

Report No.:

Test Time: 2021-10-13 14:20

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 1.975 A

Power Factor: 0.998

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 236.49 W

Photometric Results

CIE Class: Direct

Measurement Flux: 33822.8 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 125.5, 125.8, 125.9, 126.4

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 88.9, 89.1, 88.9, 89.2

Luminaire Efficacy Rating (LER): 143.07

Max. Intensity: 16605.07 cd

S/MH(C0/C180): 1.35

Total Rated Lamp Lumens: 33822.8 lm

Efficiency: 100%

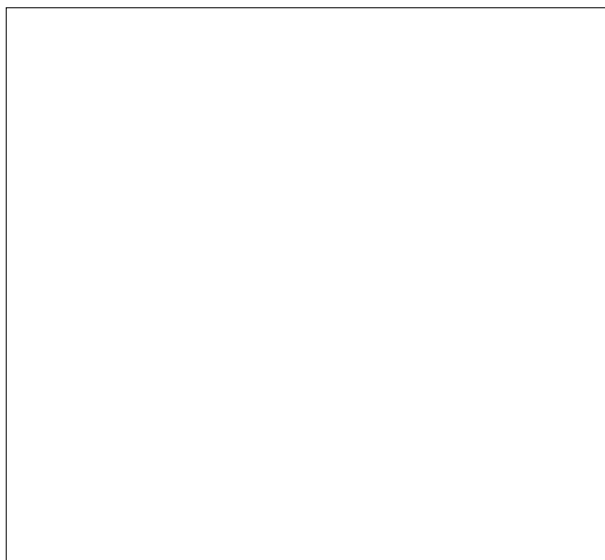
Upward Ratio: 0%

C0r0 Intensity: 16556.34 cd

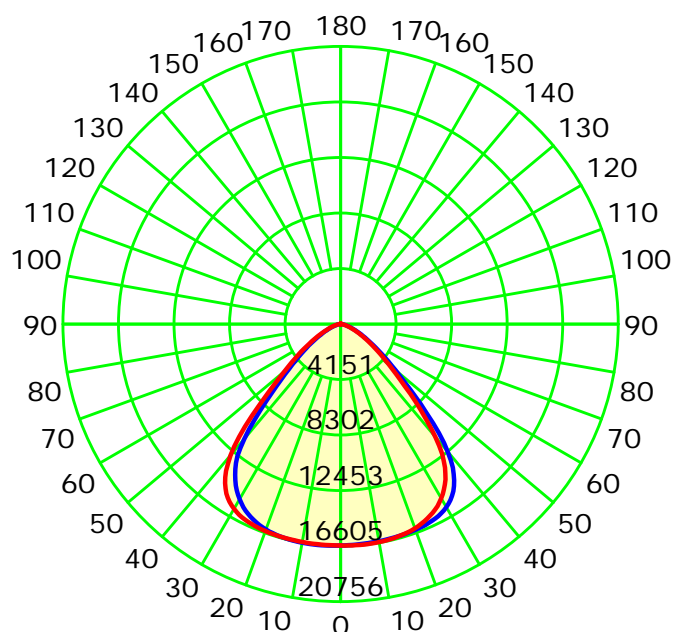
Pos of Max. Intensity: H180 V8

S/MH(C90/C270): 1.36

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 89.0°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °C

Operator:

Gamma Plane (°):0.0-180.0: 1.0

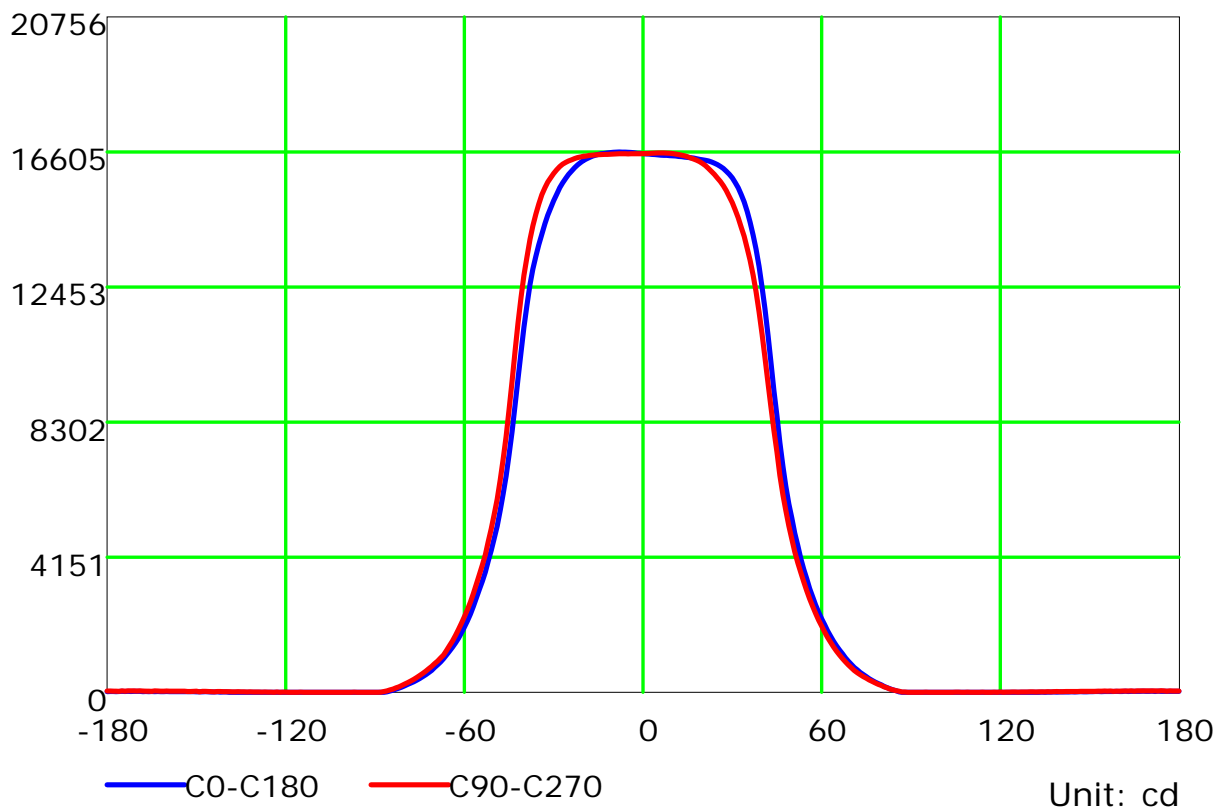
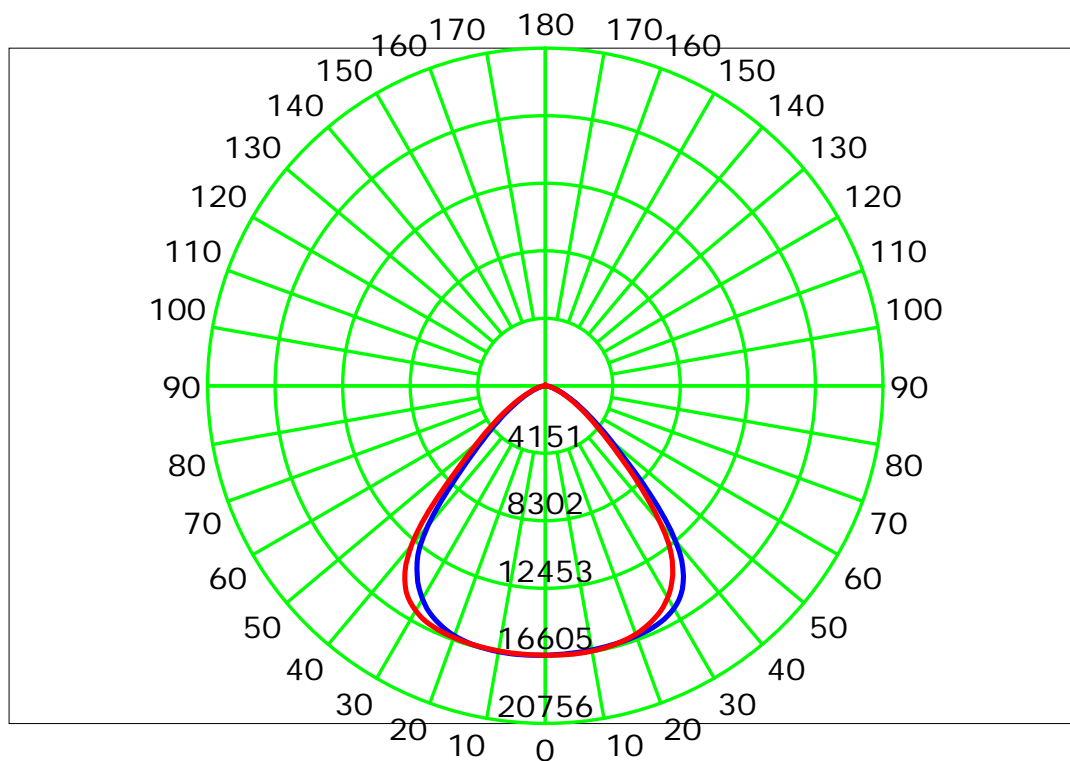
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

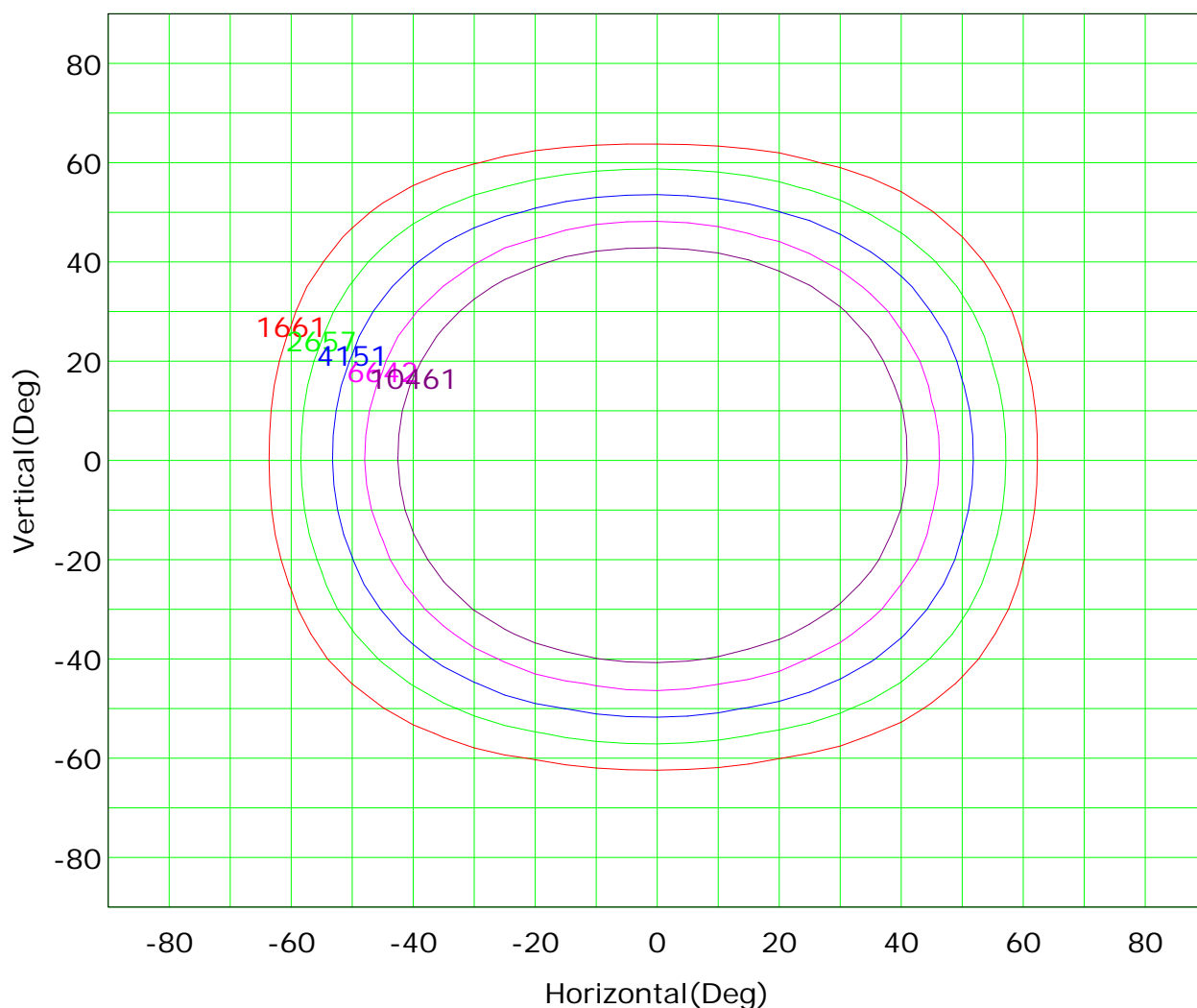
Luminous Intensity Distribution Curve



C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.9 °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)



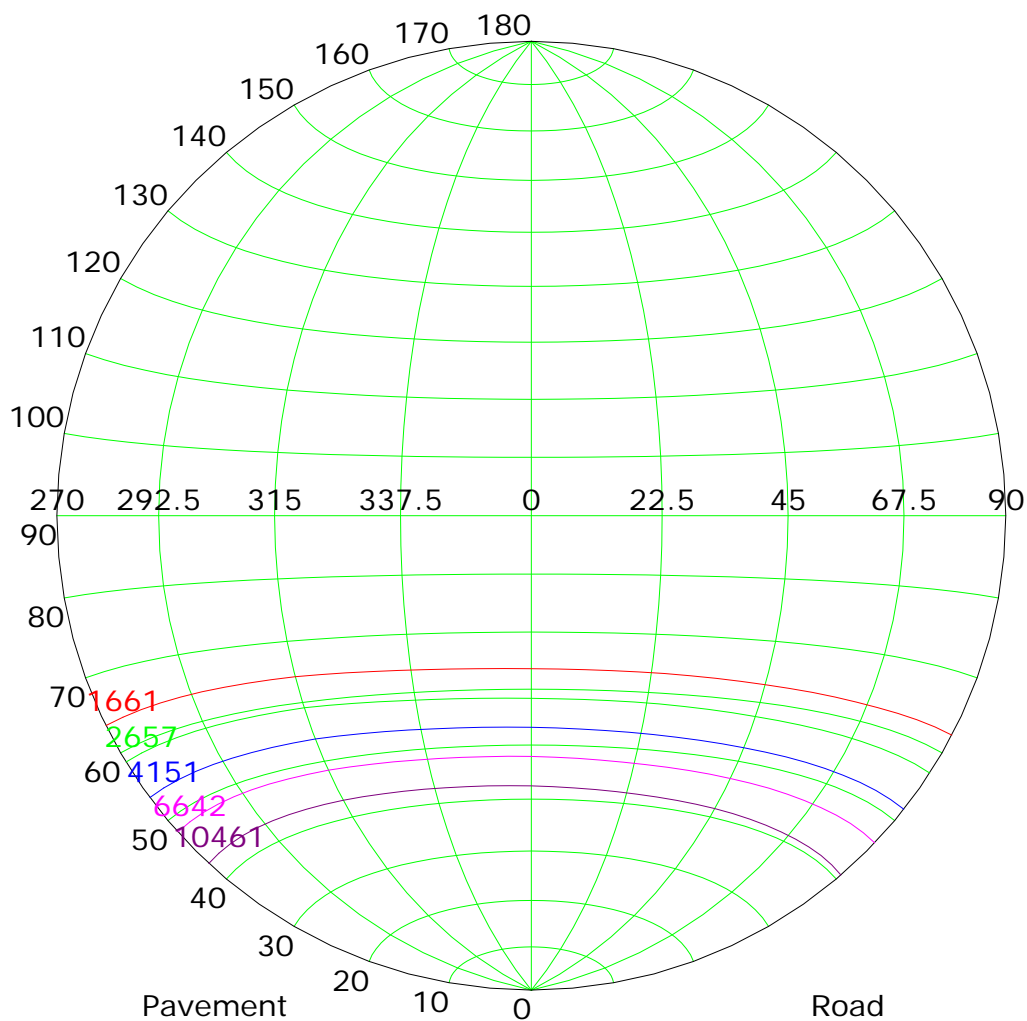
I_{max} (100%): 16605 cd

(10%): 1661 cd	(16%): 2657 cd
(25%): 4151 cd	(40%): 6642 cd
(63%): 10461 cd	(100%): 16605 cd

C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.9 °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%): 16605 cd

(10%): 1661 cd	(16%): 2657 cd
(25%): 4151 cd	(40%): 6642 cd
(63%): 10461 cd	(100%): 16605 cd

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

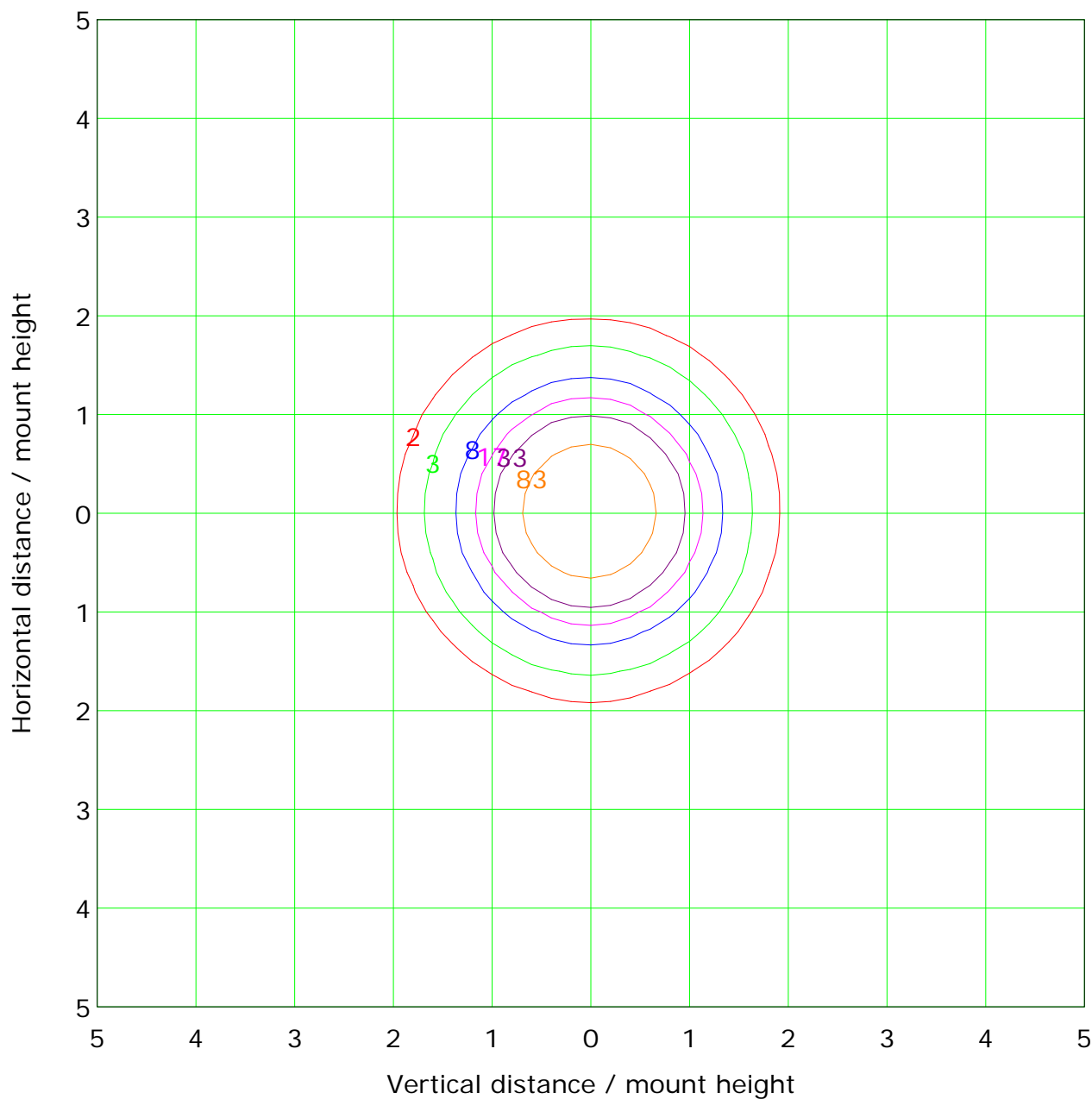
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

IsoLux Plot

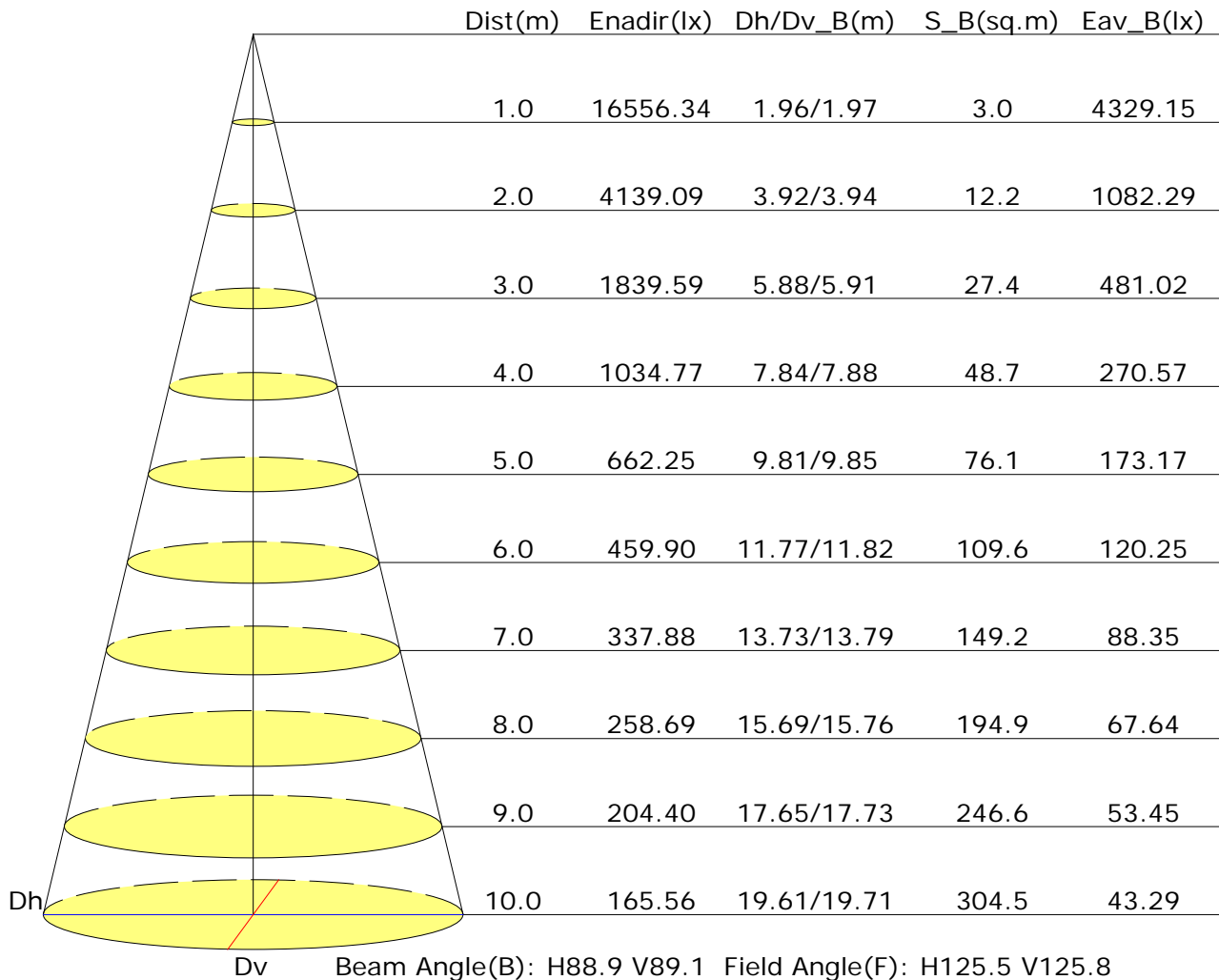


Mounting Height: 10.0m		Max Lux(100%): 165.6 lx	
— (1%):	1.7 lx	— (2%):	3.3 lx
— (5%):	8.3 lx	— (10%):	16.6 lx
— (20%):	33.1 lx	— (50%):	82.8 lx
— (100%):	165.6 lx		

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.9 °C
Operator:

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

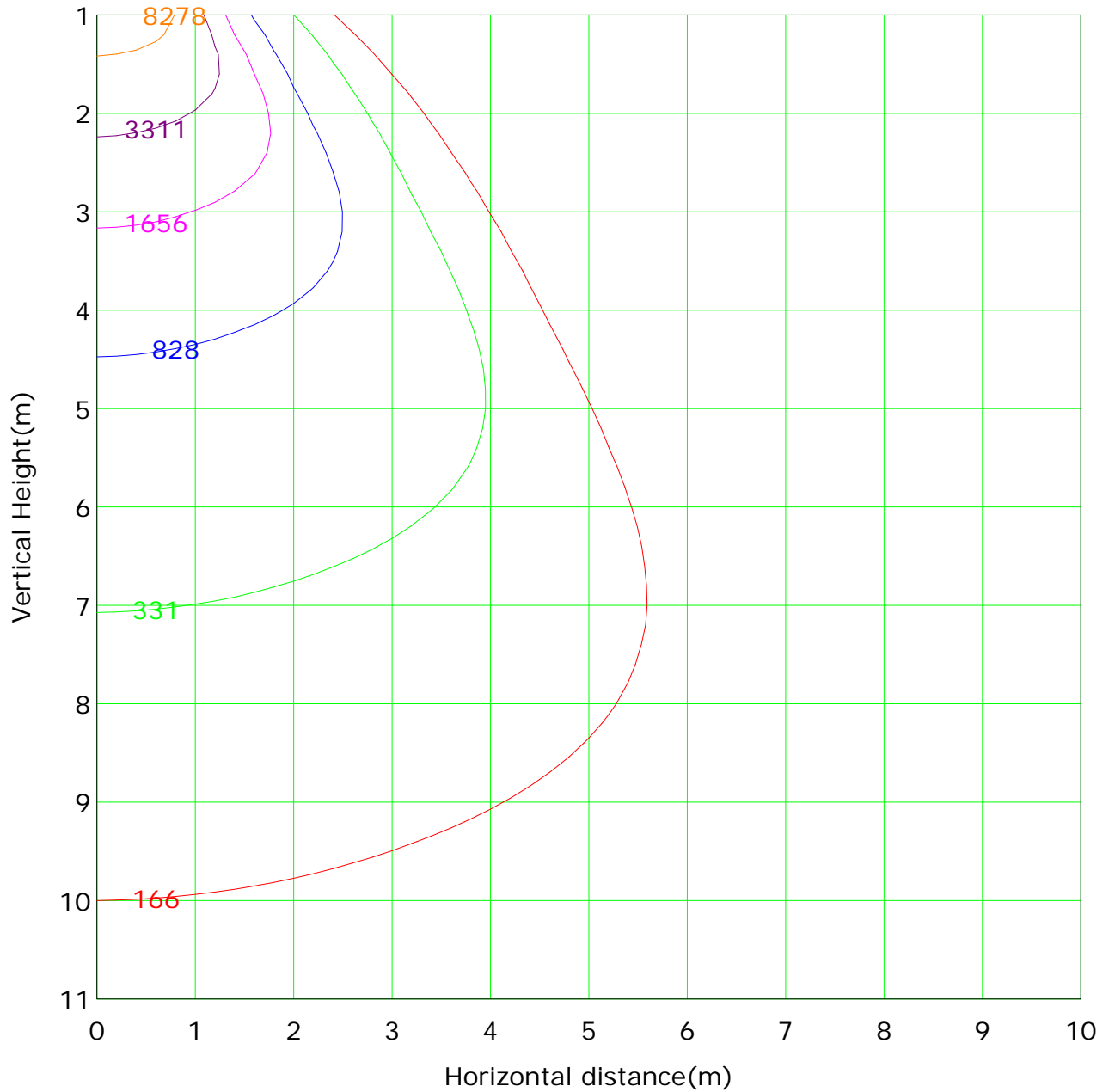
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.9 °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: 16556.3 lx

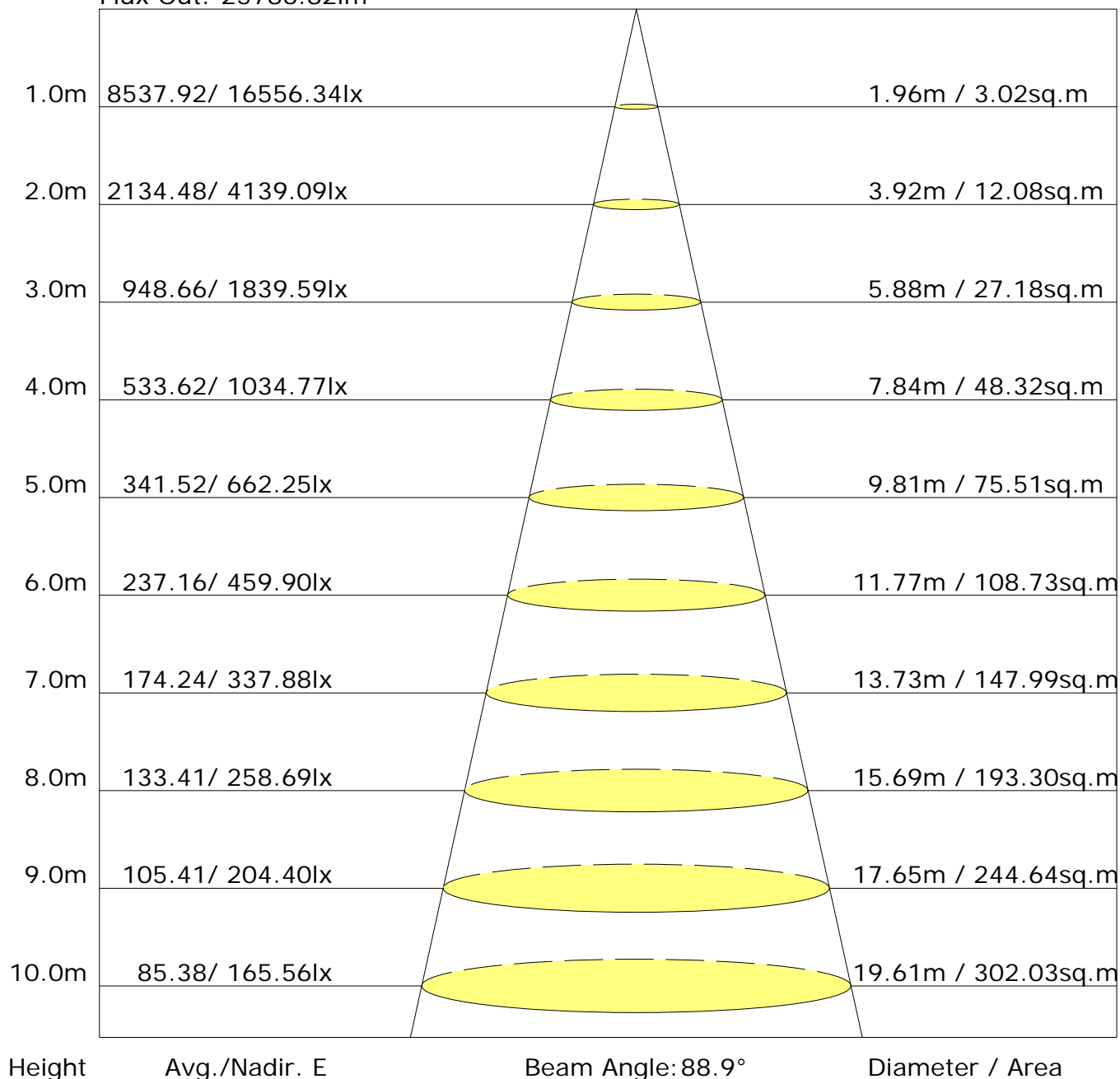
— (1%): 165.6 lx	— (2%): 331.1 lx
— (5%): 827.8 lx	— (10%): 1655.6 lx
— (20%): 3311.3 lx	— (50%): 8278.2 lx
— (100%): 16556.3 lx	

C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.9 °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: 25786.82lm



C Plane (°): 0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.9 °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	16556.8	15.8	15.8	0.05	0.05
1.0-2.0	16557.8	47.5	63.4	0.14	0.19
2.0-3.0	16559.4	79.2	142.6	0.23	0.42
3.0-4.0	16560.5	110.9	253.5	0.33	0.75
4.0-5.0	16560.8	142.5	395.9	0.42	1.17
5.0-6.0	16560.0	174.1	570.0	0.51	1.69
6.0-7.0	16558.0	205.6	775.5	0.61	2.29
7.0-8.0	16555.2	237.0	1012.5	0.70	2.99
8.0-9.0	16550.9	268.3	1280.8	0.79	3.79
9.0-10.0	16545.2	299.5	1580.2	0.89	4.67
10.0-11.0	16537.7	330.5	1910.7	0.98	5.65
11.0-12.0	16528.2	361.4	2272.1	1.07	6.72
12.0-13.0	16517.1	392.0	2664.1	1.16	7.88
13.0-14.0	16504.7	422.5	3086.6	1.25	9.13
14.0-15.0	16489.7	452.8	3539.4	1.34	10.46
15.0-16.0	16472.5	482.7	4022.1	1.43	11.89
16.0-17.0	16453.4	512.4	4534.6	1.52	13.41
17.0-18.0	16431.7	541.8	5076.4	1.60	15.01
18.0-19.0	16405.3	570.8	5647.3	1.69	16.70
19.0-20.0	16372.7	599.3	6246.6	1.77	18.47
20.0-21.0	16333.1	627.3	6873.8	1.85	20.32
21.0-22.0	16285.9	654.5	7528.4	1.94	22.26
22.0-23.0	16231.5	681.2	8209.5	2.01	24.27
23.0-24.0	16169.0	707.0	8916.6	2.09	26.36
24.0-25.0	16099.4	732.1	9648.7	2.16	28.53
25.0-26.0	16019.4	756.3	10405.0	2.24	30.76
26.0-27.0	15926.5	779.3	11184.3	2.30	33.07
27.0-28.0	15820.5	801.1	11985.4	2.37	35.44
28.0-29.0	15696.7	821.3	12806.7	2.43	37.86
29.0-30.0	15553.6	839.9	13646.6	2.48	40.35
30.0-31.0	15391.1	856.6	14503.2	2.53	42.88
31.0-32.0	15204.3	871.2	15374.4	2.58	45.46
32.0-33.0	14989.4	883.2	16257.6	2.61	48.07
33.0-34.0	14746.3	892.5	17150.1	2.64	50.71
34.0-35.0	14466.9	898.6	18048.7	2.66	53.36
35.0-36.0	14142.5	900.6	18949.3	2.66	56.03

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	13768.4	898.1	19847.4	2.66	58.68
37.0-38.0	13339.0	890.5	20737.8	2.63	61.31
38.0-39.0	12831.7	876.0	21613.8	2.59	63.90
39.0-40.0	12233.2	853.3	22467.1	2.52	66.43
40.0-41.0	11547.9	822.4	23289.5	2.43	68.86
41.0-42.0	10778.5	783.2	24072.7	2.32	71.17
42.0-43.0	9961.3	738.0	24810.7	2.18	73.36
43.0-44.0	9141.5	690.1	25500.8	2.04	75.40
44.0-45.0	8345.3	641.4	26142.2	1.90	77.29
45.0-46.0	7590.3	593.7	26735.9	1.76	79.05
46.0-47.0	6902.0	549.0	27284.9	1.62	80.67
47.0-48.0	6296.2	509.1	27794.0	1.51	82.18
48.0-49.0	5761.3	473.2	28267.2	1.40	83.57
49.0-50.0	5290.5	441.2	28708.3	1.30	84.88
50.0-51.0	4868.2	411.9	29120.3	1.22	86.10
51.0-52.0	4477.7	384.3	29504.5	1.14	87.23
52.0-53.0	4120.7	358.5	29863.0	1.06	88.29
53.0-54.0	3794.6	334.5	30197.5	0.99	89.28
54.0-55.0	3492.6	311.8	30509.3	0.92	90.20
55.0-56.0	3210.8	290.2	30799.5	0.86	91.06
56.0-57.0	2948.7	269.6	31069.2	0.80	91.86
57.0-58.0	2707.4	250.4	31319.6	0.74	92.60
58.0-59.0	2485.3	232.4	31551.9	0.69	93.29
59.0-60.0	2279.2	215.4	31767.3	0.64	93.92
60.0-61.0	2086.4	199.1	31966.4	0.59	94.51
61.0-62.0	1905.4	183.6	32150.1	0.54	95.05
62.0-63.0	1738.4	169.1	32319.2	0.50	95.55
63.0-64.0	1584.4	155.5	32474.6	0.46	96.01
64.0-65.0	1440.1	142.5	32617.2	0.42	96.44
65.0-66.0	1306.7	130.4	32747.6	0.39	96.82
66.0-67.0	1184.1	119.1	32866.6	0.35	97.17
67.0-68.0	1070.6	108.5	32975.1	0.32	97.49
68.0-69.0	964.3	98.4	33073.5	0.29	97.78
69.0-70.0	867.5	89.1	33162.6	0.26	98.05
70.0-71.0	779.9	80.6	33243.2	0.24	98.29
71.0-72.0	699.5	72.7	33316.0	0.22	98.50

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.9 °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	626.5	65.5	33381.5	0.19	98.70
73.0-74.0	559.4	58.8	33440.3	0.17	98.87
74.0-75.0	497.7	52.6	33492.9	0.16	99.02
75.0-76.0	439.8	46.7	33539.6	0.14	99.16
76.0-77.0	386.6	41.2	33580.8	0.12	99.28
77.0-78.0	337.6	36.1	33617.0	0.11	99.39
78.0-79.0	291.4	31.3	33648.3	0.09	99.48
79.0-80.0	248.5	26.8	33675.1	0.08	99.56
80.0-81.0	206.8	22.4	33697.4	0.07	99.63
81.0-82.0	166.8	18.1	33715.5	0.05	99.68
82.0-83.0	131.6	14.3	33729.9	0.04	99.73
83.0-84.0	99.3	10.8	33740.7	0.03	99.76
84.0-85.0	69.8	7.6	33748.3	0.02	99.78
85.0-86.0	44.8	4.9	33753.2	0.01	99.79
86.0-87.0	23.6	2.6	33755.8	0.01	99.80
87.0-88.0	9.4	1.0	33756.8	0.00	99.81
88.0-89.0	3.5	0.4	33757.2	0.00	99.81
89.0-90.0	2.4	0.3	33757.5	0.00	99.81
90.0-91.0	1.8	0.2	33757.6	0.00	99.81
91.0-92.0	0.5	0.1	33757.7	0.00	99.81
92.0-93.0	0.7	0.1	33757.8	0.00	99.81
93.0-94.0	0.7	0.1	33757.9	0.00	99.81
94.0-95.0	0.4	0.0	33757.9	0.00	99.81
95.0-96.0	0.7	0.1	33758.0	0.00	99.81
96.0-97.0	0.8	0.1	33758.1	0.00	99.81
97.0-98.0	0.7	0.1	33758.2	0.00	99.81
98.0-99.0	0.6	0.1	33758.2	0.00	99.81
99.0-100.0	0.8	0.1	33758.3	0.00	99.81
100.0-101.0	0.7	0.1	33758.4	0.00	99.81
101.0-102.0	0.7	0.1	33758.4	0.00	99.81
102.0-103.0	0.7	0.1	33758.5	0.00	99.81
103.0-104.0	0.7	0.1	33758.6	0.00	99.81
104.0-105.0	1.0	0.1	33758.7	0.00	99.81
105.0-106.0	1.4	0.1	33758.9	0.00	99.81
106.0-107.0	1.1	0.1	33759.0	0.00	99.81
107.0-108.0	0.7	0.1	33759.1	0.00	99.81

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.9 °C
Operator:

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

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	1.6	0.2	33759.2	0.00	99.81
109.0-110.0	1.3	0.1	33759.4	0.00	99.81
110.0-111.0	1.0	0.1	33759.5	0.00	99.81
111.0-112.0	1.0	0.1	33759.6	0.00	99.81
112.0-113.0	0.5	0.1	33759.6	0.00	99.81
113.0-114.0	1.5	0.2	33759.8	0.00	99.81
114.0-115.0	2.5	0.2	33760.0	0.00	99.81
115.0-116.0	2.2	0.2	33760.2	0.00	99.82
116.0-117.0	1.9	0.2	33760.4	0.00	99.82
117.0-118.0	1.9	0.2	33760.6	0.00	99.82
118.0-119.0	2.2	0.2	33760.8	0.00	99.82
119.0-120.0	2.3	0.2	33761.0	0.00	99.82
120.0-121.0	3.5	0.3	33761.4	0.00	99.82
121.0-122.0	4.3	0.4	33761.8	0.00	99.82
122.0-123.0	4.7	0.4	33762.2	0.00	99.82
123.0-124.0	5.5	0.5	33762.7	0.00	99.82
124.0-125.0	6.3	0.6	33763.3	0.00	99.82
125.0-126.0	6.5	0.6	33763.8	0.00	99.83
126.0-127.0	6.8	0.6	33764.4	0.00	99.83
127.0-128.0	7.6	0.7	33765.1	0.00	99.83
128.0-129.0	8.4	0.7	33765.8	0.00	99.83
129.0-130.0	9.5	0.8	33766.6	0.00	99.83
130.0-131.0	9.9	0.8	33767.5	0.00	99.84
131.0-132.0	10.7	0.9	33768.3	0.00	99.84
132.0-133.0	11.5	0.9	33769.3	0.00	99.84
133.0-134.0	12.1	1.0	33770.2	0.00	99.84
134.0-135.0	13.6	1.1	33771.3	0.00	99.85
135.0-136.0	14.9	1.1	33772.5	0.00	99.85
136.0-137.0	15.7	1.2	33773.6	0.00	99.85
137.0-138.0	16.5	1.2	33774.9	0.00	99.86
138.0-139.0	17.9	1.3	33776.2	0.00	99.86
139.0-140.0	19.6	1.4	33777.6	0.00	99.87
140.0-141.0	20.2	1.4	33779.0	0.00	99.87
141.0-142.0	21.4	1.5	33780.4	0.00	99.87
142.0-143.0	22.6	1.5	33781.9	0.00	99.88
143.0-144.0	23.2	1.5	33783.5	0.00	99.88

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.9 °C
Operator:

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

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	23.7	1.5	33785.0	0.00	99.89
145.0-146.0	24.9	1.5	33786.5	0.00	99.89
146.0-147.0	26.6	1.6	33788.1	0.00	99.90
147.0-148.0	27.7	1.6	33789.8	0.00	99.90
148.0-149.0	28.3	1.6	33791.4	0.00	99.91
149.0-150.0	29.4	1.6	33793.0	0.00	99.91
150.0-151.0	30.0	1.6	33794.6	0.00	99.92
151.0-152.0	30.4	1.6	33796.2	0.00	99.92
152.0-153.0	31.5	1.6	33797.8	0.00	99.93
153.0-154.0	32.1	1.6	33799.4	0.00	99.93
154.0-155.0	32.7	1.5	33800.9	0.00	99.94
155.0-156.0	33.8	1.5	33802.5	0.00	99.94
156.0-157.0	34.9	1.5	33804.0	0.00	99.94
157.0-158.0	34.3	1.4	33805.4	0.00	99.95
158.0-159.0	34.3	1.4	33806.8	0.00	99.95
159.0-160.0	35.3	1.4	33808.2	0.00	99.96
160.0-161.0	35.7	1.3	33809.5	0.00	99.96
161.0-162.0	37.5	1.3	33810.8	0.00	99.96
162.0-163.0	38.1	1.3	33812.0	0.00	99.97
163.0-164.0	37.4	1.2	33813.2	0.00	99.97
164.0-165.0	36.9	1.1	33814.3	0.00	99.97
165.0-166.0	37.1	1.0	33815.3	0.00	99.98
166.0-167.0	38.0	1.0	33816.3	0.00	99.98
167.0-168.0	39.3	0.9	33817.2	0.00	99.98
168.0-169.0	40.3	0.9	33818.1	0.00	99.99
169.0-170.0	40.3	0.8	33818.9	0.00	99.99
170.0-171.0	41.4	0.7	33819.6	0.00	99.99
171.0-172.0	41.4	0.7	33820.3	0.00	99.99
172.0-173.0	40.8	0.6	33820.9	0.00	99.99
173.0-174.0	40.9	0.5	33821.4	0.00	100.00
174.0-175.0	41.1	0.4	33821.8	0.00	100.00
175.0-176.0	39.7	0.3	33822.2	0.00	100.00
176.0-177.0	38.4	0.3	33822.4	0.00	100.00
177.0-178.0	38.0	0.2	33822.6	0.00	100.00
178.0-179.0	37.8	0.1	33822.7	0.00	100.00
179.0-180.0	38.2	0.0	33822.8	0.00	100.00

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.9 °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°): 26142.23 lm

%lum = 77.3%

%lamp = 77.3%

cone flux(120°): 31767.30 lm

%lum = 93.9%

%lamp = 93.9%

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	16556.3	16556.3	16556.3	16556.3	16556.3	16556.3	16556.3	16556.3	16556.3	16556.3
G1.0	16549.4	16552.2	16553.9	16557.7	16560.6	16562.3	16565.9	16566.2	16563.3	16564.4
G2.0	16542.4	16546.6	16554.6	16561.6	16565.1	16568.3	16574.7	16574.4	16569.9	16568.2
G3.0	16535.5	16543.4	16552.8	16564.4	16570.4	16574.7	16583.2	16581.1	16582.4	16574.8
G4.0	16527.8	16538.2	16550.4	16565.1	16573.6	16581.0	16589.9	16586.4	16591.1	16579.0
G5.0	16519.8	16536.1	16552.8	16567.2	16577.1	16583.5	16593.8	16589.6	16596.7	16585.0
G6.0	16510.4	16532.6	16543.7	16565.8	16579.2	16585.9	16593.4	16587.1	16601.6	16585.3
G7.0	16505.9	16527.7	16543.1	16564.1	16578.9	16583.1	16587.4	16582.5	16604.7	16587.4
G8.0	16502.1	16524.6	16542.0	16562.0	16571.5	16577.5	16580.0	16578.3	16605.1	16586.7
G9.0	16493.4	16520.4	16537.1	16559.2	16565.8	16565.1	16571.2	16568.0	16602.6	16587.1
G10.0	16488.1	16515.9	16531.5	16551.1	16556.7	16554.9	16558.5	16559.9	16598.8	16580.8
G11.0	16484.0	16510.3	16522.8	16538.1	16545.8	16537.7	16546.5	16546.5	16589.8	16576.9
G12.0	16472.1	16500.2	16513.7	16523.0	16528.2	16513.7	16529.9	16530.2	16578.6	16564.7
G13.0	16462.7	16488.6	16499.3	16504.4	16510.2	16493.0	16509.4	16512.2	16564.7	16556.0
G14.0	16448.1	16477.1	16481.8	16483.3	16487.7	16471.5	16487.2	16492.0	16551.8	16544.8
G15.0	16439.4	16454.8	16465.0	16459.5	16458.2	16442.9	16457.6	16463.1	16532.3	16531.6
G16.0	16428.3	16436.3	16445.7	16437.3	16425.4	16408.4	16422.6	16434.1	16510.1	16516.2
G17.0	16418.9	16418.5	16426.8	16407.5	16393.4	16370.4	16383.5	16400.9	16479.4	16489.3
G18.0	16402.5	16404.2	16402.0	16377.3	16357.9	16334.5	16335.5	16358.1	16438.0	16461.1
G19.0	16383.7	16382.6	16376.4	16341.2	16310.7	16275.3	16282.9	16304.4	16398.0	16422.3
G20.0	16368.1	16357.4	16340.0	16297.3	16254.4	16207.7	16214.5	16243.3	16346.5	16378.7
G21.0	16351.0	16328.8	16297.0	16243.6	16188.9	16130.9	16131.2	16162.0	16280.7	16328.5
G22.0	16330.1	16296.4	16252.2	16172.3	16102.7	16039.7	16045.1	16077.5	16207.6	16271.6
G23.0	16300.9	16255.9	16191.6	16100.7	16013.3	15939.0	15950.9	15985.6	16125.8	16197.6
G24.0	16264.0	16200.1	16122.3	16014.7	15917.2	15841.8	15833.7	15881.8	16022.8	16122.6
G25.0	16219.1	16134.4	16043.6	15917.5	15807.8	15735.0	15727.2	15777.9	15916.7	16035.0
G26.0	16164.5	16060.1	15947.0	15808.3	15701.1	15600.2	15593.1	15651.0	15795.6	15917.7
G27.0	16101.1	15971.5	15842.0	15698.1	15567.8	15454.0	15444.9	15510.0	15656.0	15798.8
G28.0	16015.9	15871.0	15716.7	15552.0	15419.9	15292.0	15285.1	15354.9	15508.4	15658.1
G29.0	15922.6	15757.2	15591.4	15399.7	15236.9	15114.1	15104.4	15163.3	15308.3	15508.8
G30.0	15808.8	15618.3	15420.9	15226.3	15049.4	14897.5	14890.3	14974.3	15113.4	15333.6
G31.0	15669.6	15460.3	15251.5	15006.9	14826.9	14680.2	14677.5	14755.9	14896.3	15143.4
G32.0	15508.1	15272.2	15029.3	14776.3	14581.3	14414.3	14417.1	14512.1	14662.7	14907.2
G33.0	15303.5	15026.9	14777.6	14520.4	14301.5	14143.5	14153.2	14241.0	14398.2	14655.2
G34.0	15073.0	14772.5	14491.7	14228.0	14016.1	13849.4	13860.7	13947.0	14081.5	14379.9
G35.0	14780.0	14475.5	14162.0	13869.9	13643.4	13529.3	13542.1	13635.7	13757.9	14072.1
G36.0	14450.4	14099.7	13800.4	13471.1	13278.8	13140.8	13136.0	13300.0	13408.8	13736.4

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	14050.2	13689.6	13388.4	13090.6	12818.1	12719.3	12757.0	12875.2	13011.7	13318.0
G38.0	13626.7	13257.6	12865.9	12592.5	12320.8	12209.6	12243.0	12417.3	12534.9	12880.1
G39.0	13089.6	12699.0	12301.3	11980.7	11696.1	11587.3	11637.1	11854.0	11901.5	12346.2
G40.0	12439.9	12038.7	11650.3	11236.8	11001.1	10947.4	10945.6	11174.4	11218.7	11696.7
G41.0	11783.2	11264.4	10815.5	10490.9	10284.5	10209.2	10237.8	10414.3	10452.6	10924.5
G42.0	10977.8	10437.0	10062.3	9705.6	9500.1	9427.4	9446.0	9621.7	9634.1	10104.1
G43.0	10153.0	9674.9	9240.2	8995.2	8776.2	8631.1	8639.5	8831.6	8837.8	9170.6
G44.0	9264.5	8819.6	8506.9	8225.7	8045.5	7915.4	7890.1	8020.9	8010.2	8367.3
G45.0	8485.2	8060.6	7753.0	7495.6	7382.5	7219.5	7188.3	7303.2	7298.5	7602.4
G46.0	7673.3	7280.0	7040.4	6794.5	6667.0	6578.5	6551.8	6668.2	6654.3	6920.5
G47.0	6954.6	6655.3	6402.7	6240.3	6071.5	6067.1	5998.9	6115.9	6090.1	6324.5
G48.0	6338.3	6061.8	5845.8	5704.2	5596.8	5532.2	5508.8	5589.7	5592.5	5751.2
G49.0	5789.4	5537.3	5357.5	5204.4	5118.9	5095.1	5062.4	5151.5	5107.6	5295.8
G50.0	5351.3	5111.9	4937.2	4783.5	4706.0	4684.5	4680.0	4732.4	4724.8	4890.3
G51.0	4889.1	4718.6	4553.6	4405.4	4323.1	4295.3	4335.6	4344.7	4367.4	4519.4
G52.0	4512.9	4341.4	4171.7	4035.1	3981.4	3913.2	3972.6	4014.3	4036.4	4157.8
G53.0	4123.4	4018.6	3850.4	3731.5	3693.9	3604.3	3666.6	3697.0	3694.3	3848.0
G54.0	3782.7	3665.5	3539.6	3459.0	3401.8	3304.9	3377.7	3428.5	3412.4	3552.0
G55.0	3489.7	3395.7	3251.6	3191.2	3120.9	3047.5	3110.2	3141.2	3154.5	3273.2
G56.0	3190.0	3122.5	2990.1	2925.1	2876.7	2800.2	2875.9	2888.8	2903.6	2992.7
G57.0	2933.5	2848.6	2732.1	2676.3	2643.0	2570.6	2651.9	2644.7	2640.8	2761.7
G58.0	2690.3	2631.8	2512.4	2435.5	2434.0	2362.8	2420.8	2436.9	2409.0	2543.2
G59.0	2465.4	2430.5	2311.8	2230.8	2220.0	2185.0	2228.8	2208.9	2197.8	2340.5
G60.0	2262.5	2237.2	2124.2	2028.3	2038.7	2000.1	2049.6	2028.4	2005.0	2151.3
G61.0	2088.5	2048.0	1926.4	1854.1	1863.1	1836.7	1877.4	1846.7	1833.4	1952.8
G62.0	1890.5	1852.6	1756.3	1694.4	1691.4	1670.8	1697.1	1700.1	1662.2	1789.8
G63.0	1733.9	1697.0	1596.4	1560.0	1546.0	1516.9	1542.9	1546.7	1523.7	1634.5
G64.0	1572.0	1550.4	1451.5	1417.8	1398.9	1384.1	1409.9	1409.6	1390.4	1486.2
G65.0	1429.3	1400.0	1333.9	1289.3	1264.8	1250.6	1268.4	1280.3	1268.2	1351.9
G66.0	1306.5	1262.9	1210.0	1167.9	1155.8	1131.6	1150.9	1160.1	1152.3	1212.3
G67.0	1188.9	1140.4	1100.8	1071.0	1041.0	1019.2	1030.6	1055.9	1036.4	1100.6
G68.0	1066.4	1022.1	983.2	969.2	941.1	919.6	937.8	948.8	937.9	992.4
G69.0	956.0	920.2	883.8	869.9	841.8	820.6	831.6	858.0	848.5	886.7
G70.0	859.3	823.9	799.4	778.6	753.1	742.1	750.1	772.5	762.5	799.8
G71.0	766.0	733.5	714.0	696.4	673.2	667.0	675.0	689.4	677.6	720.2
G72.0	689.4	657.4	639.8	625.9	605.0	595.2	603.3	621.2	607.0	648.7
G73.0	613.9	584.5	571.6	572.2	545.1	534.6	540.5	560.8	543.3	580.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	546.1	515.1	513.5	506.5	482.9	481.4	483.7	499.3	485.8	515.4
G75.0	482.4	457.5	448.7	443.4	434.6	423.7	426.2	445.6	426.0	454.7
G76.0	422.9	399.9	390.6	396.7	382.9	372.3	377.2	389.4	374.8	399.2
G77.0	364.0	357.0	349.7	348.9	336.1	329.3	329.2	344.9	328.5	353.8
G78.0	317.7	300.5	302.8	297.3	291.8	288.4	286.9	299.3	286.1	304.6
G79.0	275.3	264.9	255.9	255.5	249.9	245.5	247.3	258.7	247.1	256.1
G80.0	232.1	223.3	216.0	208.5	214.7	209.9	210.3	217.7	201.9	220.9
G81.0	184.8	174.5	176.1	173.1	171.4	169.8	174.3	179.9	165.7	179.4
G82.0	144.1	133.7	135.5	135.9	138.0	137.4	139.4	144.5	130.5	141.0
G83.0	108.6	103.3	105.7	108.1	103.1	106.0	108.7	115.9	98.5	108.9
G84.0	76.6	69.1	74.9	82.8	76.0	76.8	76.9	85.2	67.9	77.5
G85.0	52.2	47.5	39.5	53.4	52.1	57.8	50.8	57.6	43.9	51.6
G86.0	17.7	26.2	27.3	31.9	34.8	37.0	27.2	35.0	18.8	27.2
G87.0	0.0	8.7	10.5	11.6	11.3	11.3	11.3	12.0	0.0	10.5
G88.0	0.0	0.0	0.0	0.0	12.0	0.0	10.9	9.9	0.0	0.0
G89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0
G90.0	0.0	0.0	0.0	0.0	0.0	7.0	7.1	7.8	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	8.1	0.0	0.0
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	7.7	8.1	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	7.4	7.0	0.0	7.1	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0
G109.0	0.0	0.0	0.0	0.0	7.0	7.7	0.0	10.2	0.0	0.0
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

GVC	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	0.0	0.0	0.0	0.0	0.0	7.4	7.4	9.5	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	7.0	9.9	7.4	8.5	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	7.4	8.5	7.8	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	9.2	8.8	7.4	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.9	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	7.0	10.2	7.8	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	0.0	8.8	0.0	9.9	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	10.9	0.0	0.0	9.2	0.0	0.0
G121.0	0.0	0.0	0.0	7.4	0.0	8.1	10.9	13.4	0.0	0.0
G122.0	0.0	0.0	0.0	0.0	9.2	7.0	7.8	12.0	0.0	0.0
G123.0	0.0	0.0	0.0	7.0	7.4	10.9	10.2	9.5	0.0	0.0
G124.0	0.0	0.0	0.0	7.0	13.4	10.2	9.9	12.0	0.0	0.0
G125.0	0.0	0.0	7.3	9.5	13.7	12.0	9.2	12.4	0.0	0.0
G126.0	0.0	0.0	0.0	8.4	8.4	7.7	13.4	11.3	0.0	0.0
G127.0	0.0	0.0	9.1	8.1	10.6	13.4	14.5	15.2	0.0	0.0
G128.0	0.0	0.0	0.0	13.0	11.6	12.0	13.8	12.4	0.0	0.0
G129.0	0.0	0.0	7.7	12.6	12.7	10.2	15.5	13.4	0.0	0.0
G130.0	0.0	0.0	9.1	13.3	16.2	13.7	13.4	15.5	0.0	0.0
G131.0	0.0	12.2	11.9	0.0	17.6	16.9	10.2	13.8	0.0	0.0
G132.0	0.0	8.0	12.2	15.4	11.6	14.4	15.9	16.6	0.0	7.7
G133.0	0.0	10.5	16.1	0.0	17.9	15.9	17.6	19.4	0.0	0.0
G134.0	8.0	11.5	13.0	13.7	17.2	15.1	15.5	16.6	0.0	0.0
G135.0	0.0	11.9	16.4	20.0	17.6	21.5	17.6	19.8	0.0	8.4
G136.0	8.7	13.6	14.4	14.7	22.5	17.3	20.5	17.0	0.0	0.0
G137.0	8.7	12.6	15.8	20.0	19.0	16.9	21.2	21.6	0.0	11.2
G138.0	12.2	17.1	13.0	21.4	21.1	21.8	18.0	23.3	0.0	10.8
G139.0	9.0	16.8	22.1	22.1	25.7	23.2	25.4	20.5	0.0	10.8
G140.0	12.5	17.8	18.2	20.4	21.1	28.9	24.7	23.3	12.2	11.2
G141.0	14.6	18.8	18.9	22.5	23.9	25.4	23.6	24.4	11.8	15.4
G142.0	14.6	21.6	24.9	28.4	25.7	28.2	26.5	23.3	9.0	16.8
G143.0	10.8	22.3	18.6	22.8	28.2	27.8	30.3	27.2	15.0	12.2
G144.0	18.8	26.5	26.6	27.0	25.0	33.5	27.5	26.9	12.2	14.7
G145.0	10.8	21.3	24.1	29.8	24.6	29.6	28.2	26.9	13.9	16.8
G146.0	17.4	25.1	24.9	28.8	25.7	29.6	26.8	29.3	19.1	19.9
G147.0	19.8	27.2	29.0	28.1	31.7	32.0	25.4	31.1	19.8	20.6

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	18.8	28.6	32.2	30.5	31.0	28.2	31.8	36.8	16.4	18.1
G149.0	17.7	27.6	28.7	30.9	32.7	34.5	34.9	34.3	17.1	23.7
G150.0	20.5	28.3	32.6	34.4	31.7	31.0	30.0	35.7	18.1	23.4
G151.0	21.6	27.9	29.4	34.4	31.3	31.7	36.7	27.9	22.6	23.0
G152.0	26.4	34.5	28.0	34.8	33.1	33.8	39.9	33.2	21.9	25.8
G153.0	27.8	27.9	33.6	35.8	36.2	34.5	35.3	31.1	21.2	24.8
G154.0	24.4	27.2	32.9	24.2	35.9	39.4	36.7	36.0	22.6	26.9
G155.0	26.8	34.5	36.4	28.8	42.6	28.9	36.0	39.6	20.2	29.0
G156.0	26.4	31.1	34.6	37.6	38.7	39.8	42.7	38.9	22.6	25.5
G157.0	29.2	33.1	35.7	37.2	41.2	42.6	39.5	38.2	21.9	30.7
G158.0	25.4	32.1	20.3	41.8	34.1	40.1	39.5	34.3	23.7	23.0
G159.0	33.8	35.9	24.1	41.4	38.7	42.3	43.0	32.2	23.3	31.1
G160.0	26.8	34.2	36.4	29.1	39.1	39.4	44.1	37.8	26.1	26.5
G161.0	24.7	29.0	30.1	41.4	41.5	44.0	39.2	43.5	22.6	31.4
G162.0	35.8	35.6	37.1	46.3	43.6	41.9	42.7	44.9	21.2	29.3
G163.0	28.9	36.3	43.1	43.9	40.8	36.3	37.8	47.4	26.1	24.8
G164.0	29.9	33.5	30.4	37.2	45.0	40.8	39.2	43.1	22.3	30.0
G165.0	32.4	38.0	44.1	42.5	39.1	44.4	28.6	34.3	26.1	33.1
G166.0	33.1	36.6	37.1	40.4	47.5	41.6	43.0	41.3	23.3	32.8
G167.0	31.3	23.7	41.7	40.0	45.8	43.3	41.6	45.9	27.8	34.5
G168.0	34.5	39.4	40.6	41.4	45.0	38.7	46.2	41.7	23.3	35.2
G169.0	34.1	26.5	39.9	43.2	45.8	39.8	44.8	37.8	31.7	36.6
G170.0	32.7	37.0	36.7	40.0	46.5	28.9	48.7	47.0	32.7	35.2
G171.0	35.2	38.0	39.2	42.5	45.8	45.4	41.3	46.6	29.6	35.2
G172.0	25.1	37.7	44.1	42.5	46.1	43.3	46.9	37.8	26.8	36.3
G173.0	37.2	39.4	44.4	43.9	40.1	41.6	43.7	46.3	31.3	37.3
G174.0	33.8	31.4	41.7	43.5	49.3	46.8	43.0	46.6	29.2	41.9
G175.0	33.8	37.3	42.0	43.2	44.7	40.8	44.5	41.3	32.0	37.7
G176.0	33.1	39.4	36.1	43.5	38.4	41.6	44.1	42.8	27.1	29.0
G177.0	30.6	37.3	41.3	41.4	45.0	38.7	44.1	43.5	20.5	34.2
G178.0	30.6	33.5	40.6	41.8	42.6	45.8	38.8	36.8	29.2	34.2
G179.0	30.3	39.1	38.1	40.0	42.6	41.6	39.2	42.8	26.8	32.1
G180.0	31.7	32.8	41.7	43.2	41.9	38.4	40.9	42.1	23.0	31.8

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	16556.3	16556.3	16556.3	16556.3	16556.3	16556.3	16556.3			
G1.0	16556.3	16556.7	16555.3	16546.8	16549.3	16554.6	16549.4			
G2.0	16558.4	16556.0	16555.3	16545.4	16545.1	16548.2	16542.4			
G3.0	16564.0	16555.6	16554.6	16539.8	16544.0	16544.3	16535.5			
G4.0	16567.9	16553.2	16552.5	16536.6	16538.7	16538.7	16527.8			
G5.0	16572.4	16552.8	16550.7	16533.5	16533.1	16531.6	16519.8			
G6.0	16573.5	16550.7	16551.4	16532.4	16528.8	16522.4	16510.4			
G7.0	16575.6	16546.5	16552.8	16527.5	16526.4	16517.8	16505.9			
G8.0	16578.1	16549.0	16551.4	16521.5	16517.9	16507.2	16502.1			
G9.0	16578.1	16549.7	16546.8	16518.0	16511.9	16501.2	16493.4			
G10.0	16573.5	16547.9	16543.7	16512.3	16503.8	16492.0	16488.1			
G11.0	16571.8	16544.4	16539.5	16506.3	16496.0	16482.1	16484.0			
G12.0	16566.5	16543.4	16533.8	16496.1	16489.7	16480.7	16472.1			
G13.0	16557.4	16536.7	16534.5	16490.5	16485.1	16477.9	16462.7			
G14.0	16545.9	16529.0	16528.2	16485.2	16480.8	16473.3	16448.1			
G15.0	16540.6	16521.6	16525.0	16475.3	16470.6	16464.1	16439.4			
G16.0	16528.7	16513.2	16518.3	16473.2	16465.3	16454.9	16428.3			
G17.0	16514.3	16507.2	16510.9	16464.1	16460.0	16446.8	16418.9			
G18.0	16490.6	16496.0	16502.1	16462.0	16458.3	16442.6	16402.5			
G19.0	16463.9	16474.6	16487.0	16457.4	16453.0	16435.1	16383.7			
G20.0	16431.4	16454.9	16472.9	16444.3	16442.4	16424.2	16368.1			
G21.0	16390.8	16426.8	16456.4	16431.0	16426.2	16406.5	16351.0			
G22.0	16345.3	16396.6	16433.9	16410.2	16404.6	16383.2	16330.1			
G23.0	16290.0	16359.1	16405.4	16384.1	16384.2	16355.3	16300.9			
G24.0	16229.4	16314.5	16368.4	16355.2	16354.9	16325.2	16264.0			
G25.0	16163.3	16264.3	16331.8	16324.6	16323.8	16289.5	16219.1			
G26.0	16073.0	16197.6	16288.2	16283.7	16280.1	16247.1	16164.5			
G27.0	15975.3	16120.7	16232.6	16235.9	16234.2	16196.3	16101.1			
G28.0	15863.3	16033.0	16161.5	16176.0	16175.6	16134.1	16015.9			
G29.0	15727.9	15925.2	16062.6	16099.6	16102.6	16052.8	15922.6			
G30.0	15586.1	15797.1	15949.3	16004.1	16011.9	15954.9	15808.8			
G31.0	15412.5	15644.4	15820.4	15893.9	15902.5	15836.2	15669.6			
G32.0	15202.2	15478.7	15681.1	15766.4	15763.2	15688.1	15508.1			
G33.0	14979.6	15280.0	15504.8	15594.5	15599.8	15519.9	15303.5			
G34.0	14725.5	15047.3	15294.7	15394.1	15406.1	15315.6	15073.0			
G35.0	14432.2	14773.8	15011.0	15148.6	15167.6	15057.7	14780.0			
G36.0	14099.0	14424.5	14702.4	14856.0	14878.6	14718.4	14450.4			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	13683.5	14051.7	14339.5	14464.3	14487.0	14342.4	14050.2			
G38.0	13260.0	13631.2	13921.8	14040.7	14056.5	13902.1	13626.7			
G39.0	12766.1	13146.8	13378.0	13539.2	13551.6	13380.2	13089.6			
G40.0	12179.2	12583.7	12816.0	12961.9	12946.9	12770.6	12439.9			
G41.0	11442.4	11894.0	12138.9	12289.2	12237.7	12045.9	11783.2			
G42.0	10608.7	10992.9	11343.5	11511.3	11448.4	11164.9	10977.8			
G43.0	9663.0	10146.2	10498.9	10615.6	10555.7	10345.1	10153.0			
G44.0	8802.7	9279.1	9560.6	9784.1	9734.0	9526.6	9264.5			
G45.0	8003.9	8345.4	8679.0	8935.4	8899.2	8645.3	8485.2			
G46.0	7289.9	7566.5	7874.5	8104.5	8089.4	7840.3	7673.3			
G47.0	6613.7	6892.8	7152.3	7282.9	7270.8	7137.1	6954.6			
G48.0	6066.7	6312.9	6528.0	6631.7	6631.5	6517.3	6338.3			
G49.0	5571.1	5799.4	5934.6	6068.9	6083.6	5975.9	5789.4			
G50.0	5136.7	5297.1	5462.7	5585.0	5610.1	5450.1	5351.3			
G51.0	4695.0	4876.9	5028.1	5142.6	5130.2	5012.6	4889.1			
G52.0	4321.9	4498.1	4632.8	4700.6	4739.6	4618.3	4512.9			
G53.0	3965.6	4153.7	4226.4	4314.3	4372.0	4253.2	4123.4			
G54.0	3643.9	3830.4	3905.4	3963.9	4027.6	3918.6	3782.7			
G55.0	3325.8	3501.2	3608.0	3641.6	3707.2	3590.3	3489.7			
G56.0	3063.6	3226.7	3326.8	3318.0	3383.3	3311.5	3190.0			
G57.0	2824.5	2973.9	3033.3	3057.7	3119.4	3050.7	2933.5			
G58.0	2605.8	2735.9	2778.5	2812.6	2872.8	2792.0	2690.3			
G59.0	2409.4	2496.5	2542.0	2591.7	2643.4	2553.1	2465.4			
G60.0	2220.1	2288.7	2323.8	2382.9	2429.3	2307.5	2262.5			
G61.0	2031.1	2100.6	2127.4	2170.9	2210.1	2119.2	2088.5			
G62.0	1861.0	1925.7	1932.5	1993.0	2025.3	1942.9	1890.5			
G63.0	1706.6	1741.1	1755.4	1825.0	1854.1	1763.3	1733.9			
G64.0	1555.4	1589.1	1580.2	1663.0	1689.0	1611.0	1572.0			
G65.0	1402.8	1448.0	1434.8	1505.3	1524.6	1470.7	1429.3			
G66.0	1272.3	1317.4	1292.3	1368.6	1389.5	1339.6	1306.5			
G67.0	1147.0	1195.6	1149.4	1244.6	1257.5	1222.0	1188.9			
G68.0	1039.9	1071.3	1059.0	1132.6	1141.1	1096.9	1066.4			
G69.0	925.4	971.7	961.5	1013.2	1021.1	989.1	956.0			
G70.0	835.8	873.7	881.9	913.9	917.7	895.1	859.3			
G71.0	753.2	786.3	800.7	819.5	824.9	801.5	766.0			
G72.0	672.4	699.6	725.3	739.2	736.7	720.2	689.4			
G73.0	598.2	626.6	651.8	651.5	652.7	635.7	613.9			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	533.4	559.9	583.2	584.3	580.8	567.5	546.1			
G75.0	480.6	502.0	521.2	521.6	513.7	505.3	482.4			
G76.0	426.3	443.4	457.9	456.1	453.7	442.8	422.9			
G77.0	374.5	388.2	399.8	402.5	394.8	384.5	364.0			
G78.0	325.5	339.8	354.0	345.5	340.5	336.8	317.7			
G79.0	279.0	294.2	302.3	297.6	292.1	284.8	275.3			
G80.0	240.1	250.6	257.6	256.0	247.7	237.1	232.1			
G81.0	196.0	208.2	213.3	216.2	200.1	190.5	184.8			
G82.0	158.9	166.4	172.1	171.9	162.3	154.8	144.1			
G83.0	128.4	133.4	138.7	134.2	124.2	120.9	108.6			
G84.0	95.9	101.8	100.3	97.6	92.4	80.2	76.6			
G85.0	64.0	70.6	75.7	71.1	57.2	56.9	52.2			
G86.0	39.2	47.0	46.8	50.7	33.9	31.5	17.7			
G87.0	18.9	26.7	28.5	27.8	19.0	15.5	0.0			
G88.0	7.7	0.0	8.8	9.2	9.9	9.2	0.0			
G89.0	0.0	0.0	0.0	8.1	8.8	7.8	0.0			
G90.0	0.0	0.0	0.0	0.0	7.8	12.4	0.0			
G91.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0			
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G93.0	0.0	0.0	0.0	7.4	7.1	0.0	0.0			
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G95.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0			
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G97.0	0.0	0.0	7.4	0.0	0.0	0.0	0.0			
G98.0	0.0	0.0	0.0	0.0	0.0	8.8	0.0			
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G102.0	0.0	0.0	0.0	0.0	9.2	7.1	0.0			
G103.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0			
G104.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0			
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G106.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0			
G107.0	0.0	0.0	0.0	0.0	7.1	0.0	0.0			
G108.0	0.0	0.0	0.0	7.4	0.0	0.0	0.0			
G109.0	0.0	0.0	0.0	0.0	8.8	0.0	0.0			
G110.0	0.0	0.0	0.0	0.0	7.4	0.0	0.0			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	0.0	0.0	0.0	0.0	0.0	0.0			
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G113.0	0.0	0.0	0.0	0.0	8.5	0.0	0.0			
G114.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0			
G115.0	0.0	0.0	7.0	0.0	7.8	0.0	0.0			
G116.0	0.0	0.0	0.0	0.0	8.1	0.0	0.0			
G117.0	0.0	7.0	0.0	0.0	9.2	0.0	0.0			
G118.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0			
G119.0	0.0	0.0	0.0	0.0	8.8	8.1	0.0			
G120.0	0.0	0.0	8.8	0.0	8.8	0.0	0.0			
G121.0	0.0	7.0	7.7	0.0	10.9	7.8	0.0			
G122.0	0.0	0.0	0.0	10.9	9.5	9.2	0.0			
G123.0	0.0	0.0	12.7	10.2	9.2	7.8	0.0			
G124.0	0.0	7.4	0.0	11.3	10.2	10.2	0.0			
G125.0	0.0	8.8	9.5	9.5	10.2	8.1	0.0			
G126.0	7.3	0.0	7.0	10.9	11.6	11.0	0.0			
G127.0	0.0	9.8	11.3	8.8	9.5	10.6	0.0			
G128.0	10.5	13.7	7.4	7.4	11.6	10.6	0.0			
G129.0	8.7	11.2	12.7	16.9	15.9	8.8	0.0			
G130.0	13.0	0.0	10.9	15.5	18.0	18.4	0.0			
G131.0	10.5	12.3	12.3	12.0	14.8	15.2	0.0			
G132.0	10.5	13.0	14.8	14.1	17.6	12.0	0.0			
G133.0	11.2	10.9	13.4	15.1	18.7	18.7	0.0			
G134.0	13.6	10.5	17.6	16.9	19.0	13.8	8.0			
G135.0	12.6	15.1	17.6	15.1	21.5	18.7	0.0			
G136.0	15.8	18.3	20.4	20.8	19.0	19.1	8.7			
G137.0	16.1	19.7	19.0	21.1	18.3	19.8	8.7			
G138.0	16.1	15.8	17.2	16.9	22.2	20.8	12.2			
G139.0	18.9	21.1	22.2	24.0	21.9	22.3	9.0			
G140.0	20.3	18.6	21.8	21.5	23.3	24.0	12.5			
G141.0	21.3	20.7	22.2	25.4	10.9	25.4	14.6			
G142.0	17.5	20.7	27.8	22.9	26.1	26.9	14.6			
G143.0	25.5	24.2	25.3	26.4	24.3	21.6	10.8			
G144.0	26.3	28.4	14.8	24.3	24.3	24.0	18.8			
G145.0	23.8	22.8	21.1	28.2	30.3	26.9	10.8			
G146.0	25.9	27.4	29.2	28.5	28.9	30.4	17.4			
G147.0	26.3	30.2	33.8	25.4	29.3	25.1	19.8			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °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	27.7	29.8	33.4	29.9	25.4	32.9	18.8			
G149.0	28.4	30.9	17.2	32.4	30.3	32.9	17.7			
G150.0	33.2	32.6	35.5	33.1	33.5	32.9	20.5			
G151.0	26.3	30.5	30.6	33.8	30.7	33.9	21.6			
G152.0	33.6	24.9	29.2	33.1	34.9	32.2	26.4			
G153.0	29.4	30.9	29.2	33.5	39.2	38.5	27.8			
G154.0	34.3	36.9	36.9	32.0	32.1	38.2	24.4			
G155.0	34.3	31.6	38.4	33.5	36.3	31.5	26.8			
G156.0	32.2	38.3	37.3	37.7	36.7	34.3	26.4			
G157.0	33.6	26.7	34.8	37.0	41.3	40.6	29.2			
G158.0	35.0	38.3	38.0	32.4	36.7	38.2	25.4			
G159.0	31.2	38.6	38.0	37.7	36.0	38.5	33.8			
G160.0	36.4	28.8	42.2	35.2	41.3	40.3	26.8			
G161.0	38.1	38.6	35.2	34.9	41.6	43.1	24.7			
G162.0	39.5	40.4	38.0	41.6	45.5	37.8	35.8			
G163.0	39.9	21.8	42.6	40.8	44.1	42.8	28.9			
G164.0	35.4	41.4	44.7	40.8	39.9	44.9	29.9			
G165.0	34.0	37.9	33.8	43.7	34.2	36.4	32.4			
G166.0	33.2	42.8	38.0	40.8	43.7	27.9	33.1			
G167.0	35.0	37.2	36.6	39.4	43.0	44.5	31.3			
G168.0	37.5	44.6	43.6	44.7	43.4	47.0	34.5			
G169.0	41.7	39.0	45.0	45.8	45.5	45.9	34.1			
G170.0	41.7	47.0	42.9	43.0	40.9	45.2	32.7			
G171.0	45.2	47.0	47.9	50.4	44.1	45.2	35.2			
G172.0	40.6	45.3	45.4	48.6	35.3	45.6	25.1			
G173.0	39.9	39.0	48.6	47.9	35.3	42.8	37.2			
G174.0	38.1	49.1	37.3	40.8	36.0	42.4	33.8			
G175.0	43.8	40.4	47.2	47.9	40.6	47.0	33.8			
G176.0	43.1	29.5	30.3	41.9	42.7	43.1	33.1			
G177.0	36.7	42.1	38.4	41.6	42.3	45.2	30.6			
G178.0	30.4	26.0	39.1	40.1	39.2	42.8	30.6			
G179.0	38.5	38.3	39.4	44.7	42.0	41.7	30.3			
G180.0	32.9	41.8	43.3	41.9	38.5	41.0	31.7			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.9 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector: