

Report No.:

Test Time: 2023/3/2 20:17

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm):

Current: 0.249 A

Power Factor: 0.990

Luminaire Description:

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 120.0 V

Power: 29.60 W

Photometric Results

IES Classification: Type III

Total Rated Lamp Lumens: 3719.8 lm

Efficiency: 100%

Upward Ratio: 3%

C0r0 Intensity: 1186.53 cd

Pos of Max. Intensity: H90 V22

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 128.5, 74.8, 77.6, 78.2

Longitudinal Classification: Very Short

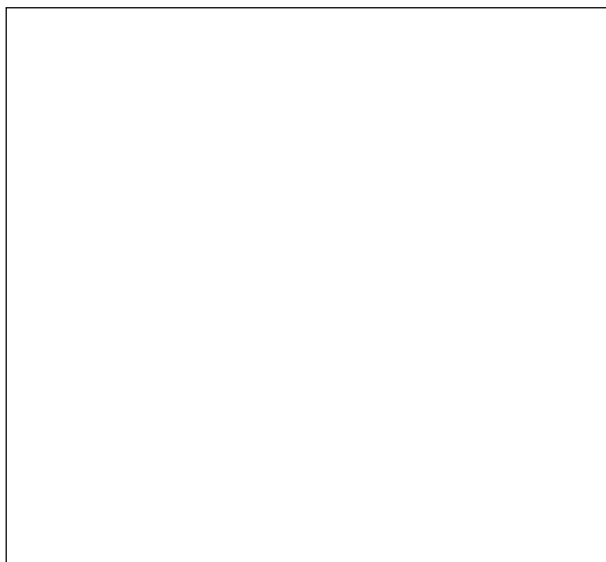
Measurement Flux: 3719.8 lm

Downward Ratio: 97%

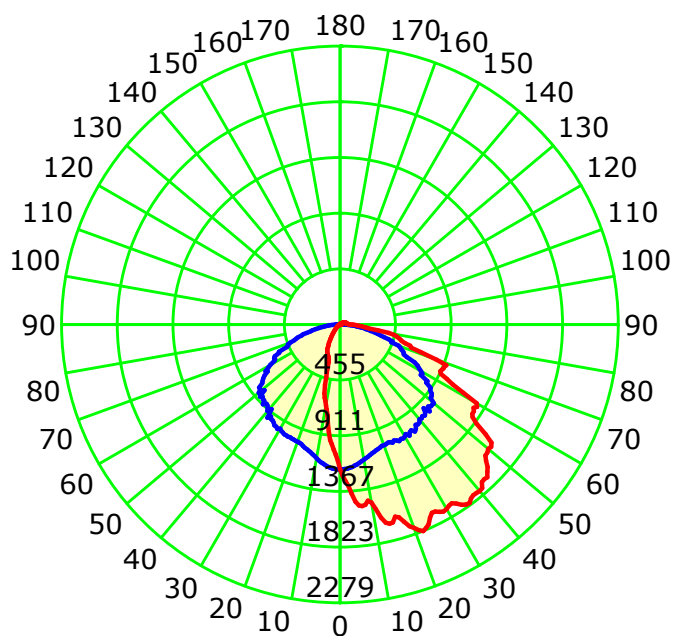
Luminaire Efficacy Rating (LER): 125.72

Max. Intensity: 1823.63 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 101.7°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 24.7 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

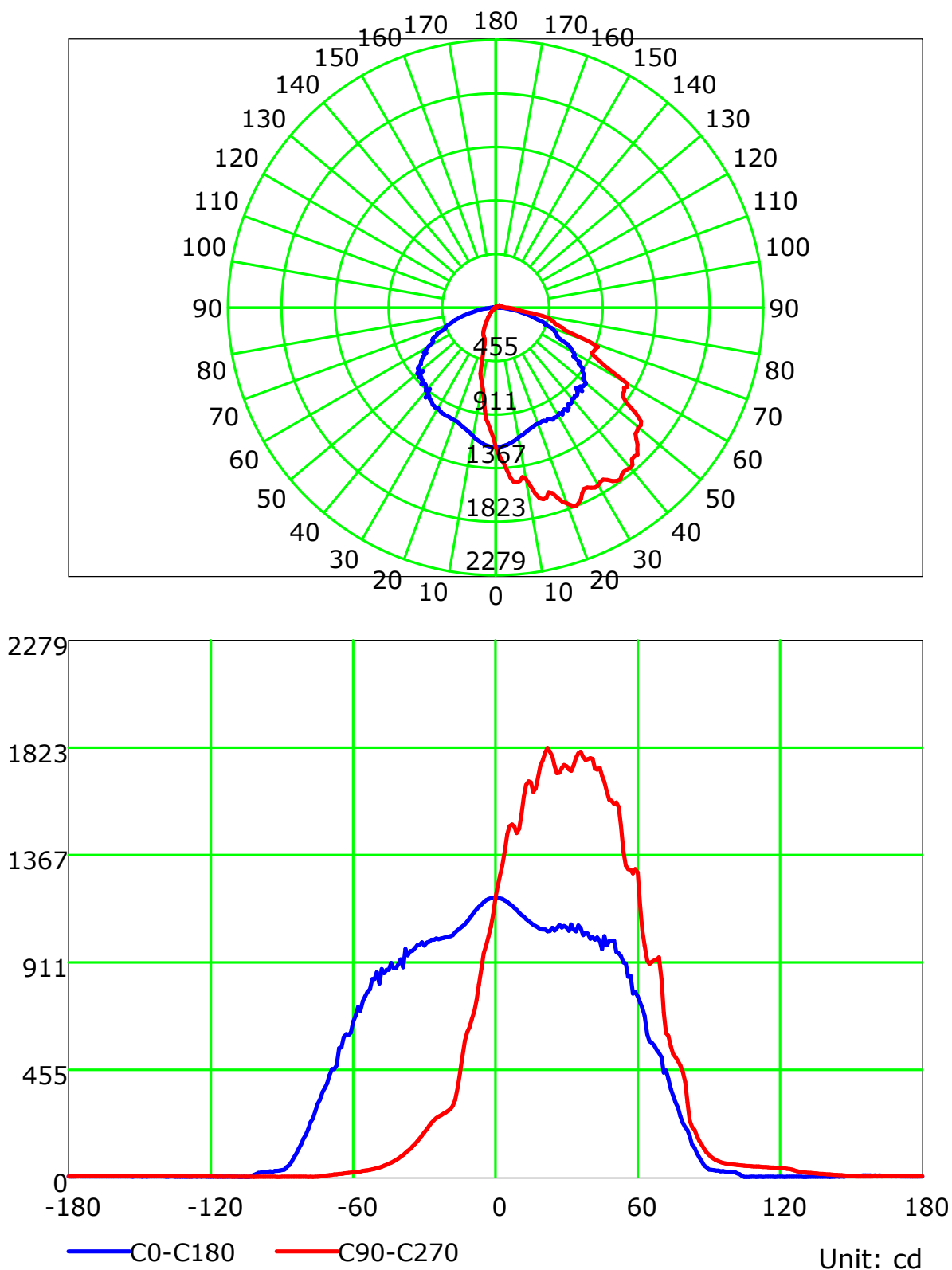
Test Device: GPM-3000

Distance: 14.140 m [K=1.0000]

Humidity:

Inspector:

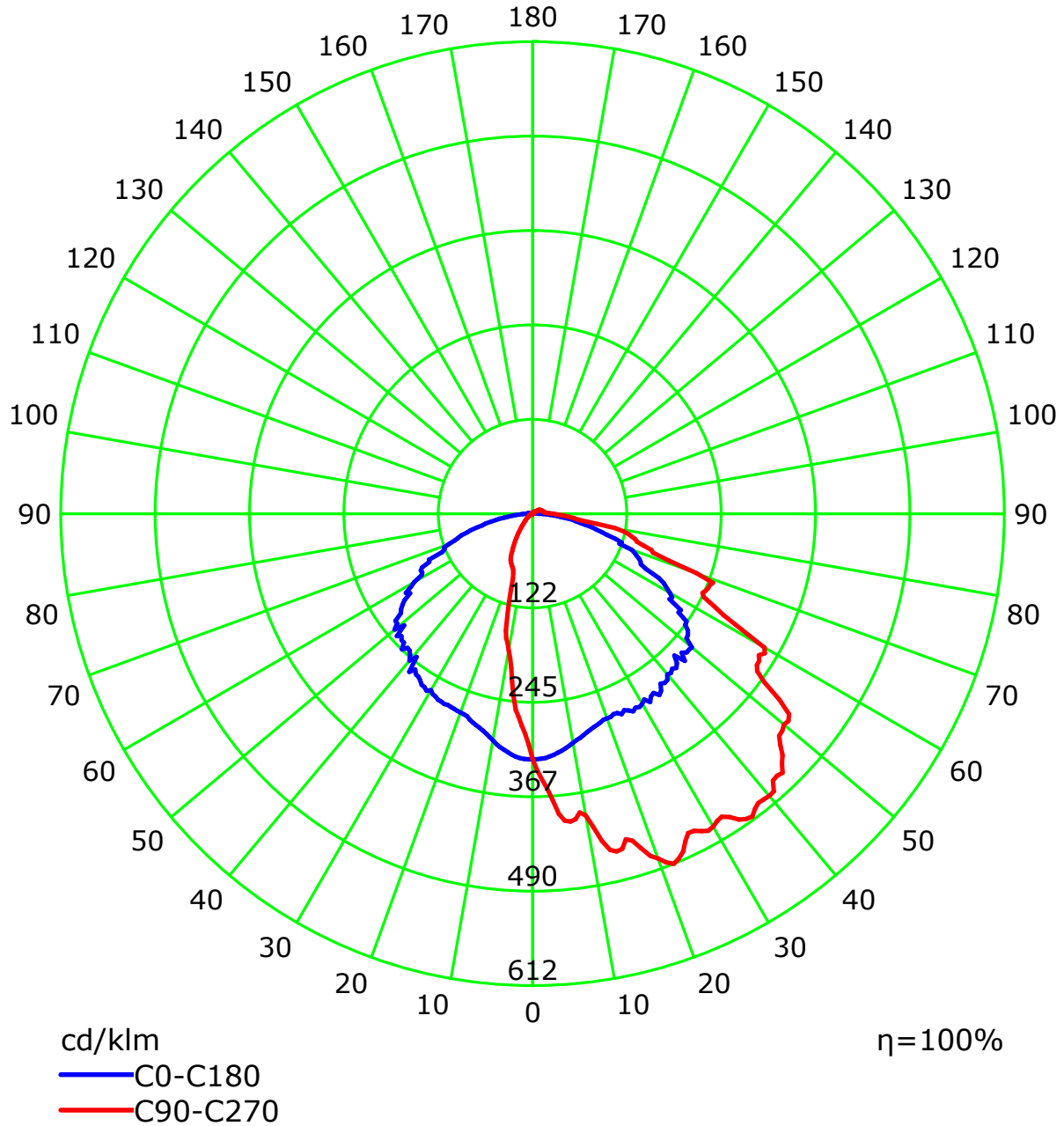
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

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

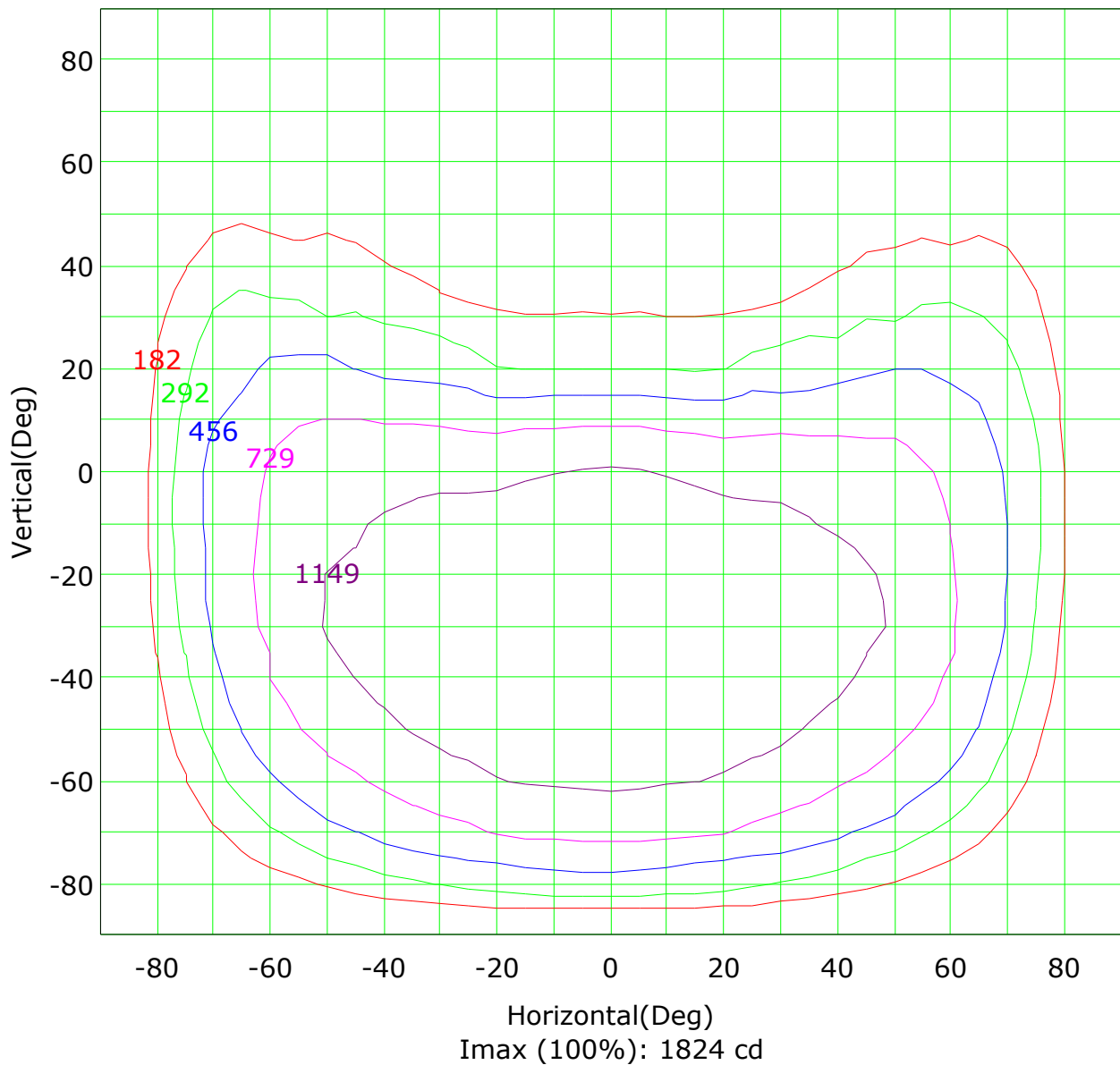
Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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)

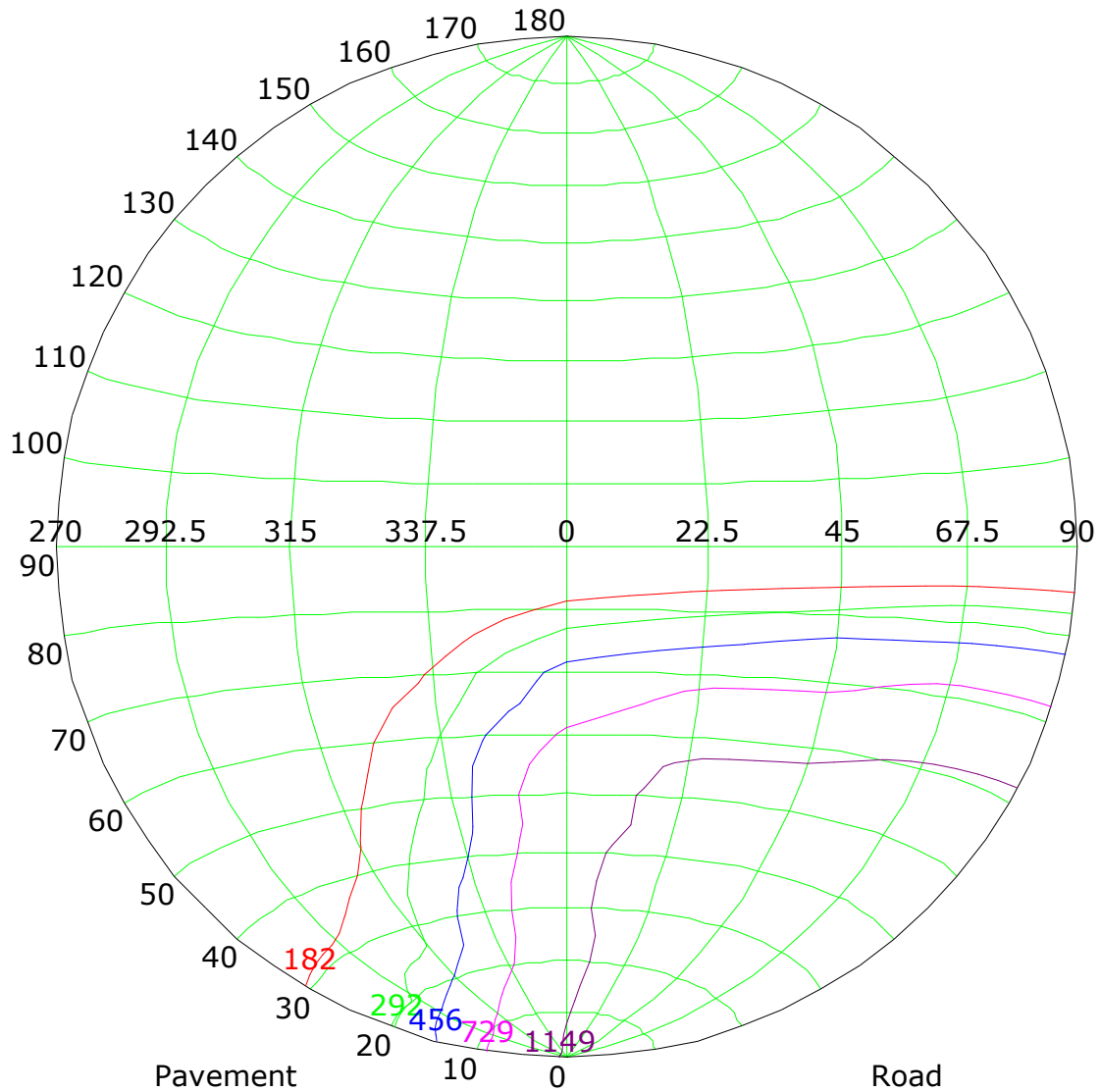


(10%): 182 cd	(16%): 292 cd
(25%): 456 cd	(40%): 729 cd
(63%): 1149 cd	(100%): 1824 cd

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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%): 1824 cd

(10%): 182 cd
(25%): 456 cd
(63%): 1149 cd

(16%): 292 cd
(40%): 729 cd
(100%): 1824 cd

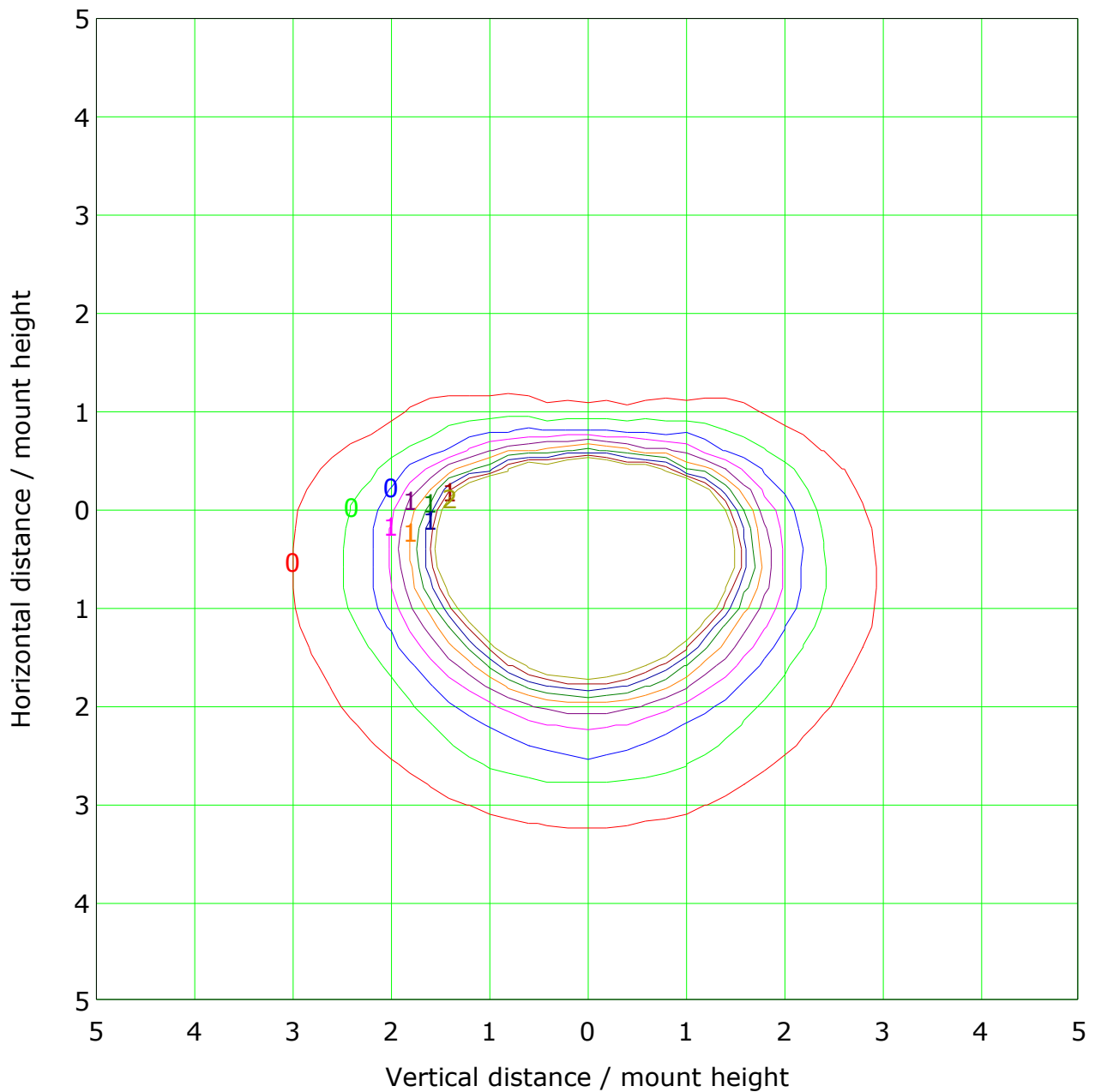
CIE: average - short
CIE: Non-cut-off luminaire
Max.At90: 25.700 cd/klm

IES: Semi-cut-off
Max.At80: 109.003 cd/klm
Max.80-90: 109.003 cd/klm

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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

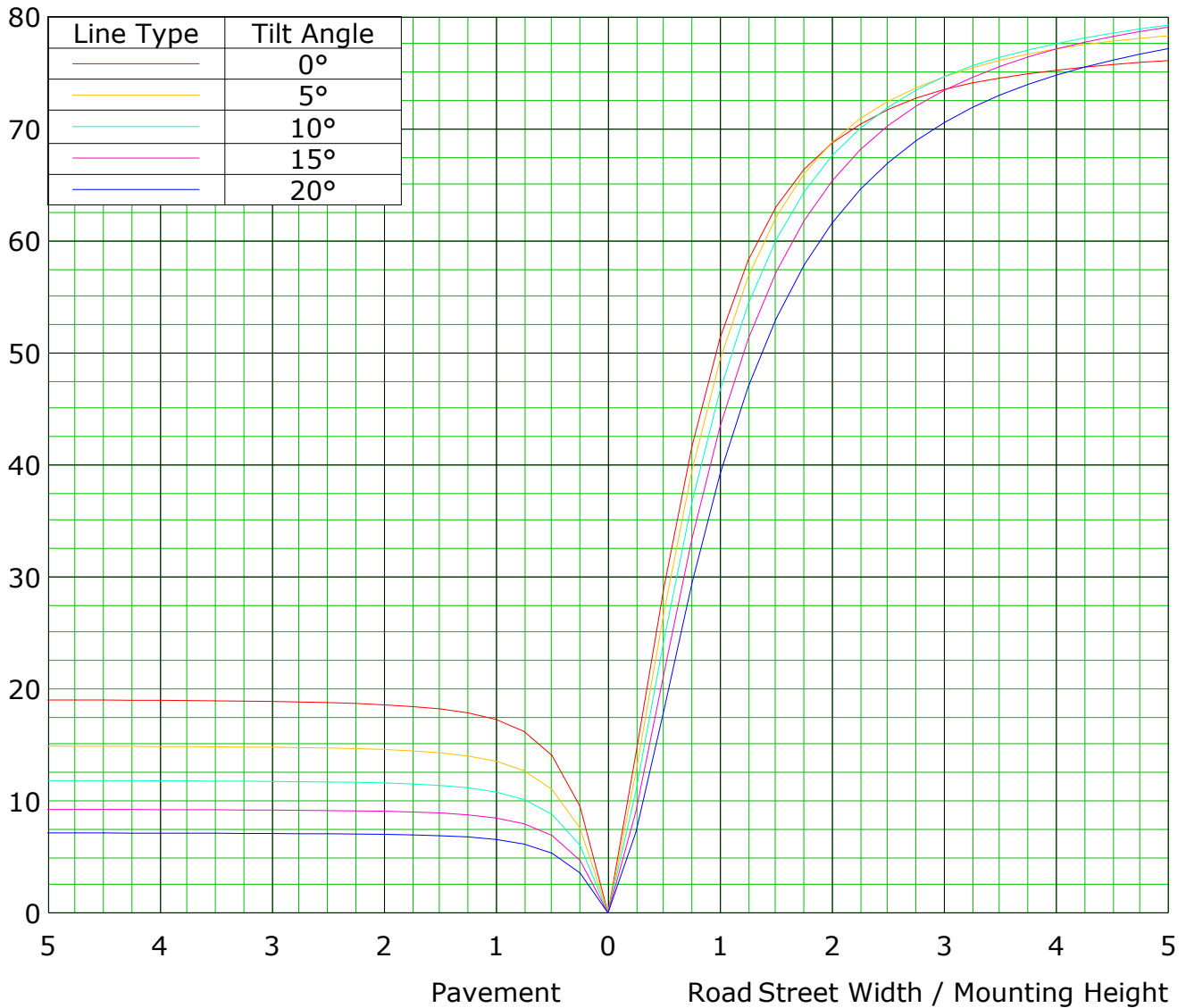


C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

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

Roadway CU Curve

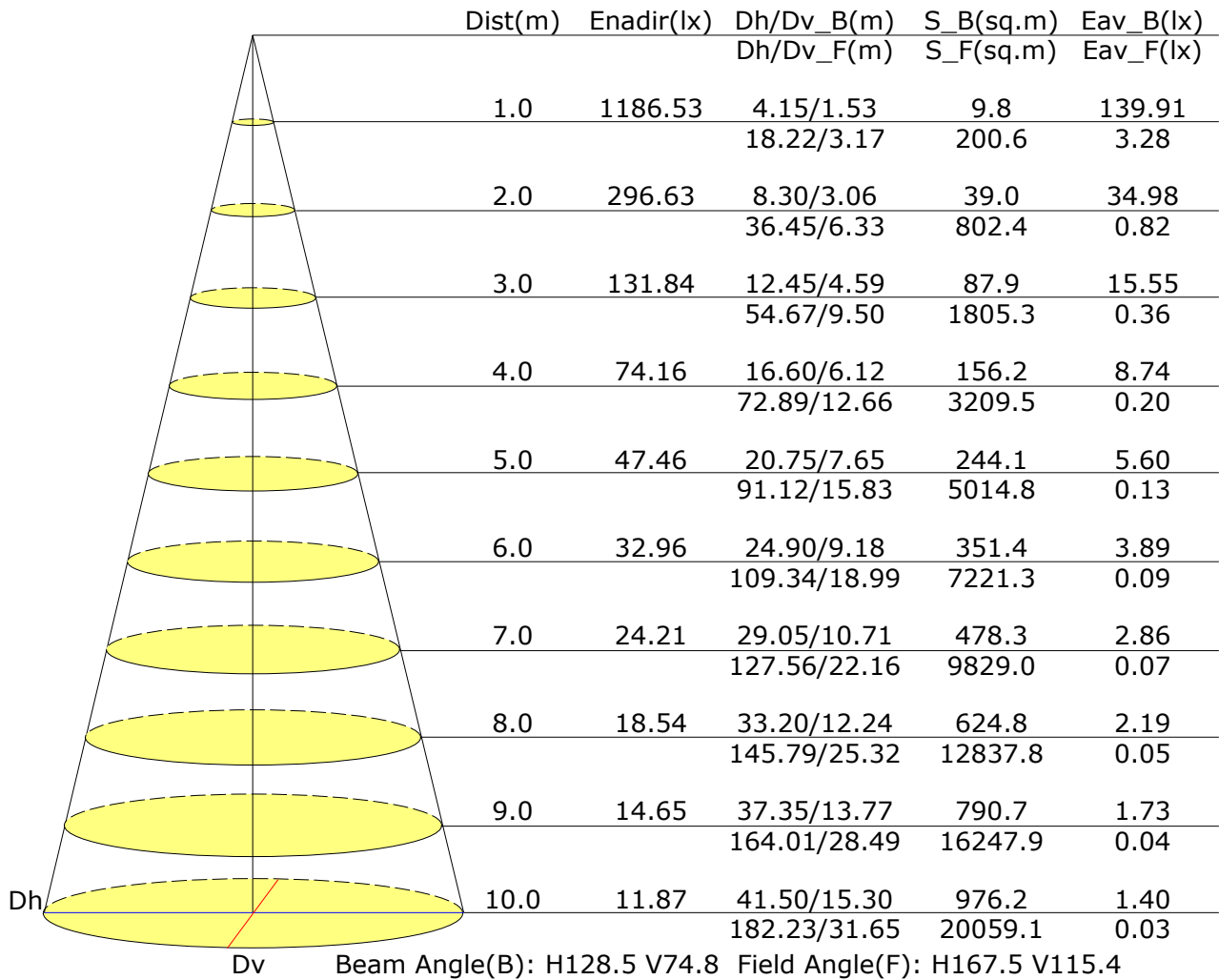
Efficiency(%)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

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

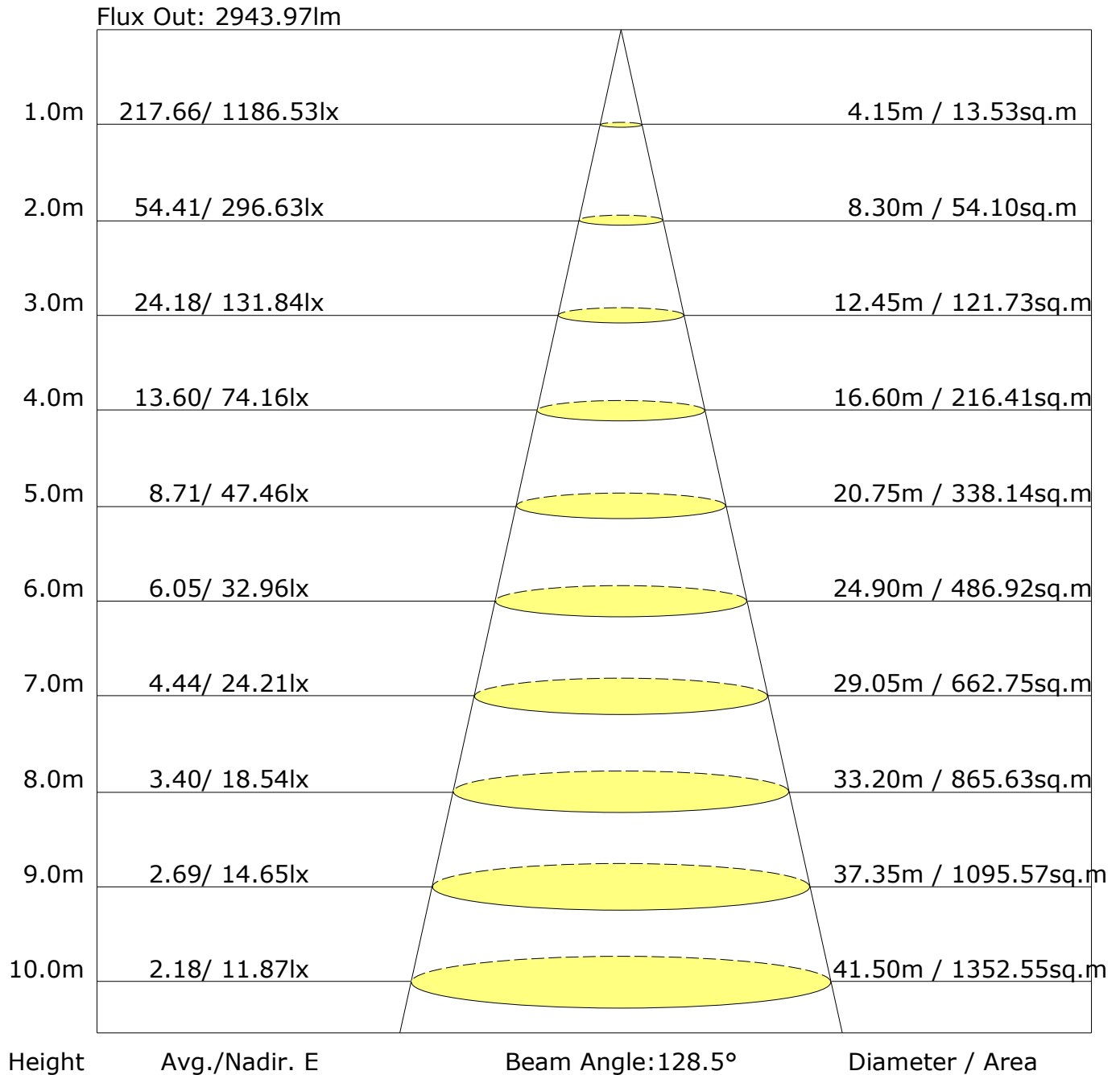
Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 'C
Operator:

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

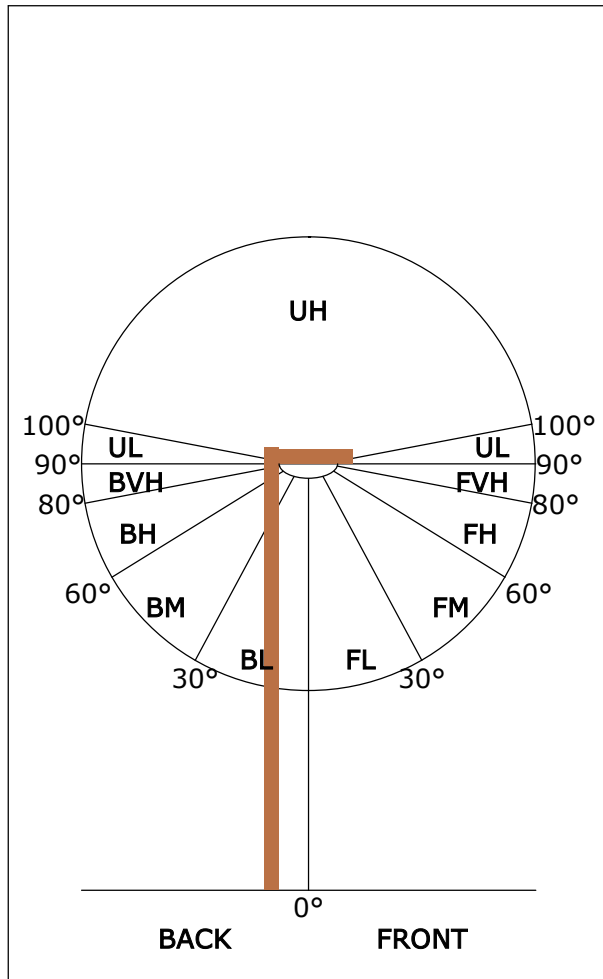
The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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	2911	78.3
FL (0°-30°)	604	16.2
FM (30°-60°)	1545	41.5
FH (60°-80°)	676	18.2
FVH (80°-90°)	86	2.3
BACK LIGHT	697	18.7
BL (0°-30°)	242	6.5
BM (30°-60°)	317	8.5
BH (60°-80°)	121	3.3
BVH (80°-90°)	17	0.5
UP LIGHT	112	3.0
UL (90°-100°)	32	0.9
UH (100°-180°)	79	2.1
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U2 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U2 G1

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature: 24.7 '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	1182.3	1.1	1.1	0.03	0.03
1.0-2.0	1174.3	3.4	4.5	0.09	0.12
2.0-3.0	1169.6	5.6	10.1	0.15	0.27
3.0-4.0	1168.2	7.8	17.9	0.21	0.48
4.0-5.0	1169.6	10.1	28.0	0.27	0.75
5.0-6.0	1170.3	12.3	40.3	0.33	1.08
6.0-7.0	1163.1	14.4	54.7	0.39	1.47
7.0-8.0	1147.7	16.4	71.1	0.44	1.91
8.0-9.0	1126.6	18.3	89.4	0.49	2.40
9.0-10.0	1105.2	20.0	109.4	0.54	2.94
10.0-11.0	1090.3	21.8	131.2	0.59	3.53
11.0-12.0	1082.5	23.7	154.9	0.64	4.16
12.0-13.0	1078.1	25.6	180.5	0.69	4.85
13.0-14.0	1071.0	27.4	207.9	0.74	5.59
14.0-15.0	1057.4	29.0	236.9	0.78	6.37
15.0-16.0	1039.5	30.5	267.4	0.82	7.19
16.0-17.0	1021.7	31.8	299.2	0.86	8.04
17.0-18.0	1006.5	33.2	332.4	0.89	8.94
18.0-19.0	995.6	34.6	367.0	0.93	9.87
19.0-20.0	988.6	36.2	403.2	0.97	10.84
20.0-21.0	981.8	37.7	440.9	1.01	11.85
21.0-22.0	973.1	39.1	480.0	1.05	12.90
22.0-23.0	965.9	40.5	520.6	1.09	13.99
23.0-24.0	961.9	42.1	562.6	1.13	15.13
24.0-25.0	957.7	43.6	606.2	1.17	16.30
25.0-26.0	952.4	45.0	651.1	1.21	17.50
26.0-27.0	949.6	46.5	697.6	1.25	18.75
27.0-28.0	948.2	48.0	745.6	1.29	20.04
28.0-29.0	946.3	49.5	795.1	1.33	21.38
29.0-30.0	943.4	50.9	846.1	1.37	22.75
30.0-31.0	937.6	52.2	898.3	1.40	24.15
31.0-32.0	931.1	53.4	951.6	1.43	25.58
32.0-33.0	924.8	54.5	1006.1	1.46	27.05
33.0-34.0	917.4	55.5	1061.6	1.49	28.54
34.0-35.0	911.9	56.6	1118.3	1.52	30.06
35.0-36.0	908.3	57.8	1176.1	1.55	31.62

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	904.8	59.0	1235.1	1.59	33.20
37.0-38.0	902.7	60.3	1295.4	1.62	34.82
38.0-39.0	895.8	61.2	1356.5	1.64	36.47
39.0-40.0	886.0	61.8	1418.3	1.66	38.13
40.0-41.0	875.9	62.4	1480.7	1.68	39.81
41.0-42.0	868.3	63.1	1543.8	1.70	41.50
42.0-43.0	864.5	64.0	1607.9	1.72	43.22
43.0-44.0	857.7	64.7	1672.6	1.74	44.97
44.0-45.0	848.4	65.2	1737.8	1.75	46.72
45.0-46.0	838.2	65.6	1803.4	1.76	48.48
46.0-47.0	825.1	65.6	1869.0	1.76	50.25
47.0-48.0	816.2	66.0	1935.0	1.77	52.02
48.0-49.0	807.5	66.3	2001.3	1.78	53.80
49.0-50.0	797.9	66.5	2067.9	1.79	55.59
50.0-51.0	792.0	67.0	2134.9	1.80	57.39
51.0-52.0	784.0	67.3	2202.2	1.81	59.20
52.0-53.0	768.7	66.9	2269.1	1.80	61.00
53.0-54.0	744.8	65.7	2334.7	1.77	62.76
54.0-55.0	722.4	64.5	2399.2	1.73	64.50
55.0-56.0	701.8	63.4	2462.6	1.71	66.20
56.0-57.0	683.9	62.5	2525.2	1.68	67.88
57.0-58.0	668.0	61.8	2586.9	1.66	69.55
58.0-59.0	652.3	61.0	2647.9	1.64	71.18
59.0-60.0	637.6	60.2	2708.2	1.62	72.80
60.0-61.0	615.3	58.7	2766.9	1.58	74.38
61.0-62.0	587.2	56.6	2823.5	1.52	75.90
62.0-63.0	559.9	54.5	2878.0	1.46	77.37
63.0-64.0	532.7	52.3	2930.2	1.41	78.77
64.0-65.0	507.2	50.2	2980.4	1.35	80.12
65.0-66.0	486.0	48.5	3028.9	1.30	81.43
66.0-67.0	466.1	46.9	3075.8	1.26	82.69
67.0-68.0	448.3	45.4	3121.2	1.22	83.91
68.0-69.0	433.4	44.2	3165.4	1.19	85.10
69.0-70.0	416.5	42.8	3208.2	1.15	86.25
70.0-71.0	393.0	40.6	3248.9	1.09	87.34
71.0-72.0	364.2	37.9	3286.7	1.02	88.36

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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	336.2	35.2	3321.9	0.95	89.30
73.0-74.0	310.1	32.6	3354.5	0.88	90.18
74.0-75.0	285.4	30.2	3384.6	0.81	90.99
75.0-76.0	262.1	27.8	3412.5	0.75	91.74
76.0-77.0	242.7	25.9	3438.4	0.70	92.43
77.0-78.0	226.6	24.3	3462.6	0.65	93.09
78.0-79.0	208.6	22.4	3485.0	0.60	93.69
79.0-80.0	190.0	20.5	3505.5	0.55	94.24
80.0-81.0	170.4	18.4	3523.9	0.50	94.73
81.0-82.0	146.8	15.9	3539.9	0.43	95.16
82.0-83.0	124.6	13.5	3553.4	0.36	95.53
83.0-84.0	107.9	11.8	3565.1	0.32	95.84
84.0-85.0	93.7	10.2	3575.4	0.27	96.12
85.0-86.0	79.9	8.7	3584.1	0.23	96.35
86.0-87.0	67.9	7.4	3591.5	0.20	96.55
87.0-88.0	58.3	6.4	3597.9	0.17	96.72
88.0-89.0	50.3	5.5	3603.4	0.15	96.87
89.0-90.0	43.9	4.8	3608.3	0.13	97.00
90.0-91.0	39.1	4.3	3612.6	0.12	97.12
91.0-92.0	35.5	3.9	3616.5	0.10	97.22
92.0-93.0	32.9	3.6	3620.1	0.10	97.32
93.0-94.0	30.8	3.4	3623.4	0.09	97.41
94.0-95.0	29.0	3.2	3626.6	0.09	97.49
95.0-96.0	27.6	3.0	3629.6	0.08	97.58
96.0-97.0	26.5	2.9	3632.5	0.08	97.65
97.0-98.0	25.5	2.8	3635.3	0.07	97.73
98.0-99.0	24.7	2.7	3637.9	0.07	97.80
99.0-100.0	23.9	2.6	3640.5	0.07	97.87
100.0-101.0	23.2	2.5	3643.0	0.07	97.94
101.0-102.0	22.4	2.4	3645.4	0.06	98.00
102.0-103.0	21.5	2.3	3647.7	0.06	98.06
103.0-104.0	20.6	2.2	3649.9	0.06	98.12
104.0-105.0	19.9	2.1	3652.1	0.06	98.18
105.0-106.0	19.6	2.1	3654.1	0.06	98.23
106.0-107.0	19.4	2.0	3656.2	0.05	98.29
107.0-108.0	19.2	2.0	3658.2	0.05	98.34

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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	19.0	2.0	3660.2	0.05	98.40
109.0-110.0	18.8	1.9	3662.1	0.05	98.45
110.0-111.0	18.7	1.9	3664.0	0.05	98.50
111.0-112.0	18.6	1.9	3665.9	0.05	98.55
112.0-113.0	18.3	1.9	3667.8	0.05	98.60
113.0-114.0	18.2	1.8	3669.6	0.05	98.65
114.0-115.0	18.1	1.8	3671.4	0.05	98.70
115.0-116.0	18.0	1.8	3673.2	0.05	98.75
116.0-117.0	17.8	1.7	3674.9	0.05	98.79
117.0-118.0	17.7	1.7	3676.6	0.05	98.84
118.0-119.0	17.4	1.7	3678.3	0.05	98.88
119.0-120.0	17.2	1.6	3680.0	0.04	98.93
120.0-121.0	17.1	1.6	3681.6	0.04	98.97
121.0-122.0	17.0	1.6	3683.2	0.04	99.02
122.0-123.0	16.8	1.6	3684.7	0.04	99.06
123.0-124.0	16.6	1.5	3686.2	0.04	99.10
124.0-125.0	16.3	1.5	3687.7	0.04	99.14
125.0-126.0	16.0	1.4	3689.2	0.04	99.18
126.0-127.0	15.6	1.4	3690.5	0.04	99.21
127.0-128.0	15.4	1.3	3691.9	0.04	99.25
128.0-129.0	15.0	1.3	3693.1	0.03	99.28
129.0-130.0	14.5	1.2	3694.4	0.03	99.32
130.0-131.0	14.3	1.2	3695.6	0.03	99.35
131.0-132.0	14.2	1.2	3696.7	0.03	99.38
132.0-133.0	13.9	1.1	3697.9	0.03	99.41
133.0-134.0	13.7	1.1	3699.0	0.03	99.44
134.0-135.0	13.5	1.1	3700.0	0.03	99.47
135.0-136.0	13.3	1.0	3701.0	0.03	99.50
136.0-137.0	13.3	1.0	3702.0	0.03	99.52
137.0-138.0	13.2	1.0	3703.0	0.03	99.55
138.0-139.0	13.0	0.9	3704.0	0.03	99.57
139.0-140.0	12.9	0.9	3704.9	0.02	99.60
140.0-141.0	12.9	0.9	3705.8	0.02	99.62
141.0-142.0	12.7	0.9	3706.6	0.02	99.65
142.0-143.0	12.6	0.8	3707.5	0.02	99.67
143.0-144.0	12.6	0.8	3708.3	0.02	99.69

C Plane (°):0.0-360.0: 22.5
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Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-3000
 Distance: 14.140 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	12.4	0.8	3709.1	0.02	99.71
145.0-146.0	12.2	0.8	3709.9	0.02	99.73
146.0-147.0	12.1	0.7	3710.6	0.02	99.75
147.0-148.0	11.8	0.7	3711.3	0.02	99.77
148.0-149.0	11.6	0.7	3711.9	0.02	99.79
149.0-150.0	11.3	0.6	3712.6	0.02	99.81
150.0-151.0	11.1	0.6	3713.2	0.02	99.82
151.0-152.0	10.9	0.6	3713.7	0.02	99.84
152.0-153.0	10.8	0.5	3714.3	0.01	99.85
153.0-154.0	10.6	0.5	3714.8	0.01	99.87
154.0-155.0	10.3	0.5	3715.3	0.01	99.88
155.0-156.0	10.0	0.5	3715.8	0.01	99.89
156.0-157.0	9.7	0.4	3716.2	0.01	99.90
157.0-158.0	9.5	0.4	3716.6	0.01	99.91
158.0-159.0	9.2	0.4	3716.9	0.01	99.92
159.0-160.0	9.0	0.3	3717.3	0.01	99.93
160.0-161.0	8.6	0.3	3717.6	0.01	99.94
161.0-162.0	8.3	0.3	3717.9	0.01	99.95
162.0-163.0	8.0	0.3	3718.2	0.01	99.96
163.0-164.0	7.5	0.2	3718.4	0.01	99.96
164.0-165.0	7.2	0.2	3718.6	0.01	99.97
165.0-166.0	6.9	0.2	3718.8	0.01	99.97
166.0-167.0	6.5	0.2	3719.0	0.00	99.98
167.0-168.0	6.3	0.1	3719.1	0.00	99.98
168.0-169.0	6.0	0.1	3719.2	0.00	99.98
169.0-170.0	5.6	0.1	3719.4	0.00	99.99
170.0-171.0	5.4	0.1	3719.5	0.00	99.99
171.0-172.0	5.1	0.1	3719.5	0.00	99.99
172.0-173.0	4.8	0.1	3719.6	0.00	99.99
173.0-174.0	4.6	0.1	3719.7	0.00	100.00
174.0-175.0	4.4	0.0	3719.7	0.00	100.00
175.0-176.0	4.2	0.0	3719.7	0.00	100.00
176.0-177.0	4.2	0.0	3719.8	0.00	100.00
177.0-178.0	4.2	0.0	3719.8	0.00	100.00
178.0-179.0	4.1	0.0	3719.8	0.00	100.00
179.0-180.0	4.2	0.0	3719.8	0.00	100.00

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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°): 1737.82 lm

%lum = 46.7%

%lamp = 46.7%

cone flux(120°): 2708.18 lm

%lum = 72.8%

%lamp = 72.8%

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	1186.5	1186.5	1186.5	1186.5	1186.5	1186.5	1186.5	1186.5	1186.5	1186.5
G1.0	1186.4	1208.0	1222.8	1229.3	1237.1	1225.5	1215.2	1203.8	1186.6	1159.2
G2.0	1184.4	1221.4	1247.7	1269.1	1282.1	1265.4	1241.0	1216.2	1184.9	1129.1
G3.0	1181.8	1230.3	1283.3	1308.4	1325.0	1307.4	1271.4	1227.3	1181.9	1099.5
G4.0	1175.4	1240.3	1310.0	1357.6	1387.3	1358.5	1297.1	1239.9	1176.1	1068.0
G5.0	1170.4	1251.4	1344.7	1423.1	1455.0	1422.1	1330.2	1250.8	1168.3	1044.6
G6.0	1161.7	1259.3	1391.3	1471.0	1491.1	1462.4	1370.1	1257.5	1158.6	1024.8
G7.0	1154.2	1265.6	1427.8	1489.6	1498.5	1479.6	1404.8	1261.0	1147.9	1003.5
G8.0	1144.5	1274.6	1447.2	1491.1	1490.0	1477.4	1424.0	1268.3	1138.1	980.0
G9.0	1135.2	1285.3	1452.7	1476.0	1461.5	1457.8	1426.7	1277.1	1126.8	954.6
G10.0	1123.5	1297.6	1447.1	1452.1	1479.7	1432.2	1421.0	1284.8	1112.1	928.9
G11.0	1114.1	1308.8	1438.0	1481.0	1540.6	1455.0	1407.0	1290.3	1098.2	905.4
G12.0	1106.9	1318.2	1414.0	1534.2	1615.5	1509.2	1378.9	1290.5	1085.7	885.0
G13.0	1096.8	1330.4	1397.3	1598.0	1666.6	1576.5	1360.1	1291.0	1074.9	863.2
G14.0	1087.6	1327.2	1405.6	1626.7	1681.6	1612.4	1366.2	1293.1	1065.3	831.7
G15.0	1079.9	1318.4	1429.7	1634.7	1676.6	1617.2	1392.1	1287.5	1057.8	800.8
G16.0	1072.2	1309.9	1469.0	1631.5	1636.4	1602.3	1429.4	1275.2	1050.1	771.1
G17.0	1066.4	1305.6	1510.8	1597.8	1651.9	1562.2	1465.3	1264.6	1040.4	743.5
G18.0	1060.4	1301.2	1511.4	1594.9	1699.1	1550.2	1481.7	1253.9	1028.2	716.4
G19.0	1053.0	1298.1	1507.9	1630.0	1747.6	1583.8	1469.6	1247.6	1024.3	688.9
G20.0	1052.2	1295.7	1501.3	1671.3	1772.0	1628.9	1458.2	1249.9	1022.0	662.6
G21.0	1052.0	1277.7	1496.2	1686.7	1803.6	1658.4	1443.1	1242.9	1019.7	641.0
G22.0	1044.4	1263.5	1479.2	1700.4	1823.6	1683.2	1413.4	1241.3	1016.5	624.9
G23.0	1045.8	1260.6	1483.3	1720.8	1808.4	1709.8	1402.6	1246.0	1014.0	618.1
G24.0	1059.4	1278.5	1502.3	1722.2	1787.0	1711.2	1417.2	1247.5	1010.9	608.2
G25.0	1047.2	1294.1	1520.0	1701.8	1745.9	1685.2	1443.1	1271.6	1013.6	596.0
G26.0	1058.1	1303.0	1527.7	1681.9	1715.9	1659.4	1467.9	1284.3	1009.1	583.4
G27.0	1071.5	1331.3	1541.6	1649.2	1718.3	1628.7	1490.5	1319.0	1009.2	576.7
G28.0	1060.5	1358.0	1542.2	1630.9	1737.1	1606.1	1515.8	1343.5	1000.1	564.6
G29.0	1066.7	1354.1	1549.5	1645.4	1750.8	1607.7	1506.7	1352.8	997.3	556.4
G30.0	1060.5	1351.5	1542.4	1675.5	1745.5	1623.8	1513.3	1330.4	984.3	540.6
G31.0	1046.5	1334.9	1517.6	1682.0	1731.7	1642.4	1503.3	1330.9	997.5	525.1
G32.0	1073.5	1336.5	1506.7	1680.5	1725.7	1646.1	1477.3	1349.3	987.6	504.2
G33.0	1051.7	1350.3	1491.6	1661.1	1747.4	1637.4	1469.3	1359.9	986.3	476.2
G34.0	1044.7	1339.8	1494.6	1650.6	1781.9	1626.8	1458.1	1322.5	973.4	474.1
G35.0	1069.0	1310.7	1493.0	1672.2	1799.9	1645.7	1427.9	1324.3	962.3	460.5
G36.0	1057.2	1317.6	1493.5	1682.5	1807.1	1657.4	1450.8	1303.3	959.6	436.4

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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	1028.8	1354.0	1512.6	1703.9	1784.5	1669.6	1433.2	1305.0	943.2	430.6
G38.0	1037.7	1363.3	1513.1	1693.9	1772.3	1679.9	1449.8	1299.3	970.2	421.3
G39.0	1034.5	1374.8	1503.5	1674.2	1775.4	1669.7	1439.5	1306.8	891.3	409.4
G40.0	1013.5	1356.0	1513.4	1662.2	1780.0	1651.4	1415.3	1290.5	925.9	400.9
G41.0	1019.9	1332.8	1480.9	1656.8	1776.6	1632.8	1404.2	1263.5	904.4	389.8
G42.0	1008.5	1343.9	1449.0	1645.9	1735.5	1628.7	1418.9	1334.5	889.1	405.0
G43.0	1018.4	1353.6	1482.1	1660.4	1731.0	1631.1	1402.5	1274.1	886.9	363.0
G44.0	1004.4	1294.8	1477.8	1643.5	1738.7	1623.0	1399.3	1273.2	910.4	356.4
G45.0	968.2	1270.3	1461.1	1634.6	1704.6	1629.6	1409.0	1277.1	880.9	352.7
G46.0	1023.5	1248.0	1432.6	1619.1	1679.3	1604.3	1373.0	1257.4	880.8	333.7
G47.0	985.4	1240.9	1412.1	1584.9	1636.6	1572.3	1373.1	1240.2	867.2	329.9
G48.0	1002.4	1289.2	1396.2	1563.5	1603.2	1554.3	1356.8	1258.9	884.5	340.2
G49.0	1001.8	1242.2	1369.2	1528.2	1598.6	1542.6	1349.5	1239.2	822.6	335.5
G50.0	1005.3	1242.0	1347.0	1509.7	1585.4	1530.4	1343.9	1222.2	871.5	324.7
G51.0	956.7	1242.2	1362.9	1505.0	1591.5	1503.9	1343.5	1197.9	842.3	328.7
G52.0	951.8	1248.2	1310.9	1491.0	1573.0	1495.6	1298.2	1223.4	842.0	332.9
G53.0	939.7	1237.2	1266.1	1454.8	1493.4	1460.4	1256.9	1201.3	798.4	307.1
G54.0	912.4	1194.2	1248.7	1437.3	1381.6	1418.8	1208.3	1166.6	786.4	303.7
G55.0	908.0	1209.4	1240.0	1346.4	1324.4	1364.1	1186.2	1116.6	767.9	302.7
G56.0	852.0	1183.3	1212.7	1275.6	1308.3	1298.7	1192.9	1120.8	747.3	274.7
G57.0	854.9	1144.4	1187.0	1242.5	1306.0	1259.8	1152.5	1105.6	706.4	278.3
G58.0	780.1	1116.5	1175.9	1226.7	1290.2	1216.2	1126.7	1046.0	722.7	273.2
G59.0	786.9	1063.2	1132.9	1210.0	1308.5	1188.2	1101.5	1043.6	686.6	256.5
G60.0	768.1	1011.5	1063.1	1197.8	1293.5	1186.0	1057.2	1020.2	660.3	271.4
G61.0	742.1	1017.5	1012.9	1197.3	1155.5	1163.9	1006.8	940.3	614.2	247.9
G62.0	718.9	953.0	987.5	1129.5	1046.2	1112.0	964.4	914.1	604.6	251.1
G63.0	685.4	902.6	952.2	1028.7	984.0	1044.9	960.3	871.1	607.8	224.8
G64.0	607.9	877.4	941.0	974.7	920.8	983.4	909.1	819.9	595.5	216.6
G65.0	578.0	838.0	909.3	895.8	905.9	883.0	893.4	816.2	551.2	213.3
G66.0	571.6	754.0	868.6	862.4	914.7	839.2	861.9	795.9	548.6	211.7
G67.0	559.5	770.9	802.5	848.1	921.2	818.3	790.8	728.5	474.7	198.3
G68.0	542.2	731.9	753.6	849.1	923.2	809.0	725.6	713.1	459.5	183.3
G69.0	528.5	689.3	694.5	835.2	934.0	822.8	685.2	634.8	459.5	176.6
G70.0	510.4	648.9	649.4	846.2	843.4	820.6	651.3	608.8	432.5	159.4
G71.0	444.4	619.9	622.2	801.1	699.0	770.8	623.5	583.8	399.0	168.9
G72.0	452.9	573.9	612.0	673.2	612.1	684.8	598.6	551.3	380.0	155.3
G73.0	418.7	534.0	579.8	589.0	600.1	586.0	555.4	518.7	362.0	140.6

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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	374.5	486.8	567.0	554.9	555.2	513.7	515.0	481.6	329.3	128.5
G75.0	345.5	427.4	522.4	512.0	522.5	475.1	481.2	420.6	312.2	119.5
G76.0	317.9	388.4	455.9	474.1	510.6	457.1	429.0	372.5	282.4	112.1
G77.0	294.9	354.8	414.6	463.6	492.9	441.5	394.2	346.9	249.7	101.3
G78.0	258.8	328.3	373.5	450.3	474.4	426.3	364.5	315.0	234.8	92.2
G79.0	232.6	290.0	328.5	427.7	449.9	403.7	315.2	273.6	205.2	85.4
G80.0	212.9	267.1	315.8	390.9	405.5	377.1	272.9	248.6	179.9	78.8
G81.0	199.6	235.6	287.6	336.0	316.2	320.4	251.8	221.5	164.3	73.5
G82.0	173.6	202.6	259.5	258.1	240.4	249.4	232.6	189.3	140.1	66.3
G83.0	138.8	182.8	224.2	213.2	214.1	202.7	199.1	168.9	122.8	57.5
G84.0	125.2	161.2	180.6	192.6	200.6	183.3	167.3	148.7	99.9	49.0
G85.0	102.7	132.3	151.9	174.4	176.2	165.2	142.6	120.7	85.0	43.2
G86.0	84.6	104.3	126.6	149.9	155.0	144.2	118.1	98.5	66.8	37.9
G87.0	67.9	91.3	107.0	131.5	138.5	126.5	100.4	79.9	51.4	32.9
G88.0	50.8	70.2	94.9	116.6	122.2	109.9	87.1	68.8	44.2	28.9
G89.0	44.2	62.6	80.1	101.0	106.8	94.8	74.9	57.2	32.9	27.8
G90.0	33.5	53.3	70.0	88.2	95.6	83.4	66.3	52.8	31.0	24.9
G91.0	32.0	46.6	61.5	78.9	86.3	75.3	58.3	46.6	28.4	23.0
G92.0	30.5	41.7	55.0	72.3	79.1	68.7	52.9	42.7	27.8	21.5
G93.0	28.7	39.8	49.4	67.6	73.2	63.5	47.9	41.1	27.5	20.2
G94.0	28.8	37.4	46.2	62.9	68.4	58.8	44.5	38.0	23.5	19.2
G95.0	24.9	35.5	43.5	59.2	64.4	54.5	41.8	37.3	25.2	18.8
G96.0	26.2	35.1	41.1	55.2	60.9	50.9	39.9	35.9	24.1	17.7
G97.0	24.8	33.3	39.1	52.7	59.0	49.0	38.3	34.6	21.9	17.6
G98.0	23.3	33.6	37.1	50.1	57.3	46.6	36.5	33.9	23.9	17.3
G99.0	24.8	32.2	35.8	48.7	55.7	45.3	35.3	32.3	20.2	16.6
G100.0	22.8	31.3	34.9	47.5	54.4	44.3	33.6	32.7	18.6	16.6
G101.0	21.8	30.4	34.2	46.9	53.4	42.7	33.0	31.4	13.3	16.6
G102.0	17.2	30.5	33.5	45.6	52.2	41.8	32.1	31.1	10.0	16.5
G103.0	14.0	30.1	32.7	44.9	51.1	41.5	31.6	30.3	4.0	16.1
G104.0	6.0	29.1	32.1	44.6	50.6	41.2	31.7	29.6	2.2	16.2
G105.0	1.9	29.0	31.4	44.2	49.4	41.1	31.1	29.6	1.8	16.0
G106.0	1.5	28.6	31.6	43.3	48.5	40.8	30.6	29.0	2.4	15.9
G107.0	1.8	28.6	30.7	42.9	48.1	40.2	30.3	29.0	1.9	15.9
G108.0	2.7	28.6	30.6	41.8	47.5	39.9	29.8	28.6	2.0	15.9
G109.0	3.0	28.2	30.1	40.9	46.5	39.3	29.5	28.7	2.3	16.1
G110.0	2.1	27.7	29.7	40.6	46.4	38.4	29.3	28.4	2.5	15.8

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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	2.9	27.5	29.8	39.5	45.7	37.9	28.6	28.3	2.5	15.6
G112.0	2.8	27.7	28.9	39.3	44.9	37.6	28.5	27.4	3.4	15.5
G113.0	1.8	27.4	29.0	38.5	44.2	36.7	28.3	27.6	2.4	14.8
G114.0	2.7	27.5	28.4	37.9	43.8	36.1	28.2	27.4	2.9	15.4
G115.0	3.0	27.5	29.0	37.0	42.9	35.6	27.9	27.5	3.0	15.2
G116.0	2.9	28.0	29.0	36.6	41.9	34.9	27.7	27.4	3.2	15.3
G117.0	2.6	27.5	28.4	36.1	41.2	34.3	27.4	27.4	3.2	15.1
G118.0	2.2	27.4	27.9	35.5	40.5	33.9	27.1	26.7	3.4	15.6
G119.0	2.9	27.4	27.3	34.7	39.2	33.0	26.9	26.9	2.5	15.2
G120.0	2.8	27.0	26.8	33.9	38.8	33.0	26.4	26.5	3.2	15.1
G121.0	2.8	27.0	26.7	34.0	38.4	32.2	26.4	26.9	3.2	15.5
G122.0	1.7	27.0	26.0	33.4	38.1	32.3	25.7	26.9	2.9	15.1
G123.0	2.4	27.1	26.0	32.7	36.0	31.4	24.8	27.4	3.4	14.9
G124.0	3.1	26.5	26.0	32.4	35.0	31.0	24.6	26.5	3.0	14.9
G125.0	2.4	25.4	25.4	31.5	32.6	30.6	24.5	26.2	3.4	15.0
G126.0	2.8	25.0	24.9	31.4	29.8	29.9	23.9	25.4	2.4	15.0
G127.0	2.5	24.6	24.8	30.9	26.7	29.5	23.9	25.0	3.8	14.7
G128.0	2.9	24.5	24.6	29.9	24.7	28.7	23.1	24.3	3.2	14.7
G129.0	2.7	23.8	24.3	28.8	22.7	27.5	22.9	23.8	3.2	14.7
G130.0	1.8	23.1	24.2	27.9	20.9	27.2	22.6	23.2	3.2	14.5
G131.0	2.2	23.2	23.5	26.9	20.3	26.1	21.9	23.4	3.1	14.7
G132.0	2.6	22.8	23.1	26.0	19.5	24.7	21.7	23.3	2.6	14.7
G133.0	2.6	23.2	22.6	24.5	18.9	23.8	21.2	23.6	3.1	14.2
G134.0	2.5	23.4	22.4	23.7	17.7	22.4	20.9	23.0	2.9	14.5
G135.0	2.8	23.1	22.2	22.2	16.8	21.3	20.7	23.5	2.9	14.5
G136.0	2.8	23.1	21.9	21.2	15.9	20.6	20.2	23.5	3.4	14.6
G137.0	2.7	23.5	21.8	21.0	15.1	19.8	20.2	24.3	3.5	15.1
G138.0	2.7	23.5	21.5	19.1	14.5	19.1	19.7	24.2	3.1	15.4
G139.0	2.6	24.1	21.2	18.6	13.9	18.3	19.4	24.7	3.1	15.6
G140.0	3.2	24.9	21.0	17.6	12.5	17.5	18.7	25.6	3.6	15.9
G141.0	2.1	24.7	20.5	17.3	12.2	16.8	18.6	26.2	3.3	15.9
G142.0	2.9	25.2	19.6	16.5	11.6	15.7	17.5	26.7	3.6	16.2
G143.0	3.2	25.7	18.9	15.9	10.3	15.0	17.8	27.5	3.4	16.7
G144.0	3.3	26.2	18.2	14.8	10.7	14.1	17.0	27.4	3.7	16.7
G145.0	3.2	26.6	17.2	13.9	9.3	12.7	16.9	28.0	3.3	16.7
G146.0	3.9	26.6	16.7	13.0	8.8	11.7	16.6	28.1	3.7	17.3
G147.0	3.2	26.3	16.6	11.0	8.4	10.6	17.3	28.5	3.0	17.3

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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	4.5	26.3	15.2	9.8	7.0	9.6	18.0	28.1	3.4	17.2
G149.0	5.0	26.1	15.1	8.6	6.4	8.7	18.1	27.6	2.7	16.6
G150.0	5.2	25.5	14.8	7.8	5.0	7.6	18.2	27.3	3.8	16.4
G151.0	6.0	24.5	14.7	7.2	4.8	7.4	18.8	26.5	3.8	17.0
G152.0	6.1	23.6	14.9	5.6	3.6	8.0	18.6	25.9	3.6	16.3
G153.0	7.2	22.5	14.4	5.3	3.6	8.0	18.0	25.1	3.0	15.9
G154.0	7.3	21.5	13.9	5.5	3.8	8.2	17.2	23.8	3.9	15.2
G155.0	7.8	20.3	13.3	5.8	3.5	8.2	16.6	22.7	3.5	14.8
G156.0	8.2	18.8	12.9	5.6	3.8	8.5	15.8	21.5	3.6	14.3
G157.0	8.0	17.7	11.6	5.8	3.7	8.5	15.1	20.3	4.0	13.8
G158.0	8.0	16.2	11.3	5.8	4.2	9.0	15.2	18.7	4.0	13.3
G159.0	7.2	15.6	10.5	5.4	4.2	8.9	15.2	17.7	4.0	12.9
G160.0	7.6	14.8	10.2	5.7	4.5	8.2	14.3	16.4	3.5	12.1
G161.0	7.4	13.4	9.2	5.2	4.2	8.4	13.7	14.8	4.0	12.1
G162.0	7.6	12.9	9.0	5.3	4.4	8.7	13.4	13.6	4.0	11.6
G163.0	6.8	12.1	7.6	5.1	3.9	8.3	12.5	12.5	3.6	10.8
G164.0	5.9	10.9	7.2	4.6	4.7	7.7	12.0	11.4	3.9	10.0
G165.0	6.8	9.4	7.4	4.0	5.0	7.2	11.2	9.7	3.9	9.4
G166.0	6.3	8.8	7.0	3.3	5.2	7.5	10.2	9.0	4.0	7.9
G167.0	5.2	8.6	6.4	4.2	3.9	7.7	9.2	8.4	3.7	8.3
G168.0	5.8	7.4	5.2	3.0	4.5	7.4	8.3	7.6	3.9	7.5
G169.0	3.5	6.7	6.0	4.1	4.3	6.6	6.7	6.8	4.3	6.6
G170.0	4.7	6.0	5.3	3.6	4.7	5.5	7.1	6.1	4.0	6.7
G171.0	3.7	5.7	5.1	3.7	5.1	5.0	6.7	5.8	3.6	5.4
G172.0	4.0	4.9	4.6	3.7	4.3	5.3	5.9	5.5	4.2	5.3
G173.0	4.0	4.7	4.2	3.6	4.4	4.6	3.6	5.0	3.7	5.0
G174.0	3.8	3.9	4.2	3.8	4.5	4.6	4.6	5.4	4.1	4.6
G175.0	3.7	4.1	4.0	3.0	3.9	4.2	4.5	4.8	4.3	3.7
G176.0	3.6	4.2	3.9	3.5	3.8	4.0	4.6	4.3	4.4	4.4
G177.0	4.3	3.4	4.0	4.1	3.8	3.3	4.6	4.8	4.0	4.3
G178.0	4.0	4.0	4.2	4.0	3.9	4.3	4.3	4.4	3.8	4.1
G179.0	3.7	4.0	3.9	3.9	4.5	4.3	4.1	4.5	3.8	3.5
G180.0	3.9	4.1	4.2	4.1	4.6	4.2	4.6	4.5	4.1	3.9

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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	1186.5	1186.5	1186.5	1186.5	1186.5	1186.5	1186.5			
G1.0	1134.6	1112.9	1115.6	1121.6	1131.3	1160.1	1186.4			
G2.0	1082.6	1060.7	1062.7	1066.0	1082.8	1131.0	1184.4			
G3.0	1052.1	1025.7	1023.6	1032.2	1050.2	1101.4	1181.8			
G4.0	1019.5	985.3	982.3	990.6	1022.0	1071.6	1175.4			
G5.0	985.2	953.5	951.1	958.4	989.6	1046.2	1170.4			
G6.0	957.1	911.3	886.1	919.2	959.3	1024.8	1161.7			
G7.0	928.1	838.6	818.4	857.0	932.2	1006.9	1154.2			
G8.0	881.6	774.1	752.6	786.2	895.8	985.8	1144.5			
G9.0	829.0	718.7	704.4	728.9	844.9	960.2	1135.2			
G10.0	777.0	678.7	671.0	686.7	796.0	936.9	1123.5			
G11.0	727.2	648.8	636.2	655.7	744.3	912.7	1114.1			
G12.0	686.4	619.5	615.7	625.6	700.7	890.0	1106.9			
G13.0	652.5	600.3	579.2	604.9	664.4	866.7	1096.8			
G14.0	626.4	562.1	509.9	569.5	637.4	847.9	1087.6			
G15.0	600.7	497.9	443.3	512.9	612.7	822.8	1079.9			
G16.0	579.8	438.8	381.6	448.8	589.5	794.5	1072.2			
G17.0	562.4	380.8	328.6	390.6	573.2	769.1	1066.4			
G18.0	527.5	332.8	304.2	340.1	552.3	741.9	1060.4			
G19.0	482.4	304.4	290.4	310.1	509.0	715.6	1053.0			
G20.0	437.8	289.3	281.7	291.0	466.6	691.9	1052.2			
G21.0	394.8	279.6	275.3	279.8	424.2	669.9	1052.0			
G22.0	356.5	272.1	270.2	272.0	383.8	650.6	1044.4			
G23.0	325.1	265.5	264.2	265.4	348.7	634.9	1045.8			
G24.0	304.2	259.7	258.6	259.5	321.8	620.0	1059.4			
G25.0	290.0	253.1	252.2	253.6	303.1	606.7	1047.2			
G26.0	279.1	246.5	243.6	247.3	290.5	600.8	1058.1			
G27.0	271.2	238.7	231.4	240.0	281.1	589.4	1071.5			
G28.0	263.8	229.0	218.3	231.5	274.2	578.7	1060.5			
G29.0	260.6	216.8	204.3	221.1	268.7	569.6	1066.7			
G30.0	257.4	204.6	191.1	209.0	262.3	568.1	1060.5			
G31.0	253.3	192.2	178.2	197.1	254.5	555.3	1046.5			
G32.0	249.4	179.9	164.8	184.0	248.5	539.7	1073.5			
G33.0	242.2	168.5	152.9	172.2	245.9	527.5	1051.7			
G34.0	235.6	156.6	141.7	161.3	243.5	510.6	1044.7			
G35.0	227.9	144.4	131.4	150.4	237.7	508.4	1069.0			
G36.0	220.0	134.5	121.2	138.7	229.2	489.9	1057.2			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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	213.5	125.2	112.4	129.1	226.6	483.9	1028.8			
G38.0	206.6	116.3	103.0	119.6	221.0	464.8	1037.7			
G39.0	195.7	106.9	94.7	111.4	213.4	433.0	1034.5			
G40.0	186.1	99.0	87.1	103.8	201.0	432.2	1013.5			
G41.0	174.7	91.5	79.7	96.2	191.8	415.6	1019.9			
G42.0	167.5	84.0	74.0	89.4	190.3	409.4	1008.5			
G43.0	165.4	78.1	67.5	82.8	190.2	404.3	1018.4			
G44.0	162.6	71.8	62.5	77.6	185.9	372.7	1004.4			
G45.0	156.0	66.1	57.4	71.3	177.7	378.5	968.2			
G46.0	149.7	61.7	53.4	66.9	172.2	372.2	1023.5			
G47.0	143.5	57.2	49.2	62.0	166.8	355.5	985.4			
G48.0	135.4	52.9	45.2	57.2	157.6	345.4	1002.4			
G49.0	131.5	48.9	41.7	54.1	149.2	342.8	1001.8			
G50.0	128.6	46.0	39.2	50.0	150.1	339.7	1005.3			
G51.0	128.2	43.2	36.4	47.0	148.5	329.2	956.7			
G52.0	124.8	40.2	33.6	44.0	140.7	330.7	951.8			
G53.0	116.1	37.7	31.7	41.8	128.5	347.5	939.7			
G54.0	106.2	35.5	30.2	39.7	119.1	327.9	912.4			
G55.0	96.8	33.2	28.4	37.5	111.9	326.5	908.0			
G56.0	94.9	31.5	27.2	36.3	109.3	291.7	852.0			
G57.0	96.8	29.6	24.9	34.4	108.4	297.0	854.9			
G58.0	92.9	28.2	23.6	33.1	105.0	289.8	780.1			
G59.0	90.2	26.9	22.1	31.4	102.1	276.1	786.9			
G60.0	90.7	25.1	21.1	29.4	101.0	278.9	768.1			
G61.0	88.1	23.7	20.0	27.4	100.1	256.4	742.1			
G62.0	81.1	22.7	18.7	25.9	96.9	249.4	718.9			
G63.0	74.2	21.6	17.3	23.9	93.0	248.4	685.4			
G64.0	72.6	20.0	16.7	22.4	86.9	241.0	607.9			
G65.0	66.2	19.1	15.0	21.2	85.7	232.9	578.0			
G66.0	61.6	17.5	14.2	20.0	83.2	202.3	571.6			
G67.0	63.1	16.3	12.9	18.9	80.0	184.9	559.5			
G68.0	64.9	15.2	12.0	17.5	72.0	184.3	542.2			
G69.0	62.8	13.9	10.2	15.2	67.7	183.6	528.5			
G70.0	58.9	12.0	9.4	14.5	65.5	184.5	510.4			
G71.0	55.6	11.5	8.3	13.4	62.8	175.7	444.4			
G72.0	51.6	10.2	6.7	12.4	54.9	165.0	452.9			
G73.0	48.1	9.2	5.6	10.7	50.5	153.4	418.7			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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	41.3	8.1	3.7	9.5	47.8	143.6	374.5			
G75.0	39.1	7.4	3.0	8.7	45.7	128.6	345.5			
G76.0	38.1	5.6	3.0	8.3	43.8	116.9	317.9			
G77.0	33.6	5.1	2.2	6.4	40.4	109.3	294.9			
G78.0	28.7	4.6	2.2	6.4	37.1	101.8	258.8			
G79.0	27.5	4.9	2.0	5.7	35.6	90.0	232.6			
G80.0	26.1	4.5	2.3	5.5	32.4	81.0	212.9			
G81.0	24.2	4.2	2.5	5.1	30.6	77.1	199.6			
G82.0	21.9	5.0	2.4	5.2	26.9	72.5	173.6			
G83.0	19.6	4.2	2.9	5.6	23.0	61.0	138.8			
G84.0	17.6	4.5	2.9	5.2	21.2	50.9	125.2			
G85.0	16.1	4.7	2.9	5.2	19.1	45.5	102.7			
G86.0	15.1	3.8	2.2	4.2	18.0	39.4	84.6			
G87.0	13.4	3.6	2.5	4.7	16.8	34.5	67.9			
G88.0	13.4	4.5	2.7	4.8	15.2	30.2	50.8			
G89.0	12.7	3.5	2.7	3.9	14.0	27.2	44.2			
G90.0	11.6	3.6	2.7	3.9	13.5	25.2	33.5			
G91.0	11.2	3.3	2.0	3.7	13.0	23.2	32.0			
G92.0	10.5	3.7	1.9	3.2	11.7	21.1	30.5			
G93.0	9.6	2.9	2.6	4.1	10.6	19.9	28.7			
G94.0	9.3	3.5	2.2	4.2	10.2	19.2	28.8			
G95.0	9.0	3.3	2.5	4.0	9.8	18.1	24.9			
G96.0	8.4	3.3	2.8	3.7	9.4	17.6	26.2			
G97.0	7.9	3.6	2.4	3.9	9.0	17.0	24.8			
G98.0	8.2	3.3	2.2	3.4	9.2	16.7	23.3			
G99.0	7.6	3.0	2.3	3.8	7.9	16.4	24.8			
G100.0	7.6	3.4	2.6	3.3	8.1	16.2	22.8			
G101.0	7.5	3.6	2.6	3.7	8.0	16.1	21.8			
G102.0	7.2	3.5	2.0	3.4	8.1	15.8	17.2			
G103.0	7.9	3.9	2.9	3.7	7.7	15.4	14.0			
G104.0	6.6	3.8	2.4	3.3	7.5	15.4	6.0			
G105.0	7.1	3.7	2.9	3.7	7.5	15.5	1.9			
G106.0	7.0	2.5	2.4	3.5	7.7	15.2	1.5			
G107.0	7.1	3.6	2.6	3.8	7.3	15.3	1.8			
G108.0	7.2	3.8	2.8	2.7	7.2	15.1	2.7			
G109.0	7.0	2.5	3.2	3.6	7.5	14.9	3.0			
G110.0	6.6	3.7	2.6	3.0	7.7	15.3	2.1			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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	7.4	3.8	3.0	3.7	7.6	14.8	2.9			
G112.0	7.0	2.7	2.6	4.1	7.6	15.1	2.8			
G113.0	7.2	3.9	3.3	3.9	7.4	14.9	1.8			
G114.0	7.1	3.1	3.2	3.9	7.4	15.2	2.7			
G115.0	7.4	3.8	2.7	2.8	7.2	15.0	3.0			
G116.0	6.9	4.1	3.7	3.5	7.5	14.8	2.9			
G117.0	7.2	3.8	3.2	3.9	6.9	15.1	2.6			
G118.0	7.5	3.8	3.2	4.3	7.8	15.1	2.2			
G119.0	7.1	3.2	3.3	3.8	6.9	15.5	2.9			
G120.0	6.9	4.3	3.3	3.9	7.1	15.1	2.8			
G121.0	6.9	3.9	3.7	4.1	7.3	15.2	2.8			
G122.0	6.7	3.3	3.6	4.4	7.7	14.7	1.7			
G123.0	7.2	4.2	3.5	4.3	7.3	14.9	2.4			
G124.0	6.5	4.5	4.0	4.1	7.2	15.1	3.1			
G125.0	6.9	4.6	3.9	3.7	7.6	15.0	2.4			
G126.0	7.1	3.8	3.7	4.7	7.3	14.8	2.8			
G127.0	7.0	4.6	3.5	4.3	7.7	14.7	2.5			
G128.0	7.0	4.8	3.8	4.9	7.1	14.8	2.9			
G129.0	7.3	4.3	3.0	4.1	7.3	14.8	2.7			
G130.0	7.3	3.2	4.2	4.5	7.8	14.5	1.8			
G131.0	7.6	4.4	4.3	4.7	7.8	14.4	2.2			
G132.0	7.1	4.9	4.7	5.1	8.0	14.6	2.6			
G133.0	7.7	4.8	4.2	4.7	7.8	14.1	2.6			
G134.0	7.7	5.1	3.8	5.2	7.9	14.5	2.5			
G135.0	7.6	4.6	4.2	4.8	7.4	14.6	2.8			
G136.0	7.4	5.6	4.6	5.1	8.1	14.9	2.8			
G137.0	7.8	5.5	4.7	3.8	8.1	15.0	2.7			
G138.0	8.1	5.1	4.7	5.0	8.1	15.7	2.7			
G139.0	7.4	5.3	4.9	3.6	8.2	15.8	2.6			
G140.0	7.8	5.1	4.9	5.1	8.3	15.7	3.2			
G141.0	7.5	5.5	4.8	5.6	8.2	16.1	2.1			
G142.0	7.9	4.5	4.6	4.9	8.5	15.9	2.9			
G143.0	7.0	4.9	4.9	5.1	8.6	16.5	3.2			
G144.0	7.9	5.7	4.4	5.4	8.3	16.7	3.3			
G145.0	7.9	5.1	5.3	5.4	8.1	16.5	3.2			
G146.0	8.0	5.5	5.1	5.5	7.8	17.1	3.9			
G147.0	8.1	5.0	4.8	6.1	7.6	16.9	3.2			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 '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	8.0	5.6	5.1	5.1	7.9	17.1	4.5			
G149.0	7.8	5.9	5.2	5.3	7.6	17.0	5.0			
G150.0	7.4	5.6	4.5	5.4	7.6	16.5	5.2			
G151.0	7.5	5.8	5.2	4.4	6.9	16.7	6.0			
G152.0	7.7	5.2	5.6	4.9	7.0	16.2	6.1			
G153.0	7.3	6.5	5.5	6.3	7.3	15.9	7.2			
G154.0	7.3	5.3	5.5	4.9	7.7	15.5	7.3			
G155.0	7.0	5.9	5.3	5.8	7.8	14.6	7.8			
G156.0	7.7	5.8	5.4	5.5	6.9	13.8	8.2			
G157.0	7.2	5.7	5.3	5.8	6.9	13.3	8.0			
G158.0	7.4	5.3	5.2	6.1	7.1	13.3	8.0			
G159.0	7.9	6.0	5.1	5.5	6.5	12.9	7.2			
G160.0	7.7	6.3	5.9	5.8	6.7	12.3	7.6			
G161.0	7.5	6.1	4.8	5.9	6.3	11.7	7.4			
G162.0	7.4	6.1	4.9	5.9	5.3	11.7	7.6			
G163.0	7.5	5.9	4.7	5.9	5.5	10.9	6.8			
G164.0	7.0	5.7	4.6	6.1	6.2	9.7	5.9			
G165.0	7.1	5.0	5.0	5.9	6.7	10.0	6.8			
G166.0	6.5	5.3	4.4	5.5	6.3	9.6	6.3			
G167.0	6.5	4.3	4.7	5.2	6.7	8.5	5.2			
G168.0	6.4	5.9	5.1	5.8	6.8	8.2	5.8			
G169.0	6.3	5.7	5.3	6.3	6.4	6.6	3.5			
G170.0	5.4	4.9	5.3	5.7	6.6	6.4	4.7			
G171.0	5.9	5.1	4.9	4.9	5.8	6.9	3.7			
G172.0	5.3	5.5	5.2	5.6	5.8	5.6	4.0			
G173.0	5.4	5.2	4.7	4.6	5.7	5.4	4.0			
G174.0	4.4	4.9	5.3	5.2	5.3	5.1	3.8			
G175.0	4.9	4.0	4.8	5.1	4.9	4.7	3.7			
G176.0	4.0	4.5	3.7	4.7	5.0	4.7	3.6			
G177.0	4.5	3.6	4.1	5.0	5.0	4.6	4.3			
G178.0	4.2	4.2	4.2	4.9	4.2	3.9	4.0			
G179.0	4.2	4.4	4.2	4.3	4.2	4.2	3.7			
G180.0	4.1	4.2	4.1	4.5	4.1	4.6	3.9			

C Plane (°):0.0-360.0: 22.5
 Test Lab:
 Test Type: TYPE C
 Temperature: 24.7 'C
 Operator:

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