

Report No.: PKS211224011-10

Test Time: 2021/12/26 17:01

Luminaire Property

Luminaire Manufacturer: Blackjack Lighting.

Luminaire Category:

Luminaire Description: BLX-09F-SN-12T-30KLamp Catalog:

Lamp Description:

Number of Lamps:

Lumens per Lamp:

Luminous Length (mm): 222

Luminous Width (mm): 222

Luminous Height (mm): 40

Voltage: 120.0 V

Current: 0.163 A

Power: 19.08 W

Power Factor: 0.976

Photometric Results

CIE Class: Semi-Direct

Total Rated Lamp Lumens: 1487.1 lm

Measurement Flux: 1487.1 lm

Efficiency: 100%

Downward Ratio: 87%

Upward Ratio: 13%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 174.7, 173.5, 232.3, 229.6

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 118.4, 118.6, 122.6, 122.3

Luminaire Efficacy Rating (LER): 77.99

C0r0 Intensity: 395.9 cd

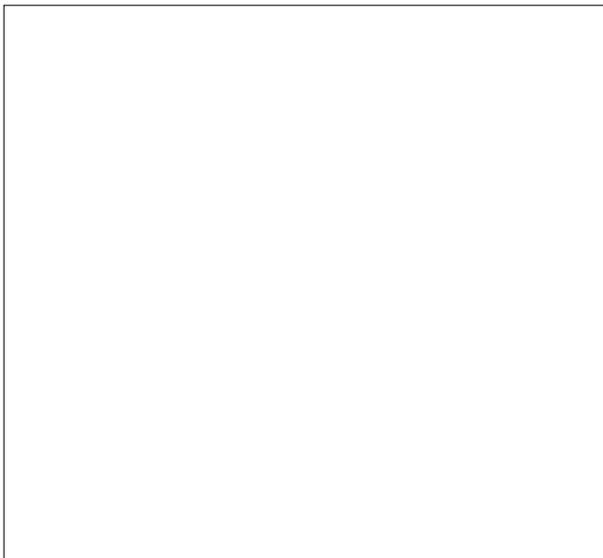
Max. Intensity: 397.6 cd

Pos of Max. Intensity: H45 V9

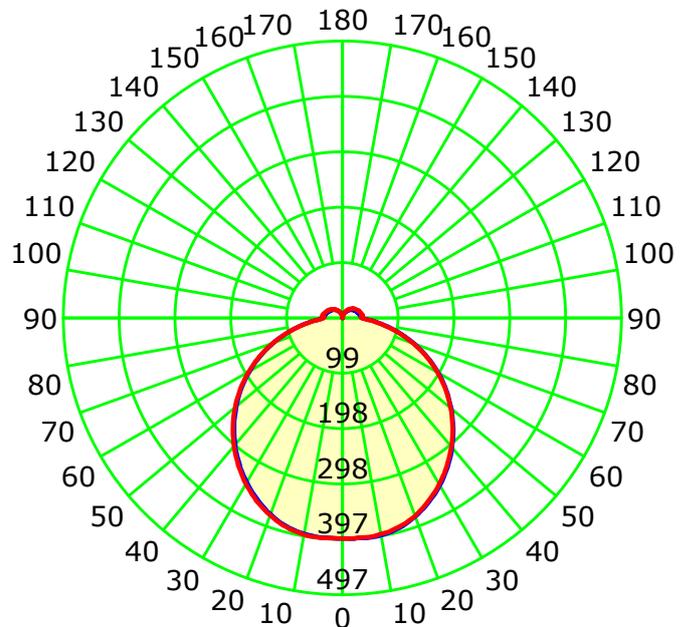
S/MH(C0/C180): 1.29

S/MH(C90/C270): 1.29

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 118.5°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Test Lab: Bay Area Compliance Laboratories Corp

Test Device: GPM-1900

Test Type: TYPE C

Distance: 14.073 m

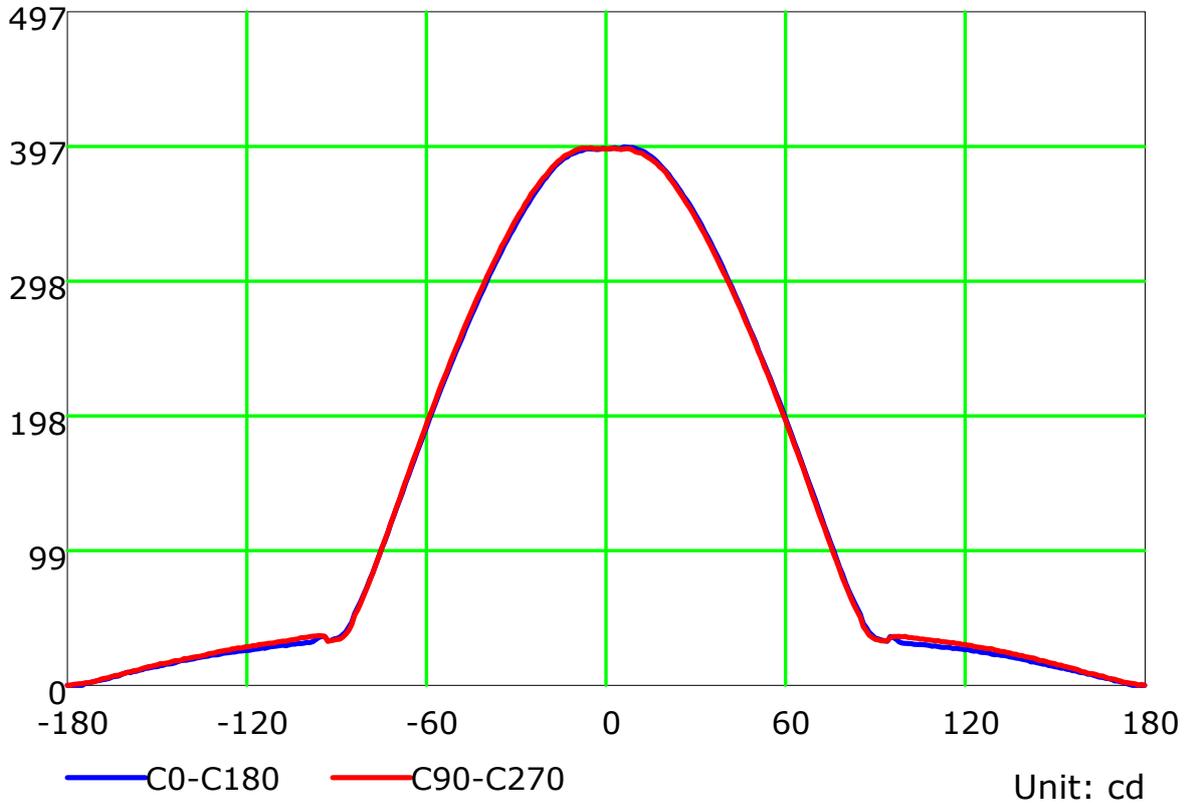
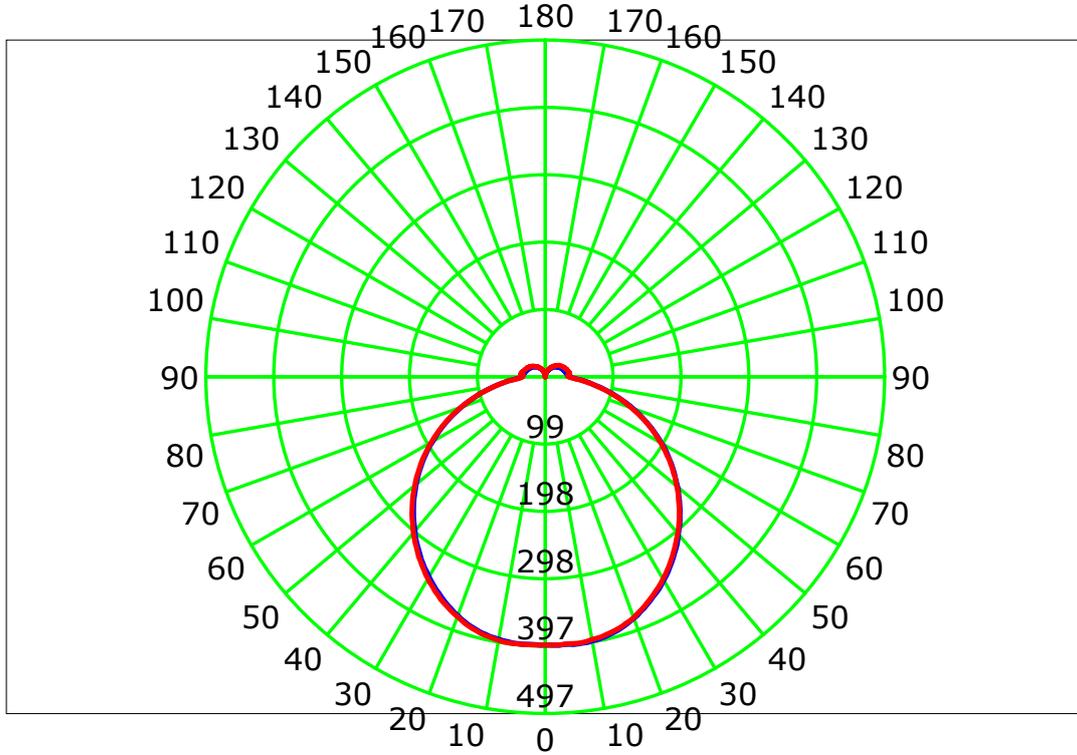
Temperature: 22.7 °C

Humidity: 49

Operator: LEO

Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp Test Device: GPM-1900

Test Type: TYPE C

Temperature: 22.7 °C

Operator: LEO

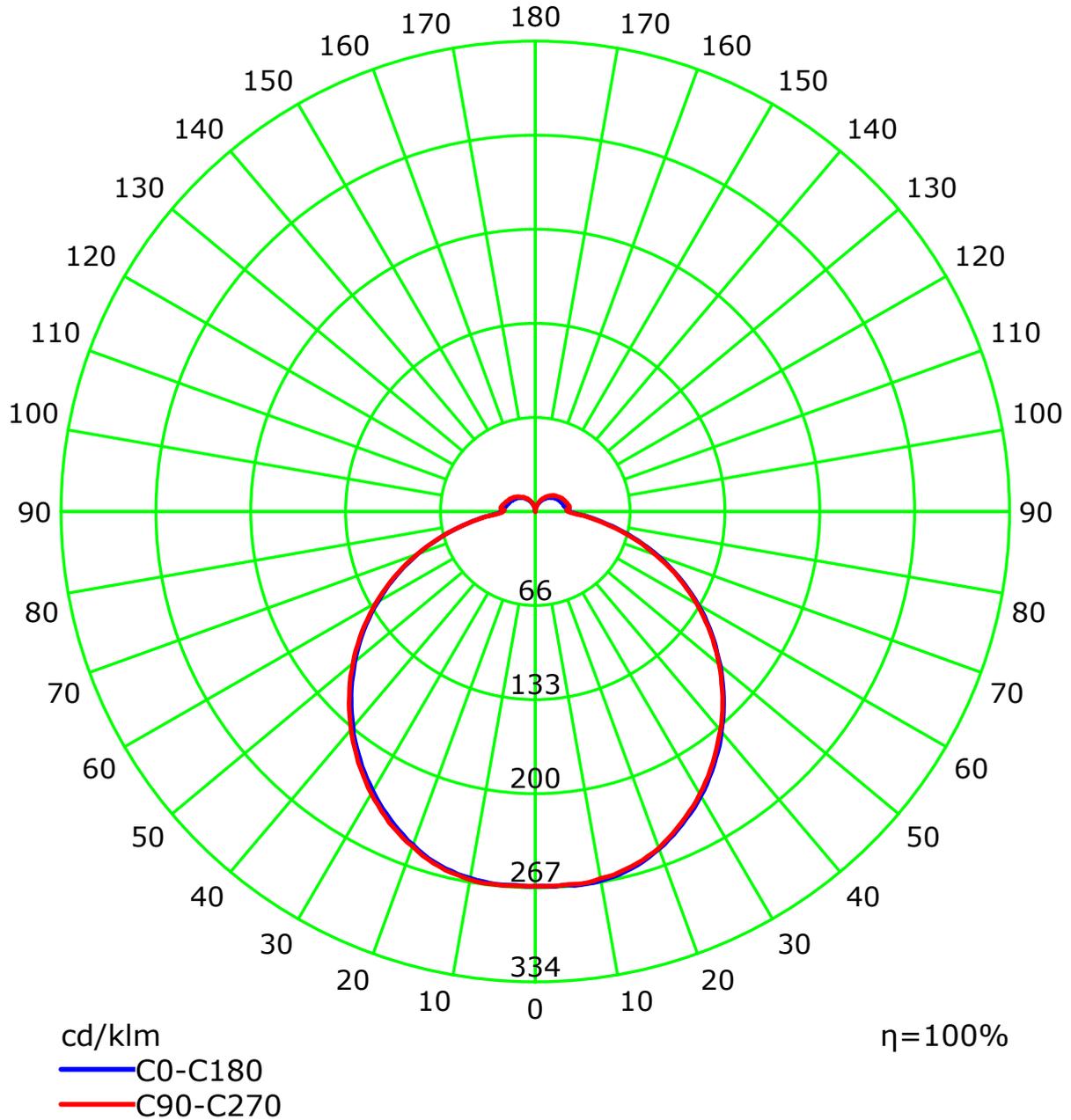
Gamma Plane (°):0.0-180.0:1.0

Distance: 14.073 m

Humidity: 49

Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp Test Device: GPM-1900

Test Type: TYPE C

Temperature: 22.7 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Distance: 14.073 m

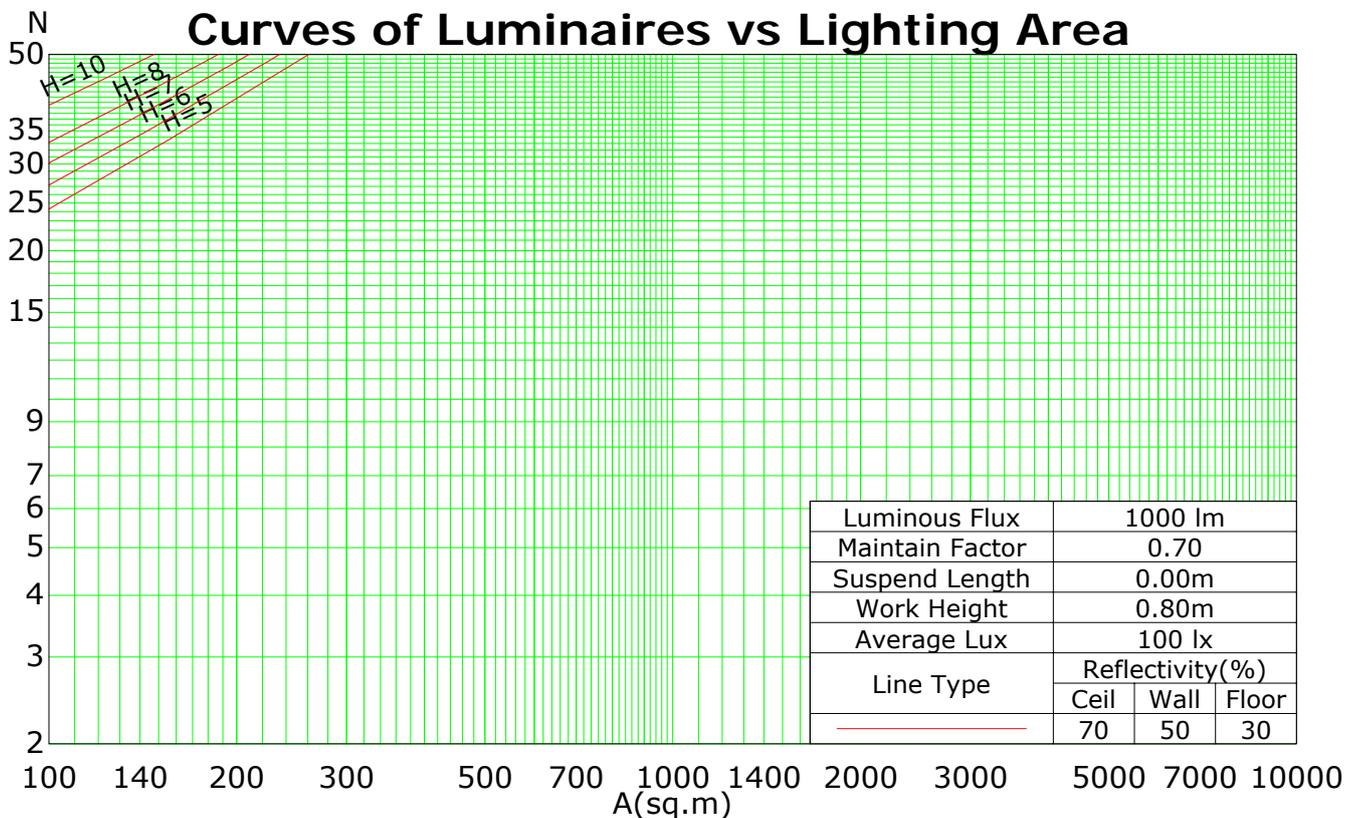
Humidity: 49

Inspector:

Coefficients Of Utilization - Zonal Cavity Method

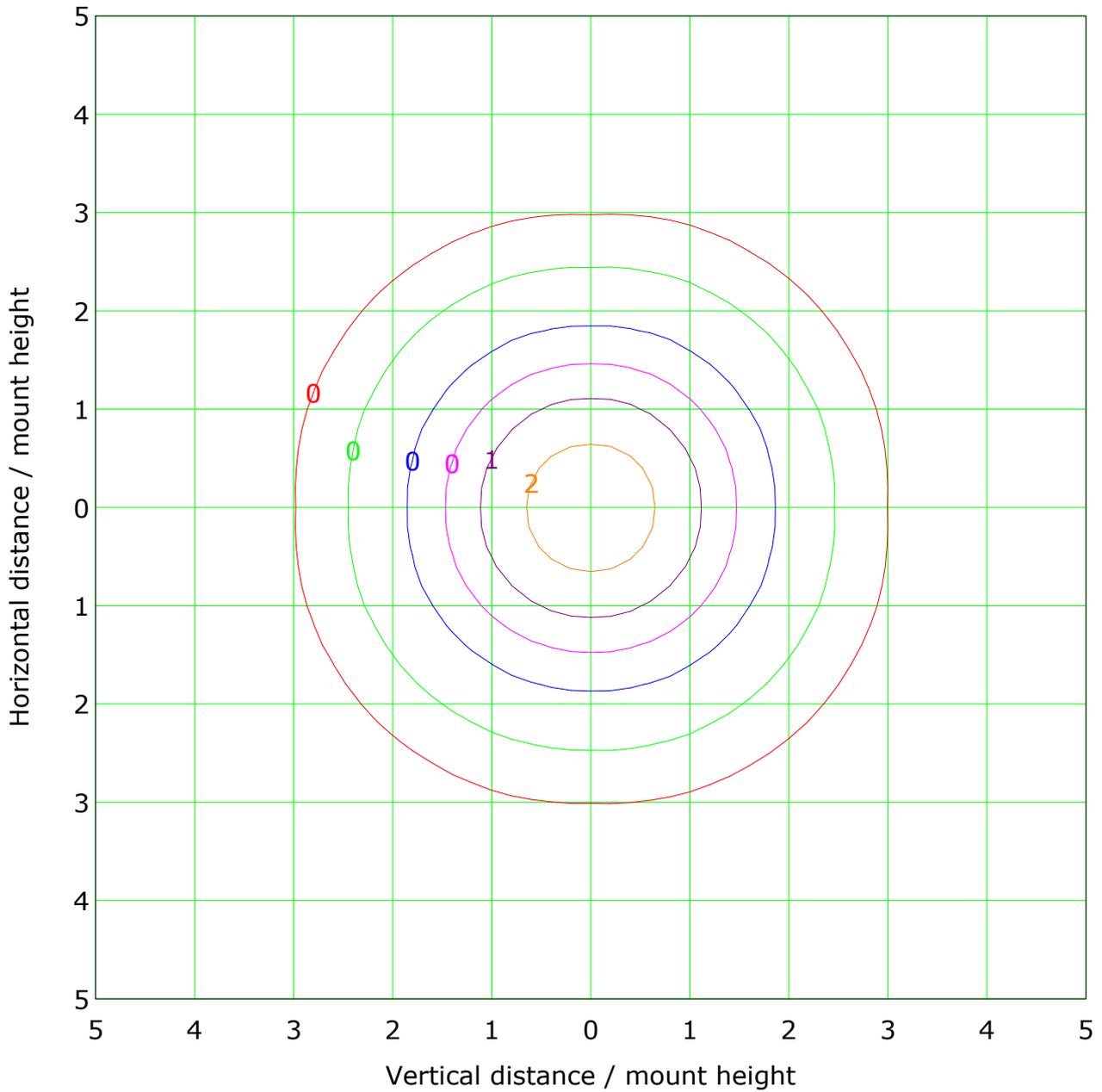
RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCCR	RF = 0.2																	
0	1.16	1.16	1.16	1.16	1.12	1.12	1.12	1.12	1.04	1.04	1.04	.97	.97	.97	.90	.90	.90	.87
1	1.04	.99	.94	.90	1.00	.96	.91	.87	.89	.86	.82	.83	.80	.78	.77	.75	.73	.70
2	.94	.86	.78	.72	.91	.83	.76	.70	.77	.72	.67	.72	.67	.63	.67	.63	.60	.57
3	.86	.75	.66	.59	.82	.72	.64	.58	.67	.61	.55	.63	.57	.53	.59	.54	.50	.48
4	.78	.66	.57	.50	.75	.64	.55	.49	.60	.52	.47	.56	.50	.45	.52	.47	.43	.40
5	.72	.59	.49	.43	.69	.57	.48	.42	.53	.46	.40	.50	.44	.39	.47	.41	.37	.35
6	.66	.53	.44	.37	.63	.51	.42	.36	.48	.41	.35	.45	.39	.34	.42	.37	.32	.30
7	.61	.48	.39	.32	.59	.46	.38	.32	.43	.36	.31	.41	.35	.30	.39	.33	.29	.26
8	.57	.43	.35	.29	.55	.42	.34	.28	.40	.33	.27	.37	.31	.26	.35	.30	.26	.23
9	.53	.40	.31	.26	.51	.39	.31	.25	.36	.29	.25	.34	.28	.24	.33	.27	.23	.21
10	.50	.36	.29	.23	.48	.35	.28	.23	.34	.27	.22	.32	.26	.22	.30	.25	.21	.19

Spacing Criteria (0-180): 1.29
 Spacing Criteria (90-270): 1.29
 Spacing Criteria (Diagonal): 1.43



C Plane (°):0.0-360.0: 22.5	Gamma Plane (°):0.0-180.0:1.0
Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)	Test Lab: GPM-1900
Test Type: TYPE C	Distance: 14.073 m
Temperature: 22.7 °C	Humidity: 49
Operator: LEO	Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 4.0 lx

— (1%): 0.0 lx	— (2%): 0.1 lx
— (5%): 0.2 lx	— (10%): 0.4 lx
— (20%): 0.8 lx	— (50%): 2.0 lx

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Test Lab: Bay Area Compliance Laboratories Corp (UK Division): GPM-1900

Test Type: TYPE C

Distance: 14.073 m

Temperature: 22.7 °C

Humidity: 49

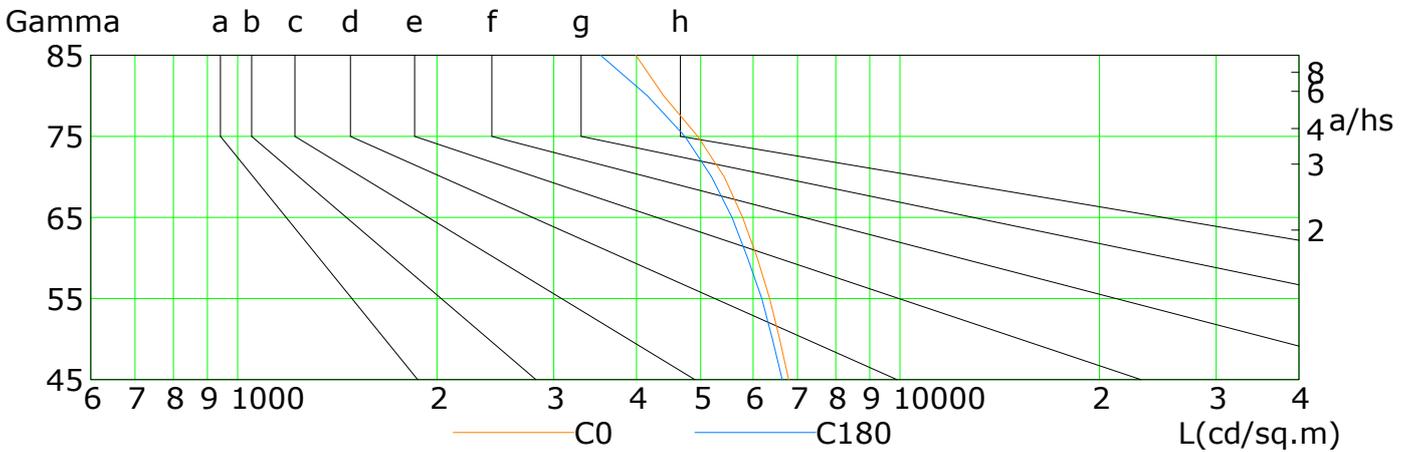
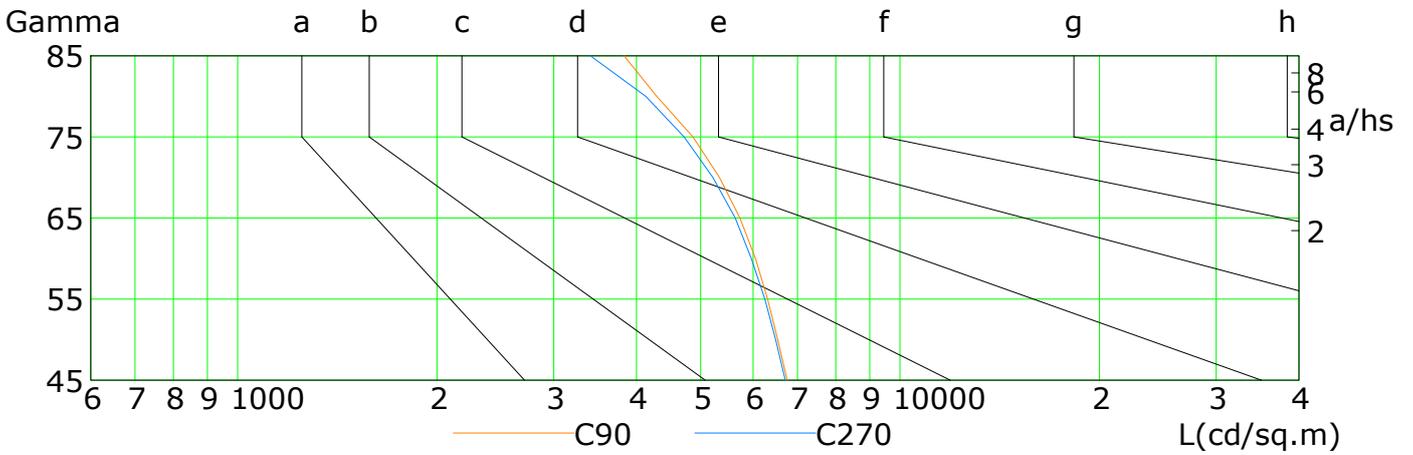
Operator: LEO

Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B								
1.85	C								
2.20	D								
2.55	E								

a b c d e f g h



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	6789	6581	6354	6089	5785	5428	4951	4396	3992
C90	6754	6535	6308	6049	5730	5337	4868	4292	3832
C180	6637	6418	6183	5887	5576	5194	4734	4154	3531
C270	6709	6488	6250	5963	5639	5218	4721	4132	3409

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Device: GPM-1900

Test Type: TYPE C

Distance: 14.073 m

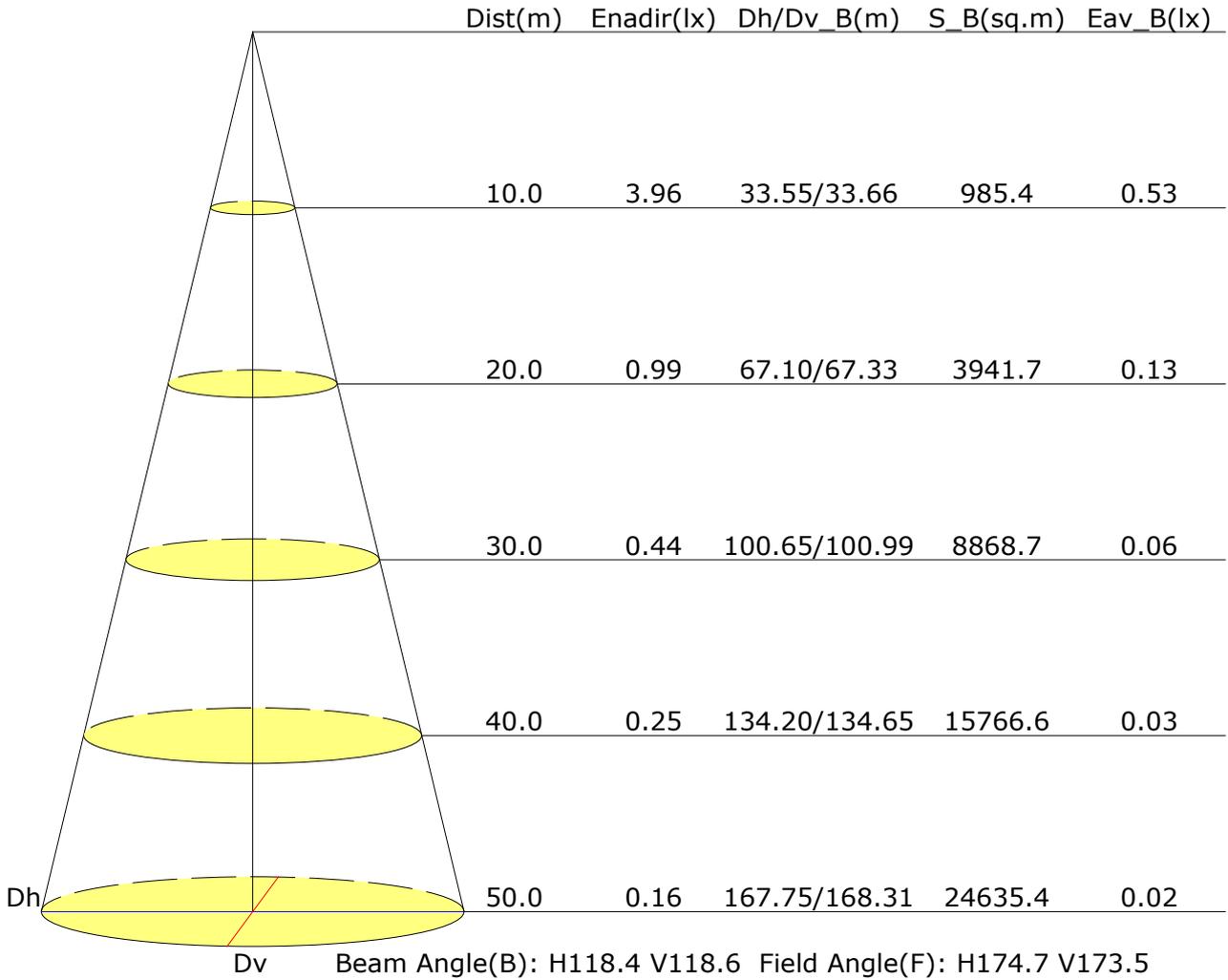
Temperature: 22.7 °C

Humidity: 49

Operator: LEO

Inspector:

Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) Test Device: GPM-1900

Test Type: TYPE C

Temperature: 22.7 °C

Operator: LEO

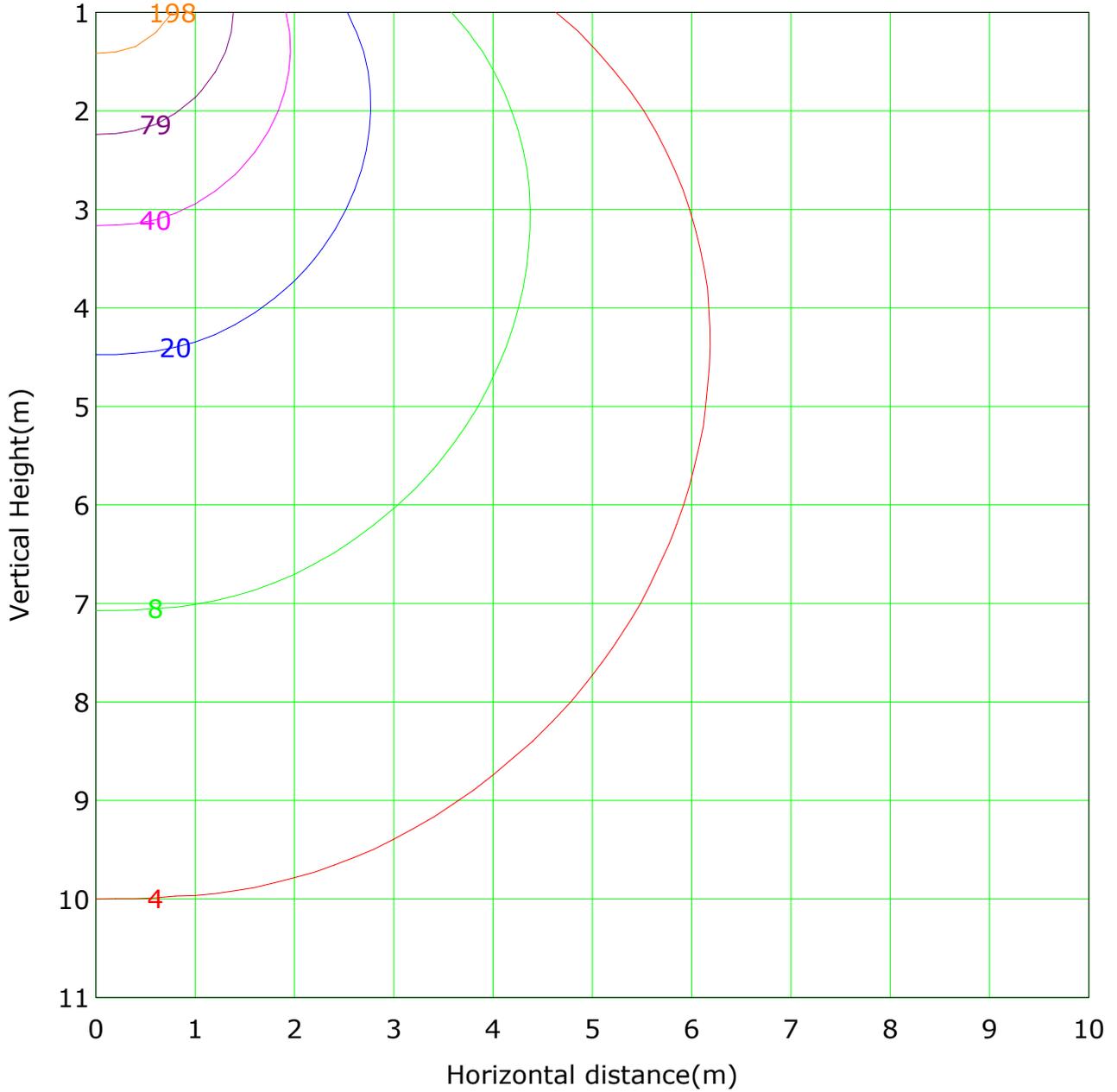
Gamma Plane (°):0.0-180.0:1.0

Distance: 14.073 m

Humidity: 49

Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 395.9 lx
 (1%): 4.0 lx (2%): 7.9 lx
 (5%): 19.8 lx (10%): 39.6 lx
 (20%): 79.2 lx (50%): 197.9 lx

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C

Temperature: 22.7 °C

Operator: LEO

Test Device: GPM-1900

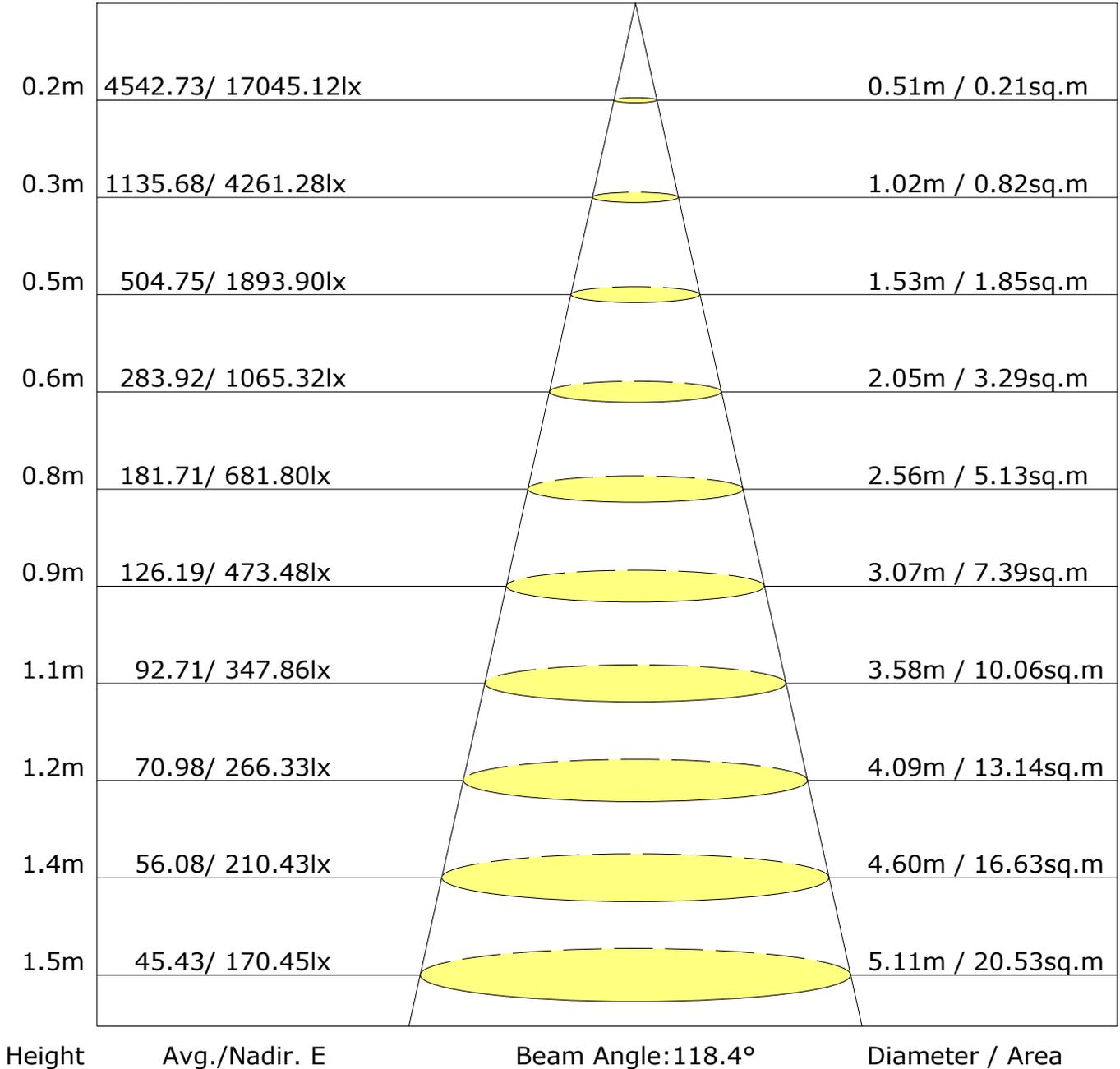
Distance: 14.073 m

Humidity: 49

Inspector:

The Average Illuminance Effective Figure

Flux Out: 932.74lm



UGR Table

Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	18.2	19.4	18.6	19.9	20.4	18.1	19.4	18.6	19.9	20.4
3H	19.8	20.9	20.3	21.4	22.0	19.7	20.9	20.2	21.4	21.9
4H	20.5	21.6	21.0	22.1	22.6	20.4	21.5	20.9	22.0	22.6
6H	21.0	22.0	21.6	22.6	23.2	20.9	21.9	21.5	22.5	23.1
8H	21.3	22.2	21.8	22.8	23.4	21.1	22.1	21.7	22.7	23.3
12H	21.5	22.4	22.0	22.9	23.5	21.3	22.2	21.9	22.8	23.4
X=4H Y=2H	18.8	19.9	19.3	20.4	21.0	18.8	19.9	19.3	20.4	20.9
3H	20.6	21.6	21.2	22.1	22.7	20.6	21.5	21.1	22.1	22.7
4H	21.5	22.3	22.0	22.9	23.5	21.4	22.2	22.0	22.8	23.4
6H	22.2	22.9	22.8	23.5	24.2	22.1	22.8	22.7	23.4	24.1
8H	22.5	23.1	23.1	23.7	24.4	22.3	23.0	23.0	23.6	24.3
12H	22.7	23.3	23.3	24.0	24.7	22.6	23.2	23.2	23.8	24.5
X=8H Y=4H	21.8	22.5	22.4	23.1	23.8	21.7	22.4	22.3	23.0	23.7
6H	22.7	23.2	23.3	23.9	24.6	22.6	23.1	23.2	23.8	24.5
8H	23.1	23.6	23.7	24.2	25.0	23.0	23.5	23.6	24.1	24.9
12H	23.4	23.9	24.1	24.6	25.3	23.3	23.8	24.0	24.4	25.2
X=12H Y=4H	21.8	22.4	22.4	23.0	23.8	21.8	22.4	22.4	23.0	23.7
6H	22.8	23.2	23.4	23.9	24.7	22.7	23.2	23.3	23.8	24.6
8H	23.2	23.7	23.9	24.3	25.1	23.1	23.6	23.8	24.2	25.0
Variations with the observer position at spacings:										
S=1.0H	+0.2/-0.2					+0.2/-0.2				
S=1.5H	+0.4/-0.4					+0.4/-0.5				
S=2.0H	+0.5/-0.8					+0.5/-0.8				

Calculate in accordance with CIE Pub.117. The table is revised with 1487lm ($8\log(F/F_0) = 1.4$).

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) GPM-1900

Test Type: TYPE C

Distance: 14.073 m

Temperature: 22.7 °C

Humidity: 49

Operator: LEO

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	395.9	0.4	0.4	0.03	0.03
1.0-2.0	395.9	1.1	1.5	0.08	0.10
2.0-3.0	395.9	1.9	3.4	0.13	0.23
3.0-4.0	395.9	2.7	6.1	0.18	0.41
4.0-5.0	395.7	3.4	9.5	0.23	0.64
5.0-6.0	395.8	4.2	13.6	0.28	0.92
6.0-7.0	396.1	4.9	18.5	0.33	1.25
7.0-8.0	396.2	5.7	24.2	0.38	1.63
8.0-9.0	396.0	6.4	30.6	0.43	2.06
9.0-10.0	395.4	7.2	37.8	0.48	2.54
10.0-11.0	394.7	7.9	45.7	0.53	3.07
11.0-12.0	394.0	8.6	54.3	0.58	3.65
12.0-13.0	393.2	9.3	63.6	0.63	4.28
13.0-14.0	392.2	10.0	73.7	0.68	4.95
14.0-15.0	391.0	10.7	84.4	0.72	5.68
15.0-16.0	389.6	11.4	95.8	0.77	6.44
16.0-17.0	388.0	12.1	107.9	0.81	7.26
17.0-18.0	386.3	12.7	120.6	0.86	8.11
18.0-19.0	384.2	13.4	134.0	0.90	9.01
19.0-20.0	381.9	14.0	148.0	0.94	9.95
20.0-21.0	379.6	14.6	162.6	0.98	10.93
21.0-22.0	377.0	15.2	177.7	1.02	11.95
22.0-23.0	374.3	15.7	193.4	1.06	13.01
23.0-24.0	371.4	16.2	209.7	1.09	14.10
24.0-25.0	368.4	16.8	226.4	1.13	15.23
25.0-26.0	365.2	17.2	243.7	1.16	16.38
26.0-27.0	362.0	17.7	261.4	1.19	17.58
27.0-28.0	358.6	18.2	279.5	1.22	18.80
28.0-29.0	355.2	18.6	298.1	1.25	20.05
29.0-30.0	351.5	19.0	317.1	1.28	21.32
30.0-31.0	347.8	19.4	336.4	1.30	22.62
31.0-32.0	344.1	19.7	356.2	1.33	23.95
32.0-33.0	340.2	20.0	376.2	1.35	25.30
33.0-34.0	336.2	20.3	396.6	1.37	26.67
34.0-35.0	332.0	20.6	417.2	1.39	28.05
35.0-36.0	327.8	20.9	438.0	1.40	29.46

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) Test Device: GPM-1900

Test Type: TYPE C

Temperature: 22.7 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Distance: 14.073 m

Humidity: 49

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	323.4	21.1	459.1	1.42	30.88
37.0-38.0	319.0	21.3	480.4	1.43	32.31
38.0-39.0	314.6	21.5	501.9	1.44	33.75
39.0-40.0	310.1	21.6	523.5	1.45	35.21
40.0-41.0	305.3	21.7	545.3	1.46	36.67
41.0-42.0	300.6	21.8	567.1	1.47	38.14
42.0-43.0	295.9	21.9	589.1	1.47	39.61
43.0-44.0	291.0	22.0	611.0	1.48	41.09
44.0-45.0	286.0	22.0	633.0	1.48	42.57
45.0-46.0	281.0	22.0	655.0	1.48	44.04
46.0-47.0	275.9	21.9	676.9	1.48	45.52
47.0-48.0	270.8	21.9	698.8	1.47	46.99
48.0-49.0	265.5	21.8	720.6	1.47	48.46
49.0-50.0	260.2	21.7	742.3	1.46	49.92
50.0-51.0	254.9	21.6	763.9	1.45	51.37
51.0-52.0	249.5	21.4	785.3	1.44	52.81
52.0-53.0	244.2	21.2	806.6	1.43	54.24
53.0-54.0	238.6	21.0	827.6	1.41	55.65
54.0-55.0	233.1	20.8	848.4	1.40	57.05
55.0-56.0	227.5	20.6	869.0	1.38	58.43
56.0-57.0	221.7	20.3	889.2	1.36	59.80
57.0-58.0	216.0	20.0	909.2	1.34	61.14
58.0-59.0	210.3	19.7	928.9	1.32	62.46
59.0-60.0	204.4	19.3	948.2	1.30	63.76
60.0-61.0	198.4	18.9	967.1	1.27	65.03
61.0-62.0	192.5	18.6	985.7	1.25	66.28
62.0-63.0	186.6	18.1	1003.8	1.22	67.50
63.0-64.0	180.6	17.7	1021.5	1.19	68.69
64.0-65.0	174.6	17.3	1038.8	1.16	69.86
65.0-66.0	168.4	16.8	1055.6	1.13	70.99
66.0-67.0	162.3	16.3	1071.9	1.10	72.08
67.0-68.0	156.1	15.8	1087.8	1.06	73.15
68.0-69.0	150.0	15.3	1103.1	1.03	74.18
69.0-70.0	143.8	14.8	1117.8	0.99	75.17
70.0-71.0	137.7	14.2	1132.1	0.96	76.13
71.0-72.0	131.6	13.7	1145.8	0.92	77.05

C Plane (°):0.0-360.0: 22.5	Gamma Plane (°):0.0-180.0:1.0
Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)	Test Device: GPM-1900
Test Type: TYPE C	Distance: 14.073 m
Temperature: 22.7 °C	Humidity: 49
Operator: LEO	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	125.4	13.1	1158.9	0.88	77.93
73.0-74.0	119.2	12.5	1171.4	0.84	78.77
74.0-75.0	113.2	12.0	1183.4	0.80	79.58
75.0-76.0	107.1	11.4	1194.7	0.76	80.34
76.0-77.0	101.2	10.8	1205.5	0.73	81.07
77.0-78.0	95.4	10.2	1215.7	0.69	81.75
78.0-79.0	89.6	9.6	1225.4	0.65	82.40
79.0-80.0	83.9	9.0	1234.4	0.61	83.01
80.0-81.0	78.6	8.5	1242.9	0.57	83.58
81.0-82.0	73.4	8.0	1250.9	0.54	84.12
82.0-83.0	68.5	7.4	1258.3	0.50	84.62
83.0-84.0	64.0	7.0	1265.3	0.47	85.09
84.0-85.0	59.1	6.4	1271.7	0.43	85.52
85.0-86.0	53.4	5.8	1277.6	0.39	85.91
86.0-87.0	48.9	5.4	1282.9	0.36	86.27
87.0-88.0	45.9	5.0	1288.0	0.34	86.61
88.0-89.0	43.3	4.8	1292.7	0.32	86.93
89.0-90.0	41.7	4.6	1297.3	0.31	87.24
90.0-91.0	40.8	4.5	1301.8	0.30	87.54
91.0-92.0	40.1	4.4	1306.2	0.30	87.83
92.0-93.0	39.8	4.4	1310.5	0.29	88.13
93.0-94.0	40.5	4.4	1314.9	0.30	88.42
94.0-95.0	42.4	4.6	1319.6	0.31	88.74
95.0-96.0	43.6	4.8	1324.3	0.32	89.06
96.0-97.0	43.6	4.7	1329.1	0.32	89.38
97.0-98.0	43.2	4.7	1333.8	0.32	89.69
98.0-99.0	42.8	4.6	1338.4	0.31	90.00
99.0-100.0	42.5	4.6	1343.0	0.31	90.31
100.0-101.0	42.1	4.5	1347.6	0.31	90.62
101.0-102.0	41.6	4.5	1352.0	0.30	90.92
102.0-103.0	41.1	4.4	1356.4	0.30	91.21
103.0-104.0	40.6	4.3	1360.8	0.29	91.51
104.0-105.0	40.1	4.3	1365.0	0.29	91.79
105.0-106.0	39.6	4.2	1369.2	0.28	92.07
106.0-107.0	39.1	4.1	1373.3	0.28	92.35
107.0-108.0	38.6	4.0	1377.4	0.27	92.62

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) Test Device: GPM-1900

Test Type: TYPE C

Temperature: 22.7 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Distance: 14.073 m

Humidity: 49

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	38.1	4.0	1381.3	0.27	92.89
109.0-110.0	37.6	3.9	1385.2	0.26	93.15
110.0-111.0	37.2	3.8	1389.0	0.26	93.41
111.0-112.0	36.7	3.7	1392.8	0.25	93.66
112.0-113.0	36.3	3.7	1396.5	0.25	93.91
113.0-114.0	35.7	3.6	1400.0	0.24	94.15
114.0-115.0	35.3	3.5	1403.6	0.24	94.38
115.0-116.0	34.8	3.4	1407.0	0.23	94.62
116.0-117.0	34.4	3.4	1410.4	0.23	94.84
117.0-118.0	33.9	3.3	1413.7	0.22	95.06
118.0-119.0	33.4	3.2	1416.9	0.22	95.28
119.0-120.0	32.9	3.1	1420.0	0.21	95.49
120.0-121.0	32.4	3.1	1423.1	0.21	95.70
121.0-122.0	31.9	3.0	1426.1	0.20	95.90
122.0-123.0	31.5	2.9	1429.0	0.20	96.09
123.0-124.0	31.0	2.8	1431.8	0.19	96.29
124.0-125.0	30.4	2.8	1434.6	0.19	96.47
125.0-126.0	30.0	2.7	1437.3	0.18	96.65
126.0-127.0	29.5	2.6	1439.9	0.17	96.82
127.0-128.0	29.0	2.5	1442.4	0.17	96.99
128.0-129.0	28.5	2.4	1444.8	0.16	97.16
129.0-130.0	27.9	2.4	1447.2	0.16	97.32
130.0-131.0	27.4	2.3	1449.5	0.15	97.47
131.0-132.0	26.9	2.2	1451.7	0.15	97.62
132.0-133.0	26.4	2.1	1453.8	0.14	97.76
133.0-134.0	25.8	2.1	1455.9	0.14	97.90
134.0-135.0	25.2	2.0	1457.8	0.13	98.03
135.0-136.0	24.7	1.9	1459.7	0.13	98.16
136.0-137.0	24.2	1.8	1461.6	0.12	98.28
137.0-138.0	23.6	1.8	1463.3	0.12	98.40
138.0-139.0	23.0	1.7	1465.0	0.11	98.51
139.0-140.0	22.5	1.6	1466.6	0.11	98.62
140.0-141.0	22.0	1.5	1468.1	0.10	98.73
141.0-142.0	21.4	1.5	1469.6	0.10	98.82
142.0-143.0	20.7	1.4	1471.0	0.09	98.92
143.0-144.0	20.1	1.3	1472.3	0.09	99.00

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) Test No: GPM-1900

Test Type: TYPE C

Temperature: 22.7 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Distance: 14.073 m

Humidity: 49

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	19.5	1.2	1473.5	0.08	99.09
145.0-146.0	19.0	1.2	1474.7	0.08	99.17
146.0-147.0	18.4	1.1	1475.8	0.07	99.24
147.0-148.0	17.8	1.0	1476.9	0.07	99.31
148.0-149.0	17.1	1.0	1477.8	0.07	99.38
149.0-150.0	16.5	0.9	1478.8	0.06	99.44
150.0-151.0	15.9	0.9	1479.6	0.06	99.50
151.0-152.0	15.3	0.8	1480.4	0.05	99.55
152.0-153.0	14.7	0.7	1481.2	0.05	99.60
153.0-154.0	14.1	0.7	1481.9	0.05	99.65
154.0-155.0	13.4	0.6	1482.5	0.04	99.69
155.0-156.0	12.7	0.6	1483.1	0.04	99.73
156.0-157.0	12.1	0.5	1483.6	0.04	99.77
157.0-158.0	11.5	0.5	1484.1	0.03	99.80
158.0-159.0	10.8	0.4	1484.5	0.03	99.83
159.0-160.0	10.1	0.4	1484.9	0.03	99.85
160.0-161.0	9.5	0.3	1485.2	0.02	99.88
161.0-162.0	8.9	0.3	1485.6	0.02	99.90
162.0-163.0	8.3	0.3	1485.8	0.02	99.92
163.0-164.0	7.6	0.2	1486.1	0.02	99.93
164.0-165.0	6.9	0.2	1486.3	0.01	99.95
165.0-166.0	6.3	0.2	1486.4	0.01	99.96
166.0-167.0	5.8	0.1	1486.6	0.01	99.97
167.0-168.0	5.2	0.1	1486.7	0.01	99.98
168.0-169.0	4.6	0.1	1486.8	0.01	99.98
169.0-170.0	3.9	0.1	1486.9	0.01	99.99
170.0-171.0	3.3	0.1	1486.9	0.00	99.99
171.0-172.0	2.7	0.0	1487.0	0.00	99.99
172.0-173.0	2.2	0.0	1487.0	0.00	100.00
173.0-174.0	1.8	0.0	1487.0	0.00	100.00
174.0-175.0	1.3	0.0	1487.1	0.00	100.00
175.0-176.0	0.8	0.0	1487.1	0.00	100.00
176.0-177.0	0.6	0.0	1487.1	0.00	100.00
177.0-178.0	0.3	0.0	1487.1	0.00	100.00
178.0-179.0	0.0	0.0	1487.1	0.00	100.00
179.0-180.0	0.0	0.0	1487.1	0.00	100.00

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) Test No: GPM-1900

Test Type: TYPE C

Temperature: 22.7 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Distance: 14.073 m

Humidity: 49

Inspector:

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	395.9	395.9	395.9	395.9	395.9	395.9	395.9	395.9	395.9	395.9
G1.0	395.8	395.9	396.1	396.7	396.0	396.0	395.8	395.6	396.2	395.8
G2.0	396.2	396.1	396.0	396.4	396.2	396.2	395.7	395.9	395.7	395.4
G3.0	396.8	396.1	395.7	396.1	396.2	395.7	395.7	395.7	395.5	395.7
G4.0	396.0	396.2	395.7	395.4	395.9	395.9	395.4	395.9	395.6	395.7
G5.0	396.2	395.2	395.1	395.4	395.5	395.2	394.9	395.3	395.9	395.7
G6.0	397.4	396.3	395.3	395.4	395.8	395.2	395.0	395.9	395.9	396.1
G7.0	397.2	396.6	396.1	396.1	396.2	396.0	394.5	395.9	395.7	396.3
G8.0	397.0	396.2	397.3	396.1	395.9	396.4	395.4	395.6	394.6	395.6
G9.0	397.0	395.7	397.6	395.1	395.0	395.1	395.3	394.8	394.4	394.9
G10.0	396.1	395.7	397.2	394.3	393.6	394.9	395.1	393.9	393.3	394.1
G11.0	395.2	394.7	396.3	393.5	393.1	393.7	394.5	393.5	392.5	393.3
G12.0	394.5	393.8	395.7	393.3	392.7	393.0	393.5	392.5	391.8	392.7
G13.0	393.5	393.4	394.8	392.2	391.1	392.2	392.8	391.2	390.0	391.6
G14.0	391.8	392.2	393.7	391.8	389.7	391.4	391.6	390.5	389.0	390.9
G15.0	390.3	391.0	392.4	390.3	388.3	390.2	390.1	389.8	386.9	389.5
G16.0	388.8	390.2	390.7	389.3	386.7	388.9	388.9	388.5	385.2	387.9
G17.0	386.7	388.5	389.4	387.7	385.1	387.4	387.4	386.8	383.2	386.3
G18.0	384.3	387.0	388.9	386.2	382.7	385.7	386.3	384.5	380.6	384.0
G19.0	381.7	384.2	385.9	383.3	380.8	382.9	384.6	382.5	377.9	381.6
G20.0	379.4	382.2	384.3	381.1	378.5	381.3	382.4	379.8	374.8	379.3
G21.0	377.0	379.8	382.7	378.7	375.1	378.3	380.0	377.1	372.5	376.9
G22.0	373.5	377.7	380.2	376.4	372.2	375.8	377.6	374.8	368.9	373.9
G23.0	371.0	374.7	377.4	373.5	369.2	373.8	375.6	372.5	365.9	371.0
G24.0	367.7	371.2	375.6	370.5	365.8	370.5	372.3	369.2	362.8	368.1
G25.0	364.5	369.0	371.8	367.7	362.5	367.6	369.4	365.6	359.2	365.0
G26.0	360.9	365.3	369.1	364.7	359.1	364.4	366.9	362.7	355.6	362.4
G27.0	358.0	361.8	365.5	361.8	355.5	360.7	363.5	359.3	352.4	359.1
G28.0	354.8	358.7	362.7	358.7	352.4	357.3	360.3	355.8	348.6	355.2
G29.0	350.9	355.5	359.3	355.1	348.8	354.1	356.1	352.5	344.8	351.9
G30.0	347.0	351.4	355.3	351.7	344.7	350.5	352.8	348.4	340.7	348.0
G31.0	343.4	348.2	351.3	348.4	340.8	347.5	348.8	345.1	336.6	344.4
G32.0	339.4	345.0	347.4	344.0	336.7	343.3	345.2	341.2	333.1	340.7
G33.0	334.9	341.1	344.0	340.8	333.0	339.7	341.3	337.8	328.8	336.4
G34.0	330.9	337.0	340.0	336.2	328.4	335.3	337.3	333.8	324.8	332.5
G35.0	326.6	332.7	335.9	332.3	324.2	331.6	332.9	329.9	320.0	328.4
G36.0	322.0	328.3	331.6	328.6	319.7	327.2	328.9	325.2	315.8	324.1

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) Test Device: GPM-1900

Test Type: TYPE C

Distance: 14.073 m

Temperature: 22.7 °C

Humidity: 49

Operator: LEO

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	317.8	324.8	327.2	323.6	315.2	323.1	324.2	321.0	311.5	319.4
G38.0	313.6	320.2	322.5	319.5	310.6	318.9	319.9	316.5	307.0	315.3
G39.0	308.8	315.6	318.1	315.1	306.0	314.4	315.8	312.2	302.7	310.7
G40.0	303.3	311.3	313.7	310.5	301.7	309.2	311.1	307.9	297.2	306.6
G41.0	298.6	306.5	309.0	306.0	297.4	304.5	306.0	302.8	292.3	301.4
G42.0	294.3	301.9	304.7	301.9	292.4	300.0	301.3	298.5	287.8	296.7
G43.0	289.2	297.0	300.0	296.5	287.7	295.2	296.1	293.8	283.0	292.1
G44.0	284.1	292.6	294.5	291.6	282.5	290.6	291.5	288.5	277.7	287.0
G45.0	279.2	286.8	289.8	286.3	277.8	285.5	287.3	283.5	273.0	281.9
G46.0	274.0	282.2	284.5	281.9	272.4	280.2	281.5	279.0	268.0	276.8
G47.0	268.6	277.6	279.8	276.7	266.9	275.6	277.0	273.7	262.8	272.0
G48.0	263.4	271.8	274.8	271.7	262.3	270.5	271.4	268.9	257.1	266.7
G49.0	258.5	266.5	269.1	266.1	257.0	265.1	266.1	263.6	252.0	262.0
G50.0	253.2	261.3	264.0	261.5	251.5	259.4	261.4	258.5	247.0	256.1
G51.0	247.0	256.0	259.0	255.9	246.0	254.5	256.1	253.3	241.6	250.8
G52.0	241.7	251.3	253.7	250.2	240.9	249.0	251.1	247.6	236.2	245.6
G53.0	236.7	244.9	248.4	244.9	235.0	243.4	245.6	242.4	230.8	240.2
G54.0	231.3	239.5	242.7	239.0	230.1	238.1	239.2	236.7	225.3	234.4
G55.0	225.8	234.3	237.2	233.6	224.2	232.7	234.3	231.4	219.7	228.7
G56.0	220.2	228.2	232.0	227.5	218.9	227.0	228.7	226.1	214.2	223.3
G57.0	214.4	222.9	226.0	222.0	212.5	221.3	222.4	219.2	208.2	217.7
G58.0	209.3	217.2	220.2	216.9	207.1	215.6	217.3	213.8	202.7	211.6
G59.0	203.4	211.6	214.5	210.8	201.1	210.1	211.3	208.4	196.8	206.0
G60.0	196.9	205.7	209.0	205.1	195.6	204.0	205.8	202.3	190.3	200.2
G61.0	191.2	199.5	203.7	199.4	189.5	197.4	199.5	195.8	184.7	193.9
G62.0	185.2	193.7	197.2	193.2	183.5	191.6	193.9	190.4	178.8	188.0
G63.0	179.1	188.2	191.3	187.2	177.5	185.5	188.2	184.4	173.4	182.1
G64.0	173.4	182.1	185.0	181.0	171.8	179.7	182.2	178.7	167.0	176.5
G65.0	167.1	175.3	179.5	174.8	165.5	173.5	176.2	172.8	161.0	170.3
G66.0	161.1	169.1	172.7	169.1	160.0	167.6	169.9	165.8	155.1	164.0
G67.0	154.7	163.3	166.7	162.5	153.2	161.5	164.0	159.9	149.3	157.6
G68.0	148.9	157.0	161.0	156.6	147.2	155.2	158.4	154.2	142.7	151.9
G69.0	142.9	151.2	154.5	150.5	140.4	149.2	151.8	147.8	136.8	145.0
G70.0	136.8	145.0	148.3	144.6	134.5	143.3	145.5	141.9	130.9	138.7
G71.0	130.6	138.8	142.1	138.5	128.1	137.0	139.9	135.7	124.9	133.8
G72.0	124.2	132.4	136.4	132.2	122.0	131.0	133.6	129.5	119.0	127.3
G73.0	117.9	126.1	130.0	125.2	116.7	124.4	126.9	123.6	112.3	120.7

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) (Kunshan) GPM-1900

Test Type: TYPE C

Distance: 14.073 m

Temperature: 22.7 °C

Humidity: 49

Operator: LEO

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	111.9	120.6	123.9	119.5	109.8	118.5	121.3	117.8	106.2	114.9
G75.0	105.6	114.4	117.7	113.0	103.9	113.1	115.0	111.6	101.0	109.1
G76.0	100.2	107.9	112.1	107.1	97.7	106.6	109.3	105.8	95.0	103.2
G77.0	93.8	102.3	105.6	101.8	92.1	100.5	103.5	99.9	88.7	97.4
G78.0	87.7	96.5	100.6	95.3	86.3	94.5	98.1	94.6	83.0	91.3
G79.0	82.4	90.7	94.1	89.7	79.6	89.3	92.2	88.4	77.9	85.5
G80.0	76.1	85.1	88.5	84.0	74.3	84.4	87.0	83.0	71.9	80.5
G81.0	70.8	79.3	83.2	78.7	69.2	78.2	81.4	78.2	67.1	75.6
G82.0	65.9	74.5	77.8	73.9	63.6	73.8	76.6	72.2	61.8	70.6
G83.0	61.4	70.1	73.2	68.9	59.0	68.8	72.3	68.2	57.6	65.7
G84.0	56.9	65.3	68.5	64.6	54.6	64.1	67.6	64.0	53.2	61.5
G85.0	52.5	61.2	64.8	59.8	50.4	59.8	64.0	59.9	46.4	54.5
G86.0	45.8	54.2	57.5	52.9	43.5	52.9	56.1	52.4	43.1	50.8
G87.0	42.8	51.4	54.0	49.5	40.3	49.5	53.5	49.2	39.3	47.0
G88.0	39.2	47.2	50.7	46.0	37.1	46.7	49.9	46.4	37.6	45.0
G89.0	37.0	45.3	47.5	43.7	35.4	43.9	47.3	44.4	35.5	42.8
G90.0	34.8	43.2	46.0	41.7	34.0	42.7	46.5	42.7	34.7	42.4
G91.0	34.3	42.3	45.2	41.3	33.6	41.5	45.0	41.9	34.2	41.4
G92.0	33.5	41.4	44.3	40.6	32.9	41.6	44.6	41.2	33.0	40.6
G93.0	33.0	40.8	44.1	40.5	32.8	40.9	44.4	40.8	33.1	40.8
G94.0	32.6	41.0	44.3	40.7	32.9	42.0	44.8	41.3	36.1	44.0
G95.0	36.1	44.3	47.9	43.5	35.2	44.7	48.7	44.9	36.1	45.5
G96.0	35.4	45.0	48.6	44.3	36.1	45.3	48.9	44.6	35.3	45.2
G97.0	34.1	44.8	48.6	44.5	36.1	45.1	49.0	44.9	33.9	45.0
G98.0	32.0	45.0	48.6	44.2	36.3	44.9	48.8	45.1	32.4	44.7
G99.0	31.3	44.4	48.5	44.3	35.9	44.7	48.5	44.3	31.6	44.5
G100.0	31.0	44.2	47.9	43.9	36.2	44.0	48.1	43.9	31.8	44.1
G101.0	31.0	44.0	47.5	43.5	35.4	44.0	47.5	43.2	31.1	43.6
G102.0	30.8	43.7	47.2	42.6	35.2	43.3	47.4	42.5	30.9	43.7
G103.0	30.3	42.8	46.6	42.3	35.0	43.1	46.9	41.1	30.9	42.7
G104.0	30.2	42.5	46.1	42.2	34.8	42.8	46.5	40.0	30.5	42.0
G105.0	30.2	41.7	46.0	42.0	34.2	42.1	45.9	38.7	30.5	41.3
G106.0	30.1	41.0	45.8	41.3	34.3	42.2	45.5	37.8	29.9	40.4
G107.0	29.8	40.0	45.0	41.1	33.8	41.8	45.4	37.4	29.2	39.5
G108.0	29.5	39.4	44.5	40.9	33.7	41.2	45.1	36.6	29.8	38.1
G109.0	29.0	38.3	44.3	40.3	33.3	41.1	44.1	36.3	29.4	37.3
G110.0	29.1	37.0	43.8	39.9	33.0	40.7	43.8	35.9	29.0	36.4

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) Test Device: GPM-1900

Test Type: TYPE C

Distance: 14.073 m

Temperature: 22.7 °C

Humidity: 49

Operator: LEO

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	28.7	36.3	43.3	39.4	33.1	40.2	43.2	35.3	28.8	35.5
G112.0	28.2	36.2	43.0	39.3	32.3	39.6	42.4	34.9	28.5	34.8
G113.0	28.1	35.3	42.5	38.5	32.2	39.2	41.4	34.2	28.1	33.9
G114.0	28.2	34.5	41.5	38.0	31.9	38.8	41.0	34.4	27.4	33.6
G115.0	27.8	34.2	40.7	38.1	31.5	38.6	40.3	33.8	27.6	33.2
G116.0	27.3	33.7	40.5	37.3	31.6	38.1	39.6	33.8	27.0	32.9
G117.0	27.4	33.6	39.6	37.1	31.0	37.4	39.0	32.9	26.7	32.3
G118.0	27.1	32.7	39.0	36.5	31.0	37.1	38.4	32.6	26.6	31.8
G119.0	26.7	32.5	38.6	36.1	30.4	36.7	37.7	32.3	25.9	31.4
G120.0	26.3	31.9	37.5	35.4	30.1	36.0	36.6	32.0	25.8	31.2
G121.0	26.5	31.6	37.4	34.6	29.7	35.7	35.8	31.5	25.6	30.8
G122.0	25.7	31.5	36.1	34.2	29.5	34.5	35.6	31.2	25.4	29.9
G123.0	25.2	31.0	35.5	34.3	28.7	34.9	35.1	30.4	25.3	29.8
G124.0	25.6	30.1	34.7	33.2	28.3	33.9	34.6	30.1	24.7	29.7
G125.0	24.6	30.0	34.0	32.7	28.0	33.3	33.8	29.9	24.6	29.0
G126.0	24.4	29.9	33.4	32.0	27.8	32.2	33.3	29.4	24.2	28.2
G127.0	24.2	28.6	32.7	31.7	27.2	32.0	32.8	29.2	24.0	28.4
G128.0	23.8	28.5	32.1	30.9	27.2	31.4	32.3	28.1	23.7	27.7
G129.0	23.1	28.3	31.7	30.4	27.0	30.8	31.5	28.3	23.0	27.4
G130.0	22.6	27.5	31.1	29.6	26.1	30.5	31.2	27.5	22.6	27.0
G131.0	22.7	26.9	30.5	29.3	25.8	29.4	30.1	27.4	22.5	26.1
G132.0	22.2	27.1	29.8	28.7	25.0	29.0	30.1	27.3	22.4	25.7
G133.0	22.0	26.1	29.0	27.8	25.1	28.5	29.3	26.4	21.6	25.3
G134.0	21.7	25.6	28.5	27.5	24.3	27.8	28.5	25.7	21.3	24.9
G135.0	21.0	25.2	28.1	26.7	23.9	27.1	28.0	25.2	21.0	24.1
G136.0	20.7	24.5	27.3	26.1	23.1	26.5	27.6	24.6	20.6	24.0
G137.0	20.2	24.1	26.6	25.9	23.0	25.9	26.7	24.3	20.2	23.5
G138.0	20.0	23.7	25.8	24.4	22.2	25.4	26.1	23.4	19.5	23.2
G139.0	19.4	22.7	25.2	24.1	22.1	24.5	25.8	22.9	19.3	21.9
G140.0	18.9	22.3	24.5	23.7	21.3	24.0	25.0	22.3	18.7	21.4
G141.0	18.6	21.8	24.2	22.7	20.9	23.5	24.4	21.9	18.5	21.0
G142.0	17.4	21.0	23.3	22.5	20.4	22.8	23.4	21.0	18.3	20.8
G143.0	17.4	20.6	22.8	21.6	20.2	22.0	22.9	20.6	17.6	20.2
G144.0	16.8	20.0	22.0	20.8	19.4	21.5	22.4	20.2	16.7	19.5
G145.0	16.4	19.6	21.6	20.1	18.4	20.8	21.8	19.8	16.1	18.8
G146.0	15.7	18.8	21.1	19.5	18.3	20.2	21.0	18.8	15.8	18.4
G147.0	15.6	18.1	19.9	19.1	17.7	19.3	20.0	18.3	15.7	17.9

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) (Shanghai) GPM-1900

Test Type: TYPE C

Distance: 14.073 m

Temperature: 22.7 °C

Humidity: 49

Operator: LEO

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	14.7	17.8	19.5	18.2	16.9	18.7	19.5	17.3	15.0	17.3
G149.0	14.4	17.1	18.7	17.9	16.4	18.2	18.6	17.1	14.5	16.6
G150.0	13.9	16.3	18.0	16.9	16.0	17.8	18.1	16.3	13.8	15.9
G151.0	13.5	15.7	17.4	16.5	15.0	17.0	17.3	16.2	13.7	15.6
G152.0	12.8	14.9	16.4	15.5	15.0	16.3	16.4	15.5	13.2	14.4
G153.0	12.8	14.2	15.6	14.7	14.2	15.9	16.2	14.7	12.8	14.0
G154.0	12.0	13.8	14.7	14.1	13.8	14.6	14.6	14.1	12.5	13.8
G155.0	11.6	13.2	14.1	13.9	13.1	14.3	14.0	13.4	11.6	12.7
G156.0	10.9	12.6	13.8	12.9	12.7	13.2	13.1	12.4	11.3	12.0
G157.0	10.8	11.9	12.8	12.0	12.0	12.7	12.7	11.9	10.5	11.9
G158.0	9.9	11.4	12.1	11.8	11.4	12.1	12.4	11.1	10.3	11.2
G159.0	9.5	10.9	11.2	10.7	10.2	11.3	11.7	10.8	9.4	10.2
G160.0	9.2	10.4	10.5	10.3	10.0	10.3	10.7	10.0	9.7	9.2
G161.0	8.3	9.8	10.2	10.0	9.0	10.1	10.1	9.2	8.9	8.9
G162.0	8.4	8.9	9.1	9.4	8.7	9.1	9.3	9.0	7.9	8.3
G163.0	7.5	8.2	8.3	8.4	8.5	8.0	8.6	8.2	6.9	8.1
G164.0	6.8	7.4	8.2	7.8	7.8	7.6	7.8	6.5	6.6	7.1
G165.0	6.1	6.4	7.0	6.9	7.0	6.8	7.3	6.8	6.2	6.5
G166.0	5.9	6.2	6.7	6.9	7.0	6.7	6.3	6.2	5.2	6.1
G167.0	5.2	5.7	6.3	6.1	6.0	5.8	5.9	5.6	4.7	5.6
G168.0	5.0	4.9	5.3	5.4	5.2	5.6	5.2	4.5	4.3	4.9
G169.0	4.4	4.3	4.6	4.5	4.9	4.4	4.1	4.3	3.8	4.5
G170.0	3.4	3.5	4.1	3.6	4.6	3.7	3.4	3.3	3.5	4.0
G171.0	3.2	3.3	3.2	3.4	3.9	3.6	2.9	2.6	2.9	3.2
G172.0	2.6	2.4	2.4	2.8	3.3	2.9	2.5	2.3	2.4	2.3
G173.0	2.2	2.2	1.8	2.4	2.3	2.8	2.3	2.1	1.7	1.8
G174.0	1.4	1.9	1.4	1.6	2.2	2.2	1.9	1.6	1.4	1.8
G175.0	0.7	1.0	1.1	1.4	1.7	1.8	1.4	1.0	0.0	0.0
G176.0	0.0	0.0	0.0	1.2	1.4	1.6	1.5	0.0	0.0	0.0
G177.0	0.0	0.0	0.0	0.9	1.1	1.3	0.9	0.9	0.0	0.0
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G179.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) Test No: GPM-1900

Test Type: TYPE C

Distance: 14.073 m

Temperature: 22.7 °C

Humidity: 49

Operator: LEO

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	395.9	395.9	395.9	395.9	395.9	395.9	395.9			
G1.0	395.6	396.0	395.9	396.1	395.6	395.7	395.8			
G2.0	395.8	396.2	396.0	396.3	395.2	395.5	396.2			
G3.0	395.8	395.8	396.1	396.5	395.3	395.8	396.8			
G4.0	395.6	395.9	396.1	396.4	395.8	395.5	396.0			
G5.0	395.8	396.2	396.7	396.6	395.3	395.7	396.2			
G6.0	395.4	396.5	396.4	396.9	395.5	396.6	397.4			
G7.0	396.1	396.4	396.3	397.1	396.7	396.7	397.2			
G8.0	396.5	395.7	396.5	397.1	396.9	396.3	397.0			
G9.0	396.6	395.3	395.9	396.2	396.7	396.2	397.0			
G10.0	396.0	394.3	395.1	395.7	396.2	395.2	396.1			
G11.0	395.4	393.7	394.0	394.8	396.0	395.1	395.2			
G12.0	394.9	393.2	392.6	394.5	395.2	394.6	394.5			
G13.0	393.8	392.3	391.7	394.1	394.2	393.4	393.5			
G14.0	392.4	391.6	390.6	393.2	393.7	393.3	391.8			
G15.0	391.3	390.5	388.4	392.3	392.7	391.4	390.3			
G16.0	390.2	388.8	386.8	390.2	391.3	389.9	388.8			
G17.0	388.8	386.9	384.5	388.6	389.7	388.0	386.7			
G18.0	386.7	385.0	382.5	386.7	388.0	386.2	384.3			
G19.0	384.9	383.0	379.6	385.0	386.4	383.8	381.7			
G20.0	383.1	380.8	376.5	382.8	384.7	381.5	379.4			
G21.0	380.8	378.3	374.4	380.3	382.2	378.9	377.0			
G22.0	378.7	375.6	371.6	377.1	379.8	376.6	373.5			
G23.0	375.6	372.6	368.3	374.5	377.0	373.6	371.0			
G24.0	373.0	369.9	365.5	371.5	374.5	370.8	367.7			
G25.0	369.8	366.7	362.7	368.4	371.5	367.7	364.5			
G26.0	366.7	363.3	358.7	365.2	368.2	364.8	360.9			
G27.0	363.5	359.9	355.5	362.3	365.1	361.5	358.0			
G28.0	360.1	356.8	351.2	359.1	361.8	357.6	354.8			
G29.0	356.6	353.2	348.0	355.5	358.1	354.0	350.9			
G30.0	352.4	349.7	344.1	351.7	354.5	350.5	347.0			
G31.0	348.8	345.8	340.5	347.9	350.8	347.2	343.4			
G32.0	344.9	342.4	335.9	344.2	347.2	343.3	339.4			
G33.0	340.8	338.1	331.8	340.3	343.4	339.4	334.9			
G34.0	336.9	334.4	327.5	336.4	338.7	335.7	330.9			
G35.0	332.6	329.8	323.8	332.5	334.5	331.4	326.6			
G36.0	328.5	325.9	318.7	328.3	330.6	327.2	322.0			

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) Test Device: GPM-1900

Test Type: TYPE C

Distance: 14.073 m

Temperature: 22.7 °C

Humidity: 49

Operator: LEO

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	323.2	321.6	314.2	324.0	326.1	322.7	317.8			
G38.0	319.0	317.1	310.0	319.0	321.7	318.4	313.6			
G39.0	314.8	312.5	305.3	315.1	317.2	313.8	308.8			
G40.0	310.2	308.1	300.6	310.1	312.8	309.3	303.3			
G41.0	305.5	303.4	295.7	305.5	308.0	304.2	298.6			
G42.0	300.7	298.7	290.8	301.1	302.7	299.7	294.3			
G43.0	295.7	294.0	286.3	295.9	297.6	295.1	289.2			
G44.0	291.0	288.7	281.1	290.8	293.2	290.4	284.1			
G45.0	285.6	284.0	275.9	286.0	288.4	284.8	279.2			
G46.0	280.8	278.9	270.9	280.9	282.7	279.8	274.0			
G47.0	275.6	273.8	265.9	275.3	277.9	274.7	268.6			
G48.0	270.7	267.9	260.7	270.2	272.8	269.7	263.4			
G49.0	265.5	262.9	254.8	265.0	267.3	264.4	258.5			
G50.0	259.6	257.8	249.6	259.6	261.9	259.1	253.2			
G51.0	254.2	252.2	244.4	253.8	256.4	253.8	247.0			
G52.0	249.1	246.5	238.9	248.7	251.3	248.4	241.7			
G53.0	243.9	241.6	232.8	243.3	245.9	243.0	236.7			
G54.0	238.3	236.0	227.6	237.4	240.3	237.3	231.3			
G55.0	232.5	230.4	222.1	231.6	234.2	231.8	225.8			
G56.0	227.0	224.4	216.5	225.7	228.6	226.1	220.2			
G57.0	221.2	218.7	210.1	220.4	222.9	219.7	214.4			
G58.0	215.9	213.1	204.4	214.5	217.3	214.2	209.3			
G59.0	209.8	207.4	198.8	208.8	211.4	208.5	203.4			
G60.0	203.7	201.3	192.8	202.5	205.4	202.9	196.9			
G61.0	198.2	195.3	186.7	196.5	199.3	196.4	191.2			
G62.0	191.6	189.4	180.7	190.5	194.1	190.9	185.2			
G63.0	186.0	183.4	174.6	184.2	187.4	185.1	179.1			
G64.0	180.0	177.2	168.8	178.3	181.2	179.2	173.4			
G65.0	174.0	170.9	162.8	172.3	175.7	172.4	167.1			
G66.0	168.0	165.0	156.3	166.2	169.7	166.2	161.1			
G67.0	161.8	158.9	150.5	159.4	162.8	160.2	154.7			
G68.0	155.4	153.1	144.4	153.3	156.6	154.0	148.9			
G69.0	149.6	146.8	137.5	147.4	150.7	147.5	142.9			
G70.0	143.0	140.8	131.5	141.2	144.3	141.8	136.8			
G71.0	136.7	134.4	125.4	134.6	138.4	136.0	130.6			
G72.0	131.0	127.8	119.1	128.5	132.3	129.7	124.2			
G73.0	125.0	121.9	112.7	122.5	126.1	123.3	117.9			

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) Test Device: GPM-1900

Test Type: TYPE C

Distance: 14.073 m

Temperature: 22.7 °C

Humidity: 49

Operator: LEO

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	118.5	115.6	106.8	116.4	120.1	117.2	111.9			
G75.0	112.4	109.4	100.7	109.9	113.9	111.1	105.6			
G76.0	107.0	103.2	94.9	104.0	107.7	105.2	100.2			
G77.0	100.7	97.3	89.0	98.3	102.2	99.7	93.8			
G78.0	95.5	91.7	82.9	92.7	96.5	93.1	87.7			
G79.0	89.1	86.1	77.1	86.1	90.3	87.5	82.4			
G80.0	84.2	80.1	71.5	80.9	85.3	82.4	76.1			
G81.0	79.1	74.8	66.3	75.9	80.0	77.2	70.8			
G82.0	74.3	70.1	60.7	70.8	75.0	71.5	65.9			
G83.0	69.1	65.4	55.9	66.2	70.3	66.7	61.4			
G84.0	64.9	61.1	52.1	61.9	66.2	63.1	56.9			
G85.0	57.4	53.0	44.8	54.7	60.2	57.4	52.5			
G86.0	53.8	49.7	40.6	49.8	53.9	51.0	45.8			
G87.0	50.1	46.7	37.7	47.1	51.2	48.4	42.8			
G88.0	47.8	43.8	35.6	44.0	47.7	45.4	39.2			
G89.0	45.8	42.5	34.1	42.6	45.8	43.2	37.0			
G90.0	44.9	41.6	34.0	41.9	45.1	42.4	34.8			
G91.0	44.7	40.8	33.4	40.9	44.0	41.5	34.3			
G92.0	44.1	40.9	33.2	41.0	44.2	40.5	33.5			
G93.0	44.1	41.3	32.4	40.8	44.2	40.7	33.0			
G94.0	48.2	44.3	36.2	43.5	46.0	42.5	32.6			
G95.0	49.2	45.0	36.5	45.0	48.6	44.8	36.1			
G96.0	49.2	45.1	36.8	45.3	48.6	44.9	35.4			
G97.0	48.7	45.3	36.5	45.0	48.7	45.0	34.1			
G98.0	48.6	44.5	36.3	44.7	48.4	44.1	32.0			
G99.0	48.0	44.2	36.0	44.2	47.8	44.0	31.3			
G100.0	47.9	43.9	35.6	44.1	47.2	43.2	31.0			
G101.0	47.0	43.6	35.3	43.3	47.0	42.3	31.0			
G102.0	46.9	42.7	35.2	42.4	46.1	41.3	30.8			
G103.0	46.5	42.5	34.3	42.3	46.0	40.1	30.3			
G104.0	45.9	42.3	34.0	42.0	45.4	39.2	30.2			
G105.0	45.5	41.6	33.6	41.5	45.0	37.8	30.2			
G106.0	44.7	41.2	33.3	41.0	44.4	37.4	30.1			
G107.0	44.5	40.6	32.7	40.6	44.0	35.9	29.8			
G108.0	44.2	39.7	32.7	40.3	43.8	35.5	29.5			
G109.0	43.2	39.3	32.4	39.2	42.7	35.2	29.0			
G110.0	42.9	39.3	32.0	38.9	42.4	34.5	29.1			

C Plane (°):0.0-360.0: 22.5

Gamma Plane (°):0.0-180.0:1.0

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) Test Device: GPM-1900

Test Type: TYPE C

Distance: 14.073 m

Temperature: 22.7 °C

Humidity: 49

Operator: LEO

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	42.3	38.8	31.4	38.5	41.4	34.5	28.7			
G112.0	42.2	38.6	31.1	38.2	41.3	33.9	28.2			
G113.0	41.5	38.3	31.0	37.7	40.4	33.1	28.1			
G114.0	40.3	37.3	30.6	37.2	39.4	32.7	28.2			
G115.0	40.2	36.7	30.3	36.7	39.0	32.7	27.8			
G116.0	39.1	36.5	30.3	35.9	37.9	32.1	27.3			
G117.0	38.7	36.2	29.3	35.8	37.3	31.8	27.4			
G118.0	37.8	35.4	29.4	35.3	37.0	31.2	27.1			
G119.0	37.4	34.9	28.7	34.1	35.9	31.2	26.7			
G120.0	36.4	34.7	28.7	34.0	35.0	30.6	26.3			
G121.0	35.9	33.8	28.2	33.7	34.5	30.3	26.5			
G122.0	35.4	33.2	27.5	32.9	33.6	30.1	25.7			
G123.0	34.5	32.9	27.7	32.1	33.4	29.3	25.2			
G124.0	33.8	32.0	27.2	31.3	32.7	29.1	25.6			
G125.0	32.7	31.6	26.9	31.3	32.3	28.5	24.6			
G126.0	32.5	31.0	26.1	30.8	31.7	28.4	24.4			
G127.0	32.3	30.5	25.9	29.8	31.0	27.8	24.2			
G128.0	31.1	30.1	25.5	29.5	30.2	27.4	23.8			
G129.0	30.4	29.0	25.1	28.1	30.2	26.8	23.1			
G130.0	29.7	28.5	24.6	27.7	29.3	26.5	22.6			
G131.0	29.4	27.8	23.9	27.4	28.8	25.9	22.7			
G132.0	29.0	27.2	23.6	26.4	28.3	25.9	22.2			
G133.0	28.4	26.7	23.3	26.0	27.6	25.0	22.0			
G134.0	27.4	26.0	22.3	25.5	26.7	24.3	21.7			
G135.0	27.0	25.4	21.8	24.8	26.1	24.1	21.0			
G136.0	26.4	24.3	21.3	24.0	25.7	23.5	20.7			
G137.0	25.8	24.3	21.2	23.5	25.0	22.9	20.2			
G138.0	25.6	23.4	20.8	23.0	24.4	22.1	20.0			
G139.0	24.5	23.0	20.3	22.3	24.1	21.5	19.4			
G140.0	24.2	22.2	19.7	22.2	23.4	21.5	18.9			
G141.0	23.9	21.9	19.8	21.1	22.5	21.0	18.6			
G142.0	22.7	21.5	18.6	20.5	21.8	20.0	17.4			
G143.0	22.0	20.5	18.3	19.5	21.3	19.7	17.4			
G144.0	21.1	20.0	18.3	18.8	20.8	18.7	16.8			
G145.0	20.5	19.5	17.6	18.8	19.7	18.1	16.4			
G146.0	19.9	19.0	16.9	18.2	19.5	17.6	15.7			
G147.0	19.4	18.3	16.4	17.3	19.0	17.4	15.6			

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan) Test Software: GPM-1900

Test Type: TYPE C

Temperature: 22.7 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Distance: 14.073 m

Humidity: 49

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	18.9	17.3	16.1	16.7	18.4	16.6	14.7			
G149.0	18.2	16.5	16.1	16.3	17.5	15.7	14.4			
G150.0	17.5	15.9	15.2	15.6	16.4	14.9	13.9			
G151.0	17.2	15.7	14.7	14.8	16.1	14.6	13.5			
G152.0	16.3	14.9	14.1	14.4	15.0	14.3	12.8			
G153.0	15.5	14.2	13.8	13.7	14.7	13.6	12.8			
G154.0	14.9	13.8	13.1	13.5	13.9	12.9	12.0			
G155.0	13.8	12.6	12.6	12.2	13.0	12.5	11.6			
G156.0	13.7	12.5	11.5	11.6	12.8	12.0	10.9			
G157.0	12.4	11.5	11.2	11.5	11.6	11.2	10.8			
G158.0	11.8	11.0	10.7	10.8	11.0	10.1	9.9			
G159.0	11.3	10.2	10.1	10.1	10.4	9.2	9.5			
G160.0	10.3	9.3	9.4	9.6	9.2	9.2	9.2			
G161.0	9.5	8.7	8.9	8.4	8.9	8.4	8.3			
G162.0	8.9	8.4	8.4	7.5	8.3	8.4	8.4			
G163.0	8.5	8.0	7.4	6.6	7.5	7.5	7.5			
G164.0	7.5	6.8	7.4	6.7	7.2	7.2	6.8			
G165.0	6.9	6.4	6.6	6.0	5.9	6.7	6.1			
G166.0	6.3	5.6	5.9	5.4	5.3	5.8	5.9			
G167.0	5.8	5.2	5.4	4.6	4.8	5.3	5.2			
G168.0	4.7	4.6	5.1	4.5	3.6	4.6	5.0			
G169.0	4.5	3.9	4.4	3.7	3.9	4.0	4.4			
G170.0	3.6	3.1	3.5	3.0	3.3	3.1	3.4			
G171.0	3.2	2.5	2.9	2.7	2.2	3.2	3.2			
G172.0	2.1	1.8	2.3	2.1	2.1	1.9	2.6			
G173.0	2.1	2.0	2.1	1.6	1.7	2.0	2.2			
G174.0	1.0	0.7	2.0	1.4	1.4	2.0	1.4			
G175.0	0.8	0.9	1.4	1.0	0.8	1.1	0.7			
G176.0	0.7	0.7	1.2	1.0	0.9	0.8	0.0			
G177.0	0.0	0.0	1.0	0.8	1.0	0.0	0.0			
G178.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0			
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

C Plane (°):0.0-360.0: 22.5	Gamma Plane (°):0.0-180.0:1.0
Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)	Test Device: GPM-1900
Test Type: TYPE C	Distance: 14.073 m
Temperature: 22.7 °C	Humidity: 49
Operator: LEO	Inspector: