

Report No.:

Test Time: 2023/7/7 21:21

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.331 A

Power Factor: 0.998

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 39.67 W

Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 4864.7 lm

Efficiency: 100%

Upward Ratio: 12%

C0r0 Intensity: 1321.48 cd

Pos of Max. Intensity: H180 V2

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 136.5, 104.9, 117.0, 117.7

Longitudinal Classification: Very Short

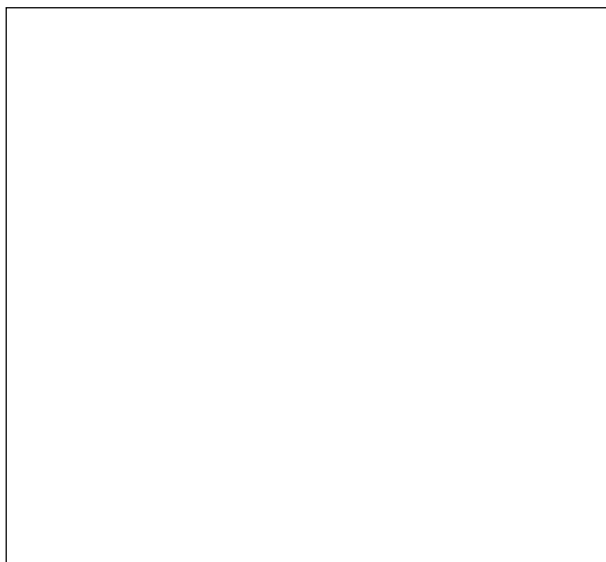
Measurement Flux: 4864.7 lm

Downward Ratio: 88%

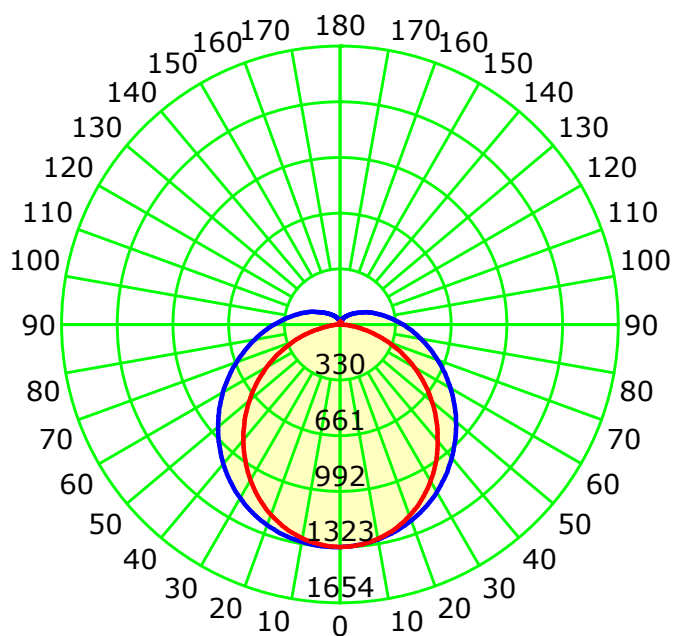
Luminaire Efficacy Rating (LER): 122.68

Max. Intensity: 1323.34 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 120.7°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 25.1 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

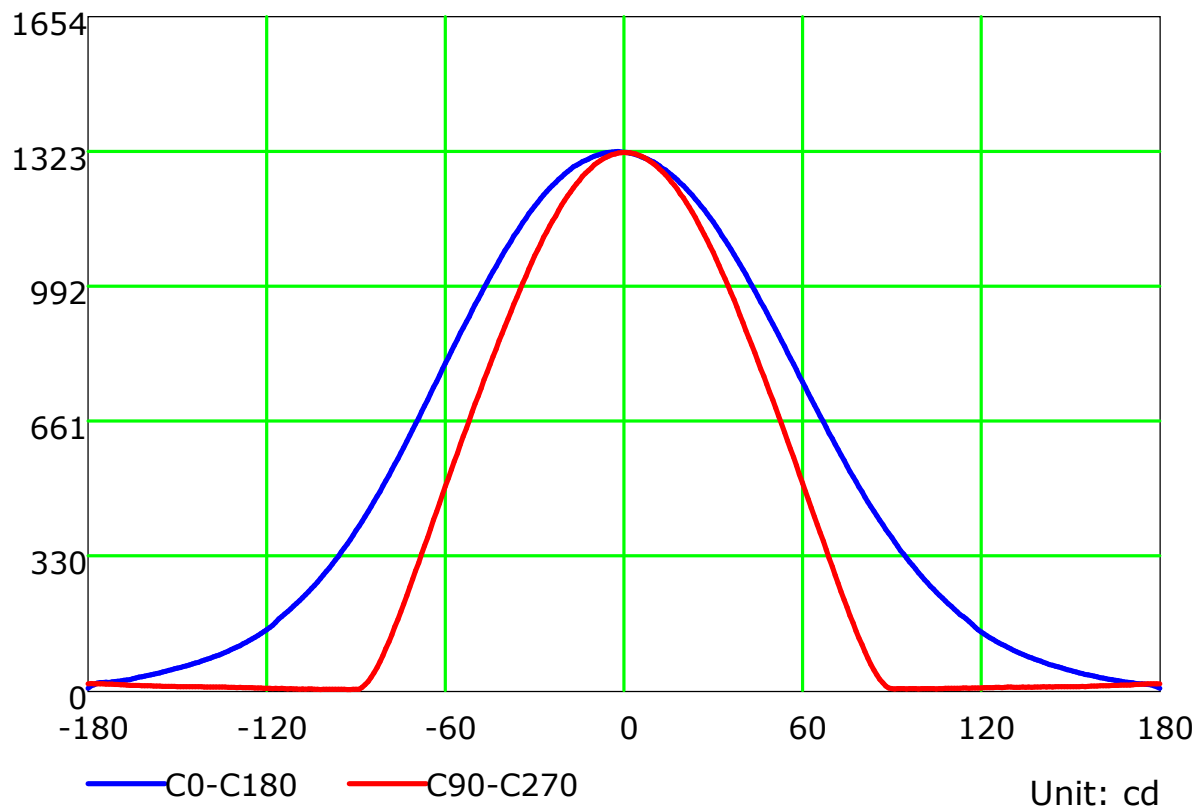
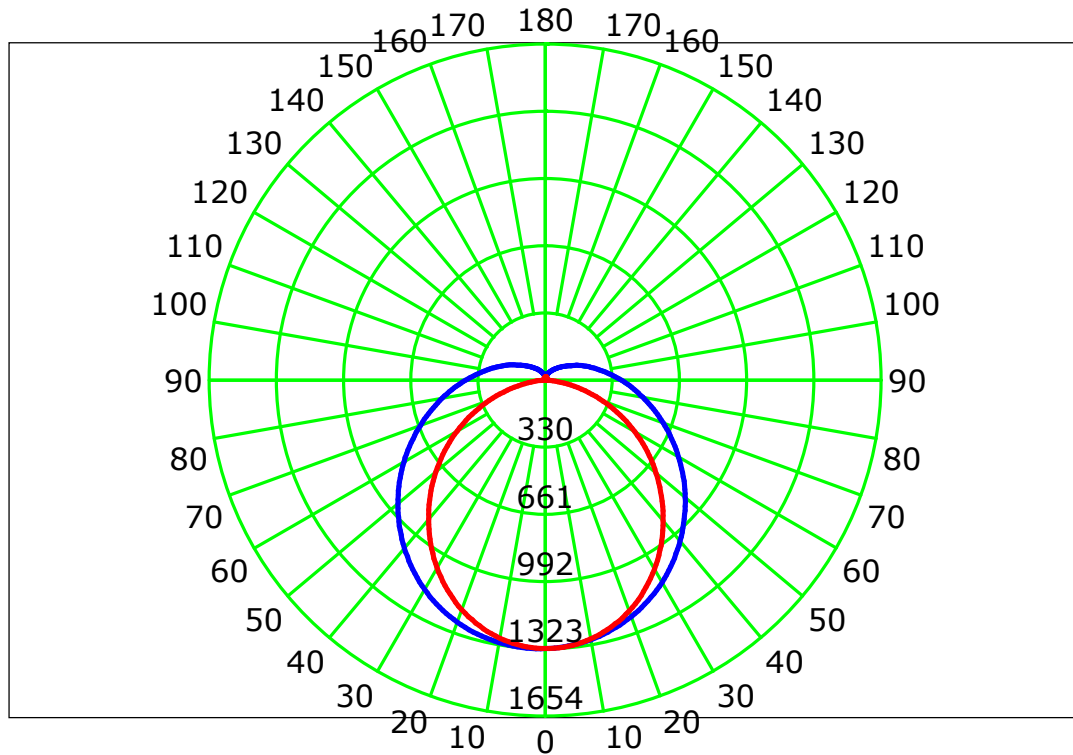
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

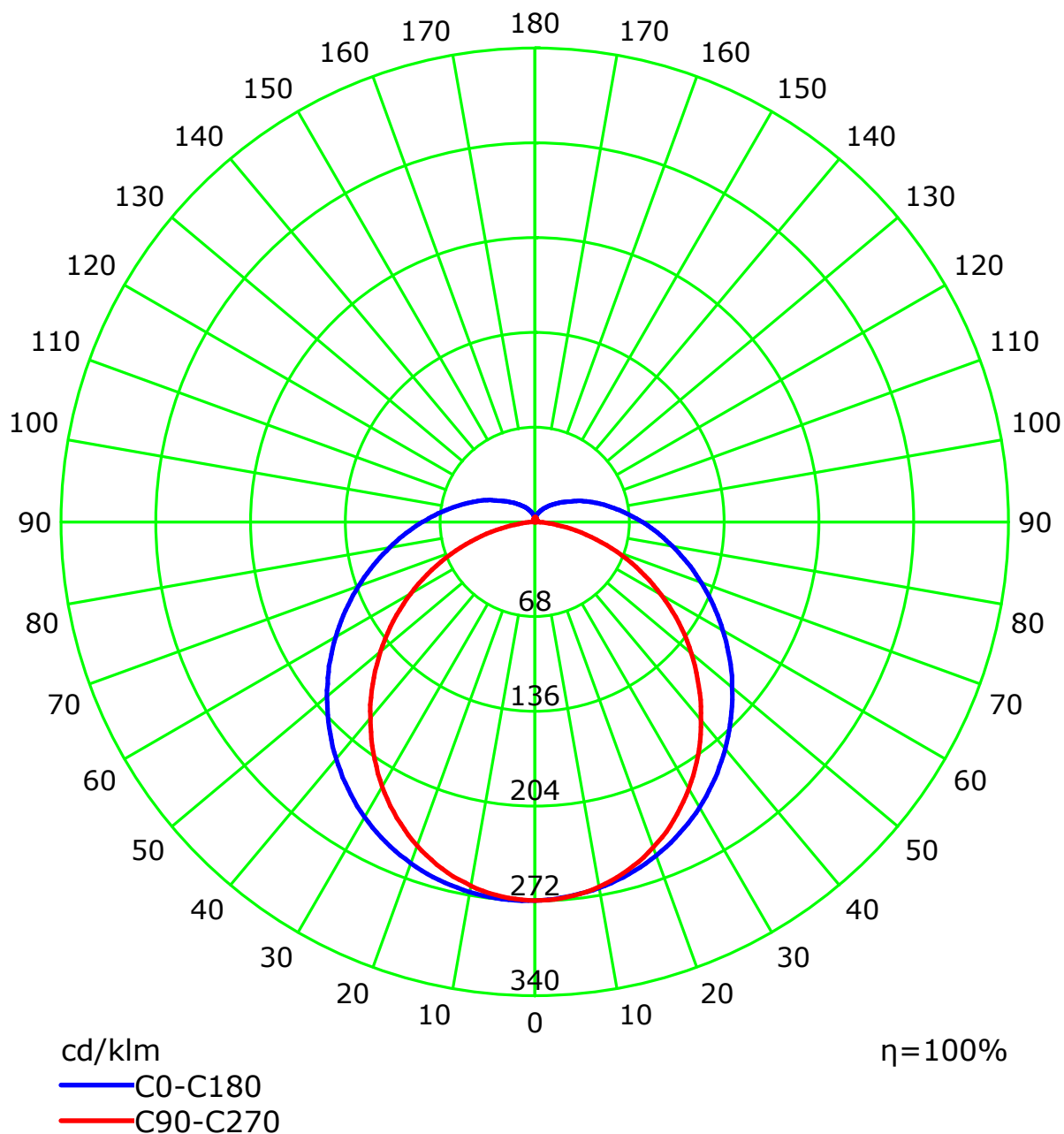
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.1 'C
Operator:

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

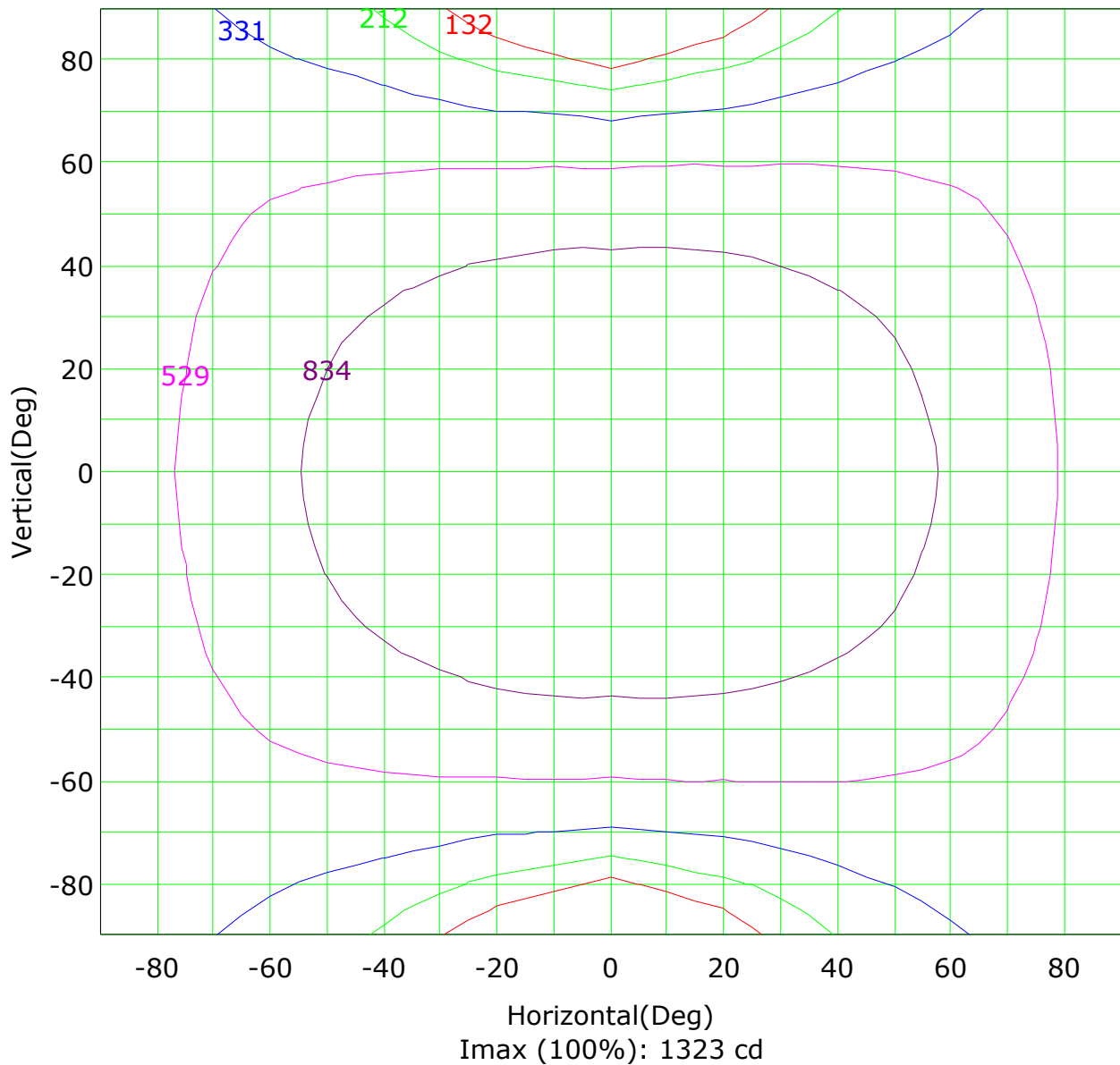
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.1 'C
Operator:

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

Isocandela (rectangle)

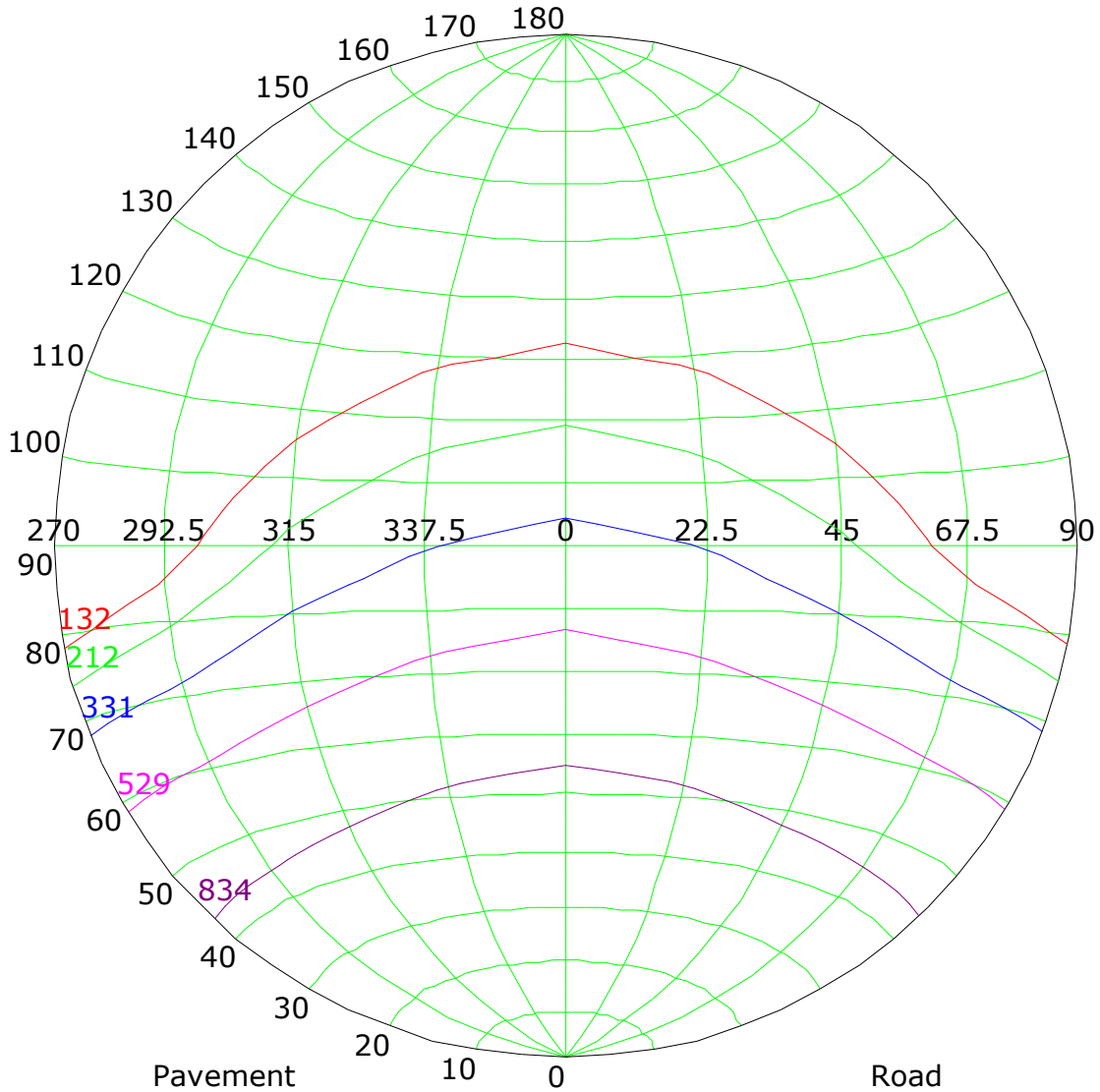


(10%): 132 cd	(16%): 212 cd
(25%): 331 cd	(40%): 529 cd
(63%): 834 cd	(100%): 1323 cd

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.1 '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%): 1323 cd

(10%): 132 cd
(25%): 331 cd
(63%): 834 cd

(16%): 212 cd
(40%): 529 cd
(100%): 1323 cd

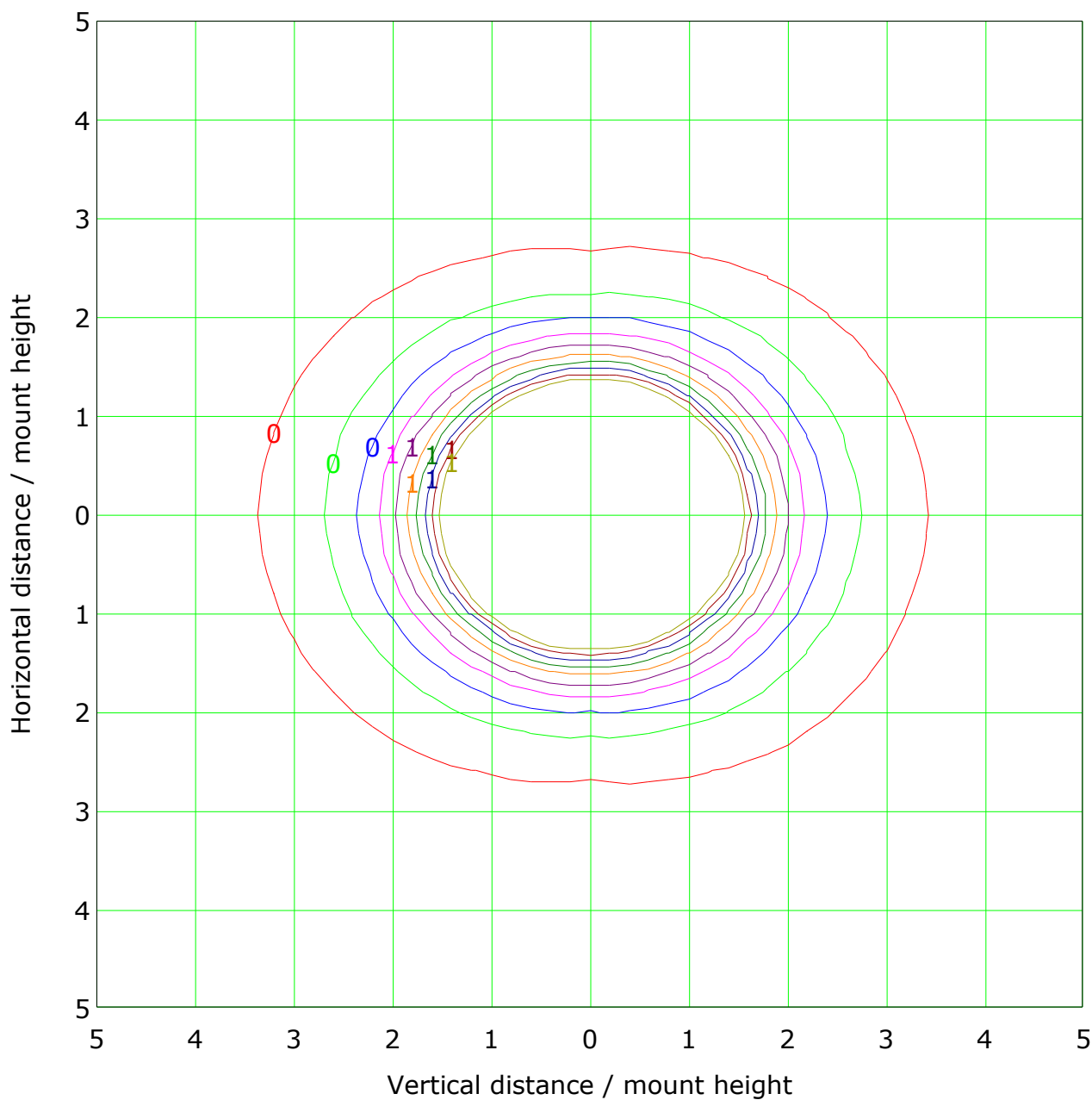
CIE: narrow - short
CIE: Non-cut-off luminaire
Max.At90: 80.817 cd/klm

IES: Non-cut-off
Max.At80: 105.909 cd/klm
Max.80-90: 105.909 cd/klm

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.1 '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



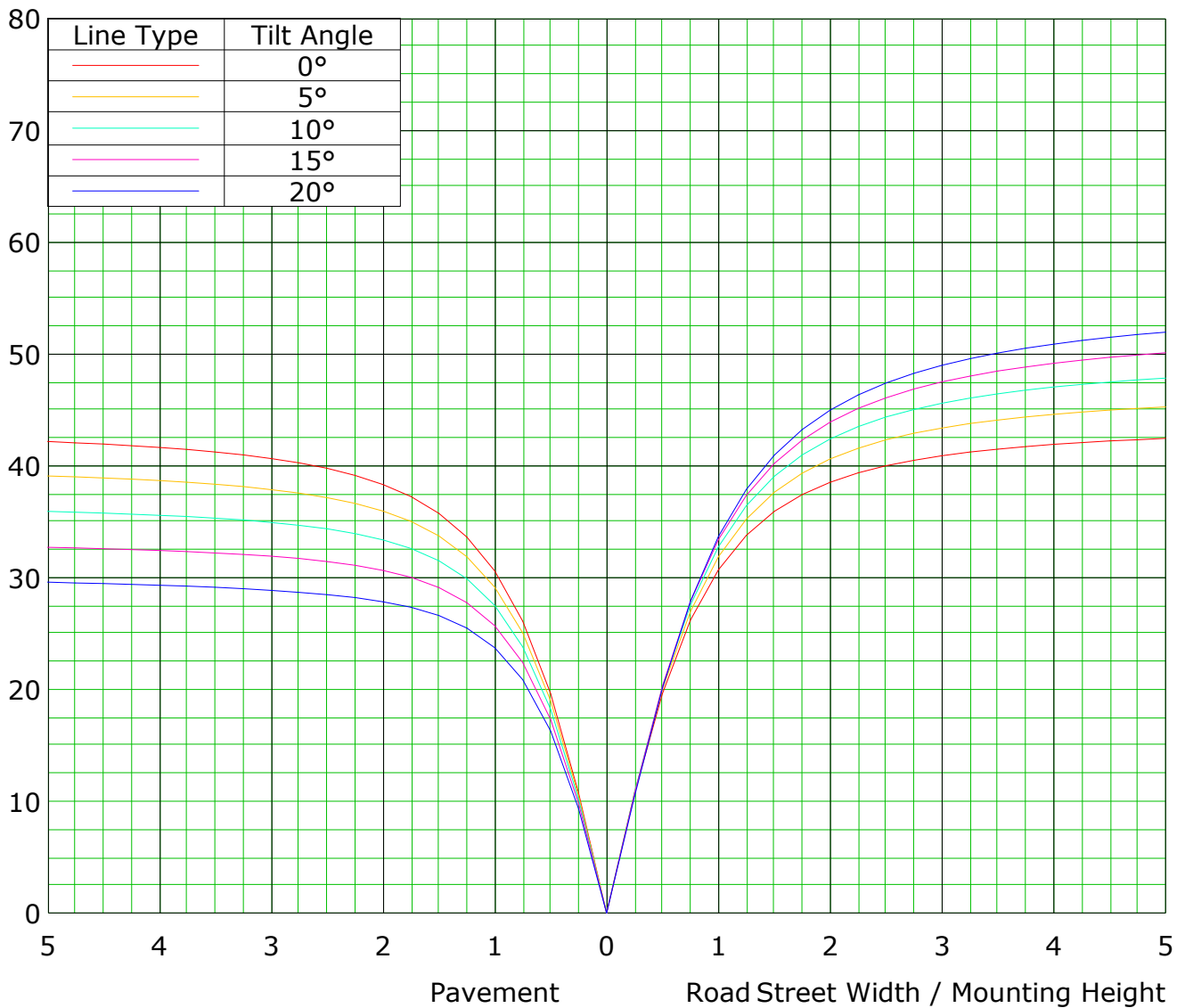
Mounting Height: 10.0m Max Lux(100%): 13.2 lx	
(1%): 0.1 lx	(2%): 0.3 lx
(3%): 0.4 lx	(4%): 0.5 lx
(5%): 0.7 lx	(6%): 0.8 lx
(7%): 0.9 lx	(8%): 1.1 lx
(9%): 1.2 lx	(10%): 1.3 lx

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.1 'C
Operator:

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

Roadway CU Curve

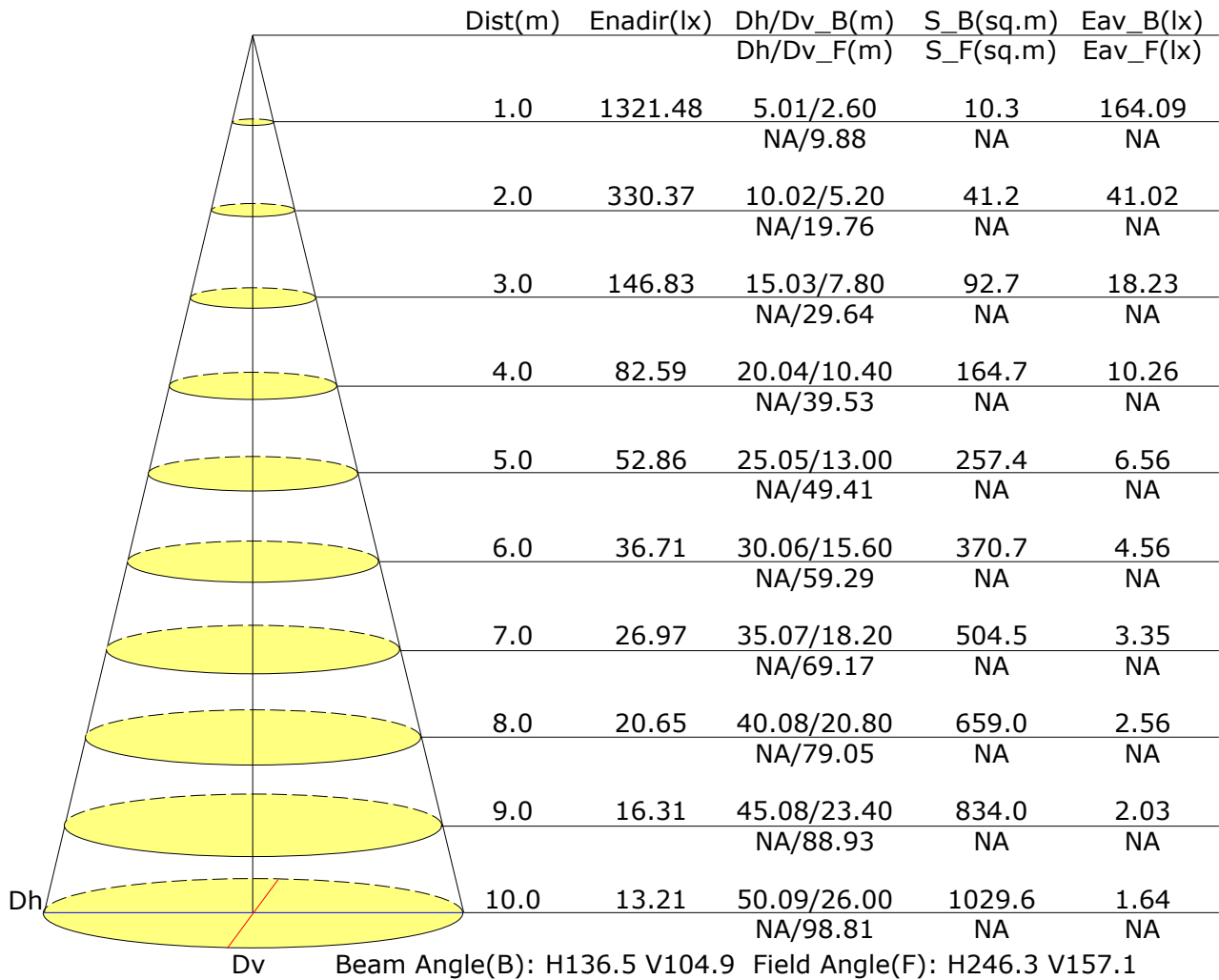
Efficiency(%)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.1 'C
Operator:

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

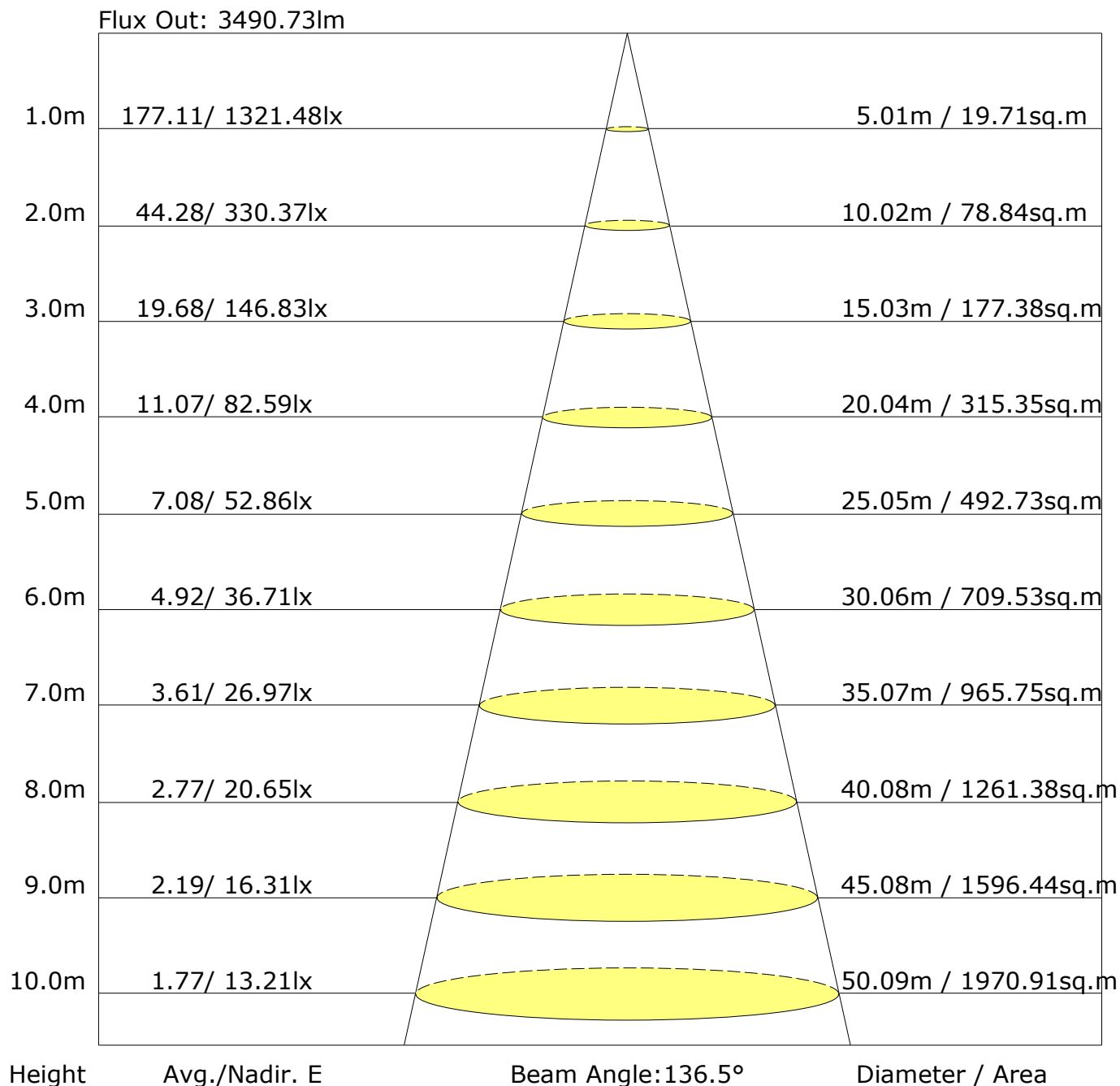
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 25.1 'C
Operator:

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

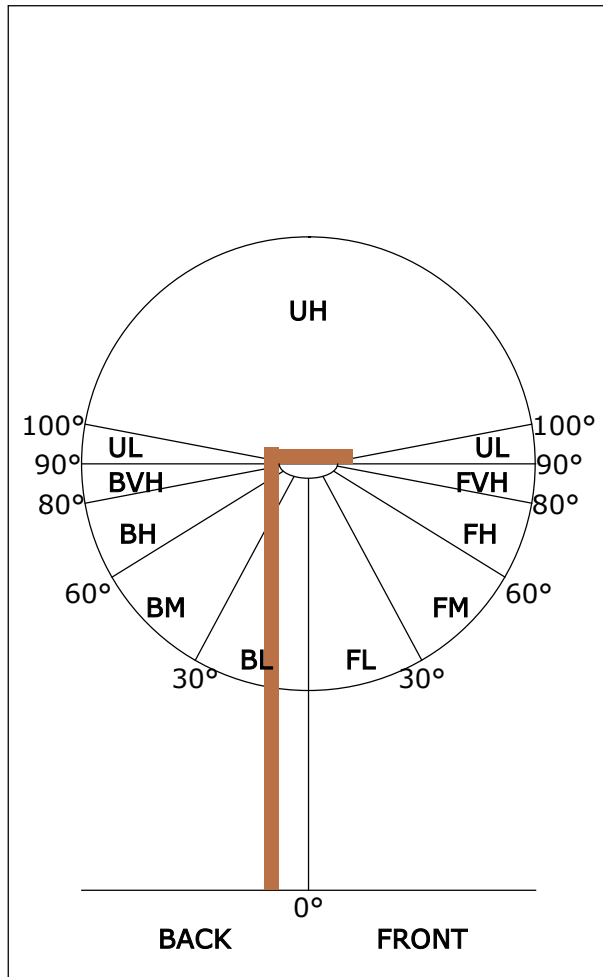
The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 'C
 Operator:

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

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	2152	44.2
FL (0°-30°)	514	10.6
FM (30°-60°)	1004	20.6
FH (60°-80°)	489	10.1
FVH (80°-90°)	145	3.0
BACK LIGHT	2136	43.9
BL (0°-30°)	512	10.5
BM (30°-60°)	996	20.5
BH (60°-80°)	484	9.9
BVH (80°-90°)	143	2.9
UP LIGHT	577	11.9
UL (90°-100°)	201	4.1
UH (100°-180°)	376	7.7
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B2 U3 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B2 U3 G1

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

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

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1321.4	1.3	1.3	0.03	0.03
1.0-2.0	1321.0	3.8	5.1	0.08	0.10
2.0-3.0	1320.0	6.3	11.4	0.13	0.23
3.0-4.0	1318.5	8.8	20.2	0.18	0.42
4.0-5.0	1316.6	11.3	31.5	0.23	0.65
5.0-6.0	1314.3	13.8	45.3	0.28	0.93
6.0-7.0	1311.4	16.3	61.6	0.33	1.27
7.0-8.0	1308.1	18.7	80.3	0.38	1.65
8.0-9.0	1304.3	21.1	101.5	0.43	2.09
9.0-10.0	1300.1	23.5	125.0	0.48	2.57
10.0-11.0	1295.4	25.9	150.9	0.53	3.10
11.0-12.0	1290.2	28.2	179.1	0.58	3.68
12.0-13.0	1284.5	30.5	209.6	0.63	4.31
13.0-14.0	1278.4	32.7	242.3	0.67	4.98
14.0-15.0	1272.0	34.9	277.2	0.72	5.70
15.0-16.0	1265.1	37.1	314.3	0.76	6.46
16.0-17.0	1257.6	39.2	353.5	0.81	7.27
17.0-18.0	1249.8	41.2	394.7	0.85	8.11
18.0-19.0	1241.5	43.2	437.9	0.89	9.00
19.0-20.0	1233.0	45.1	483.0	0.93	9.93
20.0-21.0	1223.9	47.0	530.0	0.97	10.90
21.0-22.0	1214.4	48.8	578.8	1.00	11.90
22.0-23.0	1204.5	50.5	629.4	1.04	12.94
23.0-24.0	1194.2	52.2	681.6	1.07	14.01
24.0-25.0	1183.5	53.8	735.4	1.11	15.12
25.0-26.0	1172.4	55.3	790.8	1.14	16.26
26.0-27.0	1160.9	56.8	847.6	1.17	17.42
27.0-28.0	1149.2	58.2	905.8	1.20	18.62
28.0-29.0	1137.1	59.5	965.3	1.22	19.84
29.0-30.0	1124.5	60.7	1026.0	1.25	21.09
30.0-31.0	1111.6	61.9	1087.9	1.27	22.36
31.0-32.0	1098.4	62.9	1150.8	1.29	23.66
32.0-33.0	1084.9	63.9	1214.7	1.31	24.97
33.0-34.0	1071.1	64.8	1279.6	1.33	26.30
34.0-35.0	1057.0	65.7	1345.2	1.35	27.65
35.0-36.0	1042.5	66.4	1411.6	1.36	29.02

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 Operator:

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

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	1027.9	67.1	1478.7	1.38	30.40
37.0-38.0	1013.1	67.6	1546.3	1.39	31.79
38.0-39.0	998.0	68.1	1614.4	1.40	33.19
39.0-40.0	982.5	68.5	1683.0	1.41	34.60
40.0-41.0	966.9	68.9	1751.8	1.42	36.01
41.0-42.0	951.5	69.1	1821.0	1.42	37.43
42.0-43.0	935.9	69.3	1890.3	1.43	38.86
43.0-44.0	919.9	69.4	1959.7	1.43	40.28
44.0-45.0	903.7	69.5	2029.2	1.43	41.71
45.0-46.0	887.4	69.4	2098.6	1.43	43.14
46.0-47.0	871.1	69.3	2167.9	1.42	44.56
47.0-48.0	854.6	69.1	2237.0	1.42	45.98
48.0-49.0	837.9	68.8	2305.8	1.41	47.40
49.0-50.0	821.3	68.5	2374.3	1.41	48.81
50.0-51.0	804.7	68.1	2442.4	1.40	50.21
51.0-52.0	788.0	67.6	2510.0	1.39	51.60
52.0-53.0	771.2	67.1	2577.1	1.38	52.98
53.0-54.0	754.2	66.5	2643.6	1.37	54.34
54.0-55.0	736.9	65.8	2709.4	1.35	55.69
55.0-56.0	719.8	65.1	2774.4	1.34	57.03
56.0-57.0	702.8	64.3	2838.7	1.32	58.35
57.0-58.0	685.5	63.4	2902.1	1.30	59.66
58.0-59.0	668.3	62.5	2964.6	1.28	60.94
59.0-60.0	651.2	61.5	3026.1	1.26	62.21
60.0-61.0	634.3	60.5	3086.6	1.24	63.45
61.0-62.0	617.3	59.5	3146.1	1.22	64.67
62.0-63.0	600.0	58.4	3204.5	1.20	65.87
63.0-64.0	583.0	57.2	3261.7	1.18	67.05
64.0-65.0	566.3	56.1	3317.8	1.15	68.20
65.0-66.0	549.6	54.8	3372.6	1.13	69.33
66.0-67.0	532.9	53.6	3426.2	1.10	70.43
67.0-68.0	516.2	52.3	3478.5	1.07	71.50
68.0-69.0	499.3	50.9	3529.4	1.05	72.55
69.0-70.0	482.9	49.6	3579.0	1.02	73.57
70.0-71.0	466.8	48.3	3627.3	0.99	74.56
71.0-72.0	450.8	46.9	3674.2	0.96	75.53

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

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

Zonal Lumen (Continue 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	435.1	45.5	3719.7	0.94	76.46
73.0-74.0	419.3	44.1	3763.8	0.91	77.37
74.0-75.0	403.9	42.7	3806.4	0.88	78.25
75.0-76.0	388.6	41.3	3847.7	0.85	79.09
76.0-77.0	374.0	39.9	3887.6	0.82	79.91
77.0-78.0	359.5	38.5	3926.1	0.79	80.70
78.0-79.0	345.3	37.1	3963.2	0.76	81.47
79.0-80.0	331.6	35.8	3998.9	0.73	82.20
80.0-81.0	317.8	34.4	4033.3	0.71	82.91
81.0-82.0	304.4	33.0	4066.3	0.68	83.59
82.0-83.0	291.7	31.7	4098.0	0.65	84.24
83.0-84.0	279.5	30.5	4128.5	0.63	84.87
84.0-85.0	267.7	29.2	4157.7	0.60	85.47
85.0-86.0	256.6	28.1	4185.8	0.58	86.04
86.0-87.0	246.0	26.9	4212.7	0.55	86.60
87.0-88.0	236.2	25.9	4238.6	0.53	87.13
88.0-89.0	227.3	24.9	4263.5	0.51	87.64
89.0-90.0	219.5	24.1	4287.6	0.49	88.14
90.0-91.0	212.4	23.3	4310.8	0.48	88.61
91.0-92.0	205.6	22.5	4333.4	0.46	89.08
92.0-93.0	199.0	21.8	4355.2	0.45	89.53
93.0-94.0	192.7	21.1	4376.3	0.43	89.96
94.0-95.0	186.6	20.4	4396.7	0.42	90.38
95.0-96.0	180.5	19.7	4416.4	0.41	90.78
96.0-97.0	174.6	19.0	4435.4	0.39	91.17
97.0-98.0	168.9	18.4	4453.8	0.38	91.55
98.0-99.0	163.3	17.7	4471.5	0.36	91.92
99.0-100.0	157.8	17.1	4488.5	0.35	92.27
100.0-101.0	152.6	16.5	4505.0	0.34	92.61
101.0-102.0	147.6	15.9	4520.9	0.33	92.93
102.0-103.0	142.9	15.3	4536.2	0.31	93.25
103.0-104.0	138.1	14.7	4550.9	0.30	93.55
104.0-105.0	133.6	14.2	4565.1	0.29	93.84
105.0-106.0	129.3	13.7	4578.7	0.28	94.12
106.0-107.0	125.0	13.1	4591.9	0.27	94.39
107.0-108.0	120.9	12.6	4604.5	0.26	94.65

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 '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	116.7	12.1	4616.7	0.25	94.90
109.0-110.0	112.4	11.6	4628.3	0.24	95.14
110.0-111.0	108.1	11.1	4639.4	0.23	95.37
111.0-112.0	104.1	10.6	4650.0	0.22	95.59
112.0-113.0	100.4	10.2	4660.2	0.21	95.80
113.0-114.0	97.0	9.8	4669.9	0.20	96.00
114.0-115.0	93.8	9.4	4679.3	0.19	96.19
115.0-116.0	90.4	8.9	4688.2	0.18	96.37
116.0-117.0	87.0	8.5	4696.8	0.18	96.55
117.0-118.0	83.8	8.2	4704.9	0.17	96.72
118.0-119.0	80.9	7.8	4712.7	0.16	96.88
119.0-120.0	78.4	7.5	4720.2	0.15	97.03
120.0-121.0	76.1	7.2	4727.4	0.15	97.18
121.0-122.0	73.9	6.9	4734.3	0.14	97.32
122.0-123.0	71.7	6.6	4740.9	0.14	97.46
123.0-124.0	69.7	6.4	4747.3	0.13	97.59
124.0-125.0	67.7	6.1	4753.4	0.13	97.71
125.0-126.0	65.8	5.9	4759.3	0.12	97.83
126.0-127.0	63.9	5.6	4764.9	0.12	97.95
127.0-128.0	62.1	5.4	4770.4	0.11	98.06
128.0-129.0	60.4	5.2	4775.5	0.11	98.17
129.0-130.0	58.7	5.0	4780.5	0.10	98.27
130.0-131.0	57.2	4.8	4785.3	0.10	98.37
131.0-132.0	55.6	4.6	4789.8	0.09	98.46
132.0-133.0	54.1	4.4	4794.2	0.09	98.55
133.0-134.0	52.7	4.2	4798.4	0.09	98.64
134.0-135.0	51.3	4.0	4802.4	0.08	98.72
135.0-136.0	49.8	3.8	4806.2	0.08	98.80
136.0-137.0	48.4	3.7	4809.9	0.08	98.87
137.0-138.0	47.1	3.5	4813.4	0.07	98.94
138.0-139.0	45.9	3.3	4816.7	0.07	99.01
139.0-140.0	44.6	3.2	4819.9	0.07	99.08
140.0-141.0	43.4	3.0	4822.9	0.06	99.14
141.0-142.0	42.2	2.9	4825.8	0.06	99.20
142.0-143.0	41.0	2.7	4828.5	0.06	99.26
143.0-144.0	39.9	2.6	4831.1	0.05	99.31

C Plane (°):0.0-360.0: 22.5
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 Operator:

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

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	38.8	2.5	4833.6	0.05	99.36
145.0-146.0	37.7	2.3	4836.0	0.05	99.41
146.0-147.0	36.6	2.2	4838.2	0.05	99.45
147.0-148.0	35.5	2.1	4840.3	0.04	99.50
148.0-149.0	34.3	2.0	4842.2	0.04	99.54
149.0-150.0	33.3	1.9	4844.1	0.04	99.58
150.0-151.0	32.4	1.7	4845.8	0.04	99.61
151.0-152.0	31.4	1.6	4847.5	0.03	99.65
152.0-153.0	30.4	1.5	4849.0	0.03	99.68
153.0-154.0	29.4	1.4	4850.5	0.03	99.71
154.0-155.0	28.5	1.3	4851.8	0.03	99.73
155.0-156.0	27.7	1.3	4853.1	0.03	99.76
156.0-157.0	27.0	1.2	4854.2	0.02	99.78
157.0-158.0	26.1	1.1	4855.3	0.02	99.81
158.0-159.0	25.3	1.0	4856.4	0.02	99.83
159.0-160.0	24.4	0.9	4857.3	0.02	99.85
160.0-161.0	23.6	0.9	4858.2	0.02	99.86
161.0-162.0	22.8	0.8	4858.9	0.02	99.88
162.0-163.0	22.1	0.7	4859.7	0.01	99.90
163.0-164.0	21.3	0.7	4860.3	0.01	99.91
164.0-165.0	20.5	0.6	4860.9	0.01	99.92
165.0-166.0	19.7	0.5	4861.5	0.01	99.93
166.0-167.0	19.1	0.5	4862.0	0.01	99.94
167.0-168.0	18.6	0.4	4862.4	0.01	99.95
168.0-169.0	18.1	0.4	4862.8	0.01	99.96
169.0-170.0	17.5	0.4	4863.2	0.01	99.97
170.0-171.0	17.1	0.3	4863.5	0.01	99.97
171.0-172.0	16.9	0.3	4863.7	0.01	99.98
172.0-173.0	16.6	0.2	4864.0	0.00	99.98
173.0-174.0	16.3	0.2	4864.2	0.00	99.99
174.0-175.0	16.0	0.2	4864.3	0.00	99.99
175.0-176.0	15.8	0.1	4864.5	0.00	100.00
176.0-177.0	15.6	0.1	4864.6	0.00	100.00
177.0-178.0	15.4	0.1	4864.7	0.00	100.00
178.0-179.0	15.4	0.0	4864.7	0.00	100.00
179.0-180.0	15.5	0.0	4864.7	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 '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°): 2029.19 lm

%lum = 41.7%

%lamp = 41.7%

cone flux(120°): 3026.11 lm

%lum = 62.2%

%lamp = 62.2%

Candlepower Table

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	1321.5	1321.5	1321.5	1321.5	1321.5	1321.5	1321.5	1321.5	1321.5	1321.5
G1.0	1321.0	1321.0	1321.7	1320.2	1320.9	1321.6	1322.6	1321.4	1322.1	1322.5
G2.0	1319.7	1320.1	1320.2	1319.3	1320.5	1321.1	1321.6	1321.1	1323.3	1322.4
G3.0	1318.3	1318.2	1318.4	1317.6	1319.3	1320.2	1320.9	1322.0	1322.7	1322.1
G4.0	1315.6	1316.1	1316.4	1316.1	1317.2	1318.5	1318.3	1321.1	1322.2	1321.2
G5.0	1313.4	1314.0	1314.3	1313.8	1314.4	1316.3	1317.8	1319.7	1321.6	1320.3
G6.0	1310.1	1311.3	1311.5	1310.0	1311.6	1313.4	1315.5	1318.8	1320.5	1319.2
G7.0	1307.3	1307.8	1307.7	1306.7	1308.1	1309.7	1312.8	1316.7	1318.6	1316.8
G8.0	1304.9	1304.4	1303.6	1302.0	1303.6	1306.5	1310.4	1314.3	1316.7	1314.7
G9.0	1301.1	1300.2	1299.5	1297.2	1299.0	1302.3	1306.3	1311.5	1314.2	1312.3
G10.0	1297.6	1296.0	1294.8	1292.3	1293.4	1296.6	1302.1	1307.9	1311.9	1310.3
G11.0	1293.1	1291.1	1289.6	1285.6	1287.4	1291.4	1298.0	1305.1	1309.1	1305.8
G12.0	1288.7	1286.0	1283.7	1279.5	1280.6	1285.6	1292.7	1301.6	1305.1	1301.9
G13.0	1282.4	1281.2	1277.7	1272.4	1273.9	1278.0	1286.9	1296.6	1301.9	1297.9
G14.0	1278.4	1275.3	1270.4	1265.1	1266.0	1270.8	1280.7	1291.7	1298.3	1293.5
G15.0	1271.9	1269.4	1263.9	1256.9	1258.4	1263.7	1274.4	1287.2	1294.2	1288.8
G16.0	1266.7	1262.2	1255.8	1248.7	1248.8	1254.7	1267.6	1281.7	1290.1	1283.1
G17.0	1260.3	1255.6	1248.4	1239.9	1240.6	1246.7	1259.8	1276.5	1285.7	1276.9
G18.0	1253.5	1248.9	1239.9	1229.8	1231.3	1237.4	1251.6	1269.8	1279.4	1271.2
G19.0	1246.2	1240.8	1231.2	1220.0	1219.6	1228.4	1244.4	1263.6	1274.2	1264.8
G20.0	1239.9	1232.7	1220.7	1210.2	1209.4	1219.2	1235.9	1257.0	1267.8	1258.3
G21.0	1231.6	1224.6	1211.2	1198.7	1198.4	1208.3	1227.0	1249.2	1260.9	1250.6
G22.0	1224.2	1216.0	1201.0	1187.7	1187.0	1197.3	1217.3	1241.7	1255.4	1243.3
G23.0	1216.5	1207.3	1190.9	1176.4	1175.3	1186.7	1206.7	1233.1	1247.8	1234.5
G24.0	1206.9	1197.9	1180.4	1163.2	1162.2	1174.4	1197.2	1224.2	1240.8	1227.0
G25.0	1198.6	1188.4	1168.5	1151.4	1147.5	1163.1	1187.0	1214.5	1233.3	1218.1
G26.0	1189.2	1178.8	1156.0	1137.4	1134.0	1150.3	1176.2	1205.6	1225.4	1209.5
G27.0	1180.6	1168.7	1143.5	1123.4	1119.8	1136.9	1165.4	1196.2	1216.7	1198.8
G28.0	1170.7	1157.5	1131.4	1109.4	1105.8	1123.2	1154.0	1187.8	1208.2	1189.1
G29.0	1161.2	1146.7	1118.3	1095.0	1091.3	1109.9	1140.8	1178.3	1199.0	1179.1
G30.0	1150.9	1135.6	1106.3	1080.1	1076.1	1096.4	1129.1	1166.5	1189.4	1168.4
G31.0	1140.1	1124.5	1092.4	1065.3	1059.9	1082.1	1116.8	1155.2	1180.1	1158.0
G32.0	1129.5	1110.5	1078.4	1049.6	1044.2	1067.3	1104.0	1145.6	1170.9	1147.2
G33.0	1117.1	1099.5	1064.7	1034.1	1027.8	1052.1	1090.8	1134.1	1159.4	1134.6
G34.0	1106.2	1088.2	1050.0	1018.0	1010.8	1036.9	1077.1	1122.5	1149.1	1123.4
G35.0	1095.4	1074.7	1035.3	1002.4	994.6	1019.1	1062.9	1111.0	1137.9	1111.1
G36.0	1084.2	1061.7	1020.9	985.4	977.2	1003.1	1049.4	1098.5	1126.7	1098.9

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 '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

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	1070.5	1049.3	1005.9	969.0	959.6	987.3	1035.2	1086.2	1115.9	1085.1
G38.0	1058.8	1036.7	990.5	952.7	941.6	970.3	1020.8	1073.4	1102.8	1072.7
G39.0	1046.8	1023.1	974.6	935.4	922.3	952.6	1006.3	1060.7	1091.8	1059.8
G40.0	1034.1	1009.3	958.8	918.2	903.1	934.7	991.9	1047.4	1079.9	1046.5
G41.0	1021.9	995.5	943.2	901.0	883.9	917.3	977.0	1034.3	1067.4	1032.6
G42.0	1008.1	982.7	927.9	884.8	866.7	899.0	960.6	1021.2	1055.3	1018.9
G43.0	995.1	968.9	909.7	868.2	848.9	882.2	945.3	1008.8	1041.2	1003.6
G44.0	981.8	954.6	893.3	851.6	829.4	864.8	929.3	994.2	1028.9	990.1
G45.0	968.2	940.6	876.3	833.7	809.8	845.2	912.6	980.0	1016.2	975.7
G46.0	954.6	925.7	859.7	816.0	790.5	826.5	897.0	964.8	1002.7	961.7
G47.0	941.5	911.9	843.9	799.3	772.2	806.5	879.8	951.9	988.7	945.8
G48.0	928.2	895.9	827.5	780.2	752.2	788.5	864.6	936.6	975.2	930.6
G49.0	914.6	880.9	809.6	763.1	733.1	769.6	848.0	921.6	961.3	916.1
G50.0	899.8	866.9	794.6	744.9	713.6	750.2	830.2	907.0	947.8	901.1
G51.0	886.4	852.8	777.4	728.2	694.0	732.0	812.7	893.0	934.2	884.1
G52.0	873.6	837.6	759.1	710.5	674.7	713.9	794.0	878.4	918.4	869.9
G53.0	859.4	822.8	743.2	693.0	655.5	693.8	776.9	865.3	905.5	854.8
G54.0	845.5	806.5	727.0	672.4	633.7	675.1	760.4	847.4	890.6	840.3
G55.0	829.5	791.5	710.6	654.1	613.7	656.5	743.6	832.1	878.1	824.7
G56.0	815.9	776.2	694.3	635.5	593.3	638.8	726.3	816.4	862.1	808.5
G57.0	801.8	761.5	676.7	616.5	573.4	619.5	709.3	801.5	847.7	792.6
G58.0	787.6	745.5	660.6	595.1	552.8	601.1	692.1	784.5	833.3	777.6
G59.0	772.3	729.9	645.2	576.0	530.5	582.9	675.6	770.2	818.5	762.4
G60.0	758.1	715.2	629.0	556.2	509.9	564.7	659.0	754.4	803.9	747.3
G61.0	744.6	700.7	613.3	537.1	489.3	545.9	642.4	739.7	789.2	731.1
G62.0	729.8	686.2	596.2	518.2	469.2	526.0	626.3	724.7	773.7	716.3
G63.0	716.1	669.2	580.6	496.9	449.3	506.9	607.8	707.1	758.8	702.0
G64.0	701.4	655.1	565.3	478.4	427.1	487.7	591.7	692.2	744.3	686.4
G65.0	688.2	640.8	550.5	459.8	407.3	468.8	576.3	677.7	729.8	669.9
G66.0	673.8	625.4	534.2	441.4	387.4	448.2	560.8	662.5	713.9	655.3
G67.0	660.7	611.1	518.7	422.5	367.3	428.6	543.2	647.3	699.3	640.1
G68.0	646.4	597.3	502.9	402.1	346.5	409.8	528.5	629.7	685.1	626.6
G69.0	631.6	581.7	488.6	384.7	324.6	392.1	511.4	615.3	669.3	610.1
G70.0	618.9	568.0	474.1	365.0	304.8	373.0	496.4	599.5	655.3	596.3
G71.0	604.4	553.1	458.9	347.3	283.1	355.7	480.4	585.4	640.9	582.0
G72.0	591.7	539.8	445.7	330.6	263.8	339.0	466.3	570.4	626.4	567.8
G73.0	578.4	525.0	431.8	313.4	243.3	321.8	449.7	555.6	612.2	552.9

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 '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

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	565.3	512.0	416.8	297.0	223.1	304.7	436.3	541.0	597.0	539.1
G75.0	551.5	497.8	402.5	280.5	204.3	287.3	421.3	526.2	583.7	525.9
G76.0	538.0	483.2	387.5	265.9	184.4	270.7	406.5	513.6	569.6	511.9
G77.0	525.0	471.4	374.1	250.1	166.3	254.8	392.8	500.4	556.1	499.0
G78.0	513.2	458.2	359.1	235.9	146.9	239.6	378.5	486.6	542.6	483.8
G79.0	500.5	446.2	346.6	221.6	129.0	226.2	365.8	475.1	528.1	470.7
G80.0	488.1	433.3	332.6	206.1	112.8	210.4	353.2	463.0	515.2	457.9
G81.0	475.2	421.5	320.5	192.5	95.5	195.9	339.8	449.4	502.6	443.5
G82.0	463.2	408.7	307.8	177.1	79.4	182.8	326.3	437.8	488.5	430.4
G83.0	451.9	397.2	296.0	164.4	64.8	169.8	314.2	426.8	477.5	418.4
G84.0	440.4	386.2	283.9	152.5	51.1	157.4	303.6	416.2	464.0	406.0
G85.0	429.8	375.5	273.2	139.9	38.8	145.4	292.5	405.8	451.6	394.0
G86.0	418.7	365.8	262.7	128.2	28.2	135.4	283.0	393.7	439.5	382.7
G87.0	407.1	355.2	252.9	117.4	19.4	125.4	274.2	382.7	426.9	370.6
G88.0	395.6	345.4	243.3	108.4	11.7	117.8	265.6	371.7	415.5	359.9
G89.0	386.2	336.3	234.7	100.0	6.6	111.0	257.6	360.8	404.3	350.0
G90.0	375.7	327.9	226.8	92.7	5.0	105.6	248.4	350.4	393.2	339.0
G91.0	364.7	319.4	220.2	88.8	4.6	100.5	240.0	340.6	381.2	329.1
G92.0	354.8	309.4	211.8	84.7	5.0	96.1	232.2	330.5	370.7	319.9
G93.0	344.1	300.0	204.3	81.3	4.9	91.3	222.9	319.8	360.3	311.0
G94.0	335.1	290.5	197.0	77.6	4.9	86.9	216.0	309.6	350.3	301.6
G95.0	325.6	282.3	190.3	73.4	4.0	82.3	208.5	301.1	340.5	293.4
G96.0	316.1	274.1	183.4	69.0	5.0	78.6	201.1	291.9	329.8	285.7
G97.0	307.6	266.0	177.1	65.5	4.7	73.8	193.9	283.6	320.0	277.9
G98.0	298.7	257.9	171.0	61.3	4.9	70.2	187.8	274.7	311.1	269.7
G99.0	289.5	249.3	165.4	58.1	4.4	66.4	181.4	266.2	301.5	262.5
G100.0	280.9	240.9	159.0	55.5	5.3	63.1	174.9	258.6	292.7	255.2
G101.0	272.4	233.6	153.4	52.1	4.9	60.2	168.8	250.8	283.9	248.2
G102.0	265.0	226.8	149.2	50.0	5.0	57.5	163.4	243.4	275.5	240.9
G103.0	256.9	219.6	143.3	47.8	4.8	54.7	158.1	236.2	266.9	232.9
G104.0	249.5	213.4	138.3	45.7	5.3	52.3	152.3	229.1	258.3	226.4
G105.0	241.3	206.6	133.3	44.0	4.7	49.6	147.1	222.0	251.1	219.2
G106.0	234.3	200.3	128.2	42.0	5.1	47.8	141.8	215.1	243.6	212.1
G107.0	227.4	194.3	123.7	40.5	4.7	45.6	137.2	208.7	235.3	205.7
G108.0	220.4	188.7	119.6	38.4	5.8	43.2	132.9	202.6	228.3	199.4
G109.0	213.1	182.5	114.8	36.2	5.8	40.2	127.8	195.9	221.2	192.8
G110.0	206.7	177.1	109.4	34.5	6.0	39.2	122.0	189.9	214.4	185.8

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 '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

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	200.0	171.6	102.3	32.7	5.9	37.7	114.1	183.4	207.5	180.7
G112.0	193.6	166.3	96.8	31.8	6.0	36.5	108.3	177.7	201.1	174.9
G113.0	187.0	160.7	92.3	31.3	5.7	35.6	102.9	171.9	194.8	169.3
G114.0	181.8	156.2	88.2	30.2	6.7	35.2	98.7	166.5	188.4	163.2
G115.0	176.3	149.9	85.9	29.4	6.4	34.5	95.2	160.4	182.2	156.2
G116.0	169.8	143.1	83.4	29.1	5.9	33.5	92.2	152.2	176.1	148.6
G117.0	163.0	136.1	80.7	28.7	6.4	33.0	89.0	145.6	168.1	142.7
G118.0	155.8	131.4	78.0	27.8	6.9	32.6	86.3	140.3	160.5	137.3
G119.0	149.3	126.2	75.6	27.5	6.7	31.9	83.6	134.8	154.9	132.3
G120.0	144.0	121.9	73.4	27.5	7.0	31.7	81.1	130.4	149.7	128.3
G121.0	139.5	118.1	71.0	27.0	7.4	31.1	79.0	127.1	145.0	124.3
G122.0	135.0	114.1	69.0	26.2	7.3	30.9	76.6	123.1	139.9	120.2
G123.0	130.4	110.8	66.9	25.4	7.8	30.1	74.5	119.0	135.7	116.5
G124.0	126.1	107.1	65.2	25.5	7.6	29.8	72.2	115.5	131.2	112.3
G125.0	121.8	103.5	63.1	24.7	7.9	29.3	70.7	112.0	127.1	109.1
G126.0	117.7	100.3	61.4	24.5	8.2	29.4	68.7	108.5	123.1	105.3
G127.0	113.7	97.2	59.5	24.2	7.3	28.6	66.6	105.0	118.5	102.5
G128.0	110.2	94.4	58.0	23.9	8.4	28.4	65.0	101.5	114.9	99.0
G129.0	106.2	90.9	56.5	23.7	8.7	28.2	63.2	98.6	110.8	95.7
G130.0	102.7	87.8	54.7	23.3	8.8	28.1	61.8	95.1	107.2	92.9
G131.0	98.7	85.5	53.6	22.8	8.6	27.5	60.2	92.0	104.0	89.9
G132.0	95.5	82.2	52.0	22.8	8.3	27.0	59.3	89.5	100.6	86.9
G133.0	92.4	79.8	50.8	22.6	8.6	27.0	57.9	86.1	97.2	84.2
G134.0	89.2	77.3	50.0	22.3	9.3	26.1	56.2	83.8	94.2	82.0
G135.0	85.8	74.8	48.0	22.3	8.6	26.0	55.4	81.4	90.9	79.5
G136.0	83.0	72.1	46.3	21.7	9.1	25.4	53.5	78.9	87.8	77.2
G137.0	80.2	70.2	45.6	21.3	8.6	25.0	52.5	76.4	84.9	74.9
G138.0	77.4	67.9	43.6	21.1	8.9	25.1	51.5	74.2	82.7	72.9
G139.0	74.9	65.9	42.9	21.3	9.2	24.2	50.2	71.9	80.1	70.4
G140.0	72.5	63.6	41.9	20.3	8.8	24.2	48.8	69.8	77.3	68.4
G141.0	69.9	61.5	40.5	20.1	9.5	23.7	47.3	67.7	74.9	66.4
G142.0	67.3	59.8	39.8	19.3	9.4	23.8	46.6	65.5	72.3	64.3
G143.0	64.2	57.7	38.7	18.9	9.5	23.1	45.3	63.8	69.9	62.1
G144.0	62.4	55.9	37.7	18.8	9.4	23.0	43.8	61.7	68.3	60.4
G145.0	60.3	54.2	36.4	17.9	9.9	22.4	43.0	60.1	65.7	58.9
G146.0	58.3	52.1	35.5	17.9	9.7	22.2	42.0	58.1	63.4	56.7
G147.0	56.1	50.1	33.8	17.4	9.8	22.3	40.4	55.8	61.2	54.7

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 '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

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	54.0	48.5	32.5	17.2	10.1	21.8	39.5	54.0	59.6	53.1
G149.0	51.4	46.4	30.7	16.5	9.5	21.5	38.4	52.6	57.3	51.2
G150.0	49.7	45.2	29.8	17.3	10.0	21.5	37.4	50.7	55.5	49.8
G151.0	47.4	43.4	28.3	16.5	10.0	21.3	36.1	49.3	53.6	47.9
G152.0	46.1	42.1	27.5	15.9	10.1	20.9	35.6	47.5	51.4	45.9
G153.0	43.9	39.8	26.0	15.9	10.1	20.9	34.7	45.3	49.5	44.4
G154.0	42.0	38.3	25.2	15.3	10.2	20.6	33.0	43.6	47.5	43.0
G155.0	40.0	37.3	24.7	15.5	10.1	20.4	32.1	42.4	45.7	41.2
G156.0	39.0	35.3	23.9	15.1	10.7	20.3	31.5	40.5	43.7	40.0
G157.0	37.5	33.9	23.1	15.8	11.2	20.1	30.3	39.2	42.0	38.4
G158.0	35.6	32.2	22.3	15.2	11.5	19.9	29.2	37.7	40.6	37.6
G159.0	33.9	31.2	22.0	14.9	11.7	19.7	28.3	36.4	38.6	35.9
G160.0	32.1	28.8	21.1	14.3	12.1	19.2	26.9	35.0	37.3	34.3
G161.0	30.8	27.6	19.7	14.2	11.8	19.9	26.3	33.9	35.8	32.9
G162.0	29.3	26.2	18.9	13.5	11.8	19.6	25.5	32.3	34.1	31.5
G163.0	28.0	24.8	18.4	13.5	12.5	19.0	24.5	30.7	33.2	29.8
G164.0	26.8	22.8	17.3	13.3	13.1	18.3	24.0	29.1	30.8	29.0
G165.0	25.2	21.2	16.7	13.3	13.1	18.2	23.2	27.4	29.5	27.1
G166.0	24.4	20.2	15.7	13.1	12.7	18.3	22.8	26.5	27.4	26.2
G167.0	22.8	18.6	14.7	13.2	13.8	18.1	21.8	25.3	26.4	24.9
G168.0	21.5	17.2	14.4	13.2	13.7	17.7	21.1	24.3	25.4	24.3
G169.0	20.8	16.0	14.1	13.3	13.6	17.6	20.1	23.3	24.1	23.3
G170.0	19.9	15.1	14.0	13.2	14.0	17.6	19.1	22.4	23.1	22.3
G171.0	18.9	14.6	14.1	13.4	14.8	17.4	18.5	21.8	22.7	21.7
G172.0	18.0	13.4	13.3	13.3	15.0	17.3	18.0	21.1	22.0	21.2
G173.0	17.3	12.4	13.5	13.4	15.2	17.2	18.2	20.5	20.4	20.4
G174.0	17.1	11.1	13.2	14.1	15.9	16.4	18.0	19.6	20.8	18.2
G175.0	16.2	12.4	13.4	14.9	16.3	15.8	17.4	18.3	19.9	16.9
G176.0	15.5	12.1	12.9	15.4	16.7	15.0	17.0	16.1	19.7	16.1
G177.0	14.2	12.1	14.3	15.7	16.5	15.2	15.6	15.5	18.8	15.8
G178.0	11.9	14.1	15.2	16.7	16.7	15.7	14.9	14.1	14.7	14.3
G179.0	10.1	16.0	16.4	16.6	17.3	16.8	16.0	14.0	12.0	14.4
G180.0	5.8	16.5	16.4	17.5	17.1	17.2	17.2	15.5	5.7	16.2

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 '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

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	1321.5	1321.5	1321.5	1321.5	1321.5	1321.5	1321.5			
G1.0	1322.2	1321.1	1320.9	1320.6	1320.5	1321.3	1321.0			
G2.0	1321.9	1319.9	1320.2	1319.4	1319.8	1319.4	1319.7			
G3.0	1321.2	1319.4	1317.7	1317.2	1317.5	1317.5	1318.3			
G4.0	1320.1	1317.0	1315.7	1315.3	1315.0	1315.9	1315.6			
G5.0	1317.6	1315.0	1312.9	1311.8	1313.0	1312.6	1313.4			
G6.0	1315.6	1312.0	1309.3	1309.3	1310.2	1309.9	1310.1			
G7.0	1313.5	1308.9	1306.0	1305.0	1306.0	1305.9	1307.3			
G8.0	1309.6	1305.7	1301.2	1300.2	1301.0	1302.5	1304.9			
G9.0	1305.9	1300.6	1295.9	1295.0	1297.1	1298.7	1301.1			
G10.0	1302.0	1296.1	1290.5	1288.9	1292.1	1294.1	1297.6			
G11.0	1297.4	1290.2	1282.7	1283.0	1286.6	1289.4	1293.1			
G12.0	1292.0	1284.9	1276.4	1276.9	1280.7	1284.5	1288.7			
G13.0	1286.5	1277.5	1270.0	1269.5	1273.3	1278.6	1282.4			
G14.0	1280.8	1270.6	1262.1	1261.3	1266.5	1272.9	1278.4			
G15.0	1274.4	1263.1	1252.5	1253.6	1259.6	1267.1	1271.9			
G16.0	1267.5	1254.7	1244.1	1244.0	1252.1	1260.7	1266.7			
G17.0	1258.7	1246.3	1233.9	1235.4	1244.1	1252.7	1260.3			
G18.0	1251.4	1237.2	1224.2	1225.1	1234.7	1246.5	1253.5			
G19.0	1242.8	1226.9	1214.4	1216.4	1225.6	1238.1	1246.2			
G20.0	1235.2	1216.2	1203.0	1204.8	1216.6	1230.8	1239.9			
G21.0	1226.2	1206.1	1191.5	1193.8	1207.4	1222.2	1231.6			
G22.0	1215.5	1194.5	1179.2	1182.8	1196.4	1213.8	1224.2			
G23.0	1206.4	1183.2	1165.3	1171.0	1185.6	1204.6	1216.5			
G24.0	1195.8	1171.5	1153.2	1158.9	1174.9	1195.4	1206.9			
G25.0	1185.3	1158.5	1140.4	1146.8	1162.7	1185.6	1198.6			
G26.0	1173.7	1145.2	1126.2	1132.1	1151.5	1176.1	1189.2			
G27.0	1162.2	1131.7	1112.9	1119.4	1139.8	1165.9	1180.6			
G28.0	1150.9	1118.1	1096.9	1105.6	1128.5	1155.0	1170.7			
G29.0	1139.2	1102.2	1082.2	1091.8	1115.2	1144.2	1161.2			
G30.0	1126.2	1087.3	1067.2	1077.9	1100.9	1131.5	1150.9			
G31.0	1113.8	1072.4	1050.7	1061.3	1088.1	1119.8	1140.1			
G32.0	1099.7	1057.6	1035.6	1046.5	1074.5	1108.6	1129.5			
G33.0	1086.3	1041.9	1017.0	1031.6	1060.6	1096.7	1117.1			
G34.0	1072.4	1025.7	1000.8	1016.0	1046.9	1084.0	1106.2			
G35.0	1058.4	1007.8	983.7	999.8	1031.2	1070.7	1095.4			
G36.0	1044.3	991.1	966.3	983.3	1016.3	1058.0	1084.2			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 '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

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	1028.5	974.3	949.3	965.4	1001.7	1045.9	1070.5			
G38.0	1013.1	957.7	930.2	948.7	987.4	1032.4	1058.8			
G39.0	998.6	939.4	912.5	930.9	971.2	1019.2	1046.8			
G40.0	982.3	922.8	893.7	913.7	954.8	1004.1	1034.1			
G41.0	966.4	905.8	876.2	894.9	938.6	990.7	1021.9			
G42.0	950.7	888.5	859.3	877.5	922.5	976.9	1008.1			
G43.0	933.2	873.7	838.8	860.1	906.6	962.8	995.1			
G44.0	916.7	856.3	820.3	842.2	888.5	948.1	981.8			
G45.0	899.7	838.7	801.4	821.9	873.3	934.2	968.2			
G46.0	882.9	822.2	782.5	803.8	857.6	919.5	954.6			
G47.0	865.0	805.1	763.6	785.3	841.6	905.1	941.5			
G48.0	848.5	787.5	742.5	767.2	824.9	890.5	928.2			
G49.0	832.0	768.9	723.3	749.0	806.7	875.5	914.6			
G50.0	814.8	750.9	704.2	729.3	790.6	862.3	899.8			
G51.0	797.7	733.3	684.6	711.3	774.3	847.8	886.4			
G52.0	778.9	714.5	663.6	693.0	758.5	833.2	873.6			
G53.0	762.1	695.6	644.2	674.2	741.6	818.8	859.4			
G54.0	745.5	674.9	624.1	655.7	724.7	802.7	845.5			
G55.0	728.7	655.5	604.5	635.0	708.3	787.9	829.5			
G56.0	710.6	636.7	582.6	617.0	692.7	773.7	815.9			
G57.0	694.1	616.7	562.8	597.8	677.0	759.1	801.8			
G58.0	677.9	595.1	542.5	579.4	658.9	744.7	787.6			
G59.0	661.8	575.7	522.6	560.9	642.9	728.7	772.3			
G60.0	646.1	555.5	501.7	542.2	626.7	714.1	758.1			
G61.0	629.2	535.5	481.7	522.5	611.4	700.0	744.6			
G62.0	614.3	514.6	460.0	504.3	594.1	684.7	729.8			
G63.0	598.8	494.5	439.8	485.1	578.9	670.3	716.1			
G64.0	583.1	475.1	419.4	466.8	563.3	656.1	701.4			
G65.0	565.9	456.3	397.1	448.9	548.2	642.1	688.2			
G66.0	550.3	438.0	376.4	430.8	532.7	627.7	673.8			
G67.0	534.9	419.6	356.0	412.9	517.9	613.8	660.7			
G68.0	519.3	399.8	336.1	393.5	501.1	598.8	646.4			
G69.0	501.8	382.6	313.9	375.5	486.5	585.0	631.6			
G70.0	486.4	365.6	293.9	358.1	472.1	571.3	618.9			
G71.0	470.5	347.3	273.8	340.7	456.5	557.9	604.4			
G72.0	454.6	330.9	253.9	323.0	442.1	542.8	591.7			
G73.0	439.0	314.3	233.9	304.4	428.2	529.5	578.4			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 '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

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	422.9	298.5	212.8	287.9	414.6	516.0	565.3			
G75.0	409.0	281.0	193.9	272.7	399.6	501.4	551.5			
G76.0	394.6	265.1	175.2	257.3	386.2	488.1	538.0			
G77.0	381.2	250.0	157.0	242.7	373.5	475.2	525.0			
G78.0	367.2	234.7	137.2	227.1	360.9	462.3	513.2			
G79.0	355.0	219.8	119.9	213.0	348.3	449.4	500.5			
G80.0	343.1	204.4	103.6	199.7	335.4	435.8	488.1			
G81.0	330.3	190.8	86.2	185.4	323.8	423.3	475.2			
G82.0	319.0	177.4	71.2	172.3	311.6	411.2	463.2			
G83.0	307.8	164.3	57.0	159.8	300.0	399.0	451.9			
G84.0	296.3	151.0	43.9	148.0	287.5	386.6	440.4			
G85.0	284.7	139.9	32.7	136.5	276.4	374.7	429.8			
G86.0	273.5	129.9	22.8	125.2	265.6	364.2	418.7			
G87.0	262.2	120.8	14.3	115.9	255.6	353.9	407.1			
G88.0	252.9	111.3	8.3	107.4	246.2	343.0	395.6			
G89.0	244.4	104.8	3.5	100.3	236.8	333.5	386.2			
G90.0	236.6	99.9	3.4	94.8	229.3	325.6	375.7			
G91.0	228.0	94.9	3.4	90.3	221.4	315.5	364.7			
G92.0	221.1	91.3	2.8	86.9	213.4	306.4	354.8			
G93.0	214.2	87.1	3.1	83.0	207.3	297.6	344.1			
G94.0	208.0	83.2	3.5	78.5	201.5	289.1	335.1			
G95.0	201.4	79.1	3.2	74.5	195.6	281.4	325.6			
G96.0	194.9	74.7	3.3	70.0	188.3	273.9	316.1			
G97.0	188.3	70.3	3.5	66.5	182.4	265.9	307.6			
G98.0	182.0	66.6	3.4	62.5	175.8	258.9	298.7			
G99.0	175.8	63.1	3.4	59.8	169.1	251.9	289.5			
G100.0	169.5	60.0	3.5	56.8	162.9	244.3	280.9			
G101.0	163.9	56.2	3.6	53.4	157.6	237.3	272.4			
G102.0	158.2	53.9	2.7	50.9	151.4	230.8	265.0			
G103.0	151.8	51.4	3.4	48.3	146.4	224.2	256.9			
G104.0	145.9	49.3	3.9	46.3	140.6	217.3	249.5			
G105.0	141.5	47.2	4.0	44.1	136.1	210.3	241.3			
G106.0	135.6	45.3	4.4	42.7	131.8	203.9	234.3			
G107.0	130.6	43.0	3.9	40.8	126.7	197.4	227.4			
G108.0	126.5	40.7	4.5	38.6	122.9	190.4	220.4			
G109.0	121.2	38.7	3.8	36.5	117.9	184.8	213.1			
G110.0	113.0	37.2	4.4	34.6	111.7	179.0	206.7			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 '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

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	106.9	35.8	4.5	33.5	105.3	172.9	200.0			
G112.0	102.1	35.1	5.0	32.4	100.6	167.6	193.6			
G113.0	97.0	34.0	4.7	31.6	95.1	162.1	187.0			
G114.0	93.2	33.2	5.1	31.4	91.6	156.8	181.8			
G115.0	90.3	33.0	5.7	30.6	87.9	150.7	176.3			
G116.0	88.1	32.8	5.3	30.1	85.6	142.6	169.8			
G117.0	85.3	31.8	6.1	29.4	82.8	136.7	163.0			
G118.0	83.0	31.3	5.1	28.9	79.9	132.0	155.8			
G119.0	80.3	30.9	5.9	28.6	77.5	127.0	149.3			
G120.0	78.3	30.3	6.1	28.3	75.0	122.6	144.0			
G121.0	75.9	30.1	6.2	28.0	72.4	118.6	139.5			
G122.0	73.1	29.4	6.5	27.5	70.2	115.1	135.0			
G123.0	71.5	29.0	6.8	26.5	68.6	111.5	130.4			
G124.0	69.6	28.4	6.3	26.6	66.6	108.6	126.1			
G125.0	67.9	28.1	7.3	26.1	64.8	105.2	121.8			
G126.0	66.2	27.7	7.3	25.7	62.8	101.8	117.7			
G127.0	64.3	27.5	7.6	25.0	61.2	98.7	113.7			
G128.0	62.5	27.1	7.3	24.9	59.8	95.6	110.2			
G129.0	60.9	26.8	8.0	24.4	58.1	92.2	106.2			
G130.0	59.7	26.4	7.8	24.5	56.3	89.4	102.7			
G131.0	58.7	26.9	8.4	23.8	55.4	86.5	98.7			
G132.0	57.0	26.1	8.5	23.8	53.6	83.8	95.5			
G133.0	55.7	25.4	8.5	23.7	52.3	80.9	92.4			
G134.0	54.5	25.7	9.0	22.8	51.3	78.1	89.2			
G135.0	53.0	25.1	9.3	22.9	49.7	75.8	85.8			
G136.0	51.9	25.3	8.9	22.7	48.4	72.9	83.0			
G137.0	50.7	24.6	8.9	21.8	47.2	71.0	80.2			
G138.0	49.9	24.5	8.9	21.3	45.9	69.1	77.4			
G139.0	48.3	23.9	9.1	21.2	44.6	66.5	74.9			
G140.0	46.8	24.0	9.2	20.9	43.1	64.2	72.5			
G141.0	45.0	23.7	9.2	20.2	42.4	62.0	69.9			
G142.0	44.1	23.2	9.5	19.8	41.2	60.5	67.3			
G143.0	42.8	23.2	9.5	19.4	39.8	58.4	64.2			
G144.0	42.2	22.9	9.8	18.6	39.2	56.3	62.4			
G145.0	40.8	22.3	9.6	18.3	38.3	54.2	60.3			
G146.0	39.6	21.8	10.0	18.1	36.6	52.7	58.3			
G147.0	38.9	21.8	10.0	18.0	35.1	50.4	56.1			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 '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

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	37.9	21.3	9.6	17.1	33.5	48.9	54.0			
G149.0	37.0	21.8	9.7	16.8	32.4	47.0	51.4			
G150.0	35.8	21.1	10.0	16.9	30.7	45.2	49.7			
G151.0	34.8	20.4	10.3	16.9	29.4	43.6	47.4			
G152.0	34.5	20.9	10.7	15.9	28.3	41.7	46.1			
G153.0	32.8	20.4	10.8	15.5	27.1	40.5	43.9			
G154.0	32.2	20.3	10.4	15.7	26.1	38.8	42.0			
G155.0	31.1	20.2	10.9	15.6	25.1	37.3	40.0			
G156.0	30.2	20.0	11.4	15.4	24.7	36.0	39.0			
G157.0	29.2	20.1	11.4	15.1	23.9	34.0	37.5			
G158.0	28.2	19.6	11.2	14.5	23.0	32.3	35.6			
G159.0	27.6	19.9	12.1	14.1	22.0	30.9	33.9			
G160.0	26.1	19.6	12.0	13.8	21.4	28.9	32.1			
G161.0	25.9	19.5	11.8	13.8	20.1	27.6	30.8			
G162.0	24.5	19.1	12.5	14.1	19.5	26.7	29.3			
G163.0	24.0	19.0	12.7	14.0	19.0	24.8	28.0			
G164.0	23.3	18.1	12.6	13.7	18.3	23.5	26.8			
G165.0	22.6	17.5	13.1	13.7	17.8	21.1	25.2			
G166.0	22.3	17.7	13.2	13.7	16.3	20.0	24.4			
G167.0	22.1	17.7	13.8	13.6	15.9	18.9	22.8			
G168.0	20.4	17.8	14.3	14.2	16.2	17.7	21.5			
G169.0	19.3	17.8	14.6	14.1	15.5	16.6	20.8			
G170.0	18.4	17.6	15.4	13.9	14.9	15.5	19.9			
G171.0	18.1	17.3	15.0	14.6	14.6	14.4	18.9			
G172.0	17.6	17.6	15.8	14.4	15.0	14.3	18.0			
G173.0	18.0	17.1	16.5	14.4	15.2	13.0	17.3			
G174.0	17.6	16.5	16.4	15.2	15.2	13.0	17.1			
G175.0	16.8	16.1	16.8	15.2	15.1	13.7	16.2			
G176.0	16.7	15.5	16.6	16.1	15.1	13.7	15.5			
G177.0	15.8	15.9	16.9	16.8	15.7	13.5	14.2			
G178.0	15.0	16.0	16.9	16.6	16.4	14.6	11.9			
G179.0	15.5	17.3	17.3	17.4	17.2	15.7	10.1			
G180.0	17.0	17.3	17.2	17.2	16.8	15.7	5.8			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 25.1 'C
 Operator:

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