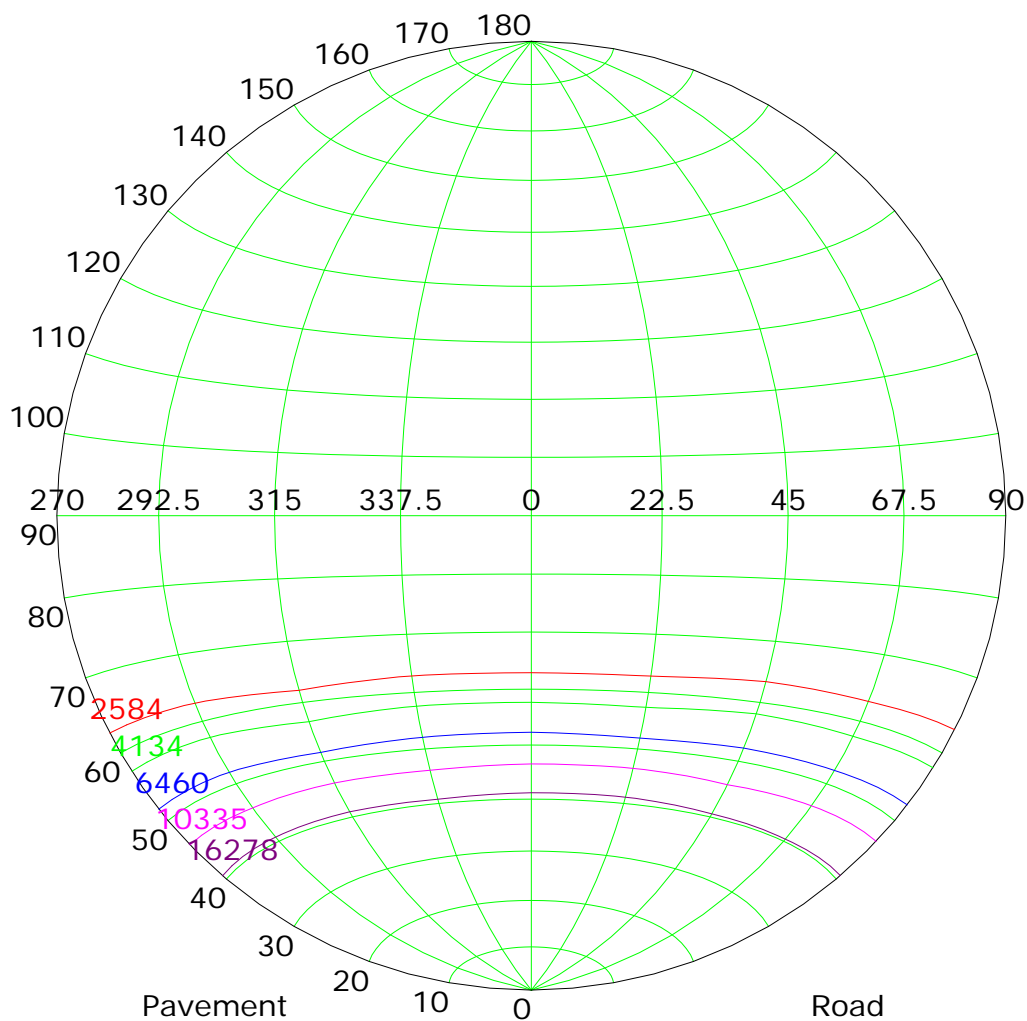
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

## Isocandela (sphere)



Imax (100%): 25839 cd

( 10%): 2584 cd	( 16%): 4134 cd
( 25%): 6460 cd	( 40%): 10335 cd
( 63%): 16278 cd	(100%): 25839 cd

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

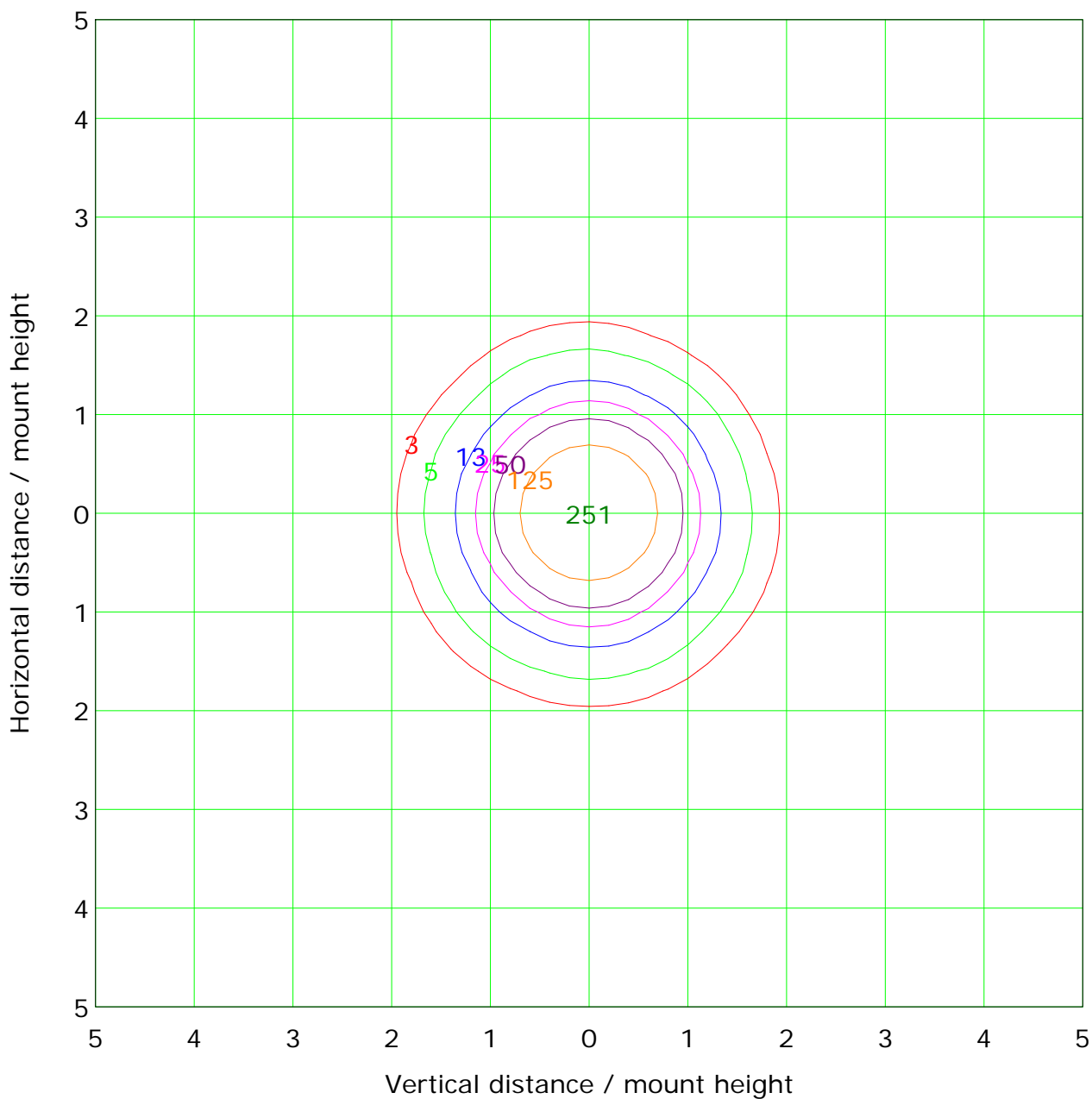
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 250.7 lx

( 1%): 2.5 lx	( 2%): 5.0 lx
( 5%): 12.5 lx	( 10%): 25.1 lx
( 20%): 50.1 lx	( 50%): 125.3 lx
(100%): 250.7 lx	

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

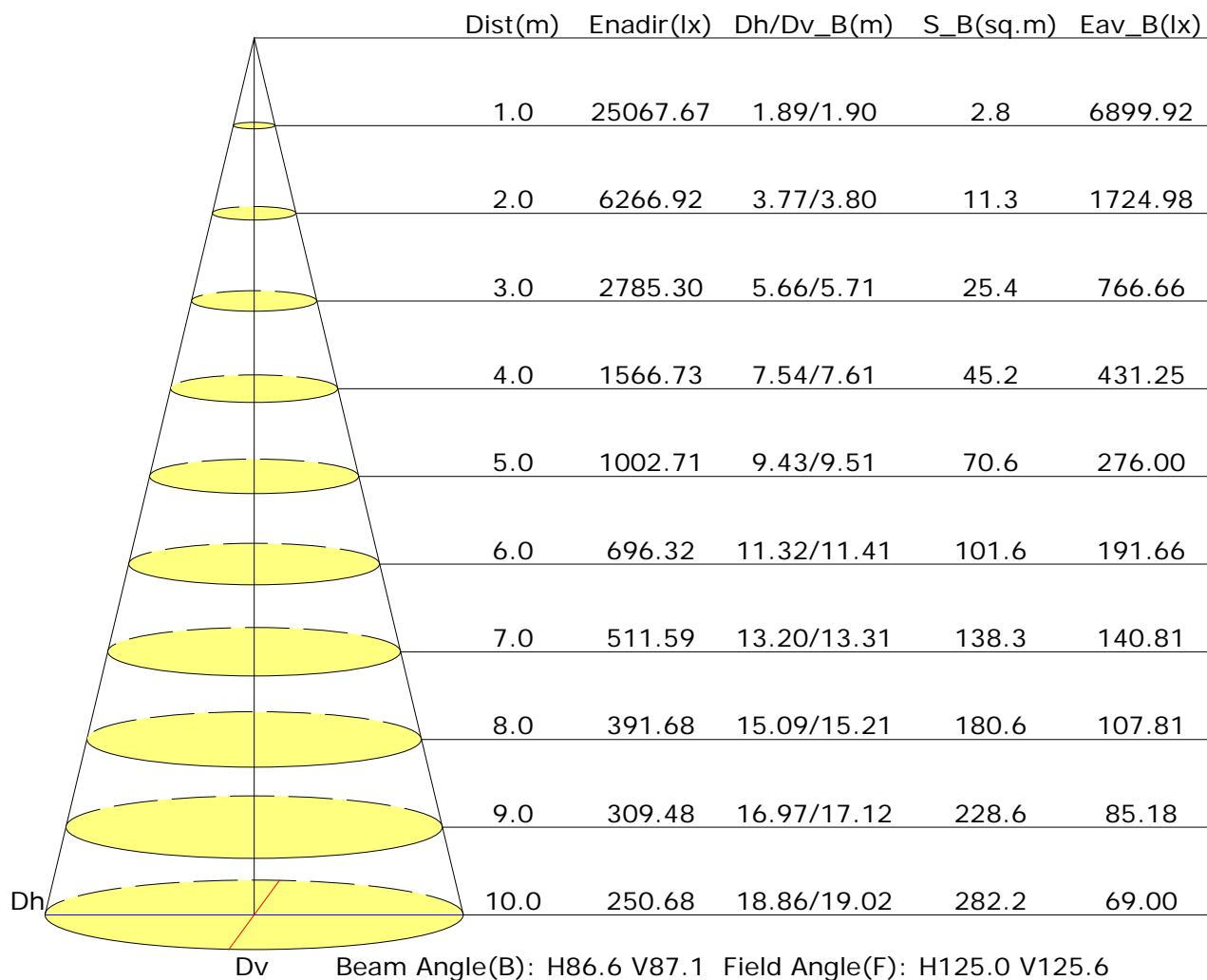
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

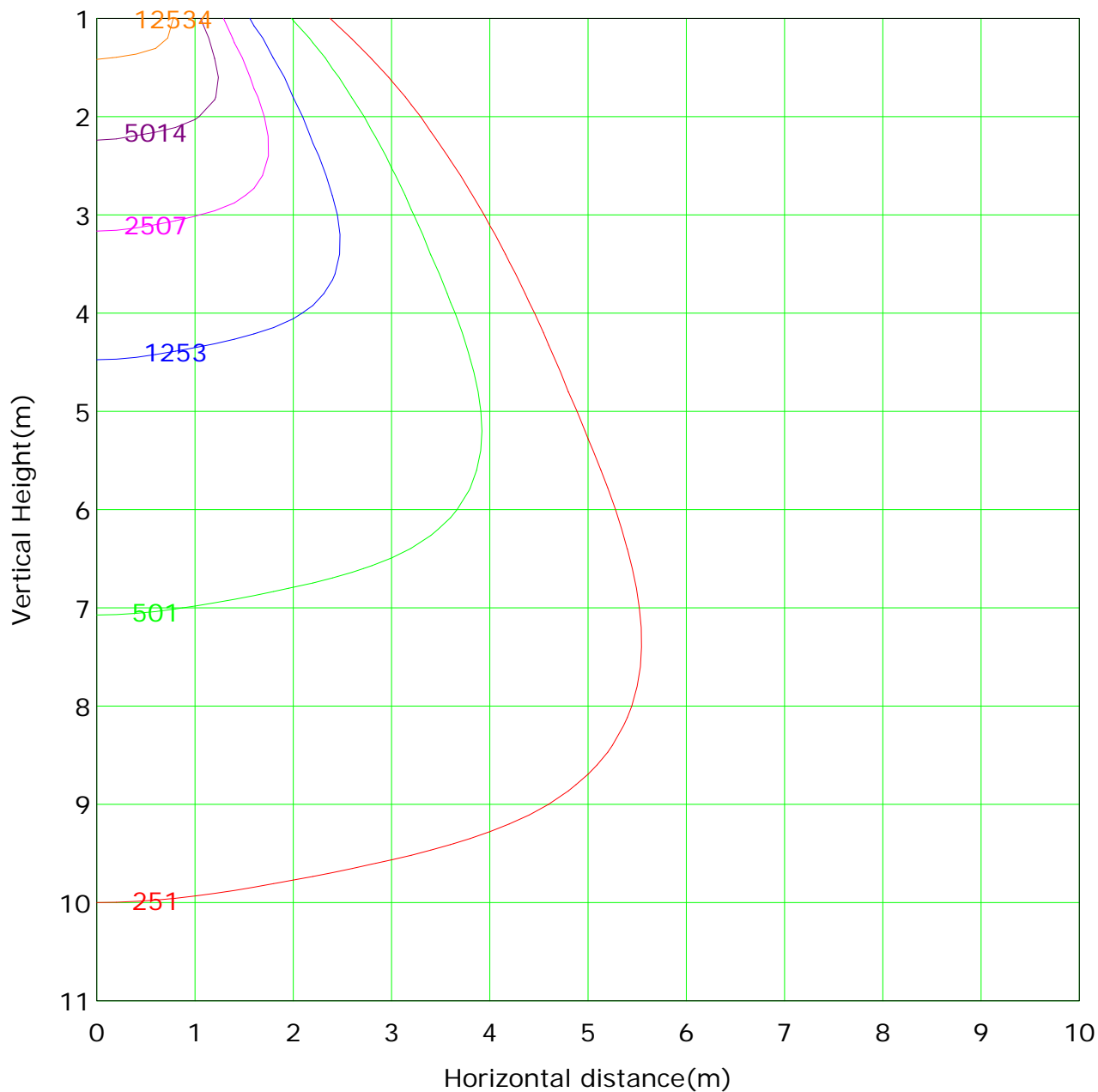
## Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.8 °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: 25067.7 lx

— ( 1%): 250.7 lx	— ( 2%): 501.4 lx
— ( 5%): 1253.4 lx	— ( 10%): 2506.8 lx
— ( 20%): 5013.5 lx	— ( 50%): 12533.8 lx
— (100%): 25067.7 lx	

C Plane (°): 0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °C

Operator:

Gamma Plane (°): 0.0-180.0: 1.0

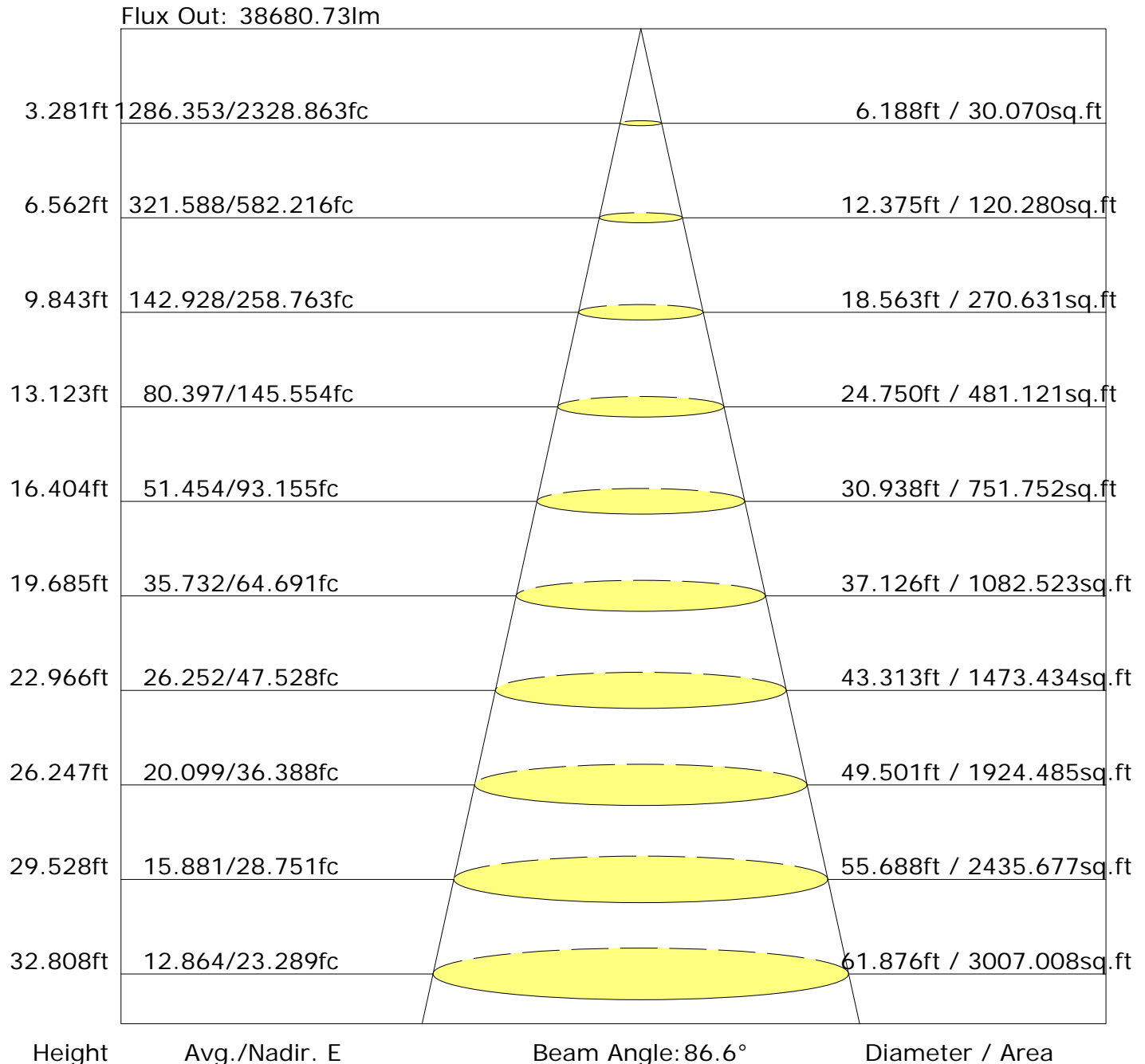
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

## The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 25.8 °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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	25065.9	24.0	24.0	0.05	0.05
1.0-2.0	25060.1	71.9	95.9	0.14	0.19
2.0-3.0	25049.3	119.8	215.7	0.23	0.42
3.0-4.0	25035.4	167.6	383.3	0.32	0.74
4.0-5.0	25020.9	215.3	598.6	0.42	1.16
5.0-6.0	25005.7	262.8	861.4	0.51	1.67
6.0-7.0	24990.0	310.2	1171.7	0.60	2.27
7.0-8.0	24975.9	357.5	1529.2	0.69	2.96
8.0-9.0	24964.8	404.7	1933.8	0.78	3.75
9.0-10.0	24959.2	451.7	2385.6	0.88	4.62
10.0-11.0	24961.4	498.8	2884.4	0.97	5.59
11.0-12.0	24971.4	545.9	3430.3	1.06	6.65
12.0-13.0	24991.0	593.2	4023.5	1.15	7.80
13.0-14.0	25021.1	640.5	4664.0	1.24	9.04
14.0-15.0	25061.8	688.1	5352.2	1.33	10.37
15.0-16.0	25112.1	735.9	6088.1	1.43	11.80
16.0-17.0	25169.5	783.9	6872.0	1.52	13.32
17.0-18.0	25233.0	832.1	7704.1	1.61	14.93
18.0-19.0	25300.8	880.4	8584.4	1.71	16.64
19.0-20.0	25370.7	928.7	9513.1	1.80	18.44
20.0-21.0	25438.4	976.9	10490.1	1.89	20.33
21.0-22.0	25499.1	1024.8	11514.9	1.99	22.31
22.0-23.0	25549.9	1072.2	12587.1	2.08	24.39
23.0-24.0	25585.3	1118.8	13705.9	2.17	26.56
24.0-25.0	25600.7	1164.2	14870.1	2.26	28.82
25.0-26.0	25588.9	1208.1	16078.2	2.34	31.16
26.0-27.0	25541.1	1249.7	17327.9	2.42	33.58
27.0-28.0	25451.8	1288.8	18616.7	2.50	36.08
28.0-29.0	25310.0	1324.4	19941.0	2.57	38.64
29.0-30.0	25105.6	1355.7	21296.7	2.63	41.27
30.0-31.0	24836.0	1382.3	22679.0	2.68	43.95
31.0-32.0	24492.7	1403.4	24082.4	2.72	46.67
32.0-33.0	24055.8	1417.4	25499.8	2.75	49.41
33.0-34.0	23525.1	1423.9	26923.7	2.76	52.17
34.0-35.0	22880.3	1421.2	28344.8	2.75	54.93
35.0-36.0	22116.1	1408.4	29753.2	2.73	57.66

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	21236.3	1385.2	31138.4	2.68	60.34
37.0-38.0	20234.3	1350.8	32489.2	2.62	62.96
38.0-39.0	19105.8	1304.3	33793.5	2.53	65.49
39.0-40.0	17872.8	1246.7	35040.1	2.42	67.90
40.0-41.0	16574.4	1180.4	36220.5	2.29	70.19
41.0-42.0	15259.1	1108.8	37329.3	2.15	72.34
42.0-43.0	13979.5	1035.7	38365.0	2.01	74.35
43.0-44.0	12779.6	964.7	39329.7	1.87	76.22
44.0-45.0	11698.9	899.2	40228.9	1.74	77.96
45.0-46.0	10726.3	839.0	41067.9	1.63	79.58
46.0-47.0	9855.6	784.0	41851.8	1.52	81.10
47.0-48.0	9073.3	733.6	42585.4	1.42	82.52
48.0-49.0	8359.3	686.6	43272.0	1.33	83.85
49.0-50.0	7707.8	642.7	43914.7	1.25	85.10
50.0-51.0	7114.7	602.0	44516.7	1.17	86.27
51.0-52.0	6568.9	563.8	45080.5	1.09	87.36
52.0-53.0	6065.7	527.7	45608.2	1.02	88.38
53.0-54.0	5599.5	493.6	46101.8	0.96	89.34
54.0-55.0	5163.6	461.0	46562.8	0.89	90.23
55.0-56.0	4762.0	430.4	46993.1	0.83	91.07
56.0-57.0	4390.4	401.5	47394.6	0.78	91.84
57.0-58.0	4044.1	374.0	47768.7	0.72	92.57
58.0-59.0	3718.7	347.7	48116.4	0.67	93.24
59.0-60.0	3409.8	322.2	48438.5	0.62	93.87
60.0-61.0	3120.9	297.9	48736.4	0.58	94.44
61.0-62.0	2849.2	274.6	49011.0	0.53	94.98
62.0-63.0	2590.9	252.0	49263.0	0.49	95.46
63.0-64.0	2349.6	230.6	49493.6	0.45	95.91
64.0-65.0	2128.4	210.7	49704.3	0.41	96.32
65.0-66.0	1928.9	192.5	49896.8	0.37	96.69
66.0-67.0	1748.8	175.9	50072.6	0.34	97.03
67.0-68.0	1584.3	160.5	50233.1	0.31	97.34
68.0-69.0	1435.7	146.5	50379.6	0.28	97.63
69.0-70.0	1301.6	133.7	50513.3	0.26	97.89
70.0-71.0	1179.6	121.9	50635.2	0.24	98.12
71.0-72.0	1070.0	111.3	50746.5	0.22	98.34

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	969.4	101.4	50847.9	0.20	98.54
73.0-74.0	872.5	91.7	50939.6	0.18	98.71
74.0-75.0	781.8	82.6	51022.2	0.16	98.87
75.0-76.0	697.5	74.0	51096.3	0.14	99.02
76.0-77.0	617.5	65.8	51162.1	0.13	99.14
77.0-78.0	541.6	58.0	51220.1	0.11	99.26
78.0-79.0	471.6	50.7	51270.8	0.10	99.36
79.0-80.0	410.4	44.2	51315.1	0.09	99.44
80.0-81.0	356.5	38.6	51353.6	0.07	99.52
81.0-82.0	304.0	33.0	51386.6	0.06	99.58
82.0-83.0	252.5	27.4	51414.0	0.05	99.63
83.0-84.0	202.8	22.1	51436.1	0.04	99.68
84.0-85.0	154.5	16.9	51453.0	0.03	99.71
85.0-86.0	107.6	11.8	51464.8	0.02	99.73
86.0-87.0	66.9	7.3	51472.1	0.01	99.75
87.0-88.0	36.2	4.0	51476.0	0.01	99.75
88.0-89.0	15.5	1.7	51477.7	0.00	99.76
89.0-90.0	7.9	0.9	51478.6	0.00	99.76
90.0-91.0	7.3	0.8	51479.4	0.00	99.76
91.0-92.0	7.1	0.8	51480.2	0.00	99.76
92.0-93.0	7.1	0.8	51481.0	0.00	99.76
93.0-94.0	6.3	0.7	51481.6	0.00	99.76
94.0-95.0	6.5	0.7	51482.4	0.00	99.77
95.0-96.0	6.8	0.7	51483.1	0.00	99.77
96.0-97.0	5.9	0.6	51483.7	0.00	99.77
97.0-98.0	5.5	0.6	51484.3	0.00	99.77
98.0-99.0	5.7	0.6	51484.9	0.00	99.77
99.0-100.0	5.4	0.6	51485.5	0.00	99.77
100.0-101.0	5.3	0.6	51486.1	0.00	99.77
101.0-102.0	5.7	0.6	51486.7	0.00	99.77
102.0-103.0	5.4	0.6	51487.3	0.00	99.77
103.0-104.0	5.4	0.6	51487.9	0.00	99.78
104.0-105.0	5.8	0.6	51488.5	0.00	99.78
105.0-106.0	6.2	0.7	51489.1	0.00	99.78
106.0-107.0	6.3	0.7	51489.8	0.00	99.78
107.0-108.0	6.8	0.7	51490.5	0.00	99.78

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	6.7	0.7	51491.2	0.00	99.78
109.0-110.0	5.7	0.6	51491.8	0.00	99.78
110.0-111.0	6.2	0.6	51492.4	0.00	99.78
111.0-112.0	6.9	0.7	51493.1	0.00	99.79
112.0-113.0	7.0	0.7	51493.8	0.00	99.79
113.0-114.0	7.4	0.7	51494.6	0.00	99.79
114.0-115.0	7.5	0.8	51495.3	0.00	99.79
115.0-116.0	7.2	0.7	51496.0	0.00	99.79
116.0-117.0	7.7	0.8	51496.8	0.00	99.79
117.0-118.0	8.8	0.9	51497.6	0.00	99.79
118.0-119.0	8.6	0.8	51498.5	0.00	99.80
119.0-120.0	9.5	0.9	51499.4	0.00	99.80
120.0-121.0	11.2	1.1	51500.4	0.00	99.80
121.0-122.0	11.4	1.1	51501.5	0.00	99.80
122.0-123.0	12.4	1.1	51502.6	0.00	99.80
123.0-124.0	13.2	1.2	51503.8	0.00	99.81
124.0-125.0	13.6	1.2	51505.1	0.00	99.81
125.0-126.0	15.0	1.3	51506.4	0.00	99.81
126.0-127.0	15.8	1.4	51507.8	0.00	99.81
127.0-128.0	16.2	1.4	51509.2	0.00	99.82
128.0-129.0	16.9	1.5	51510.7	0.00	99.82
129.0-130.0	18.2	1.5	51512.2	0.00	99.82
130.0-131.0	20.2	1.7	51513.9	0.00	99.83
131.0-132.0	21.3	1.7	51515.6	0.00	99.83
132.0-133.0	22.0	1.8	51517.4	0.00	99.83
133.0-134.0	23.0	1.8	51519.3	0.00	99.84
134.0-135.0	23.9	1.9	51521.1	0.00	99.84
135.0-136.0	25.6	2.0	51523.1	0.00	99.84
136.0-137.0	26.7	2.0	51525.1	0.00	99.85
137.0-138.0	28.3	2.1	51527.2	0.00	99.85
138.0-139.0	30.5	2.2	51529.4	0.00	99.86
139.0-140.0	32.1	2.3	51531.7	0.00	99.86
140.0-141.0	32.2	2.2	51533.9	0.00	99.87
141.0-142.0	33.7	2.3	51536.3	0.00	99.87
142.0-143.0	36.3	2.4	51538.7	0.00	99.87
143.0-144.0	37.4	2.4	51541.1	0.00	99.88

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	39.2	2.5	51543.6	0.00	99.88
145.0-146.0	39.9	2.5	51546.1	0.00	99.89
146.0-147.0	41.2	2.5	51548.6	0.00	99.89
147.0-148.0	43.5	2.6	51551.1	0.00	99.90
148.0-149.0	45.7	2.6	51553.8	0.01	99.90
149.0-150.0	47.5	2.6	51556.4	0.01	99.91
150.0-151.0	49.0	2.6	51559.1	0.01	99.91
151.0-152.0	50.6	2.6	51561.7	0.01	99.92
152.0-153.0	51.7	2.6	51564.3	0.01	99.92
153.0-154.0	52.5	2.6	51566.9	0.00	99.93
154.0-155.0	52.2	2.5	51569.3	0.00	99.93
155.0-156.0	52.5	2.4	51571.7	0.00	99.94
156.0-157.0	53.2	2.3	51574.1	0.00	99.94
157.0-158.0	53.2	2.2	51576.3	0.00	99.95
158.0-159.0	54.5	2.2	51578.5	0.00	99.95
159.0-160.0	56.5	2.2	51580.6	0.00	99.96
160.0-161.0	57.5	2.1	51582.8	0.00	99.96
161.0-162.0	58.1	2.0	51584.8	0.00	99.96
162.0-163.0	58.4	1.9	51586.7	0.00	99.97
163.0-164.0	59.2	1.8	51588.5	0.00	99.97
164.0-165.0	60.0	1.8	51590.3	0.00	99.97
165.0-166.0	60.4	1.7	51592.0	0.00	99.98
166.0-167.0	60.8	1.6	51593.5	0.00	99.98
167.0-168.0	60.7	1.4	51595.0	0.00	99.98
168.0-169.0	61.6	1.3	51596.3	0.00	99.99
169.0-170.0	62.8	1.3	51597.6	0.00	99.99
170.0-171.0	61.6	1.1	51598.7	0.00	99.99
171.0-172.0	62.2	1.0	51599.7	0.00	99.99
172.0-173.0	63.4	0.9	51600.6	0.00	99.99
173.0-174.0	63.2	0.8	51601.4	0.00	100.00
174.0-175.0	63.4	0.7	51602.0	0.00	100.00
175.0-176.0	62.0	0.5	51602.6	0.00	100.00
176.0-177.0	60.8	0.4	51603.0	0.00	100.00
177.0-178.0	59.0	0.3	51603.3	0.00	100.00
178.0-179.0	57.5	0.2	51603.4	0.00	100.00
179.0-180.0	58.5	0.1	51603.5	0.00	100.00

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °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	25067.7	25067.7	25067.7	25067.7	25067.7	25067.7	25067.7	25067.7	25067.7	25067.7
G1.0	25067.0	25068.4	25066.2	25064.8	25069.1	25064.1	25069.1	25069.1	25063.4	25063.4
G2.0	25053.4	25057.6	25069.1	25067.0	25059.8	25063.3	25070.6	25056.8	25058.4	25066.2
G3.0	25041.2	25051.9	25065.5	25046.1	25056.1	25059.7	25056.1	25043.8	25047.7	25054.8
G4.0	25021.9	25041.2	25041.1	25041.1	25049.7	25052.5	25052.5	25038.0	25026.9	25042.6
G5.0	25006.2	25027.6	25026.7	25031.7	25040.3	25052.5	25056.1	25021.4	25026.9	25022.6
G6.0	24974.8	25016.1	25028.9	25020.9	25034.6	25048.2	25056.8	25006.2	24997.6	25000.4
G7.0	24952.6	25000.4	25008.1	25018.8	25037.4	25051.1	25057.6	25008.4	24977.6	24984.6
G8.0	24941.2	24993.2	25008.1	25020.9	25041.8	25057.6	25058.3	25004.8	24963.3	24964.6
G9.0	24930.5	24987.5	25007.4	25034.6	25056.9	25075.6	25054.7	24990.3	24943.3	24945.2
G10.0	24923.3	24988.9	25019.6	25052.6	25072.7	25090.8	25058.3	25001.9	24931.2	24945.2
G11.0	24927.6	24998.2	25050.4	25084.2	25099.3	25116.7	25080.0	25012.0	24934.8	24921.6
G12.0	24938.3	25027.6	25082.7	25124.5	25137.5	25140.6	25107.4	25027.2	24942.6	24923.0
G13.0	24968.3	25059.1	25127.3	25163.3	25192.2	25191.1	25136.3	25054.7	24961.9	24912.3
G14.0	25002.7	25102.8	25178.9	25228.0	25241.2	25243.8	25176.0	25090.1	24996.9	24938.8
G15.0	25048.4	25159.3	25240.0	25310.7	25305.9	25301.5	25213.6	25132.7	25041.2	24963.1
G16.0	25097.0	25225.2	25309.6	25381.2	25381.5	25360.7	25271.4	25175.4	25103.4	25008.2
G17.0	25157.7	25291.1	25380.0	25453.8	25450.6	25407.6	25333.6	25231.0	25176.3	25059.8
G18.0	25236.3	25347.7	25466.1	25522.8	25508.2	25475.5	25399.3	25285.9	25244.2	25126.4
G19.0	25309.2	25416.4	25549.4	25599.0	25578.8	25521.7	25452.8	25356.1	25319.9	25190.1
G20.0	25371.4	25480.1	25616.9	25668.8	25632.0	25554.1	25509.9	25433.4	25402.8	25270.3
G21.0	25451.4	25558.9	25688.7	25720.6	25662.3	25573.6	25533.7	25494.1	25477.8	25336.9
G22.0	25515.0	25624.1	25751.9	25760.1	25673.1	25562.8	25556.1	25544.7	25558.6	25391.3
G23.0	25575.0	25683.5	25802.8	25786.0	25652.2	25552.0	25534.4	25570.7	25614.3	25449.3
G24.0	25622.9	25711.4	25838.7	25773.1	25609.0	25498.6	25499.0	25573.6	25672.2	25490.9
G25.0	25644.3	25723.6	25836.6	25740.7	25529.8	25415.6	25442.7	25564.9	25697.9	25527.4
G26.0	25654.3	25688.5	25806.4	25662.3	25397.4	25289.2	25358.9	25526.6	25699.3	25526.7
G27.0	25613.6	25621.2	25717.4	25532.2	25237.5	25147.1	25218.7	25458.0	25666.5	25497.3
G28.0	25525.7	25504.5	25576.7	25344.5	25021.6	24961.6	25070.6	25346.7	25595.0	25443.6
G29.0	25389.9	25345.5	25370.6	25079.2	24741.6	24722.7	24843.7	25166.0	25450.0	25334.8
G30.0	25198.4	25125.0	25084.9	24764.2	24400.4	24426.7	24576.3	24935.4	25254.2	25170.8
G31.0	24947.6	24838.5	24741.0	24364.4	23999.4	24057.9	24250.5	24621.7	24999.1	24952.4
G32.0	24608.2	24471.2	24311.7	23890.6	23566.1	23614.0	23868.9	24237.2	24604.6	24612.9
G33.0	24173.8	24007.1	23783.3	23308.9	23003.2	23091.5	23348.7	23740.0	24123.7	24221.2
G34.0	23624.3	23449.3	23179.5	22706.3	22363.2	22493.8	22836.4	23213.8	23542.1	23702.8
G35.0	22989.7	22789.8	22398.4	21868.6	21649.9	21802.4	22133.4	22545.2	22827.5	23063.3
G36.0	22235.8	22048.6	21595.7	21027.3	20818.5	21065.5	21413.0	21718.4	21969.3	22301.4

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °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	21290.5	21183.6	20655.9	20078.2	19909.3	20241.9	20604.4	20858.3	20866.7	21313.9
G38.0	20257.9	20201.8	19540.2	18923.4	18998.0	19332.5	19678.8	19725.7	19686.3	20270.5
G39.0	19077.5	18969.4	18308.2	17808.8	18011.1	18241.9	18618.8	18545.4	18328.6	19063.9
G40.0	17784.1	17792.8	16970.7	16652.6	16968.8	17175.9	17367.4	17241.6	16870.9	17702.6
G41.0	16450.7	16450.2	15610.9	15492.7	15796.9	15908.5	16144.1	15888.5	15393.9	16291.9
G42.0	15139.5	15236.4	14342.3	14379.6	14717.8	14714.7	14785.7	14546.4	13878.3	14926.3
G43.0	13773.3	13917.3	13029.9	13308.3	13663.3	13428.5	13559.5	13259.9	12662.8	13529.9
G44.0	12607.8	12737.9	11920.0	12295.1	12621.7	12337.2	12300.8	12058.6	11606.7	12340.5
G45.0	11543.8	11597.2	10929.9	11297.8	11618.9	11384.4	11282.0	11007.7	10696.3	11211.9
G46.0	10624.9	10532.3	9986.6	10447.9	10684.6	10524.8	10419.3	10085.5	9817.4	10076.2
G47.0	9762.4	9585.7	9320.3	9677.8	9881.9	9728.7	9525.5	9336.7	9066.4	9144.5
G48.0	9042.8	8757.9	8621.8	8860.2	9041.9	8998.3	8722.7	8600.2	8395.4	8361.1
G49.0	8306.1	8036.0	8035.2	8201.5	8354.5	8338.6	8026.2	7959.1	7757.3	7672.3
G50.0	7663.7	7415.9	7488.9	7565.9	7707.3	7730.8	7336.1	7365.0	7117.1	7075.0
G51.0	7064.2	6828.7	6981.3	6981.3	7096.2	7164.3	6763.1	6806.3	6586.1	6467.1
G52.0	6514.0	6250.8	6523.2	6434.1	6492.9	6596.9	6259.5	6293.1	6096.0	5960.8
G53.0	5994.5	5781.8	6050.1	5953.8	6023.6	6105.4	5787.7	5820.4	5637.2	5486.0
G54.0	5516.5	5352.8	5601.4	5469.8	5547.1	5655.0	5317.3	5397.6	5222.0	5062.1
G55.0	5077.0	4916.7	5209.4	5022.6	5141.8	5223.4	4921.3	4980.6	4801.9	4631.0
G56.0	4666.8	4530.0	4822.4	4631.4	4754.5	4832.9	4536.9	4603.3	4432.5	4275.8
G57.0	4278.8	4202.1	4462.0	4271.2	4389.6	4431.6	4177.8	4257.8	4095.9	3932.8
G58.0	3952.3	3851.2	4114.5	3952.6	4034.0	4088.1	3835.3	3940.5	3775.1	3613.4
G59.0	3607.8	3556.9	3782.8	3633.4	3720.1	3766.2	3534.7	3607.3	3475.6	3318.4
G60.0	3319.9	3252.5	3471.2	3323.5	3402.7	3465.2	3253.7	3317.5	3186.3	3031.2
G61.0	3039.1	2989.0	3196.3	3054.5	3127.0	3168.6	2954.5	3039.9	2896.1	2758.4
G62.0	2767.5	2730.5	2925.6	2791.4	2852.7	2882.7	2711.8	2766.0	2639.6	2515.6
G63.0	2504.6	2472.7	2672.2	2544.0	2585.7	2604.1	2456.7	2522.4	2403.1	2287.2
G64.0	2273.0	2262.1	2415.2	2303.1	2338.0	2347.9	2221.1	2278.2	2176.6	2072.4
G65.0	2054.4	2055.2	2183.3	2091.0	2114.2	2135.7	2009.4	2055.5	1953.6	1867.6
G66.0	1857.2	1862.6	1998.8	1911.2	1925.6	1924.2	1832.4	1872.7	1766.4	1689.3
G67.0	1677.8	1702.2	1801.3	1736.5	1734.8	1753.9	1649.6	1689.1	1608.5	1539.6
G68.0	1519.9	1530.3	1631.2	1579.0	1575.0	1573.4	1500.0	1531.5	1462.0	1407.1
G69.0	1367.7	1395.0	1481.1	1436.7	1422.4	1424.8	1357.7	1385.5	1316.2	1267.5
G70.0	1241.2	1263.9	1336.8	1302.2	1286.4	1289.8	1229.8	1250.4	1193.3	1155.1
G71.0	1126.2	1146.5	1207.6	1174.2	1166.9	1168.5	1120.7	1124.6	1086.1	1053.4
G72.0	1021.8	1041.2	1099.9	1078.6	1056.7	1062.4	1028.9	1032.8	985.4	953.8
G73.0	929.7	950.3	991.5	967.9	957.4	965.7	934.3	932.4	878.2	850.7

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °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	833.9	849.3	891.7	874.4	850.9	855.3	843.2	832.6	786.0	754.1
G75.0	747.4	759.8	805.5	783.0	754.4	761.5	750.7	742.3	708.1	681.0
G76.0	666.0	673.9	714.3	691.0	673.1	685.0	671.3	658.4	623.1	608.0
G77.0	594.5	592.9	622.5	612.6	593.9	616.4	598.3	580.4	548.8	532.8
G78.0	520.2	523.5	544.9	534.3	525.5	537.7	515.9	510.3	466.6	452.6
G79.0	451.6	457.6	471.0	468.8	450.6	464.8	450.9	435.1	404.4	395.3
G80.0	389.4	393.9	410.7	401.9	404.6	420.1	403.2	373.7	349.4	350.2
G81.0	329.4	338.7	352.5	347.3	365.7	389.8	362.0	323.8	299.4	297.9
G82.0	283.0	287.2	292.9	293.4	303.8	324.1	312.1	279.7	249.4	243.5
G83.0	233.7	241.3	247.7	248.8	257.7	265.6	264.5	230.6	198.6	200.5
G84.0	181.5	188.3	205.3	203.5	208.0	212.9	206.7	189.4	160.8	156.8
G85.0	142.9	145.4	152.2	153.2	161.2	159.5	160.4	143.8	116.5	110.3
G86.0	91.5	96.0	102.7	106.4	115.9	109.0	105.5	92.5	60.7	65.9
G87.0	59.3	61.6	59.6	66.9	74.1	69.3	64.3	55.7	26.4	37.2
G88.0	30.7	27.9	30.2	38.8	40.3	33.9	36.1	20.2	0.0	11.5
G89.0	0.0	8.6	14.4	11.5	12.2	11.5	13.7	11.6	0.0	0.0
G90.0	0.0	0.0	8.6	10.8	13.7	9.4	16.6	10.1	0.0	0.0
G91.0	0.0	0.0	11.5	12.2	9.4	7.9	13.0	10.1	0.0	0.0
G92.0	0.0	0.0	8.6	10.1	12.2	9.4	10.8	13.7	0.0	0.0
G93.0	0.0	0.0	8.6	15.8	10.1	8.7	13.0	10.8	0.0	0.0
G94.0	0.0	0.0	11.5	7.9	10.1	8.7	9.4	0.0	0.0	0.0
G95.0	0.0	0.0	10.0	12.9	11.5	7.9	10.8	10.1	0.0	0.0
G96.0	0.0	0.0	10.0	10.1	7.9	7.2	12.3	9.4	0.0	0.0
G97.0	0.0	0.0	10.0	11.5	0.0	10.8	8.7	12.3	0.0	0.0
G98.0	0.0	0.0	10.0	13.7	8.6	9.4	11.6	12.3	0.0	0.0
G99.0	0.0	0.0	10.0	8.6	10.8	8.7	7.2	9.4	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	10.8	10.1	10.8	0.0	0.0	0.0
G101.0	0.0	0.0	7.9	7.9	0.0	11.5	0.0	12.3	0.0	0.0
G102.0	0.0	0.0	7.9	8.6	8.6	7.9	13.0	7.2	0.0	0.0
G103.0	0.0	0.0	8.6	7.2	9.4	9.4	10.1	8.7	0.0	0.0
G104.0	0.0	0.0	7.9	7.9	10.8	7.9	0.0	11.6	0.0	0.0
G105.0	0.0	0.0	0.0	10.1	10.1	7.9	10.1	10.1	0.0	0.0
G106.0	0.0	0.0	9.3	11.5	10.1	7.9	10.8	7.2	0.0	0.0
G107.0	0.0	7.2	10.0	0.0	12.2	12.3	13.0	9.4	0.0	0.0
G108.0	0.0	7.9	8.6	10.1	11.5	11.5	11.6	0.0	0.0	0.0
G109.0	0.0	0.0	7.2	11.5	13.0	0.0	10.1	10.1	0.0	0.0
G110.0	0.0	0.0	10.8	0.0	7.9	0.0	10.1	10.1	0.0	0.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °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	7.2	10.0	10.1	10.8	0.0	10.8	12.3	0.0	0.0
G112.0	0.0	0.0	7.2	8.6	8.6	10.8	10.1	14.5	0.0	7.2
G113.0	0.0	0.0	10.8	0.0	11.5	13.7	12.3	12.3	0.0	0.0
G114.0	0.0	8.6	10.8	12.2	13.0	8.7	7.9	7.2	0.0	0.0
G115.0	0.0	7.9	9.3	14.4	11.5	0.0	10.8	13.0	0.0	7.9
G116.0	0.0	0.0	9.3	7.9	12.2	10.8	13.0	12.3	0.0	0.0
G117.0	0.0	10.7	7.2	12.2	12.2	10.8	12.3	8.0	0.0	0.0
G118.0	0.0	8.6	9.3	9.3	13.7	10.8	14.4	12.3	0.0	0.0
G119.0	0.0	0.0	12.9	13.7	15.1	13.7	0.0	10.1	0.0	0.0
G120.0	7.9	8.6	13.6	12.9	14.4	13.0	13.7	11.6	7.9	0.0
G121.0	7.2	10.7	14.4	13.7	13.7	10.8	15.2	13.7	0.0	9.3
G122.0	7.2	0.0	10.8	7.9	16.6	15.9	10.8	11.6	8.6	10.0
G123.0	7.2	7.9	9.3	12.9	13.0	15.9	13.7	17.3	12.1	10.7
G124.0	9.3	15.8	11.5	18.0	14.4	17.3	0.0	14.5	9.3	7.9
G125.0	9.3	10.0	12.2	15.8	16.6	18.0	18.1	18.8	7.2	10.0
G126.0	9.3	13.6	16.5	15.1	18.0	18.8	19.5	16.6	10.0	15.0
G127.0	0.0	10.7	15.8	17.3	20.9	18.0	20.2	15.9	12.9	10.7
G128.0	9.3	10.7	16.5	15.8	18.7	18.0	22.4	18.8	13.6	15.0
G129.0	10.0	14.3	18.7	18.7	18.7	20.9	22.4	16.6	12.9	7.9
G130.0	13.6	20.8	19.4	25.2	15.8	20.2	22.4	23.1	14.3	12.9
G131.0	16.4	20.8	23.7	24.5	21.6	20.9	24.6	23.9	18.6	19.3
G132.0	18.6	15.8	21.5	23.0	25.2	25.3	24.6	22.4	14.3	17.2
G133.0	16.4	17.9	25.8	21.6	25.2	26.7	28.2	25.3	19.3	22.2
G134.0	15.7	21.5	27.3	24.5	23.0	26.7	26.7	26.0	10.0	19.3
G135.0	20.7	18.6	27.3	27.3	23.8	26.7	26.7	27.5	19.3	18.6
G136.0	22.9	25.1	28.0	30.9	29.5	28.2	27.5	26.7	22.1	20.8
G137.0	20.7	27.9	30.2	28.8	29.5	28.9	32.5	27.5	26.4	17.9
G138.0	20.7	26.5	30.9	31.6	36.7	32.5	34.7	29.6	27.1	26.5
G139.0	26.4	27.9	33.0	35.2	36.0	31.8	34.7	27.5	27.9	26.5
G140.0	18.6	32.9	35.9	36.0	33.8	32.5	38.3	34.0	32.2	29.4
G141.0	23.6	29.4	35.9	35.2	38.9	36.8	34.0	36.1	31.4	29.4
G142.0	25.7	36.5	38.8	37.4	41.0	36.1	42.6	39.8	32.2	23.6
G143.0	35.7	37.2	43.1	39.5	33.1	36.8	40.5	37.6	31.4	32.9
G144.0	30.7	38.7	40.2	45.3	41.0	36.1	41.9	39.0	35.7	31.5
G145.0	31.4	38.7	40.2	36.7	43.2	46.2	41.9	42.6	34.3	35.1
G146.0	40.0	38.7	41.6	42.4	25.9	44.0	38.3	44.8	30.0	36.5
G147.0	37.9	43.7	35.9	42.4	39.6	44.7	49.1	42.6	42.9	38.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °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	42.9	45.1	49.5	48.2	48.9	36.1	36.8	41.9	43.6	43.0
G149.0	43.6	44.4	46.7	46.0	52.5	49.1	52.7	41.2	42.2	43.0
G150.0	47.2	49.4	50.3	47.5	51.8	50.5	52.0	44.1	43.6	40.8
G151.0	48.6	48.0	53.8	48.9	50.4	49.1	49.9	49.9	42.2	43.0
G152.0	47.9	48.7	54.6	54.7	48.2	52.7	54.2	49.9	50.7	41.5
G153.0	50.0	53.0	55.3	51.0	55.4	57.7	53.5	54.2	51.5	43.7
G154.0	43.6	53.0	56.7	56.8	52.5	55.6	51.3	49.9	51.5	42.3
G155.0	43.6	51.6	51.0	53.2	57.6	46.2	56.4	57.1	33.6	49.4
G156.0	52.9	54.4	56.7	51.0	53.3	54.1	49.1	58.5	48.6	49.4
G157.0	45.7	50.8	53.1	57.5	58.3	55.6	57.8	50.6	45.0	53.0
G158.0	52.2	43.0	56.7	59.0	48.2	54.1	59.2	57.8	44.3	43.7
G159.0	52.2	53.7	51.0	56.1	61.9	57.0	52.7	58.5	47.9	48.7
G160.0	50.7	54.4	58.2	59.0	61.9	59.9	59.2	60.0	52.9	53.0
G161.0	53.6	58.7	58.2	57.5	59.0	62.8	62.9	60.7	46.5	52.3
G162.0	58.6	55.1	59.6	64.7	64.8	62.1	57.8	49.9	54.3	55.1
G163.0	55.7	55.1	57.4	63.3	59.0	61.4	60.0	57.1	52.2	53.0
G164.0	51.5	60.1	57.4	55.4	66.9	65.0	65.0	61.4	53.6	52.3
G165.0	50.0	59.4	63.2	61.8	59.0	64.2	65.0	62.9	52.9	55.1
G166.0	57.9	60.1	66.1	64.0	61.9	62.8	60.0	57.8	56.5	50.8
G167.0	53.6	55.1	65.3	61.1	61.9	61.4	67.2	62.2	54.3	56.6
G168.0	50.7	60.9	63.9	66.9	62.6	62.1	66.5	64.3	55.0	57.3
G169.0	57.2	57.3	63.2	65.4	66.9	59.2	67.9	65.8	59.3	62.3
G170.0	51.5	61.6	67.5	69.7	61.9	66.4	57.8	58.5	57.2	60.9
G171.0	55.0	50.8	62.5	59.7	56.2	50.5	66.5	52.8	52.9	60.1
G172.0	56.5	60.9	64.6	55.4	63.3	67.8	54.9	66.5	62.9	63.0
G173.0	57.9	61.6	57.4	69.0	66.2	60.6	58.5	66.5	58.6	58.7
G174.0	56.5	59.4	61.7	66.2	65.5	67.1	63.6	60.7	61.5	60.9
G175.0	59.3	61.6	58.2	57.5	64.8	65.7	67.9	63.6	57.2	58.7
G176.0	57.2	56.6	64.6	61.8	58.3	54.9	68.6	63.6	52.2	60.1
G177.0	55.0	52.3	64.6	61.8	63.3	62.1	65.0	57.8	58.6	55.9
G178.0	52.9	60.1	58.2	59.7	60.5	58.5	65.0	56.4	55.7	48.0
G179.0	56.5	45.1	60.3	59.0	60.5	62.8	57.8	56.4	58.6	48.0
G180.0	48.6	59.4	58.9	64.0	62.6	62.1	59.2	58.5	58.6	48.7

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °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	25067.7	25067.7	25067.7	25067.7	25067.7	25067.7	25067.7			
G1.0	25061.2	25065.5	25048.2	25059.0	25063.3	25063.3	25067.0			
G2.0	25056.2	25040.3	25030.2	25054.7	25046.7	25047.4	25053.4			
G3.0	25032.5	25016.6	25019.4	25035.2	25028.6	25025.8	25041.2			
G4.0	25013.1	24998.6	25002.9	25009.9	25009.9	25009.9	25021.9			
G5.0	24989.4	24977.1	24982.0	24983.9	24988.9	24983.8	25006.2			
G6.0	24962.8	24963.4	24960.4	24961.6	24970.8	24960.0	24974.8			
G7.0	24937.0	24931.0	24933.8	24931.3	24946.3	24939.0	24952.6			
G8.0	24918.3	24906.6	24899.9	24903.8	24918.1	24914.4	24941.2			
G9.0	24904.7	24882.2	24869.0	24880.0	24895.0	24902.9	24930.5			
G10.0	24896.8	24868.5	24846.7	24856.2	24879.8	24902.9	24923.3			
G11.0	24877.4	24858.4	24831.6	24844.6	24877.6	24913.7	24927.6			
G12.0	24881.0	24853.4	24818.6	24844.6	24882.7	24925.3	24938.3			
G13.0	24883.9	24859.2	24838.8	24867.0	24905.8	24934.7	24968.3			
G14.0	24901.1	24877.8	24854.6	24887.2	24938.3	24962.9	25002.7			
G15.0	24930.5	24906.6	24892.0	24933.4	24982.4	24995.4	25048.4			
G16.0	24956.4	24943.3	24949.6	24996.2	25032.3	25039.5	25097.0			
G17.0	24988.7	24995.0	25012.2	25077.1	25084.3	25095.9	25157.7			
G18.0	25036.1	25056.2	25085.7	25148.5	25162.3	25158.7	25236.3			
G19.0	25098.5	25116.6	25160.5	25228.6	25238.2	25229.6	25309.2			
G20.0	25178.2	25192.8	25239.7	25326.1	25319.1	25301.8	25371.4			
G21.0	25247.9	25279.8	25328.3	25401.9	25402.2	25372.0	25451.4			
G22.0	25316.1	25351.0	25403.8	25497.1	25475.2	25460.9	25515.0			
G23.0	25378.5	25416.4	25496.7	25572.9	25550.3	25519.4	25575.0			
G24.0	25430.2	25474.7	25564.4	25635.7	25608.1	25572.9	25622.9			
G25.0	25446.7	25529.3	25616.2	25676.1	25652.2	25602.5	25644.3			
G26.0	25448.2	25545.1	25636.3	25677.6	25657.3	25622.8	25654.3			
G27.0	25432.4	25533.6	25604.0	25622.0	25618.3	25599.6	25613.6			
G28.0	25362.7	25493.3	25506.8	25515.2	25528.7	25541.8	25525.7			
G29.0	25270.1	25386.9	25354.9	25342.7	25374.8	25407.4	25389.9			
G30.0	25115.1	25210.0	25124.5	25091.5	25119.7	25202.8	25198.4			
G31.0	24917.6	24970.6	24818.6	24734.9	24808.3	24929.6	24947.6			
G32.0	24645.5	24637.0	24432.1	24318.5	24425.3	24569.0	24608.2			
G33.0	24273.6	24193.3	23866.3	23800.3	23939.0	24099.9	24173.8			
G34.0	23792.6	23643.9	23238.6	23157.9	23360.3	23523.8	23624.3			
G35.0	23104.8	22853.0	22488.5	22414.5	22661.6	22751.2	22989.7			
G36.0	22335.9	21990.8	21621.8	21565.7	21751.1	21915.0	22235.8			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °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	21401.1	20978.4	20515.4	20526.3	20794.5	20970.3	21290.5			
G38.0	20319.2	19799.9	19417.7	19499.2	19767.7	19889.8	20257.9			
G39.0	18942.9	18339.5	18237.8	18392.8	18638.4	18551.9	19077.5			
G40.0	17539.3	16926.5	16986.8	17210.5	17437.5	17224.9	17784.1			
G41.0	15994.3	15549.6	15704.7	15938.8	16042.2	15869.0	16450.7			
G42.0	14441.4	14258.8	14458.7	14612.9	14773.4	14552.2	15139.5			
G43.0	13044.3	13119.9	13182.4	13219.2	13570.3	13311.2	13773.3			
G44.0	11739.1	12003.2	12100.5	12112.7	12461.9	12124.4	12607.8			
G45.0	10772.0	11089.3	11124.4	10990.3	11297.9	11152.3	11543.8			
G46.0	9961.5	10225.7	10211.6	10073.0	10294.3	10279.9	10624.9			
G47.0	9214.1	9413.9	9305.4	9284.1	9393.2	9495.0	9762.4			
G48.0	8544.9	8663.2	8565.4	8615.7	8608.5	8809.8	9042.8			
G49.0	7856.4	7895.2	7892.3	7985.6	7898.3	8074.0	8306.1			
G50.0	7281.4	7273.2	7287.6	7357.7	7216.9	7479.9	7663.7			
G51.0	6716.3	6700.1	6749.2	6834.4	6646.8	6924.1	7064.2			
G52.0	6208.0	6173.1	6205.7	6353.7	6117.2	6416.0	6514.0			
G53.0	5737.1	5630.2	5748.6	5884.6	5626.5	5939.7	5994.5			
G54.0	5249.6	5180.8	5327.5	5445.0	5175.7	5456.9	5516.5			
G55.0	4848.3	4770.2	4939.5	4998.2	4728.4	5047.8	5077.0			
G56.0	4473.5	4384.8	4539.3	4621.5	4353.4	4666.9	4666.8			
G57.0	4089.4	3996.5	4190.9	4270.0	4008.0	4312.7	4278.8			
G58.0	3787.9	3664.3	3862.7	3927.9	3681.4	3964.4	3952.3			
G59.0	3452.6	3363.0	3558.2	3611.0	3347.6	3617.4	3607.8			
G60.0	3156.8	3073.2	3257.3	3282.6	3054.3	3313.9	3319.9			
G61.0	2884.0	2806.5	2958.5	3004.0	2794.1	3037.8	3039.1			
G62.0	2609.0	2539.7	2702.3	2743.4	2541.2	2747.2	2767.5			
G63.0	2368.5	2303.9	2457.5	2469.2	2282.6	2507.3	2504.6			
G64.0	2153.1	2093.9	2228.6	2242.5	2070.8	2269.5	2273.0			
G65.0	1952.1	1904.8	2021.3	2033.9	1875.8	2056.3	2054.4			
G66.0	1764.7	1733.6	1812.6	1841.2	1704.5	1864.7	1857.2			
G67.0	1600.3	1560.4	1645.6	1673.8	1551.3	1673.9	1677.8			
G68.0	1441.6	1425.9	1495.1	1509.9	1394.5	1522.9	1519.9			
G69.0	1310.2	1300.0	1350.4	1375.0	1270.3	1381.2	1367.7			
G70.0	1189.6	1183.6	1228.8	1247.2	1159.7	1251.8	1241.2			
G71.0	1070.5	1064.9	1112.1	1129.6	1057.1	1127.5	1126.2			
G72.0	972.1	968.6	1006.3	1019.9	950.2	1023.4	1021.8			
G73.0	874.5	873.7	911.3	913.0	862.7	925.9	929.7			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °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	787.6	791.7	809.1	822.1	783.3	836.2	833.9			
G75.0	696.4	702.5	725.6	746.3	707.4	743.7	747.4			
G76.0	619.6	625.6	642.1	653.9	637.3	660.6	666.0			
G77.0	545.6	543.6	569.4	570.2	552.8	583.3	594.5			
G78.0	471.7	472.4	496.7	503.1	486.3	512.4	520.2			
G79.0	410.7	415.6	424.0	439.6	429.9	446.7	451.6			
G80.0	361.1	363.1	368.6	373.9	367.1	384.5	389.4			
G81.0	302.3	315.7	313.1	311.8	316.5	326.7	329.4			
G82.0	259.2	261.7	249.8	251.2	264.5	281.2	283.0			
G83.0	212.5	207.8	195.8	199.9	213.9	223.3	233.7			
G84.0	155.1	146.0	147.6	148.7	161.9	174.2	181.5			
G85.0	107.0	97.1	105.8	108.3	111.3	123.6	142.9			
G86.0	59.6	61.1	67.7	67.1	62.1	82.4	91.5			
G87.0	33.0	36.0	33.1	37.5	35.4	44.1	59.3			
G88.0	7.9	16.5	15.1	18.0	16.6	19.5	30.7			
G89.0	7.9	9.3	0.0	11.5	10.1	10.1	0.0			
G90.0	9.3	10.1	8.6	0.0	11.6	11.6	0.0			
G91.0	0.0	7.2	10.8	7.2	10.1	13.0	0.0			
G92.0	0.0	7.2	10.1	12.3	9.4	10.8	0.0			
G93.0	7.9	7.9	0.0	10.1	7.2	10.8	0.0			
G94.0	0.0	9.3	0.0	10.8	11.6	11.6	0.0			
G95.0	8.6	10.8	7.2	13.0	0.0	13.0	0.0			
G96.0	7.9	7.9	0.0	10.8	8.7	8.0	0.0			
G97.0	0.0	7.9	0.0	7.9	10.8	9.4	0.0			
G98.0	0.0	0.0	0.0	0.0	7.9	12.3	0.0			
G99.0	7.2	0.0	0.0	12.3	12.3	8.7	0.0			
G100.0	7.2	7.9	8.6	0.0	11.6	10.8	0.0			
G101.0	7.2	8.6	8.6	10.1	8.7	8.0	0.0			
G102.0	0.0	0.0	9.4	8.7	7.9	12.3	0.0			
G103.0	0.0	0.0	11.5	9.4	0.0	7.2	0.0			
G104.0	0.0	10.1	10.8	12.3	10.8	0.0	0.0			
G105.0	0.0	7.9	7.2	8.7	12.3	10.8	0.0			
G106.0	0.0	7.9	8.6	9.4	10.8	8.0	0.0			
G107.0	0.0	0.0	7.2	9.4	10.1	8.7	0.0			
G108.0	7.2	8.6	7.2	12.3	9.4	12.3	0.0			
G109.0	0.0	0.0	12.2	7.9	9.4	13.7	0.0			
G110.0	0.0	7.9	7.9	10.1	11.6	11.6	0.0			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °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	0.0	8.6	11.5	8.7	9.4	11.6	0.0			
G112.0	0.0	10.1	0.0	10.8	12.3	10.1	0.0			
G113.0	0.0	10.8	11.5	8.7	13.7	9.4	0.0			
G114.0	8.6	7.9	10.1	10.8	10.1	7.2	0.0			
G115.0	0.0	8.6	10.1	0.0	10.1	14.5	0.0			
G116.0	0.0	9.3	13.0	13.0	0.0	12.3	0.0			
G117.0	0.0	8.6	12.2	12.3	11.6	14.5	0.0			
G118.0	9.3	10.1	13.0	8.7	15.2	13.0	0.0			
G119.0	0.0	12.2	11.5	11.5	13.0	12.3	0.0			
G120.0	10.8	12.2	12.2	13.0	12.3	13.0	7.9			
G121.0	10.8	15.1	10.8	11.5	8.7	14.5	7.2			
G122.0	12.2	12.2	15.8	15.2	15.2	14.5	7.2			
G123.0	7.9	16.5	12.2	16.6	18.1	19.5	7.2			
G124.0	9.3	16.5	18.7	18.0	16.6	15.2	9.3			
G125.0	7.9	16.5	15.8	14.4	13.7	19.5	9.3			
G126.0	13.6	14.4	19.4	15.2	23.1	16.6	9.3			
G127.0	12.2	18.7	21.6	18.0	15.9	22.4	0.0			
G128.0	12.2	20.1	20.2	16.6	17.3	22.4	9.3			
G129.0	15.8	20.1	18.7	20.2	23.1	15.2	10.0			
G130.0	15.8	17.3	21.6	20.9	22.4	21.7	13.6			
G131.0	15.1	21.6	23.8	21.7	23.1	19.5	16.4			
G132.0	16.5	23.7	26.6	15.2	25.3	26.0	18.6			
G133.0	17.9	25.2	15.8	25.3	26.7	24.6	16.4			
G134.0	18.7	28.8	23.8	30.3	28.2	21.7	15.7			
G135.0	21.5	24.5	25.2	23.8	30.3	31.1	20.7			
G136.0	23.7	22.3	28.8	31.0	28.9	28.9	22.9			
G137.0	25.8	24.5	28.1	26.0	24.6	28.9	20.7			
G138.0	27.3	26.6	33.8	33.2	30.3	30.4	20.7			
G139.0	26.6	33.1	32.4	36.8	32.5	29.6	26.4			
G140.0	28.0	38.8	35.3	34.6	36.8	31.8	18.6			
G141.0	26.6	30.2	26.6	20.9	37.6	28.9	23.6			
G142.0	34.5	37.4	37.4	38.3	36.1	40.5	25.7			
G143.0	38.0	28.8	39.6	38.3	29.6	40.5	35.7			
G144.0	34.5	41.0	41.7	44.7	26.7	44.8	30.7			
G145.0	34.5	46.7	41.7	39.7	41.9	47.0	31.4			
G146.0	43.8	39.5	47.5	42.6	40.5	39.8	40.0			
G147.0	46.7	45.3	40.3	40.4	45.5	48.4	37.9			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °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	45.2	37.4	48.9	46.2	43.3	49.9	42.9			
G149.0	45.9	47.5	48.2	54.1	44.1	52.8	43.6			
G150.0	45.9	50.3	39.6	52.0	48.4	52.0	47.2			
G151.0	50.3	50.3	54.7	55.6	53.5	53.5	48.6			
G152.0	49.5	52.5	54.7	51.2	49.9	57.1	47.9			
G153.0	37.3	56.1	54.7	54.9	52.0	54.9	50.0			
G154.0	53.8	58.2	53.3	51.2	54.9	58.5	43.6			
G155.0	48.8	58.2	51.8	57.7	58.5	53.5	43.6			
G156.0	52.4	55.4	58.3	54.9	53.5	49.9	52.9			
G157.0	51.7	59.0	50.4	46.9	54.2	59.3	45.7			
G158.0	56.7	50.3	59.0	54.9	57.8	54.9	52.2			
G159.0	56.0	60.4	56.2	59.2	59.2	61.4	52.2			
G160.0	57.4	60.4	59.7	58.5	47.7	62.2	50.7			
G161.0	57.4	59.0	56.9	57.7	62.1	59.3	53.6			
G162.0	51.7	60.4	59.0	56.3	64.3	60.0	58.6			
G163.0	54.6	64.7	56.9	65.0	56.4	64.3	55.7			
G164.0	56.7	66.9	66.2	59.9	57.8	62.9	51.5			
G165.0	60.3	61.1	61.9	59.2	60.7	62.9	50.0			
G166.0	61.0	61.1	64.1	61.4	62.9	64.3	57.9			
G167.0	62.5	66.9	59.7	65.0	52.7	68.7	53.6			
G168.0	51.7	60.4	58.3	62.8	64.3	60.0	50.7			
G169.0	56.7	67.6	61.9	59.9	68.6	63.6	57.2			
G170.0	66.1	62.6	71.3	63.5	65.8	63.6	51.5			
G171.0	68.9	63.3	59.7	67.1	66.5	73.0	55.0			
G172.0	66.1	69.7	64.8	72.2	67.9	68.7	56.5			
G173.0	63.9	62.6	59.7	67.1	67.2	67.9	57.9			
G174.0	61.0	69.0	66.2	65.7	62.9	69.4	56.5			
G175.0	62.5	66.2	64.8	67.8	65.8	69.4	59.3			
G176.0	63.9	66.2	64.1	67.1	58.5	54.2	57.2			
G177.0	59.6	63.3	61.9	60.6	62.9	68.7	55.0			
G178.0	48.1	53.2	59.0	62.1	54.9	61.4	52.9			
G179.0	55.3	61.1	60.5	59.9	61.4	62.9	56.5			
G180.0	59.6	59.0	64.1	62.8	62.1	59.3	48.6			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.8 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector: