

Report No.:

Test Time: 2021-7-1 15:49

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 3.298 A

Power Factor: 0.999

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 394.94 W

Photometric Results

CIE Class: Direct

Measurement Flux: 53077.1 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 124.8, 125.4, 125.4, 124.1

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 85.7, 86.6, 85.6, 86.8

Luminaire Efficacy Rating (LER): 134.44

Max. Intensity: 26826.48 cd

S/MH(C0/C180): 1.39

Total Rated Lamp Lumens: 53077.1 lm

Efficiency: 100%

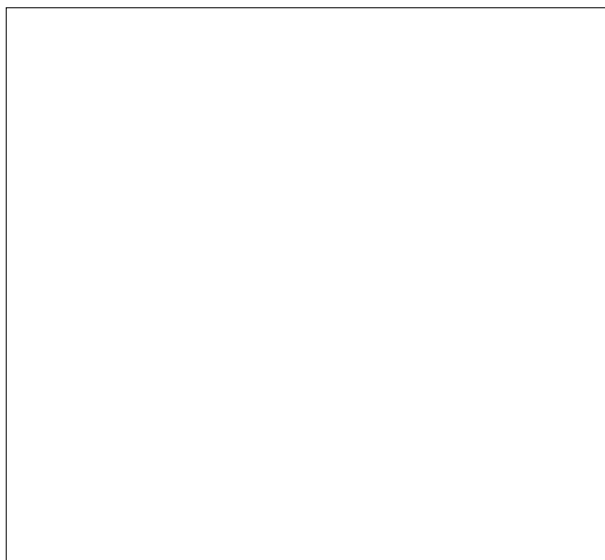
Upward Ratio: 0%

C0r0 Intensity: 25928.01 cd

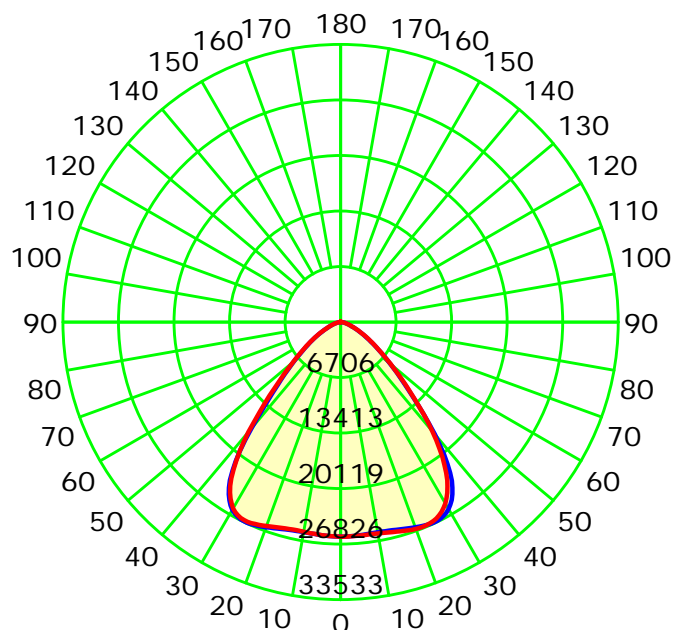
Pos of Max. Intensity: H45 V24

S/MH(C90/C270): 1.37

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 86.2°

— 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

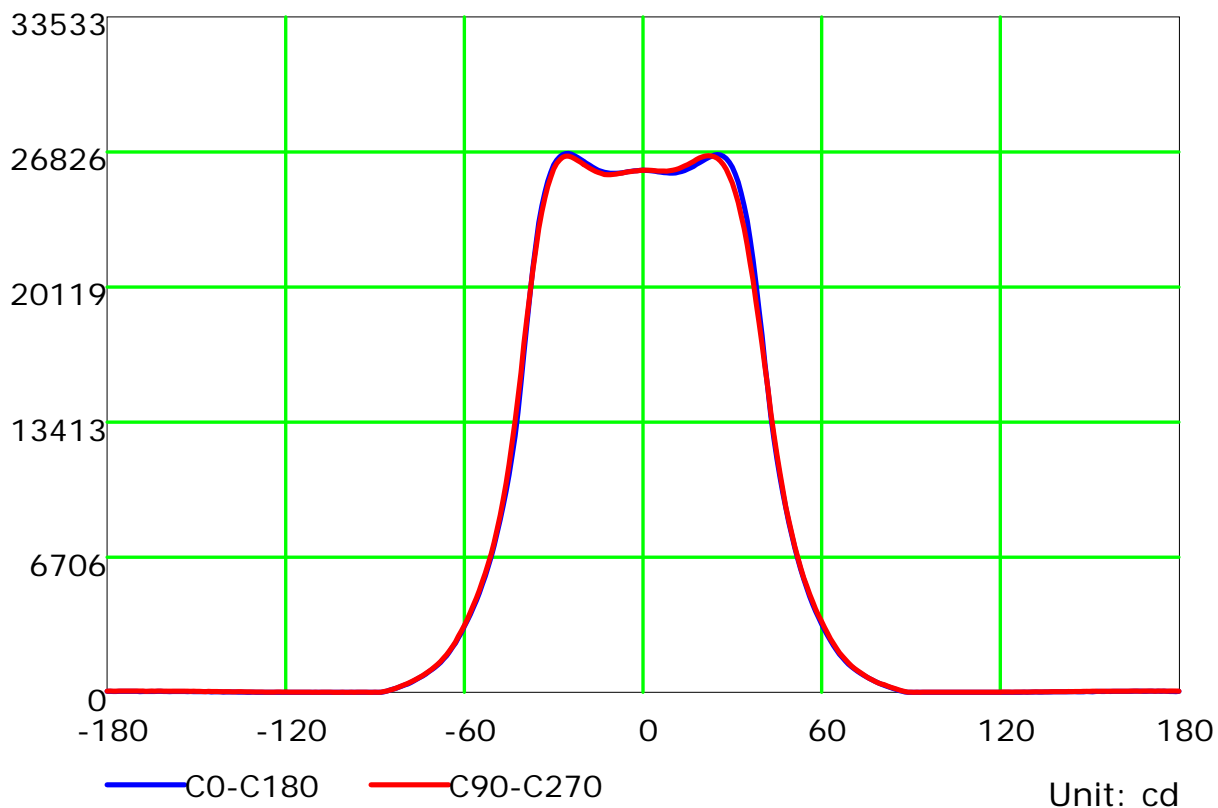
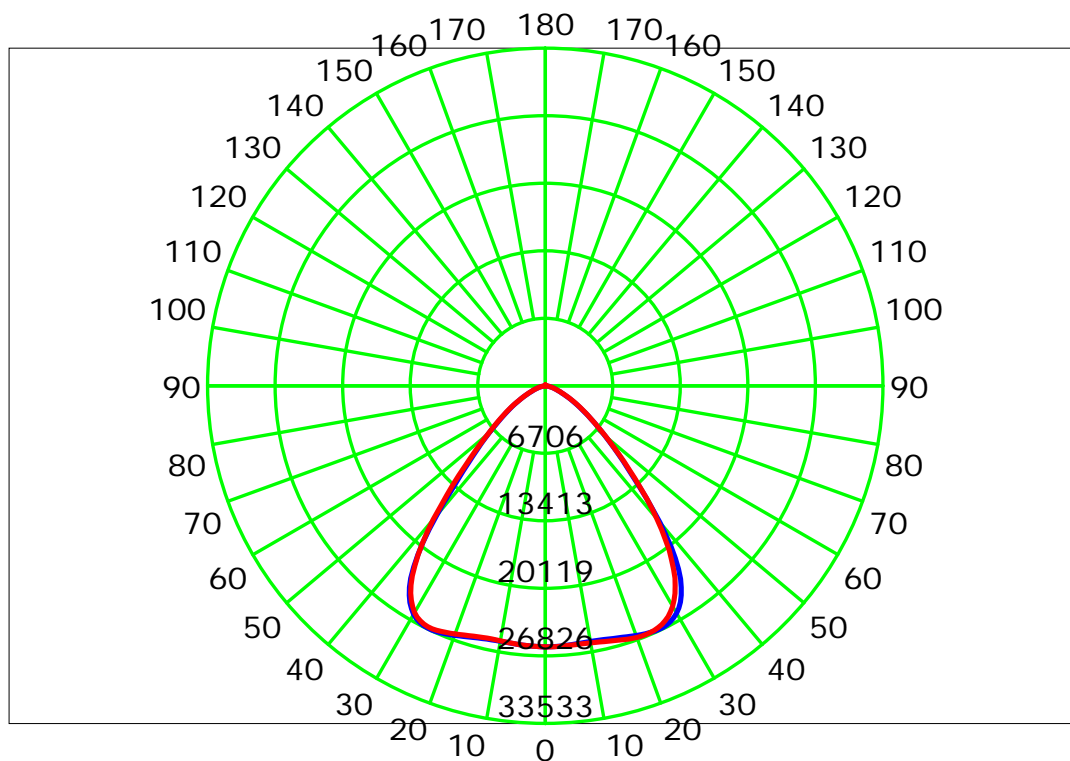
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

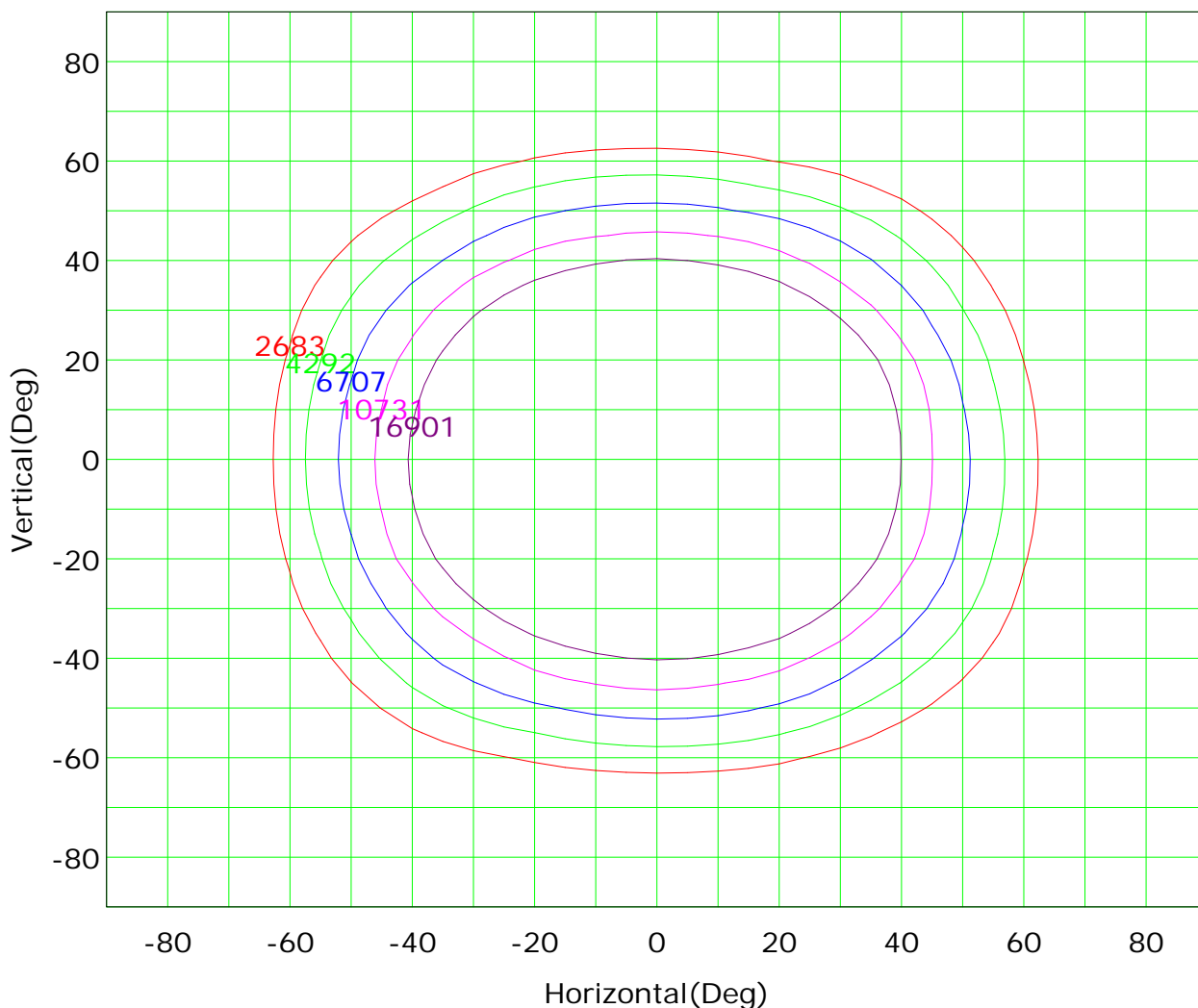
Luminous Intensity Distribution Curve



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)



Imax (100%): 26826 cd

(10%): 2683 cd
(25%): 6707 cd
(63%): 16901 cd

(16%): 4292 cd
(40%): 10731 cd
(100%): 26826 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

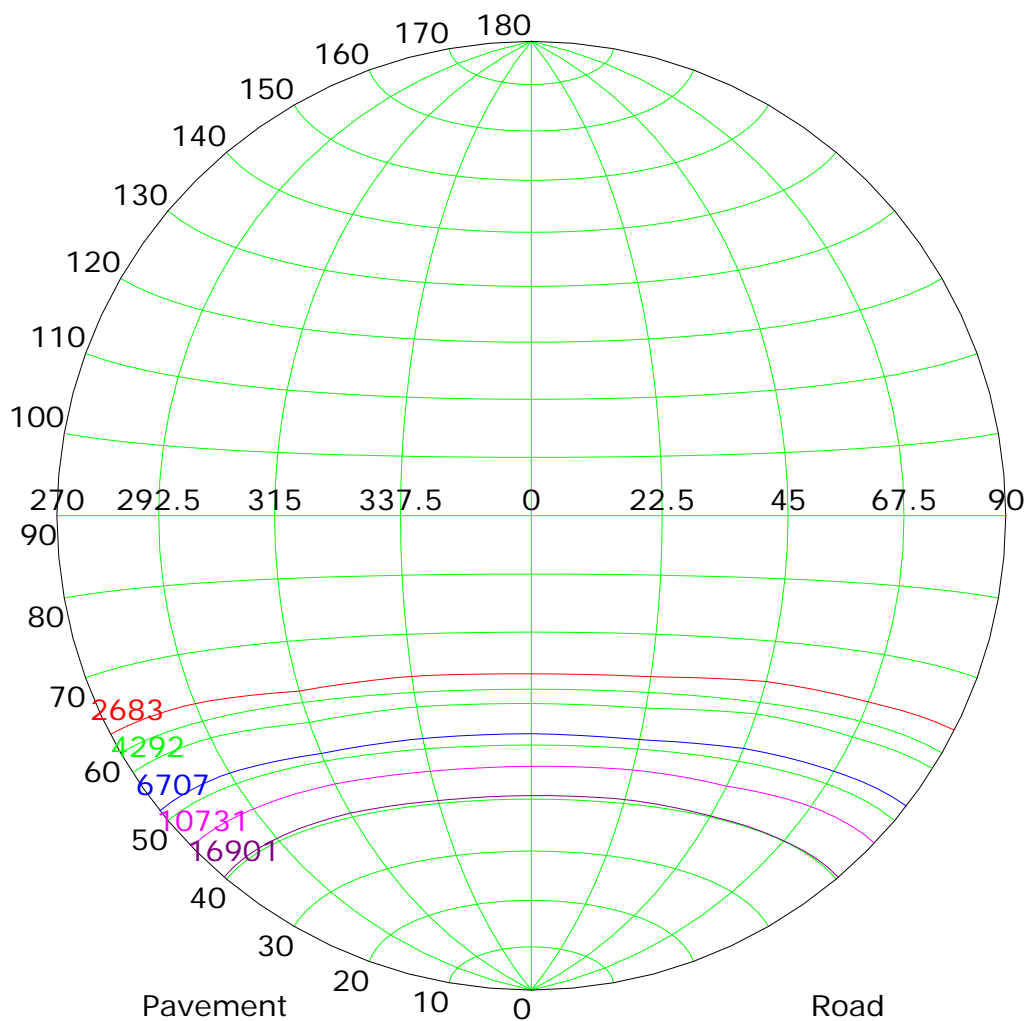
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 26826 cd

(10%): 2683 cd	(16%): 4292 cd
(25%): 6707 cd	(40%): 10731 cd
(63%): 16901 cd	(100%): 26826 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

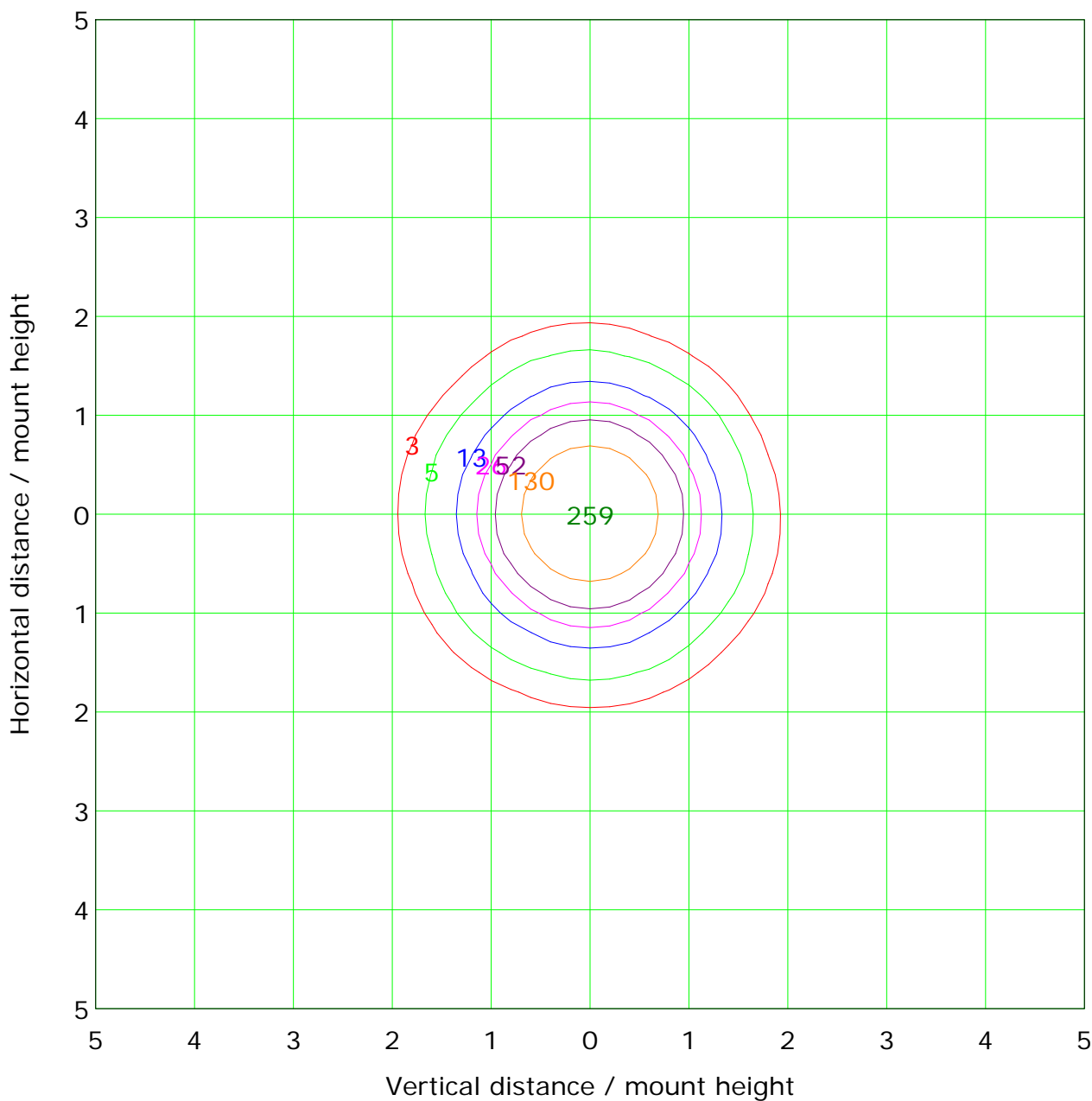
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 259.3 lx	
— (1%):	2.6 lx	— (2%):	5.2 lx
— (5%):	13.0 lx	— (10%):	25.9 lx
— (20%):	51.9 lx	— (50%):	129.6 lx
— (100%):	259.3 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

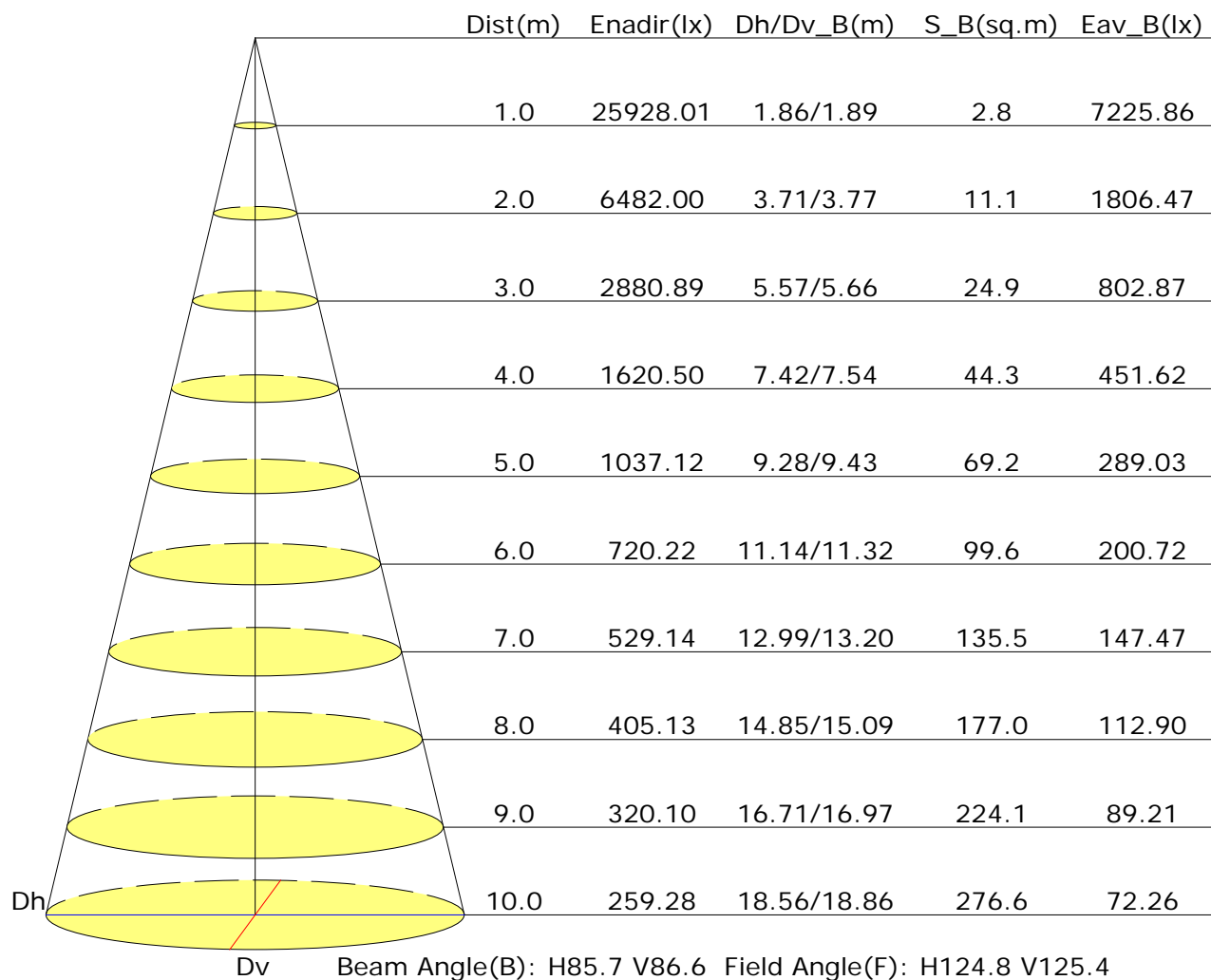
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

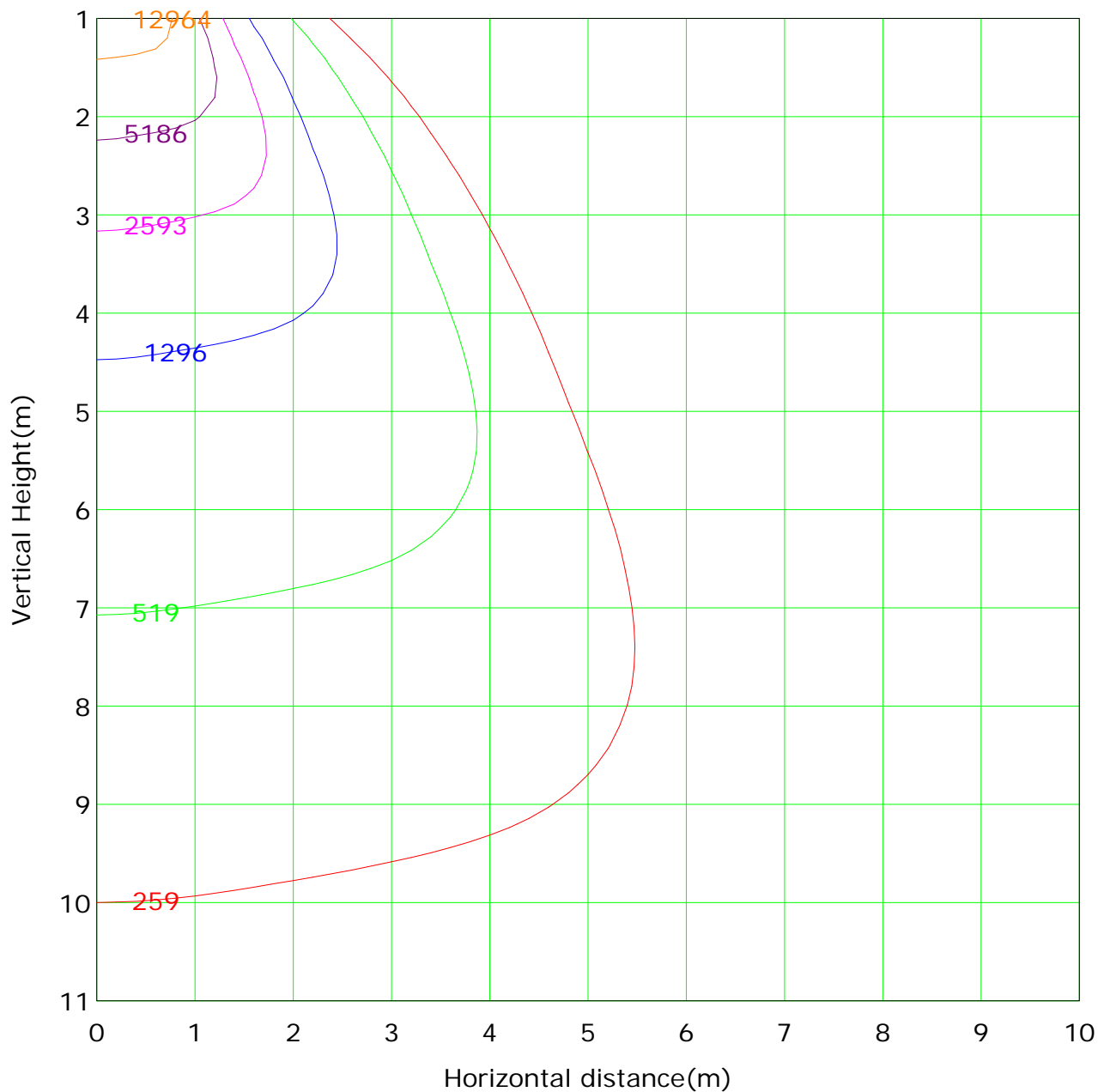
Illuminance at a Distance



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: 25928.0 lx

— (1%): 259.3 lx	— (2%): 518.6 lx
— (5%): 1296.4 lx	— (10%): 2592.8 lx
— (20%): 5185.6 lx	— (50%): 12964.0 lx
— (100%): 25928.0 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

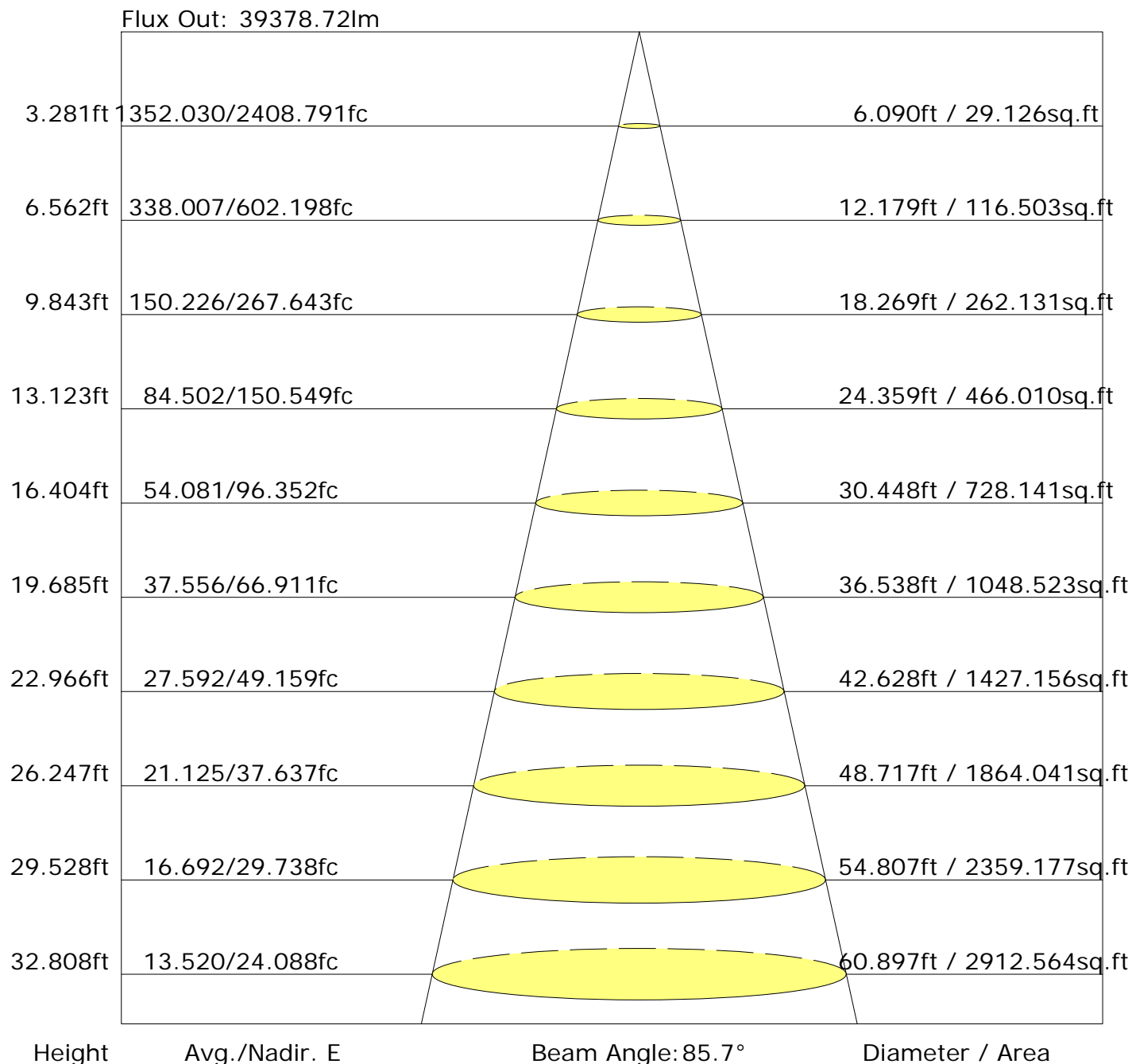
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

The Average Illuminance Effective Figure



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	25924.7	24.8	24.8	0.05	0.05
1.0-2.0	25916.8	74.4	99.2	0.14	0.19
2.0-3.0	25905.3	123.9	223.1	0.23	0.42
3.0-4.0	25890.9	173.3	396.4	0.33	0.75
4.0-5.0	25874.1	222.6	619.1	0.42	1.17
5.0-6.0	25856.2	271.8	890.8	0.51	1.68
6.0-7.0	25838.4	320.8	1211.6	0.60	2.28
7.0-8.0	25822.1	369.6	1581.2	0.70	2.98
8.0-9.0	25811.9	418.4	1999.6	0.79	3.77
9.0-10.0	25810.6	467.2	2466.7	0.88	4.65
10.0-11.0	25817.7	515.9	2982.7	0.97	5.62
11.0-12.0	25834.8	564.8	3547.5	1.06	6.68
12.0-13.0	25863.2	613.9	4161.4	1.16	7.84
13.0-14.0	25902.4	663.1	4824.5	1.25	9.09
14.0-15.0	25953.6	712.6	5537.1	1.34	10.43
15.0-16.0	26014.1	762.4	6299.4	1.44	11.87
16.0-17.0	26084.8	812.4	7111.8	1.53	13.40
17.0-18.0	26165.0	862.8	7974.7	1.63	15.02
18.0-19.0	26247.5	913.3	8888.0	1.72	16.75
19.0-20.0	26331.5	963.9	9851.8	1.82	18.56
20.0-21.0	26412.5	1014.3	10866.2	1.91	20.47
21.0-22.0	26483.8	1064.4	11930.6	2.01	22.48
22.0-23.0	26542.3	1113.9	13044.5	2.10	24.58
23.0-24.0	26585.1	1162.5	14206.9	2.19	26.77
24.0-25.0	26603.4	1209.8	15416.7	2.28	29.05
25.0-26.0	26582.7	1255.0	16671.7	2.36	31.41
26.0-27.0	26520.0	1297.6	17969.4	2.44	33.86
27.0-28.0	26410.5	1337.3	19306.7	2.52	36.37
28.0-29.0	26239.5	1373.0	20679.7	2.59	38.96
29.0-30.0	26001.7	1404.1	22083.8	2.65	41.61
30.0-31.0	25689.6	1429.8	23513.6	2.69	44.30
31.0-32.0	25287.7	1448.9	24962.5	2.73	47.03
32.0-33.0	24786.5	1460.4	26422.9	2.75	49.78
33.0-34.0	24183.4	1463.7	27886.7	2.76	52.54
34.0-35.0	23464.2	1457.4	29344.1	2.75	55.29
35.0-36.0	22615.9	1440.2	30784.3	2.71	58.00

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 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	21647.5	1412.0	32196.3	2.66	60.66
37.0-38.0	20571.6	1373.3	33569.6	2.59	63.25
38.0-39.0	19377.0	1322.8	34892.4	2.49	65.74
39.0-40.0	18096.3	1262.3	36154.6	2.38	68.12
40.0-41.0	16767.5	1194.2	37348.8	2.25	70.37
41.0-42.0	15427.4	1121.0	38469.8	2.11	72.48
42.0-43.0	14138.4	1047.5	39517.3	1.97	74.45
43.0-44.0	12959.4	978.2	40495.5	1.84	76.30
44.0-45.0	11892.2	914.1	41409.6	1.72	78.02
45.0-46.0	10926.3	854.6	42264.2	1.61	79.63
46.0-47.0	10054.6	799.8	43064.0	1.51	81.13
47.0-48.0	9263.0	748.9	43812.9	1.41	82.55
48.0-49.0	8544.6	701.8	44514.7	1.32	83.87
49.0-50.0	7881.4	657.2	45171.9	1.24	85.11
50.0-51.0	7278.0	615.8	45787.7	1.16	86.27
51.0-52.0	6725.7	577.2	46364.9	1.09	87.35
52.0-53.0	6214.6	540.7	46905.6	1.02	88.37
53.0-54.0	5739.9	506.0	47411.6	0.95	89.33
54.0-55.0	5299.3	473.1	47884.7	0.89	90.22
55.0-56.0	4889.4	441.9	48326.6	0.83	91.05
56.0-57.0	4508.5	412.3	48738.9	0.78	91.83
57.0-58.0	4152.8	384.1	49122.9	0.72	92.55
58.0-59.0	3820.9	357.3	49480.2	0.67	93.22
59.0-60.0	3506.0	331.3	49811.5	0.62	93.85
60.0-61.0	3209.7	306.3	50117.8	0.58	94.42
61.0-62.0	2930.7	282.4	50400.2	0.53	94.96
62.0-63.0	2665.5	259.3	50659.5	0.49	95.45
63.0-64.0	2418.7	237.4	50896.9	0.45	95.89
64.0-65.0	2190.4	216.8	51113.7	0.41	96.30
65.0-66.0	1984.2	198.0	51311.7	0.37	96.67
66.0-67.0	1800.7	181.1	51492.8	0.34	97.02
67.0-68.0	1633.7	165.5	51658.3	0.31	97.33
68.0-69.0	1480.9	151.1	51809.4	0.28	97.61
69.0-70.0	1342.8	137.9	51947.3	0.26	97.87
70.0-71.0	1219.1	126.0	52073.3	0.24	98.11
71.0-72.0	1106.7	115.1	52188.4	0.22	98.33

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	1003.2	104.9	52293.3	0.20	98.52
73.0-74.0	905.4	95.2	52388.5	0.18	98.70
74.0-75.0	813.5	86.0	52474.5	0.16	98.86
75.0-76.0	727.9	77.3	52551.8	0.15	99.01
76.0-77.0	646.1	68.9	52620.7	0.13	99.14
77.0-78.0	568.2	60.8	52681.5	0.11	99.25
78.0-79.0	495.0	53.2	52734.7	0.10	99.35
79.0-80.0	430.7	46.4	52781.2	0.09	99.44
80.0-81.0	375.2	40.6	52821.7	0.08	99.52
81.0-82.0	320.2	34.7	52856.5	0.07	99.58
82.0-83.0	265.9	28.9	52885.4	0.05	99.64
83.0-84.0	214.5	23.4	52908.7	0.04	99.68
84.0-85.0	163.4	17.8	52926.6	0.03	99.72
85.0-86.0	114.5	12.5	52939.1	0.02	99.74
86.0-87.0	70.8	7.8	52946.8	0.01	99.75
87.0-88.0	36.2	4.0	52950.8	0.01	99.76
88.0-89.0	15.1	1.7	52952.5	0.00	99.77
89.0-90.0	7.5	0.8	52953.3	0.00	99.77
90.0-91.0	5.8	0.6	52953.9	0.00	99.77
91.0-92.0	5.5	0.6	52954.5	0.00	99.77
92.0-93.0	5.5	0.6	52955.1	0.00	99.77
93.0-94.0	5.4	0.6	52955.7	0.00	99.77
94.0-95.0	6.2	0.7	52956.4	0.00	99.77
95.0-96.0	6.2	0.7	52957.1	0.00	99.77
96.0-97.0	5.2	0.6	52957.6	0.00	99.77
97.0-98.0	5.0	0.5	52958.2	0.00	99.78
98.0-99.0	5.8	0.6	52958.8	0.00	99.78
99.0-100.0	5.8	0.6	52959.4	0.00	99.78
100.0-101.0	6.2	0.7	52960.1	0.00	99.78
101.0-102.0	6.0	0.6	52960.8	0.00	99.78
102.0-103.0	5.5	0.6	52961.4	0.00	99.78
103.0-104.0	6.0	0.6	52962.0	0.00	99.78
104.0-105.0	6.0	0.6	52962.6	0.00	99.78
105.0-106.0	6.3	0.7	52963.3	0.00	99.79
106.0-107.0	6.4	0.7	52964.0	0.00	99.79
107.0-108.0	6.5	0.7	52964.7	0.00	99.79

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	6.5	0.7	52965.3	0.00	99.79
109.0-110.0	6.2	0.6	52966.0	0.00	99.79
110.0-111.0	6.7	0.7	52966.7	0.00	99.79
111.0-112.0	6.9	0.7	52967.4	0.00	99.79
112.0-113.0	7.0	0.7	52968.1	0.00	99.79
113.0-114.0	7.6	0.8	52968.8	0.00	99.80
114.0-115.0	7.6	0.8	52969.6	0.00	99.80
115.0-116.0	7.5	0.7	52970.3	0.00	99.80
116.0-117.0	8.2	0.8	52971.2	0.00	99.80
117.0-118.0	8.8	0.9	52972.0	0.00	99.80
118.0-119.0	8.8	0.8	52972.9	0.00	99.80
119.0-120.0	9.4	0.9	52973.8	0.00	99.81
120.0-121.0	10.5	1.0	52974.7	0.00	99.81
121.0-122.0	10.7	1.0	52975.7	0.00	99.81
122.0-123.0	11.1	1.0	52976.8	0.00	99.81
123.0-124.0	11.9	1.1	52977.9	0.00	99.81
124.0-125.0	12.3	1.1	52979.0	0.00	99.82
125.0-126.0	13.1	1.2	52980.1	0.00	99.82
126.0-127.0	13.8	1.2	52981.3	0.00	99.82
127.0-128.0	15.2	1.3	52982.7	0.00	99.82
128.0-129.0	16.9	1.5	52984.1	0.00	99.82
129.0-130.0	17.2	1.5	52985.6	0.00	99.83
130.0-131.0	18.2	1.5	52987.1	0.00	99.83
131.0-132.0	20.3	1.7	52988.8	0.00	99.83
132.0-133.0	21.3	1.7	52990.5	0.00	99.84
133.0-134.0	22.6	1.8	52992.3	0.00	99.84
134.0-135.0	24.2	1.9	52994.2	0.00	99.84
135.0-136.0	25.7	2.0	52996.2	0.00	99.85
136.0-137.0	27.5	2.1	52998.2	0.00	99.85
137.0-138.0	28.3	2.1	53000.3	0.00	99.86
138.0-139.0	29.5	2.1	53002.5	0.00	99.86
139.0-140.0	30.9	2.2	53004.7	0.00	99.86
140.0-141.0	32.2	2.2	53006.9	0.00	99.87
141.0-142.0	34.1	2.3	53009.3	0.00	99.87
142.0-143.0	36.4	2.4	53011.7	0.00	99.88
143.0-144.0	37.5	2.4	53014.1	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	38.6	2.5	53016.6	0.00	99.89
145.0-146.0	40.0	2.5	53019.1	0.00	99.89
146.0-147.0	41.5	2.5	53021.6	0.00	99.90
147.0-148.0	44.0	2.6	53024.2	0.00	99.90
148.0-149.0	45.7	2.6	53026.8	0.00	99.91
149.0-150.0	46.7	2.6	53029.4	0.00	99.91
150.0-151.0	47.6	2.6	53032.0	0.00	99.91
151.0-152.0	49.6	2.6	53034.6	0.00	99.92
152.0-153.0	51.0	2.6	53037.1	0.00	99.92
153.0-154.0	52.2	2.6	53039.7	0.00	99.93
154.0-155.0	53.6	2.5	53042.2	0.00	99.93
155.0-156.0	54.0	2.5	53044.7	0.00	99.94
156.0-157.0	54.8	2.4	53047.1	0.00	99.94
157.0-158.0	55.4	2.3	53049.4	0.00	99.95
158.0-159.0	56.2	2.3	53051.7	0.00	99.95
159.0-160.0	56.5	2.2	53053.8	0.00	99.96
160.0-161.0	56.9	2.1	53055.9	0.00	99.96
161.0-162.0	58.8	2.0	53058.0	0.00	99.96
162.0-163.0	60.3	2.0	53060.0	0.00	99.97
163.0-164.0	61.1	1.9	53061.9	0.00	99.97
164.0-165.0	60.7	1.8	53063.6	0.00	99.97
165.0-166.0	61.0	1.7	53065.3	0.00	99.98
166.0-167.0	61.2	1.6	53066.9	0.00	99.98
167.0-168.0	62.3	1.5	53068.4	0.00	99.98
168.0-169.0	63.5	1.4	53069.7	0.00	99.99
169.0-170.0	63.8	1.3	53071.0	0.00	99.99
170.0-171.0	64.6	1.2	53072.2	0.00	99.99
171.0-172.0	64.5	1.0	53073.2	0.00	99.99
172.0-173.0	63.8	0.9	53074.1	0.00	99.99
173.0-174.0	64.5	0.8	53074.9	0.00	100.00
174.0-175.0	65.0	0.7	53075.6	0.00	100.00
175.0-176.0	63.4	0.5	53076.2	0.00	100.00
176.0-177.0	61.4	0.4	53076.6	0.00	100.00
177.0-178.0	60.0	0.3	53076.9	0.00	100.00
178.0-179.0	59.3	0.2	53077.0	0.00	100.00
179.0-180.0	59.3	0.1	53077.1	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:

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	25928.0	25928.0	25928.0	25928.0	25928.0	25928.0	25928.0	25928.0	25928.0	25928.0
G1.0	25915.9	25921.5	25928.7	25928.0	25927.3	25925.1	25936.8	25914.8	25915.2	25917.2
G2.0	25908.0	25920.8	25925.1	25922.2	25928.0	25922.9	25912.6	25909.6	25903.0	25904.3
G3.0	25893.0	25903.6	25920.8	25901.9	25914.9	25913.4	25906.7	25895.0	25890.1	25891.4
G4.0	25876.6	25885.6	25902.7	25901.2	25898.2	25917.0	25897.2	25883.9	25871.6	25872.0
G5.0	25848.0	25871.2	25883.2	25882.3	25881.4	25903.2	25898.0	25867.0	25855.8	25862.6
G6.0	25832.3	25862.6	25868.8	25868.6	25886.5	25901.7	25895.8	25855.3	25825.1	25839.6
G7.0	25803.7	25843.2	25868.8	25867.8	25882.2	25909.0	25889.1	25843.5	25798.7	25815.2
G8.0	25795.1	25832.5	25861.6	25875.1	25880.0	25901.0	25885.5	25831.0	25782.9	25795.1
G9.0	25785.1	25835.3	25868.1	25896.8	25898.2	25922.2	25893.5	25830.3	25770.8	25777.8
G10.0	25782.9	25854.7	25899.1	25912.8	25927.3	25939.7	25900.1	25831.8	25771.5	25771.4
G11.0	25790.8	25886.3	25931.6	25951.9	25957.1	25972.6	25924.3	25852.3	25771.5	25765.6
G12.0	25833.0	25912.9	25970.6	26004.1	26007.3	26023.1	25956.6	25872.2	25796.5	25769.2
G13.0	25862.3	25963.2	26026.2	26068.6	26068.4	26053.8	25983.0	25906.7	25818.7	25785.0
G14.0	25911.6	26012.8	26095.6	26129.5	26138.3	26121.7	26037.2	25936.1	25866.6	25805.9
G15.0	25980.9	26080.3	26160.6	26215.8	26204.4	26187.5	26082.0	25997.8	25920.2	25848.3
G16.0	26045.2	26145.0	26247.2	26285.4	26282.3	26255.5	26141.3	26049.2	25999.5	25900.0
G17.0	26115.9	26243.4	26333.9	26373.8	26364.5	26334.5	26222.7	26116.1	26082.3	25976.2
G18.0	26215.3	26316.7	26422.7	26469.5	26454.7	26414.9	26300.4	26188.9	26176.7	26062.4
G19.0	26295.3	26391.5	26518.1	26547.8	26535.5	26469.0	26375.2	26257.2	26262.4	26145.0
G20.0	26388.2	26474.1	26614.9	26644.2	26590.7	26508.5	26441.9	26353.4	26373.2	26232.7
G21.0	26471.8	26563.9	26697.9	26705.1	26629.3	26542.1	26475.6	26435.7	26465.4	26316.0
G22.0	26555.4	26635.8	26757.2	26754.4	26643.8	26540.6	26499.1	26484.2	26559.0	26409.4
G23.0	26616.8	26686.1	26805.5	26768.9	26630.0	26527.5	26499.1	26521.7	26641.9	26457.6
G24.0	26679.7	26709.1	26826.5	26771.1	26588.6	26476.3	26469.8	26537.9	26719.8	26517.9
G25.0	26706.2	26693.2	26806.3	26728.3	26509.3	26396.6	26397.2	26550.4	26756.9	26561.0
G26.0	26687.6	26637.9	26742.7	26600.7	26385.6	26274.5	26312.2	26498.9	26750.5	26561.0
G27.0	26619.7	26539.5	26623.5	26442.7	26201.5	26131.2	26193.4	26420.3	26703.3	26537.3
G28.0	26503.2	26390.7	26448.0	26231.0	25971.7	25936.8	26015.2	26294.7	26594.0	26451.8
G29.0	26320.3	26164.4	26177.9	25946.1	25641.4	25646.6	25777.7	26122.0	26426.1	26316.7
G30.0	26075.2	25903.6	25849.3	25575.0	25292.2	25341.7	25488.9	25855.3	26189.5	26085.4
G31.0	25739.4	25568.8	25436.9	25147.3	24834.6	24941.8	25141.4	25555.5	25820.1	25795.1
G32.0	25325.6	25132.6	24938.5	24560.8	24319.6	24449.1	24747.7	25135.9	25379.2	25418.6
G33.0	24787.6	24586.5	24331.1	23929.4	23681.6	23871.6	24227.9	24606.2	24817.6	24936.4
G34.0	24149.4	23928.4	23688.3	23200.8	23035.6	23262.6	23618.7	23956.6	24142.3	24337.9
G35.0	23425.6	23166.0	22792.7	22380.9	22215.7	22460.7	22922.2	23224.8	23323.4	23601.4
G36.0	22506.7	22318.9	21883.4	21458.8	21327.4	21684.3	22066.0	22334.2	22235.1	22663.7

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:

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	21448.4	21372.6	20869.4	20350.4	20439.9	20811.4	21189.9	21393.0	21072.5	21654.9
G38.0	20292.9	20317.8	19733.3	19253.5	19385.8	19752.1	20188.5	20300.4	19748.4	20504.6
G39.0	18978.1	19044.5	18483.1	18105.2	18352.8	18668.0	19058.0	18921.9	18310.7	19189.0
G40.0	17721.2	17823.0	17103.6	16941.0	17255.8	17471.3	17842.5	17562.6	16833.7	17805.8
G41.0	16302.8	16590.8	15820.1	15776.0	16147.8	16191.9	16446.7	16168.0	15371.0	16273.2
G42.0	14993.0	15257.9	14447.9	14664.0	15047.1	14896.5	15031.0	14802.0	13901.2	14954.0
G43.0	13688.9	14065.9	13269.9	13488.1	13851.2	13669.8	13784.7	13386.1	12729.3	13710.2
G44.0	12582.1	12900.4	12140.3	12580.5	12791.2	12569.6	12635.2	12303.8	11741.7	12515.3
G45.0	11573.1	11772.3	11136.3	11620.7	11784.4	11551.3	11482.0	11235.4	10787.1	11262.9
G46.0	10717.0	10710.3	10248.7	10711.6	10918.0	10737.6	10605.2	10334.6	10000.3	10218.2
G47.0	9879.6	9760.5	9511.3	9910.6	10043.5	9983.9	9694.7	9513.1	9254.3	9309.2
G48.0	9168.6	8925.5	8914.7	9111.7	9213.5	9216.3	8892.7	8840.8	8579.8	8521.7
G49.0	8430.4	8156.7	8297.9	8393.3	8526.8	8565.7	8162.5	8143.5	7936.0	7829.1
G50.0	7788.8	7514.4	7764.2	7761.9	7872.0	7910.6	7504.9	7537.3	7292.1	7167.3
G51.0	7187.8	6938.8	7249.9	7165.2	7253.7	7301.0	6886.9	6984.0	6749.8	6611.2
G52.0	6624.7	6420.0	6737.1	6600.5	6695.0	6766.6	6382.5	6463.8	6249.6	6103.2
G53.0	6111.7	5939.3	6258.3	6082.2	6182.8	6245.3	5909.6	5998.7	5783.7	5622.5
G54.0	5627.2	5464.4	5824.9	5610.3	5683.1	5801.6	5433.1	5557.1	5361.4	5192.8
G55.0	5181.3	5058.4	5370.6	5172.4	5276.4	5342.5	5035.8	5153.0	4925.5	4755.9
G56.0	4766.9	4666.1	4977.7	4783.8	4871.2	4938.2	4652.3	4760.6	4557.5	4389.5
G57.0	4377.4	4297.5	4611.6	4398.9	4498.7	4546.4	4288.7	4382.9	4215.9	4046.0
G58.0	4034.4	3942.6	4270.7	4061.1	4135.7	4214.5	3939.0	4058.9	3880.8	3719.1
G59.0	3716.4	3642.2	3939.9	3747.2	3814.2	3864.3	3623.0	3724.6	3571.4	3387.9
G60.0	3387.0	3341.9	3626.4	3423.9	3512.3	3524.4	3305.6	3429.9	3276.3	3101.9
G61.0	3105.5	3073.9	3326.0	3147.7	3222.7	3234.2	3037.3	3150.0	2976.2	2842.5
G62.0	2826.8	2807.3	3029.8	2869.3	2933.2	2948.3	2768.2	2866.4	2720.4	2593.2
G63.0	2579.6	2576.6	2766.2	2603.2	2654.6	2677.1	2512.4	2594.5	2450.2	2335.9
G64.0	2326.6	2317.2	2521.4	2387.2	2417.4	2415.4	2268.3	2343.9	2243.0	2121.8
G65.0	2098.7	2120.4	2267.9	2150.2	2183.2	2177.1	2072.5	2120.6	2012.2	1920.6
G66.0	1894.3	1927.1	2066.4	1964.6	1967.8	1989.2	1876.0	1932.5	1818.6	1746.7
G67.0	1725.0	1746.7	1879.3	1792.0	1792.5	1794.7	1699.4	1740.7	1653.5	1592.3
G68.0	1561.3	1601.6	1693.7	1615.9	1630.3	1627.3	1545.4	1577.6	1489.2	1439.9
G69.0	1405.6	1442.8	1529.7	1479.6	1468.8	1468.7	1401.7	1429.9	1356.3	1314.2
G70.0	1277.6	1310.6	1399.0	1345.5	1318.9	1315.9	1277.8	1288.1	1230.5	1199.2
G71.0	1164.0	1193.5	1263.2	1221.5	1197.4	1198.2	1161.2	1168.3	1120.4	1092.9
G72.0	1053.3	1087.1	1141.1	1105.5	1086.8	1101.7	1063.7	1064.0	1019.0	980.1
G73.0	961.1	982.2	1032.8	1007.7	985.7	991.3	971.4	962.6	908.9	885.2

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	861.0	885.9	936.0	907.6	884.6	893.3	867.3	869.2	815.3	791.1
G75.0	776.7	797.6	838.5	814.1	786.4	796.8	784.4	769.3	732.4	717.1
G76.0	696.0	714.2	747.5	722.8	693.3	715.7	699.4	687.0	652.4	640.2
G77.0	617.4	629.4	663.0	639.4	624.9	637.5	621.7	600.3	571.7	556.9
G78.0	543.1	552.5	576.4	563.3	547.1	556.3	546.2	531.2	487.3	482.9
G79.0	475.2	483.6	499.8	493.0	476.5	478.8	472.9	452.6	420.2	419.6
G80.0	405.9	414.6	428.3	427.0	417.6	439.4	420.8	392.4	368.0	372.9
G81.0	353.7	357.1	370.5	364.6	385.6	407.9	378.3	345.3	311.5	310.4
G82.0	301.5	303.9	312.0	309.5	322.3	337.7	321.8	294.6	255.8	260.1
G83.0	249.4	259.4	265.1	261.0	264.8	282.2	277.1	238.8	205.1	209.1
G84.0	197.2	204.8	216.0	213.1	221.2	228.8	220.7	191.0	162.2	170.3
G85.0	145.8	148.7	161.8	157.3	169.5	175.5	170.1	149.2	114.3	111.4
G86.0	95.0	106.3	109.8	105.8	125.1	122.8	112.9	99.9	64.3	69.7
G87.0	59.3	62.5	66.4	69.6	74.2	73.8	63.8	63.2	24.3	35.9
G88.0	20.7	30.9	35.4	37.7	40.7	40.9	32.3	30.1	0.0	0.0
G89.0	0.0	10.1	15.2	10.9	14.5	13.2	13.2	14.7	0.0	0.0
G90.0	0.0	0.0	0.0	9.4	10.9	13.2	12.5	12.5	0.0	0.0
G91.0	0.0	0.0	0.0	11.6	0.0	11.7	11.7	9.6	0.0	0.0
G92.0	0.0	0.0	7.2	9.4	10.9	13.9	10.3	8.8	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	7.3	9.5	11.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	10.2	9.5	13.2	9.6	0.0	0.0
G95.0	0.0	0.0	0.0	7.3	10.2	12.4	11.0	11.8	0.0	0.0
G96.0	0.0	0.0	9.4	0.0	12.4	9.5	12.5	11.8	0.0	0.0
G97.0	0.0	0.0	0.0	9.4	10.9	11.7	0.0	9.6	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	11.6	9.5	7.3	10.3	0.0	0.0
G99.0	0.0	0.0	9.4	8.0	10.9	9.5	8.8	11.0	0.0	0.0
G100.0	0.0	0.0	0.0	7.3	9.5	11.7	11.7	9.6	0.0	0.0
G101.0	0.0	0.0	7.2	10.9	8.0	9.5	12.5	12.5	0.0	0.0
G102.0	0.0	0.0	0.0	8.7	11.6	11.0	8.1	11.8	0.0	0.0
G103.0	0.0	0.0	7.2	8.0	8.7	9.5	12.5	14.0	0.0	0.0
G104.0	0.0	0.0	7.9	11.6	9.5	11.7	11.7	10.3	0.0	0.0
G105.0	0.0	0.0	7.9	0.0	12.4	10.2	11.0	11.8	0.0	0.0
G106.0	0.0	0.0	0.0	8.0	11.6	11.7	12.5	9.6	0.0	0.0
G107.0	0.0	0.0	0.0	8.0	14.5	9.5	11.0	11.8	0.0	0.0
G108.0	0.0	0.0	8.7	8.0	12.4	8.8	13.9	8.8	0.0	0.0
G109.0	0.0	0.0	0.0	10.1	9.5	11.7	13.2	14.0	0.0	0.0
G110.0	0.0	0.0	8.7	0.0	14.5	10.2	13.2	14.0	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	10.8	10.9	8.0	13.2	12.5	8.8	0.0	0.0
G112.0	0.0	0.0	0.0	8.0	10.9	12.4	13.2	11.0	0.0	0.0
G113.0	0.0	0.0	7.9	8.7	11.6	12.4	9.5	12.5	0.0	0.0
G114.0	0.0	0.0	8.7	10.9	9.5	12.4	11.0	14.7	0.0	0.0
G115.0	0.0	0.0	7.2	0.0	10.2	16.8	11.7	12.5	0.0	0.0
G116.0	0.0	0.0	7.9	8.0	8.7	11.7	11.0	14.7	0.0	0.0
G117.0	0.0	0.0	12.3	13.0	13.1	14.6	13.9	13.2	0.0	0.0
G118.0	0.0	7.2	12.3	10.9	13.1	11.0	15.4	15.4	0.0	0.0
G119.0	0.0	0.0	10.8	11.6	13.8	12.4	14.7	12.5	0.0	0.0
G120.0	0.0	0.0	10.1	14.5	13.8	14.6	14.7	14.7	0.0	0.0
G121.0	0.0	8.6	8.7	14.5	16.0	14.6	14.7	16.9	0.0	0.0
G122.0	0.0	0.0	11.6	8.7	18.2	14.6	16.1	14.0	0.0	0.0
G123.0	0.0	7.9	13.0	13.0	16.7	16.1	16.1	17.6	0.0	0.0
G124.0	0.0	7.2	13.0	14.5	13.8	19.7	18.3	18.4	0.0	0.0
G125.0	0.0	9.3	16.6	14.5	17.5	16.8	14.7	17.6	0.0	0.0
G126.0	0.0	7.9	15.9	17.4	21.8	15.4	17.6	20.6	0.0	7.2
G127.0	0.0	12.2	15.2	15.9	16.7	23.4	19.1	19.1	0.0	0.0
G128.0	10.7	11.5	15.9	18.1	18.9	19.7	23.5	21.3	0.0	11.5
G129.0	7.9	12.9	19.5	21.0	21.8	22.7	21.3	20.6	0.0	8.6
G130.0	9.3	18.0	14.4	21.8	23.3	24.1	22.0	20.6	0.0	10.8
G131.0	11.4	15.1	21.7	19.6	25.5	24.9	24.9	17.6	10.0	16.5
G132.0	16.4	20.8	23.1	21.8	26.9	29.2	23.5	23.5	0.0	13.7
G133.0	12.9	20.1	23.1	21.8	26.2	19.7	31.5	27.9	0.0	10.8
G134.0	13.6	20.8	25.3	22.5	26.2	29.2	24.2	28.7	12.9	15.1
G135.0	17.9	20.1	26.0	24.7	26.9	30.7	28.6	24.2	12.1	14.4
G136.0	19.3	26.6	28.9	31.2	30.6	30.0	30.8	28.7	15.0	16.5
G137.0	21.4	26.6	28.2	29.0	34.2	32.2	32.3	29.4	17.9	15.8
G138.0	25.7	28.7	28.9	29.7	37.1	33.6	34.5	37.5	17.1	20.8
G139.0	27.9	26.6	33.2	28.3	33.5	29.2	29.3	33.1	21.4	18.7
G140.0	25.7	30.2	33.9	35.5	38.6	38.0	33.7	36.0	18.6	20.8
G141.0	26.4	31.6	22.4	35.5	36.4	37.3	38.9	40.4	15.0	25.1
G142.0	27.1	36.6	36.1	32.6	38.6	43.1	37.4	38.2	24.3	26.6
G143.0	30.0	34.5	39.0	39.9	42.2	42.4	43.3	41.2	24.3	27.3
G144.0	35.0	41.7	34.7	38.4	35.6	32.9	39.6	36.7	26.4	25.9
G145.0	33.6	32.3	46.2	40.6	45.8	43.1	46.2	47.8	22.9	32.3
G146.0	26.4	31.6	43.3	43.5	46.6	49.0	47.7	36.7	34.3	30.9
G147.0	27.9	42.4	45.5	45.7	44.4	51.2	52.8	50.0	36.4	33.1

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	26.4	42.4	48.4	43.5	48.0	52.6	47.7	51.4	36.4	37.4
G149.0	40.0	38.1	51.3	46.4	51.6	48.2	41.1	43.4	35.0	39.5
G150.0	35.7	46.7	52.0	44.2	50.2	55.6	57.9	51.4	37.9	30.9
G151.0	29.3	41.7	39.0	49.3	56.7	55.6	57.2	58.0	38.6	38.1
G152.0	45.0	52.4	53.4	58.0	56.7	56.3	52.8	51.4	40.0	42.4
G153.0	50.7	48.1	50.6	53.6	52.4	57.0	52.0	52.2	37.2	35.9
G154.0	46.5	46.7	48.4	56.5	59.6	55.6	60.1	59.5	42.2	38.1
G155.0	45.7	43.1	49.8	55.8	61.1	59.9	60.1	56.6	46.5	44.5
G156.0	48.6	55.3	55.6	57.3	50.2	58.5	56.4	58.8	45.7	46.0
G157.0	40.7	56.0	57.8	59.4	61.8	60.7	60.1	61.0	42.2	46.0
G158.0	48.6	52.4	52.7	58.7	56.0	57.0	59.4	51.4	45.0	51.0
G159.0	50.0	56.0	60.7	60.9	61.8	58.5	60.1	59.5	38.6	50.3
G160.0	47.9	50.3	62.1	59.4	60.4	62.1	63.8	63.9	42.2	49.6
G161.0	50.7	58.9	60.7	58.7	60.4	58.5	60.8	66.1	42.2	50.3
G162.0	50.7	56.8	62.8	66.0	61.8	60.7	64.5	65.4	47.9	53.9
G163.0	50.0	53.9	65.0	65.2	62.6	65.8	65.3	65.4	48.6	51.0
G164.0	53.6	61.1	63.6	62.3	69.8	55.6	64.5	63.2	42.9	56.0
G165.0	56.5	55.3	57.8	58.7	66.2	63.6	65.3	66.9	46.5	56.8
G166.0	57.9	53.9	63.6	63.8	69.8	70.2	63.8	69.8	44.3	56.8
G167.0	56.5	58.2	62.1	67.4	63.3	68.0	57.9	62.5	42.9	45.3
G168.0	55.0	62.5	67.2	62.3	66.9	63.6	68.2	66.9	47.2	61.1
G169.0	55.0	64.0	59.2	68.1	65.5	68.7	72.6	71.3	35.7	53.9
G170.0	59.3	61.8	67.2	63.8	67.7	70.2	71.1	60.2	47.9	56.0
G171.0	59.3	61.1	65.7	68.9	68.4	65.1	65.3	69.1	52.9	58.9
G172.0	54.3	64.7	68.6	67.4	56.7	70.9	67.4	65.4	53.6	51.7
G173.0	57.2	53.9	64.3	62.3	64.7	68.0	66.0	62.5	48.6	61.1
G174.0	54.3	64.0	63.6	66.7	71.3	67.3	67.4	67.6	52.9	63.2
G175.0	56.5	64.7	62.1	65.2	69.8	69.4	57.9	69.8	49.3	60.4
G176.0	51.5	64.0	65.7	65.2	61.8	69.4	66.7	67.6	48.6	56.0
G177.0	45.7	64.0	63.6	66.0	64.0	65.1	63.8	66.1	46.5	47.4
G178.0	46.5	51.7	58.5	60.2	64.0	61.4	62.3	69.1	47.2	54.6
G179.0	36.4	55.3	56.3	63.8	66.9	60.7	64.5	57.3	51.5	42.4
G180.0	53.6	50.3	62.8	60.2	62.6	65.1	65.3	64.7	47.9	53.9

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 5)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	25928.0	25928.0	25928.0	25928.0	25928.0	25928.0	25928.0			
G1.0	25920.8	25920.8	25915.6	25927.3	25916.3	25911.8	25915.9			
G2.0	25912.8	25909.2	25890.9	25909.7	25903.1	25911.1	25908.0			
G3.0	25891.9	25886.0	25883.6	25892.2	25890.6	25901.6	25893.0			
G4.0	25878.2	25862.8	25857.4	25872.5	25876.7	25879.5	25876.6			
G5.0	25855.1	25835.2	25845.8	25849.8	25856.9	25842.0	25848.0			
G6.0	25821.1	25817.1	25824.0	25809.6	25837.1	25817.1	25832.3			
G7.0	25792.9	25783.0	25781.1	25786.2	25812.9	25790.6	25803.7			
G8.0	25769.1	25754.8	25763.6	25765.7	25781.4	25765.6	25795.1			
G9.0	25743.8	25727.2	25733.8	25740.9	25758.7	25757.5	25785.1			
G10.0	25730.8	25716.3	25721.4	25727.0	25746.9	25765.6	25782.9			
G11.0	25720.7	25700.4	25703.9	25716.0	25749.1	25773.0	25790.8			
G12.0	25722.2	25706.2	25701.8	25715.3	25757.2	25799.4	25833.0			
G13.0	25756.8	25714.9	25713.4	25748.9	25777.7	25828.8	25862.3			
G14.0	25779.2	25744.6	25763.6	25786.2	25824.6	25847.9	25911.6			
G15.0	25816.1	25786.6	25810.2	25857.8	25871.6	25895.0	25980.9			
G16.0	25856.5	25848.3	25870.5	25922.9	25933.1	25953.0	26045.2			
G17.0	25923.7	25909.9	25948.4	25995.3	26016.0	26022.1	26115.9			
G18.0	25992.3	25986.0	26029.1	26093.2	26086.4	26092.6	26215.3			
G19.0	26076.1	26077.3	26122.2	26188.3	26182.4	26174.9	26295.3			
G20.0	26162.0	26172.3	26221.9	26284.8	26264.5	26263.8	26388.2			
G21.0	26253.0	26268.0	26317.9	26367.4	26355.4	26343.2	26471.8			
G22.0	26346.9	26356.4	26413.2	26462.4	26441.9	26415.2	26555.4			
G23.0	26419.9	26430.4	26497.6	26545.0	26527.0	26504.1	26616.8			
G24.0	26484.1	26517.4	26577.6	26624.7	26584.9	26559.9	26679.7			
G25.0	26500.0	26573.2	26620.6	26647.4	26621.5	26594.5	26706.2			
G26.0	26505.1	26571.7	26621.3	26630.5	26606.9	26595.9	26687.6			
G27.0	26480.5	26542.0	26566.0	26558.2	26539.4	26559.2	26619.7			
G28.0	26394.6	26465.9	26439.4	26425.9	26433.1	26482.0	26503.2			
G29.0	26279.0	26338.3	26263.4	26205.1	26233.7	26328.5	26320.3			
G30.0	26088.3	26135.3	25990.6	25922.9	25974.9	26098.5	26075.2			
G31.0	25837.0	25834.5	25584.6	25554.4	25637.7	25773.0	25739.4			
G32.0	25493.2	25383.6	25122.7	25106.3	25170.7	25319.6	25325.6			
G33.0	25031.0	24839.9	24547.3	24543.4	24627.5	24800.9	24787.6			
G34.0	24375.9	24190.3	23859.8	23787.5	23999.9	24168.2	24149.4			
G35.0	23626.9	23361.7	23039.9	22978.2	23230.2	23400.4	23425.6			
G36.0	22719.8	22402.7	22020.7	22075.4	22362.9	22496.6	22506.7			

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:

Candlepower Table (Continue 6)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	21680.5	21177.5	20968.1	21084.1	21275.7	21376.1	21448.4			
G38.0	20490.9	19897.3	19815.7	20028.5	20201.7	20214.4	20292.9			
G39.0	18980.7	18529.3	18591.4	18755.0	19036.7	18932.2	18978.1			
G40.0	17481.3	17116.4	17320.5	17522.4	17778.7	17564.1	17721.2			
G41.0	15879.4	15744.9	15882.3	16186.8	16467.9	16168.0	16302.8			
G42.0	14354.0	14476.9	14639.0	14806.6	15162.2	14826.3	14993.0			
G43.0	13009.9	13254.0	13470.7	13497.3	13811.1	13480.9	13688.9			
G44.0	11803.0	12254.3	12382.4	12269.1	12655.7	12408.2	12582.1			
G45.0	10932.0	11324.9	11305.0	11254.5	11553.1	11444.1	11573.1			
G46.0	10156.3	10447.0	10390.6	10334.1	10520.2	10573.4	10717.0			
G47.0	9415.2	9533.6	9545.2	9548.9	9512.9	9706.4	9879.6			
G48.0	8750.0	8776.8	8794.5	8868.3	8721.1	8995.8	9168.6			
G49.0	8040.8	8060.5	8105.5	8162.1	8001.9	8322.1	8430.4			
G50.0	7463.0	7437.8	7445.0	7578.0	7382.4	7650.5	7788.8			
G51.0	6892.4	6792.6	6889.2	7038.5	6747.6	7137.6	7187.8			
G52.0	6379.6	6261.3	6388.7	6542.1	6217.5	6564.5	6624.7			
G53.0	5843.7	5758.9	5921.7	6013.6	5723.4	6075.9	6111.7			
G54.0	5398.1	5308.0	5491.7	5563.3	5265.9	5624.0	5627.2			
G55.0	4991.5	4893.3	5050.1	5145.8	4851.7	5165.5	5181.3			
G56.0	4604.3	4467.0	4679.1	4767.9	4433.9	4773.8	4766.9			
G57.0	4212.2	4111.1	4324.8	4370.9	4083.4	4414.5	4377.4			
G58.0	3866.2	3770.4	3985.8	4020.8	3748.4	4059.6	4034.4			
G59.0	3554.9	3461.6	3638.1	3701.3	3440.5	3732.7	3716.4			
G60.0	3253.0	3164.3	3328.2	3389.1	3142.9	3425.5	3387.0			
G61.0	2973.5	2872.9	3051.8	3101.8	2848.1	3112.5	3105.5			
G62.0	2686.8	2619.2	2789.9	2808.0	2593.8	2844.3	2826.8			
G63.0	2446.3	2385.0	2510.5	2552.8	2357.7	2587.9	2579.6			
G64.0	2215.9	2161.8	2276.3	2315.2	2131.2	2343.9	2326.6			
G65.0	2012.9	1954.4	2064.6	2101.8	1922.2	2108.8	2098.7			
G66.0	1817.9	1773.9	1870.3	1902.9	1744.1	1913.4	1894.3			
G67.0	1633.0	1620.2	1702.3	1719.4	1590.9	1734.1	1725.0			
G68.0	1487.8	1476.7	1536.4	1562.2	1444.2	1572.4	1561.3			
G69.0	1353.5	1333.9	1398.2	1424.8	1304.9	1413.7	1405.6			
G70.0	1228.5	1215.7	1269.5	1291.8	1191.3	1283.7	1277.6			
G71.0	1112.3	1108.4	1149.4	1159.4	1087.9	1168.3	1164.0			
G72.0	1009.0	1002.6	1035.9	1051.2	986.8	1061.0	1053.3			
G73.0	915.1	903.3	937.7	950.4	902.5	956.7	961.1			

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	824.8	808.3	837.3	858.2	813.0	866.3	861.0			
G75.0	729.5	730.7	752.9	767.6	739.7	779.6	776.7			
G76.0	654.4	653.2	672.9	679.1	655.4	694.4	696.0			
G77.0	573.5	578.5	592.9	592.9	583.6	615.0	617.4			
G78.0	500.5	499.5	523.1	530.0	510.2	534.2	543.1			
G79.0	439.1	431.3	447.4	459.8	445.0	462.9	475.2			
G80.0	392.2	381.3	386.3	386.0	389.3	403.4	405.9			
G81.0	329.3	331.3	326.6	328.2	338.0	342.4	353.7			
G82.0	277.3	270.4	262.6	268.3	277.8	291.0	301.5			
G83.0	226.8	216.8	207.3	216.4	226.5	235.9	249.4			
G84.0	168.3	157.3	156.4	155.7	172.3	186.6	197.2			
G85.0	117.7	108.0	114.2	109.7	115.1	138.9	145.8			
G86.0	70.8	76.1	71.3	66.5	74.0	85.2	95.0			
G87.0	37.6	36.2	40.7	31.4	25.7	45.6	59.3			
G88.0	12.3	10.1	12.4	0.0	18.3	25.7	20.7			
G89.0	0.0	9.4	0.0	12.4	8.8	13.2	0.0			
G90.0	0.0	7.3	9.5	8.0	9.5	13.2	0.0			
G91.0	0.0	0.0	0.0	11.0	12.5	11.0	0.0			
G92.0	0.0	0.0	0.0	9.5	11.7	14.7	0.0			
G93.0	0.0	8.0	8.0	14.6	8.8	11.8	0.0			
G94.0	0.0	8.0	9.5	9.5	11.7	11.8	0.0			
G95.0	0.0	12.3	8.0	13.2	11.0	7.4	0.0			
G96.0	0.0	0.0	10.2	10.2	7.3	11.8	0.0			
G97.0	0.0	0.0	0.0	8.8	8.8	11.8	0.0			
G98.0	0.0	7.3	10.2	11.7	11.0	11.0	0.0			
G99.0	0.0	7.3	0.0	9.5	11.7	10.3	0.0			
G100.0	0.0	7.3	0.0	11.0	11.7	11.0	0.0			
G101.0	0.0	7.3	8.7	10.2	11.0	9.6	0.0			
G102.0	0.0	0.0	0.0	7.3	11.0	14.7	0.0			
G103.0	0.0	7.3	0.0	0.0	9.5	16.2	0.0			
G104.0	0.0	0.0	0.0	11.7	12.5	12.5	0.0			
G105.0	0.0	0.0	8.7	9.5	9.5	12.5	0.0			
G106.0	0.0	8.7	13.1	10.2	12.5	11.0	0.0			
G107.0	0.0	0.0	10.9	8.8	7.3	13.2	0.0			
G108.0	0.0	8.7	9.5	8.8	13.9	11.0	0.0			
G109.0	0.0	8.0	0.0	11.7	11.7	7.4	0.0			
G110.0	0.0	0.0	8.0	11.0	13.2	9.6	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	7.2	7.3	7.3	7.3	8.1	10.3	0.0			
G112.0	0.0	8.7	9.5	7.3	13.2	14.7	0.0			
G113.0	0.0	10.1	9.5	10.2	13.2	10.3	0.0			
G114.0	7.9	8.0	10.9	10.2	9.5	14.7	0.0			
G115.0	0.0	10.9	10.9	8.8	11.7	12.5	0.0			
G116.0	0.0	11.6	12.4	13.2	13.2	14.7	0.0			
G117.0	0.0	12.3	8.0	11.7	10.3	14.0	0.0			
G118.0	0.0	11.6	9.5	15.4	13.2	11.0	0.0			
G119.0	0.0	0.0	12.4	14.6	18.3	14.0	0.0			
G120.0	0.0	11.6	21.8	13.2	19.1	16.9	0.0			
G121.0	10.1	9.4	11.6	16.1	14.7	14.0	0.0			
G122.0	10.8	12.3	16.0	13.9	15.4	19.8	0.0			
G123.0	8.7	13.0	16.7	15.4	15.4	14.7	0.0			
G124.0	10.8	14.5	15.3	14.6	18.3	19.1	0.0			
G125.0	12.3	9.4	11.6	19.0	19.1	16.2	0.0			
G126.0	9.4	16.7	11.6	21.9	20.5	19.1	0.0			
G127.0	11.6	10.1	14.5	20.5	24.2	16.9	0.0			
G128.0	17.3	18.8	19.6	17.5	20.5	20.6	10.7			
G129.0	19.5	15.9	21.1	20.5	21.3	21.3	7.9			
G130.0	12.3	17.4	22.6	17.5	17.6	23.5	9.3			
G131.0	17.3	13.0	21.8	17.5	22.7	28.7	11.4			
G132.0	20.2	23.9	24.0	27.8	24.9	22.8	16.4			
G133.0	18.1	24.7	25.5	24.1	27.9	24.2	12.9			
G134.0	22.4	29.7	29.1	32.2	25.7	27.2	13.6			
G135.0	25.3	24.7	34.2	29.2	24.9	26.4	17.9			
G136.0	25.3	26.1	32.7	34.4	29.3	27.9	19.3			
G137.0	25.3	24.7	30.6	33.6	31.5	33.8	21.4			
G138.0	22.4	31.2	27.6	19.7	33.0	33.1	25.7			
G139.0	26.7	34.1	32.7	33.6	38.1	37.5	27.9			
G140.0	30.3	23.2	36.4	36.6	38.9	28.7	25.7			
G141.0	29.6	36.2	38.6	38.7	36.7	37.5	26.4			
G142.0	37.6	39.1	37.1	37.3	33.0	40.4	27.1			
G143.0	31.8	39.9	45.1	38.0	38.9	41.9	30.0			
G144.0	41.2	42.0	41.5	38.7	46.2	43.4	35.0			
G145.0	34.7	35.5	47.3	40.9	41.1	45.6	33.6			
G146.0	40.5	42.8	48.0	40.9	44.0	37.5	26.4			
G147.0	41.9	34.8	35.6	45.3	49.1	49.2	27.9			

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 9)

Unit: cd

GVC	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	47.7	50.7	45.8	49.7	49.9	44.8	26.4			
G149.0	46.9	45.7	54.6	54.1	51.3	53.6	40.0			
G150.0	49.8	47.8	55.3	54.1	42.5	40.4	35.7			
G151.0	42.6	55.8	58.9	46.8	52.8	50.0	29.3			
G152.0	49.1	51.5	50.9	49.7	59.4	47.8	45.0			
G153.0	46.9	52.9	56.0	55.6	58.7	56.6	50.7			
G154.0	49.8	56.5	57.5	58.5	60.8	58.0	46.5			
G155.0	54.2	56.5	59.6	54.8	57.2	55.8	45.7			
G156.0	56.3	51.5	56.7	56.3	55.7	56.6	48.6			
G157.0	47.7	59.4	59.6	59.9	55.7	61.0	40.7			
G158.0	54.9	55.1	62.6	60.7	59.4	58.8	48.6			
G159.0	55.6	59.4	56.7	63.6	63.0	58.8	50.0			
G160.0	48.4	62.3	58.2	49.7	55.7	57.3	47.9			
G161.0	59.9	57.3	58.9	62.9	59.4	62.5	50.7			
G162.0	52.7	57.3	64.0	62.9	63.8	63.2	50.7			
G163.0	59.2	58.7	66.2	67.3	61.6	69.1	50.0			
G164.0	60.7	63.8	58.2	68.7	70.4	64.7	53.6			
G165.0	59.2	58.0	65.5	60.7	64.5	62.5	56.5			
G166.0	59.2	63.1	59.6	67.3	60.1	63.9	57.9			
G167.0	64.3	66.0	55.3	68.0	67.4	67.6	56.5			
G168.0	62.1	68.1	66.2	61.4	74.0	68.3	55.0			
G169.0	64.3	65.2	65.5	70.2	68.9	63.2	55.0			
G170.0	54.9	68.9	69.8	68.7	73.3	68.3	59.3			
G171.0	66.4	62.3	69.8	58.5	75.5	70.5	59.3			
G172.0	59.9	70.3	67.7	67.3	69.6	71.3	54.3			
G173.0	62.1	60.9	69.8	71.6	68.9	71.3	57.2			
G174.0	60.7	70.3	69.8	73.1	70.4	68.3	54.3			
G175.0	67.2	63.1	71.3	65.8	70.4	65.4	56.5			
G176.0	54.2	67.4	64.7	70.2	59.4	68.3	51.5			
G177.0	54.2	63.1	60.4	63.6	68.9	63.2	45.7			
G178.0	62.8	66.0	61.1	55.6	67.4	66.1	46.5			
G179.0	57.8	62.3	68.4	67.3	65.3	66.1	36.4			
G180.0	50.6	63.1	60.4	62.9	65.3	65.4	53.6			

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: