

Report No.: PKS211224012-10

Test Time: 2021/12/26 18:24

Luminaire Property

Luminaire Manufacturer: Blackjack Lighting.

Luminaire Category:

Luminaire Description: DSQ-10F-SN-12T-27W Lamp Catalog:

Lamp Description:

Number of Lamps:

Lumens per Lamp:

Luminous Length (mm): 260

Luminous Width (mm): 260

Luminous Height (mm): 40

Voltage: 120.0 V

Current: 0.161 A

Power: 18.84 W

Power Factor: 0.977

Photometric Results

CIE Class: Semi-Direct

Total Rated Lamp Lumens: 1540.7 lm

Measurement Flux: 1540.7 lm

Efficiency: 100%

Downward Ratio: 87%

Upward Ratio: 13%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 231.4, 233.1, 231.6, 227.5

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 122.7, 123.6, 123.0, 123.3

Luminaire Efficacy Rating (LER): 81.83

C0r0 Intensity: 401.8 cd

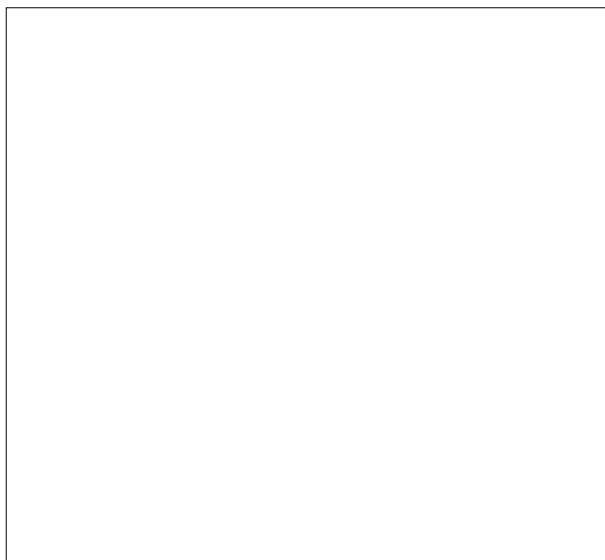
Max. Intensity: 403 cd

Pos of Max. Intensity: H247.5 V5

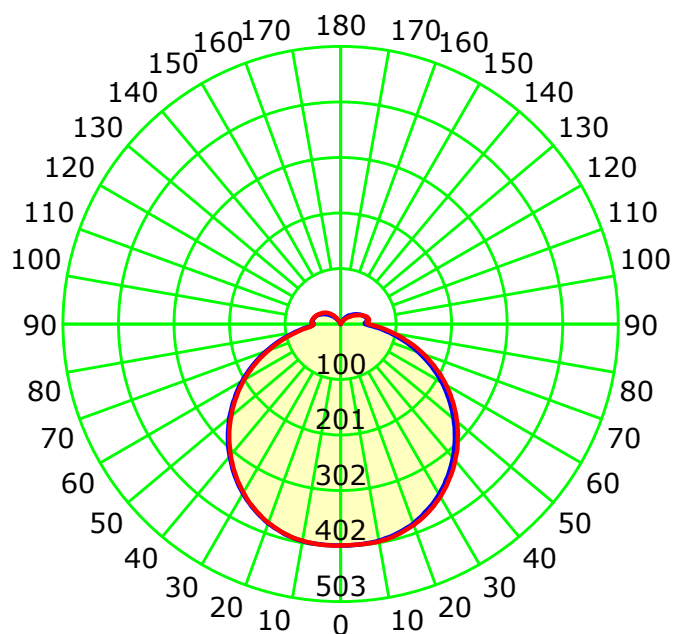
S/MH(C0/C180): 1.31

S/MH(C90/C270): 1.32

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 123.2°

— 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

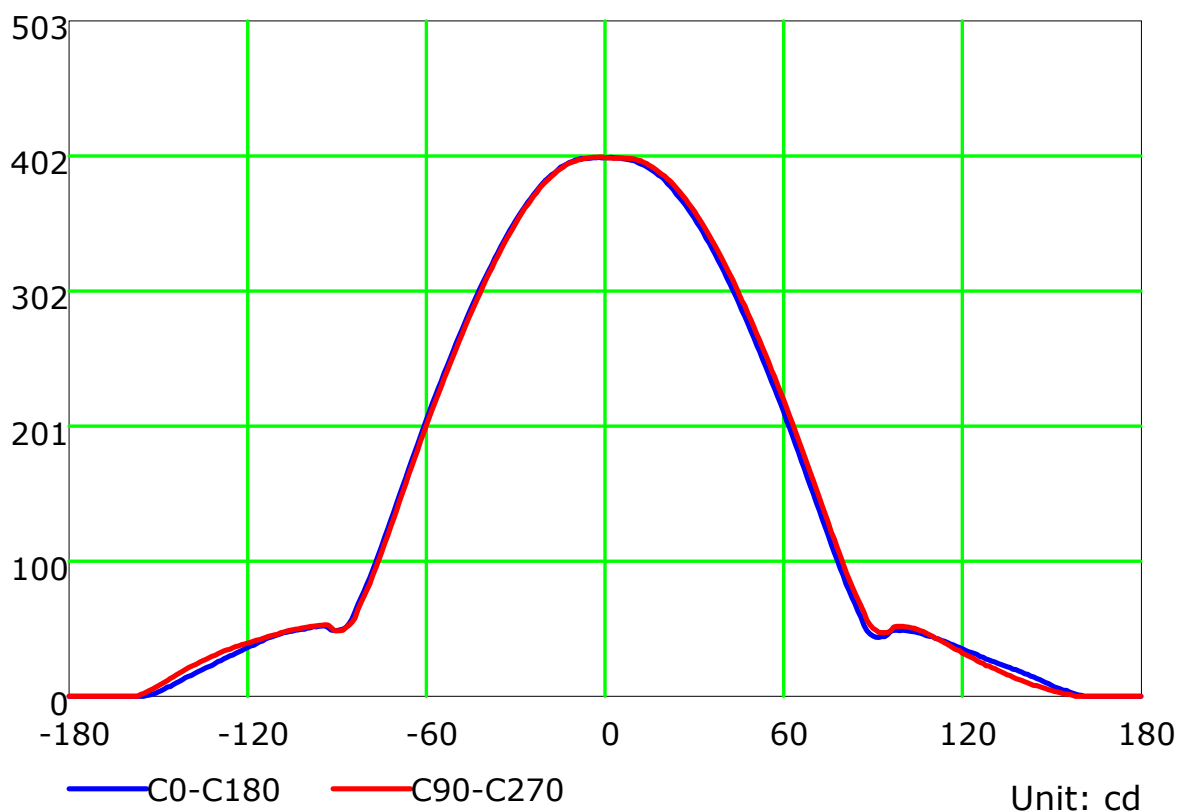
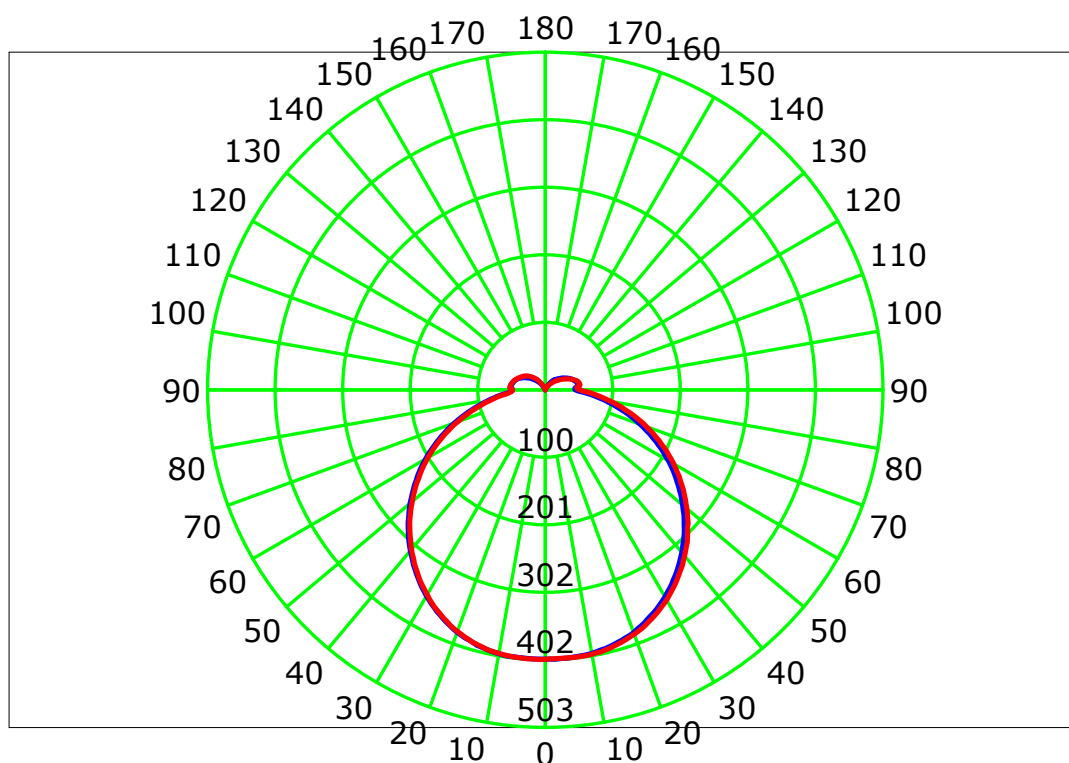
Temperature: 23.6 °C

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 Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

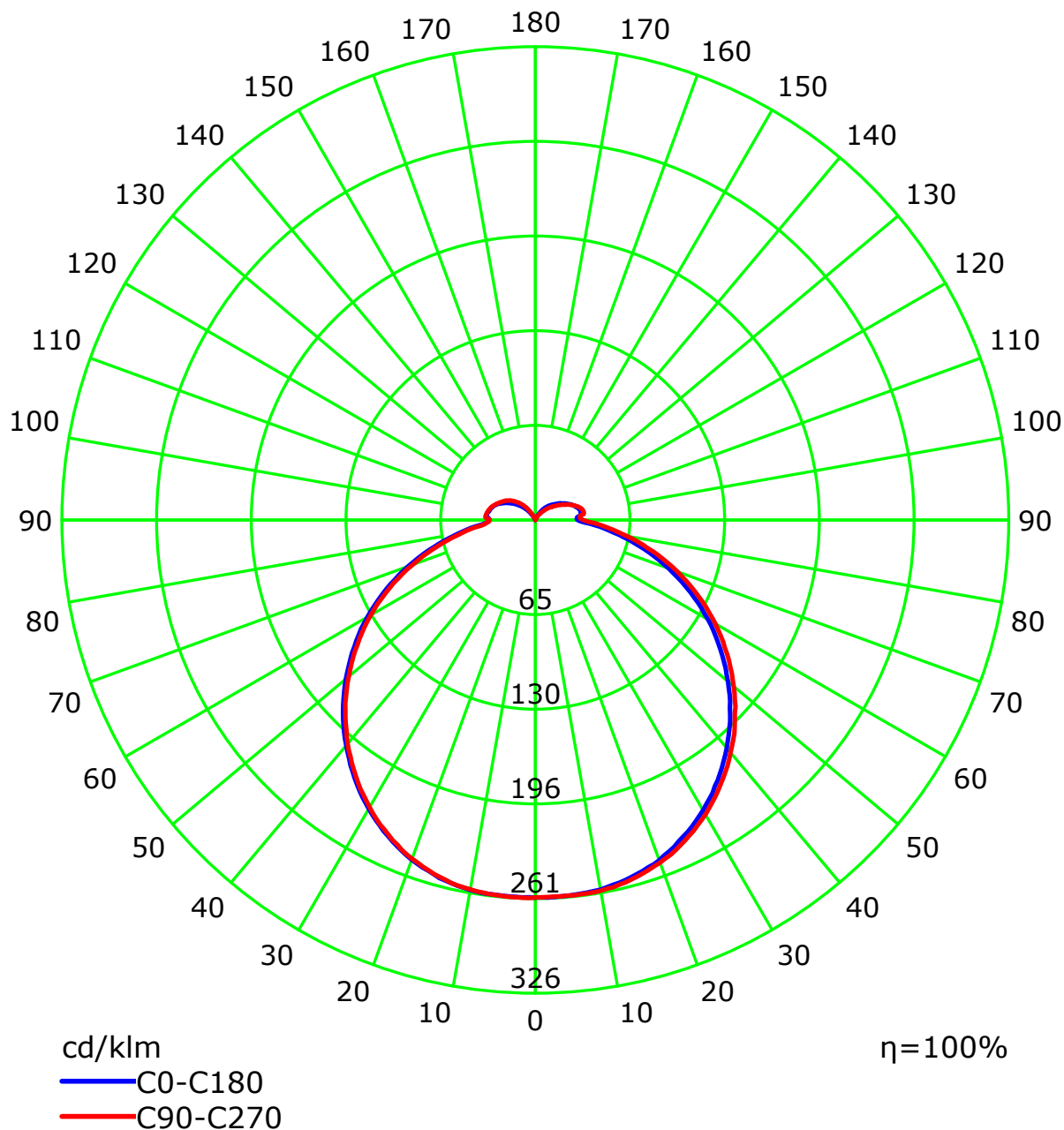
Test Device: GPM-1900

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 Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1900

Distance: 14.073 m

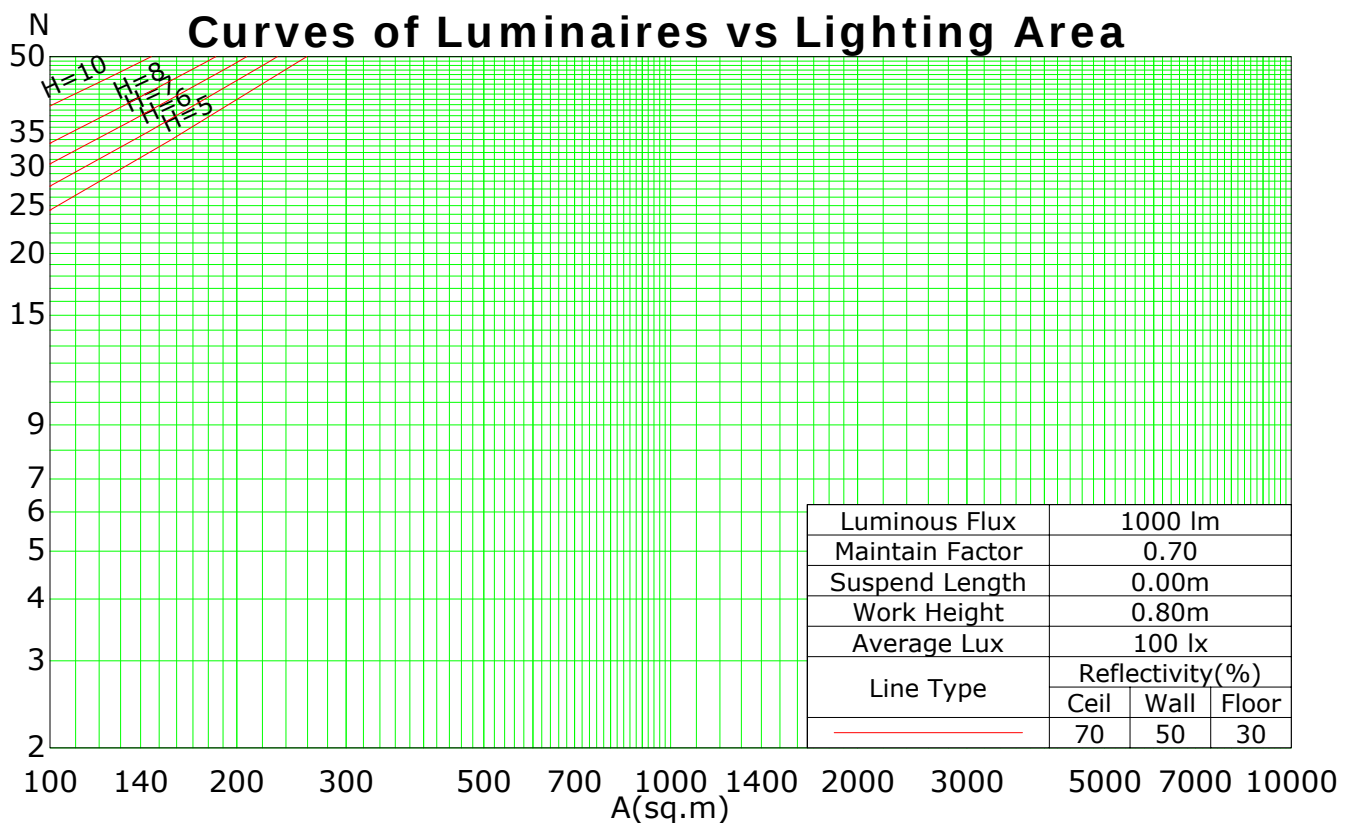
Humidity: 49

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
RCR	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	.95	.91	.87	.89	.85	.82	.83	.80	.77	.77	.75	.73	.70
2	.94	.85	.78	.72	.90	.82	.76	.70	.77	.71	.66	.71	.67	.63	.67	.63	.60	.57
3	.85	.74	.66	.59	.82	.72	.64	.58	.67	.60	.55	.63	.57	.52	.58	.54	.50	.47
4	.78	.66	.56	.49	.75	.63	.55	.48	.59	.52	.46	.55	.49	.44	.52	.47	.42	.40
5	.72	.58	.49	.42	.68	.56	.48	.41	.53	.45	.40	.50	.43	.38	.46	.41	.37	.34
6	.66	.52	.43	.37	.63	.51	.42	.36	.48	.40	.35	.45	.38	.33	.42	.36	.32	.30
7	.61	.47	.38	.32	.58	.46	.37	.32	.43	.36	.30	.41	.34	.29	.38	.33	.28	.26
8	.57	.43	.34	.28	.54	.42	.34	.28	.39	.32	.27	.37	.31	.26	.35	.29	.25	.23
9	.53	.39	.31	.25	.51	.38	.30	.25	.36	.29	.24	.34	.28	.23	.32	.27	.23	.21
10	.50	.36	.28	.23	.48	.35	.28	.23	.33	.27	.22	.32	.26	.21	.30	.25	.21	.19

Spacing Criteria (0-180): 1.31
Spacing Criteria (90-270): 1.32
Spacing Criteria (Diagonal): 1.44



C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

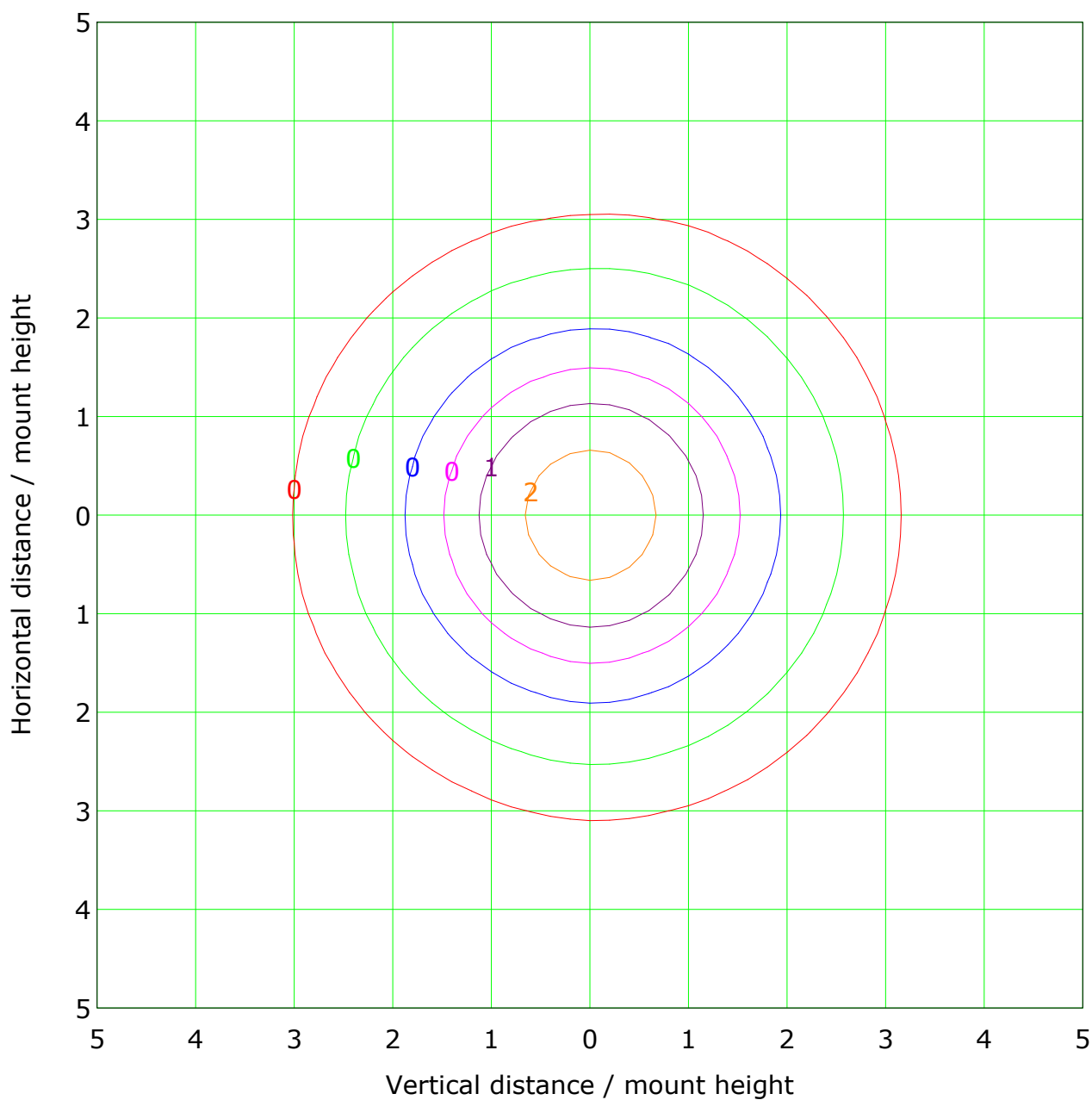
Test Device: GPM-1900

Distance: 14.073 m

Humidity: 49

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

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1900

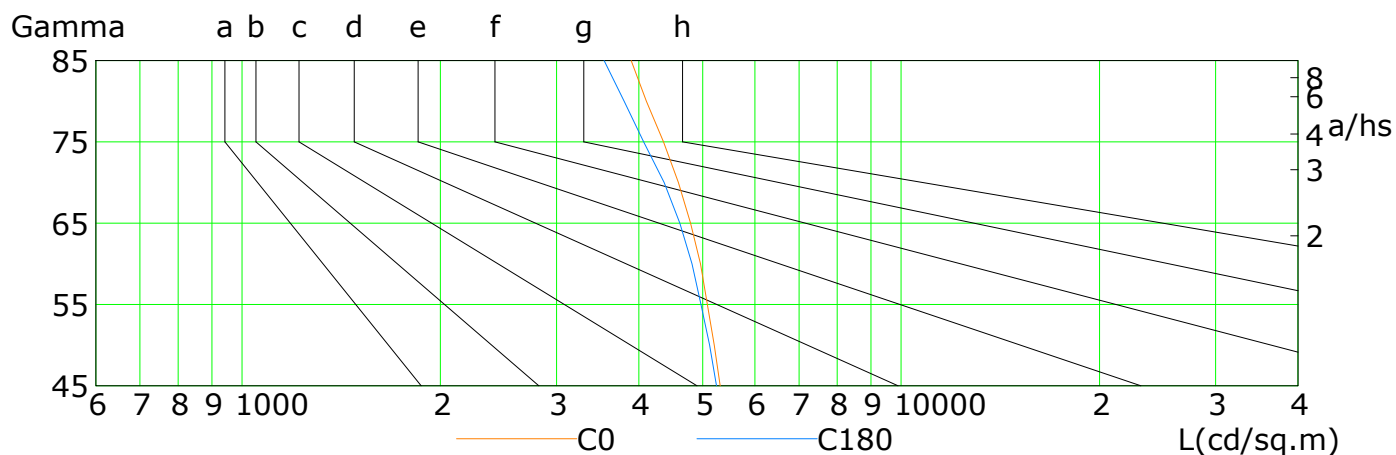
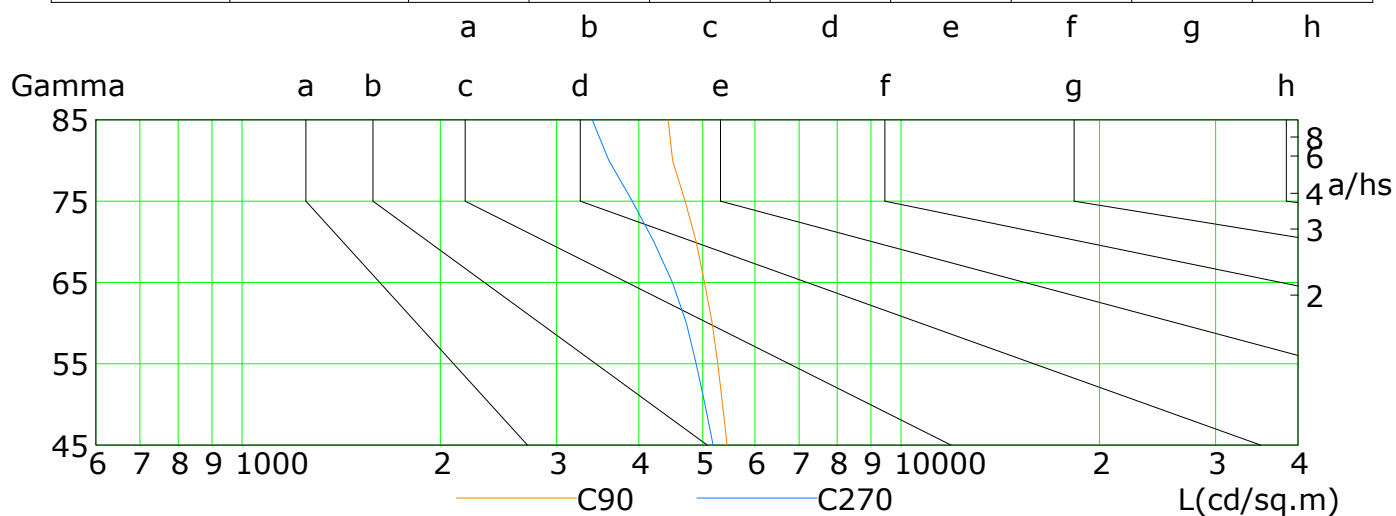
Distance: 14.073 m

Humidity: 49

Inspector:

Lum Limit Curve

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



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	5315	5204	5083	4961	4791	4592	4359	4106	3894
C90	5444	5358	5268	5168	5032	4886	4703	4501	4432
C180	5248	5123	4968	4816	4616	4370	4067	3799	3542
C270	5185	5040	4886	4722	4499	4216	3908	3603	3399

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

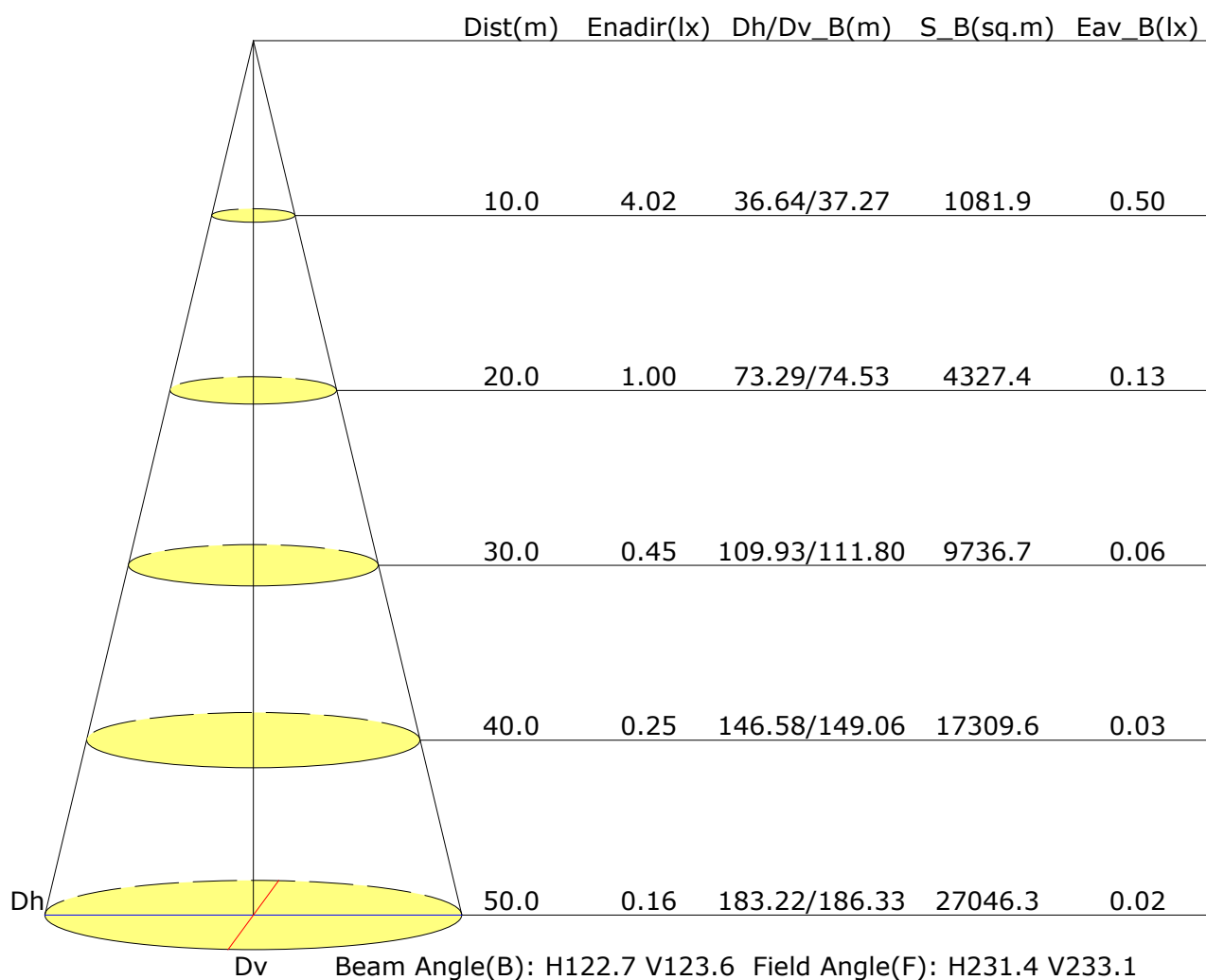
Test Device: GPM-1900

Distance: 14.073 m

Humidity: 49

Inspector:

Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

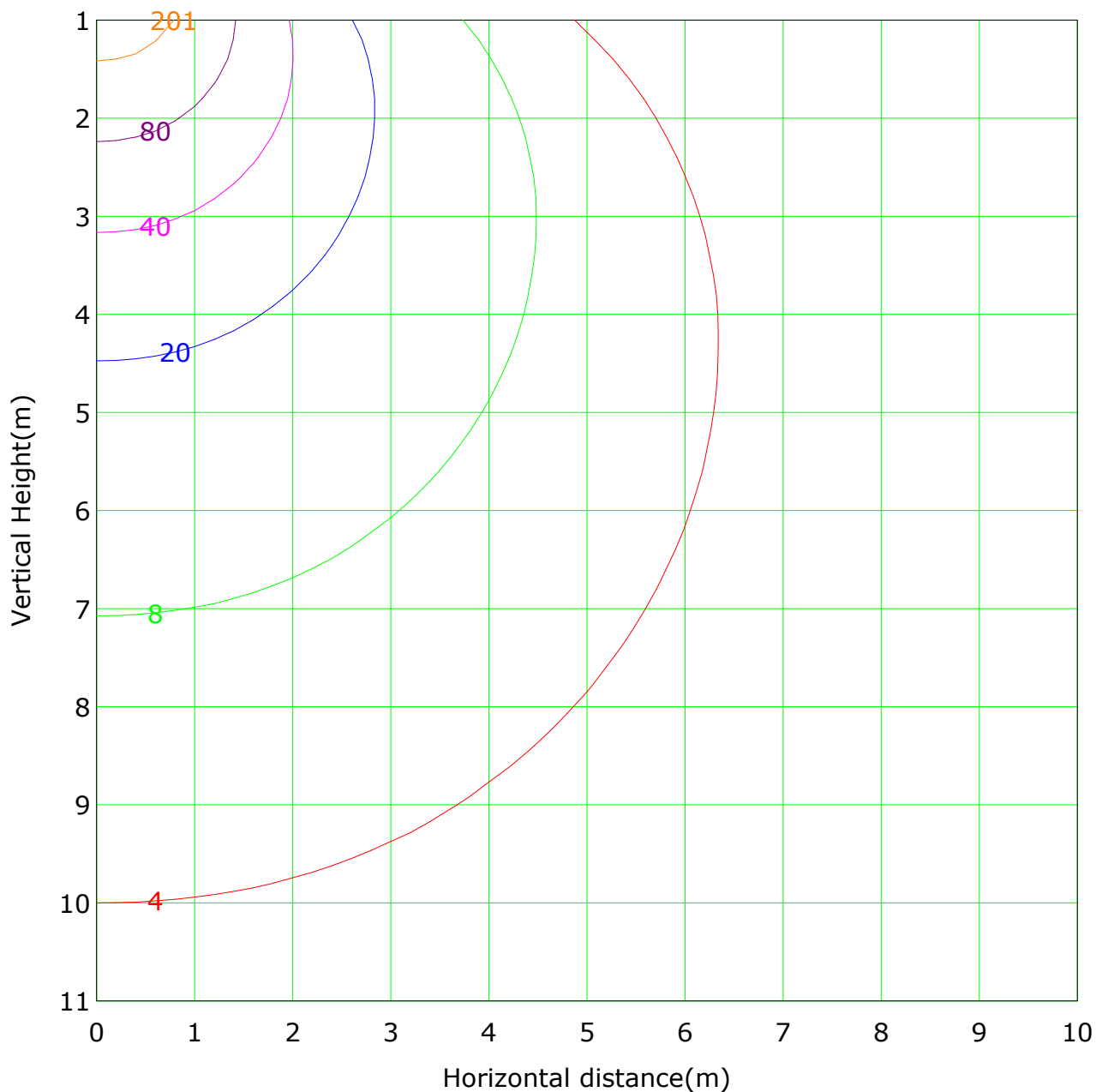
Test Device: GPM-1900

Distance: 14.073 m

Humidity: 49

Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 401.8 lx

— (1%): 4.0 lx	— (2%): 8.0 lx
— (5%): 20.1 lx	— (10%): 40.2 lx
— (20%): 80.4 lx	— (50%): 200.9 lx

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1900

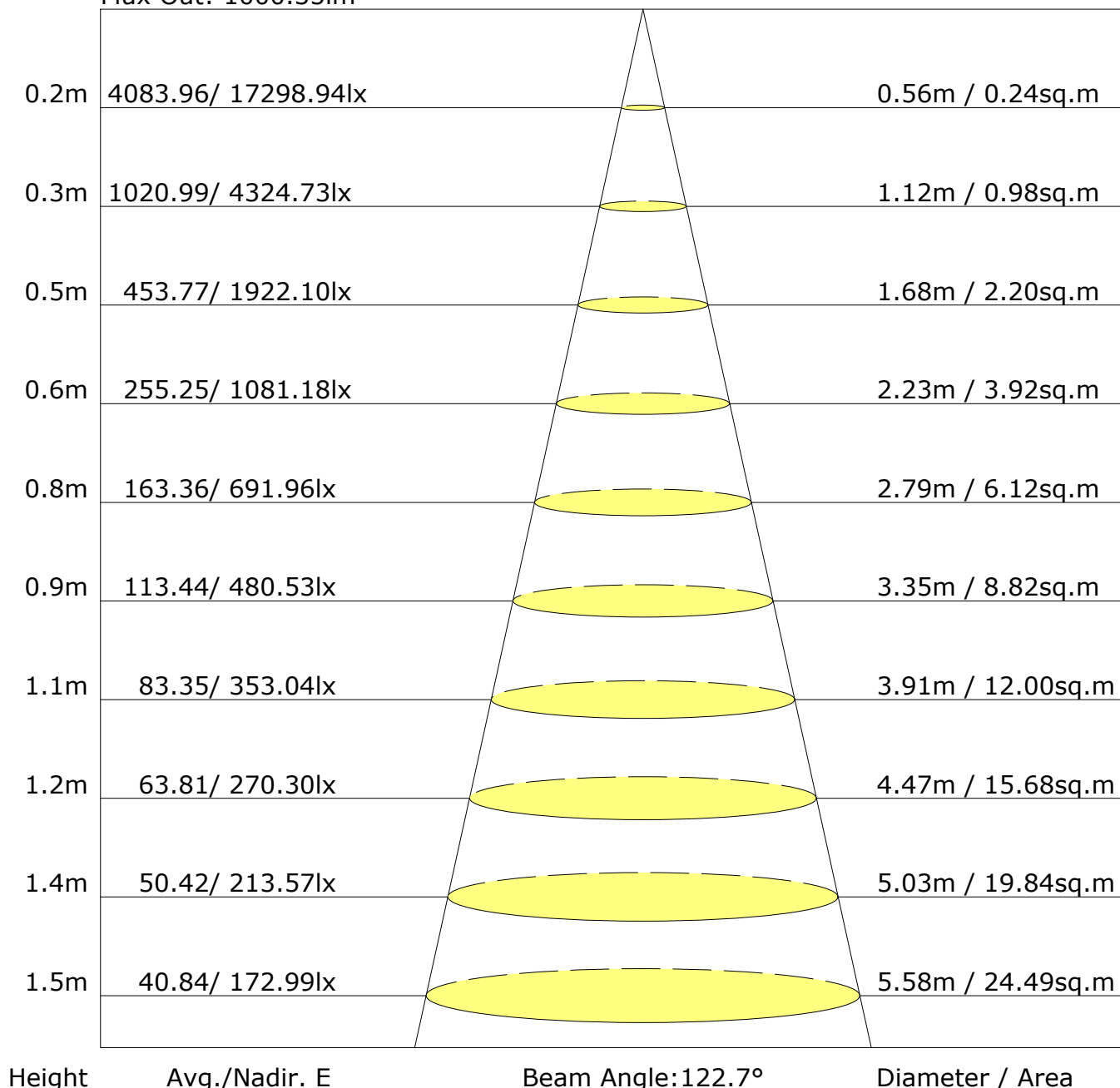
Distance: 14.073 m

Humidity: 49

Inspector:

The Average Illuminance Effective Figure

Flux Out: 1000.35lm



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	17.3	18.6	17.8	19.1	19.6	17.4	18.6	17.8	19.1	19.6
3H	19.1	20.2	19.6	20.7	21.2	19.1	20.2	19.6	20.7	21.3
4H	19.8	20.9	20.4	21.4	22.0	19.8	20.9	20.4	21.4	22.0
6H	20.5	21.5	21.0	22.0	22.6	20.5	21.5	21.1	22.1	22.6
8H	20.8	21.8	21.3	22.3	22.9	20.8	21.8	21.3	22.3	22.9
12H	21.0	22.0	21.6	22.5	23.1	21.0	22.0	21.6	22.5	23.1
X=4H Y=2H	18.0	19.1	18.5	19.6	20.1	18.0	19.1	18.5	19.6	20.2
3H	19.9	20.8	20.4	21.4	22.0	19.9	20.8	20.5	21.4	22.0
4H	20.8	21.6	21.4	22.2	22.8	20.8	21.6	21.4	22.2	22.9
6H	21.6	22.3	22.2	22.9	23.6	21.6	22.4	22.2	22.9	23.6
8H	21.9	22.6	22.5	23.2	23.9	22.0	22.7	22.6	23.3	23.9
12H	22.2	22.9	22.9	23.5	24.2	22.3	22.9	22.9	23.5	24.2
X=8H Y=4H	21.1	21.8	21.7	22.4	23.1	21.1	21.8	21.7	22.4	23.1
6H	22.1	22.6	22.7	23.3	24.0	22.1	22.7	22.7	23.3	24.0
8H	22.5	23.0	23.2	23.7	24.4	22.6	23.1	23.2	23.7	24.5
12H	23.0	23.4	23.6	24.1	24.8	23.0	23.5	23.7	24.1	24.9
X=12H Y=4H	21.1	21.7	21.8	22.4	23.1	21.1	21.8	21.8	22.4	23.1
6H	22.2	22.7	22.8	23.3	24.1	22.2	22.7	22.8	23.3	24.1
8H	22.7	23.1	23.3	23.8	24.5	22.7	23.1	23.4	23.8	24.6
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/-0.7					+0.5/-0.8				

Calculate in accordance with CIE Pub.117. The table is revised with 1541lm ($8\log(F/F_0) = 1.5$).

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1900

Distance: 14.073 m

Humidity: 49

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	401.8	0.4	0.4	0.02	0.02
1.0-2.0	401.9	1.2	1.5	0.07	0.10
2.0-3.0	401.9	1.9	3.5	0.12	0.22
3.0-4.0	401.9	2.7	6.2	0.17	0.40
4.0-5.0	401.8	3.5	9.6	0.22	0.62
5.0-6.0	401.7	4.2	13.8	0.27	0.90
6.0-7.0	401.5	5.0	18.8	0.32	1.22
7.0-8.0	401.1	5.7	24.6	0.37	1.59
8.0-9.0	400.7	6.5	31.1	0.42	2.02
9.0-10.0	400.2	7.2	38.3	0.47	2.49
10.0-11.0	399.5	8.0	46.3	0.52	3.00
11.0-12.0	398.7	8.7	55.0	0.57	3.57
12.0-13.0	397.7	9.4	64.4	0.61	4.18
13.0-14.0	396.5	10.2	74.6	0.66	4.84
14.0-15.0	395.2	10.9	85.4	0.70	5.55
15.0-16.0	393.9	11.5	97.0	0.75	6.29
16.0-17.0	392.3	12.2	109.2	0.79	7.09
17.0-18.0	390.6	12.9	122.1	0.84	7.92
18.0-19.0	388.7	13.5	135.6	0.88	8.80
19.0-20.0	386.8	14.2	149.8	0.92	9.72
20.0-21.0	384.6	14.8	164.5	0.96	10.68
21.0-22.0	382.3	15.4	179.9	1.00	11.68
22.0-23.0	379.8	15.9	195.8	1.03	12.71
23.0-24.0	377.2	16.5	212.3	1.07	13.78
24.0-25.0	374.4	17.0	229.4	1.11	14.89
25.0-26.0	371.5	17.5	246.9	1.14	16.03
26.0-27.0	368.5	18.0	264.9	1.17	17.20
27.0-28.0	365.4	18.5	283.4	1.20	18.40
28.0-29.0	362.1	18.9	302.4	1.23	19.63
29.0-30.0	358.8	19.4	321.8	1.26	20.88
30.0-31.0	355.2	19.8	341.5	1.28	22.17
31.0-32.0	351.5	20.1	361.7	1.31	23.47
32.0-33.0	347.9	20.5	382.2	1.33	24.81
33.0-34.0	344.0	20.8	403.0	1.35	26.16
34.0-35.0	339.9	21.1	424.1	1.37	27.53
35.0-36.0	335.9	21.4	445.5	1.39	28.92

C Plane (°):0.0-360.0: 22.5
 Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)
 Test Type: TYPE C
 Temperature: 23.6 °C
 Operator: LEO

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1900
 Distance: 14.073 m
 Humidity: 49
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	331.7	21.6	467.1	1.40	30.32
37.0-38.0	327.4	21.9	489.0	1.42	31.74
38.0-39.0	323.1	22.1	511.0	1.43	33.17
39.0-40.0	318.7	22.2	533.3	1.44	34.61
40.0-41.0	314.1	22.4	555.6	1.45	36.07
41.0-42.0	309.5	22.5	578.1	1.46	37.53
42.0-43.0	304.8	22.6	600.7	1.47	38.99
43.0-44.0	300.0	22.6	623.4	1.47	40.46
44.0-45.0	295.1	22.7	646.0	1.47	41.93
45.0-46.0	290.2	22.7	668.7	1.47	43.41
46.0-47.0	285.1	22.7	691.4	1.47	44.88
47.0-48.0	280.0	22.6	714.1	1.47	46.35
48.0-49.0	274.8	22.6	736.6	1.46	47.81
49.0-50.0	269.6	22.5	759.1	1.46	49.27
50.0-51.0	264.1	22.4	781.5	1.45	50.72
51.0-52.0	258.7	22.2	803.7	1.44	52.16
52.0-53.0	253.3	22.0	825.7	1.43	53.59
53.0-54.0	247.8	21.8	847.5	1.42	55.01
54.0-55.0	242.3	21.6	869.2	1.40	56.42
55.0-56.0	236.6	21.4	890.5	1.39	57.80
56.0-57.0	230.9	21.1	911.7	1.37	59.17
57.0-58.0	225.3	20.8	932.5	1.35	60.53
58.0-59.0	219.6	20.5	953.0	1.33	61.86
59.0-60.0	213.6	20.2	973.2	1.31	63.17
60.0-61.0	207.6	19.8	993.0	1.29	64.45
61.0-62.0	201.6	19.4	1012.5	1.26	65.72
62.0-63.0	195.6	19.0	1031.5	1.24	66.95
63.0-64.0	189.4	18.6	1050.1	1.21	68.16
64.0-65.0	183.3	18.1	1068.2	1.18	69.34
65.0-66.0	177.2	17.7	1085.9	1.15	70.48
66.0-67.0	170.9	17.2	1103.1	1.12	71.60
67.0-68.0	164.6	16.7	1119.8	1.08	72.68
68.0-69.0	158.3	16.2	1135.9	1.05	73.73
69.0-70.0	152.1	15.6	1151.5	1.01	74.74
70.0-71.0	145.8	15.1	1166.6	0.98	75.72
71.0-72.0	139.5	14.5	1181.1	0.94	76.66

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Shanghai)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1900

Distance: 14.073 m

Humidity: 49

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	133.1	13.9	1195.0	0.90	77.57
73.0-74.0	126.9	13.3	1208.4	0.87	78.43
74.0-75.0	120.7	12.8	1221.1	0.83	79.26
75.0-76.0	114.4	12.1	1233.3	0.79	80.05
76.0-77.0	108.3	11.5	1244.8	0.75	80.80
77.0-78.0	102.4	11.0	1255.8	0.71	81.51
78.0-79.0	96.5	10.4	1266.2	0.67	82.18
79.0-80.0	90.8	9.8	1275.9	0.64	82.82
80.0-81.0	85.3	9.2	1285.2	0.60	83.42
81.0-82.0	79.9	8.7	1293.8	0.56	83.98
82.0-83.0	74.9	8.1	1302.0	0.53	84.51
83.0-84.0	69.7	7.6	1309.6	0.49	85.00
84.0-85.0	64.6	7.1	1316.6	0.46	85.46
85.0-86.0	60.3	6.6	1323.2	0.43	85.89
86.0-87.0	56.5	6.2	1329.4	0.40	86.29
87.0-88.0	53.1	5.8	1335.2	0.38	86.67
88.0-89.0	50.6	5.5	1340.8	0.36	87.03
89.0-90.0	49.1	5.4	1346.2	0.35	87.38
90.0-91.0	48.3	5.3	1351.5	0.34	87.72
91.0-92.0	48.1	5.3	1356.7	0.34	88.06
92.0-93.0	48.6	5.3	1362.0	0.35	88.41
93.0-94.0	49.4	5.4	1367.5	0.35	88.76
94.0-95.0	49.9	5.5	1372.9	0.35	89.11
95.0-96.0	50.5	5.5	1378.4	0.36	89.47
96.0-97.0	51.2	5.6	1384.0	0.36	89.83
97.0-98.0	51.6	5.6	1389.6	0.36	90.20
98.0-99.0	51.5	5.6	1395.2	0.36	90.56
99.0-100.0	51.2	5.5	1400.7	0.36	90.92
100.0-101.0	50.9	5.5	1406.2	0.36	91.27
101.0-102.0	50.5	5.4	1411.7	0.35	91.63
102.0-103.0	50.0	5.4	1417.0	0.35	91.97
103.0-104.0	49.4	5.3	1422.3	0.34	92.32
104.0-105.0	48.8	5.2	1427.5	0.34	92.65
105.0-106.0	48.2	5.1	1432.6	0.33	92.98
106.0-107.0	47.5	5.0	1437.5	0.32	93.31
107.0-108.0	46.7	4.9	1442.4	0.32	93.62

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1900

Distance: 14.073 m

Humidity: 49

Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	45.9	4.8	1447.2	0.31	93.93
109.0-110.0	45.0	4.7	1451.8	0.30	94.24
110.0-111.0	44.0	4.5	1456.4	0.29	94.53
111.0-112.0	43.1	4.4	1460.8	0.29	94.81
112.0-113.0	42.2	4.3	1465.0	0.28	95.09
113.0-114.0	41.2	4.1	1469.2	0.27	95.36
114.0-115.0	40.1	4.0	1473.2	0.26	95.62
115.0-116.0	39.1	3.9	1477.1	0.25	95.87
116.0-117.0	38.0	3.7	1480.8	0.24	96.11
117.0-118.0	37.0	3.6	1484.4	0.23	96.35
118.0-119.0	35.9	3.5	1487.9	0.22	96.57
119.0-120.0	34.8	3.3	1491.2	0.22	96.79
120.0-121.0	33.7	3.2	1494.4	0.21	97.00
121.0-122.0	32.7	3.1	1497.4	0.20	97.19
122.0-123.0	31.6	2.9	1500.4	0.19	97.38
123.0-124.0	30.6	2.8	1503.2	0.18	97.57
124.0-125.0	29.5	2.7	1505.8	0.17	97.74
125.0-126.0	28.4	2.5	1508.4	0.16	97.90
126.0-127.0	27.4	2.4	1510.8	0.16	98.06
127.0-128.0	26.4	2.3	1513.1	0.15	98.21
128.0-129.0	25.4	2.2	1515.2	0.14	98.35
129.0-130.0	24.5	2.1	1517.3	0.13	98.49
130.0-131.0	23.6	2.0	1519.3	0.13	98.61
131.0-132.0	22.7	1.9	1521.1	0.12	98.73
132.0-133.0	21.8	1.8	1522.9	0.11	98.85
133.0-134.0	20.8	1.7	1524.6	0.11	98.96
134.0-135.0	19.9	1.6	1526.1	0.10	99.06
135.0-136.0	19.2	1.5	1527.6	0.10	99.15
136.0-137.0	18.3	1.4	1529.0	0.09	99.24
137.0-138.0	17.4	1.3	1530.3	0.08	99.33
138.0-139.0	16.6	1.2	1531.5	0.08	99.40
139.0-140.0	15.7	1.1	1532.6	0.07	99.48
140.0-141.0	14.8	1.0	1533.6	0.07	99.54
141.0-142.0	14.0	1.0	1534.6	0.06	99.61
142.0-143.0	13.1	0.9	1535.4	0.06	99.66
143.0-144.0	12.2	0.8	1536.2	0.05	99.71

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1900

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	11.3	0.7	1537.0	0.05	99.76
145.0-146.0	10.4	0.6	1537.6	0.04	99.80
146.0-147.0	9.4	0.6	1538.2	0.04	99.84
147.0-148.0	8.4	0.5	1538.7	0.03	99.87
148.0-149.0	7.4	0.4	1539.1	0.03	99.90
149.0-150.0	6.5	0.4	1539.5	0.02	99.92
150.0-151.0	5.7	0.3	1539.8	0.02	99.94
151.0-152.0	4.8	0.3	1540.0	0.02	99.96
152.0-153.0	4.0	0.2	1540.2	0.01	99.97
153.0-154.0	3.2	0.2	1540.4	0.01	99.98
154.0-155.0	2.4	0.1	1540.5	0.01	99.99
155.0-156.0	1.8	0.1	1540.6	0.01	99.99
156.0-157.0	1.1	0.0	1540.6	0.00	100.00
157.0-158.0	0.6	0.0	1540.6	0.00	100.00
158.0-159.0	0.3	0.0	1540.7	0.00	100.00
159.0-160.0	0.1	0.0	1540.7	0.00	100.00
160.0-161.0	0.0	0.0	1540.7	0.00	100.00
161.0-162.0	0.0	0.0	1540.7	0.00	100.00
162.0-163.0	0.0	0.0	1540.7	0.00	100.00
163.0-164.0	0.0	0.0	1540.7	0.00	100.00
164.0-165.0	0.0	0.0	1540.7	0.00	100.00
165.0-166.0	0.0	0.0	1540.7	0.00	100.00
166.0-167.0	0.0	0.0	1540.7	0.00	100.00
167.0-168.0	0.0	0.0	1540.7	0.00	100.00
168.0-169.0	0.0	0.0	1540.7	0.00	100.00
169.0-170.0	0.0	0.0	1540.7	0.00	100.00
170.0-171.0	0.0	0.0	1540.7	0.00	100.00
171.0-172.0	0.0	0.0	1540.7	0.00	100.00
172.0-173.0	0.0	0.0	1540.7	0.00	100.00
173.0-174.0	0.0	0.0	1540.7	0.00	100.00
174.0-175.0	0.0	0.0	1540.7	0.00	100.00
175.0-176.0	0.0	0.0	1540.7	0.00	100.00
176.0-177.0	0.0	0.0	1540.7	0.00	100.00
177.0-178.0	0.0	0.0	1540.7	0.00	100.00
178.0-179.0	0.0	0.0	1540.7	0.00	100.00
179.0-180.0	0.0	0.0	1540.7	0.00	100.00

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1900

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	401.8	401.8	401.8	401.8	401.8	401.8	401.8	401.8	401.8	401.8
G1.0	401.8	401.5	401.9	401.5	401.6	401.8	401.5	402.0	401.6	402.3
G2.0	402.0	401.7	401.3	401.5	401.5	401.9	401.9	402.4	401.9	402.2
G3.0	401.7	401.6	401.2	401.0	401.3	401.9	402.0	402.5	401.7	402.1
G4.0	401.4	401.5	400.8	401.4	401.4	402.5	402.0	402.6	401.7	402.0
G5.0	401.4	401.3	400.9	401.4	401.3	401.9	402.6	402.7	401.3	402.2
G6.0	401.0	401.1	400.9	401.1	401.6	401.8	402.9	402.7	401.1	401.8
G7.0	400.7	401.0	401.2	401.0	401.2	401.1	401.8	402.6	401.1	401.3
G8.0	400.3	401.0	400.6	401.1	401.2	400.8	402.1	402.0	401.1	400.7
G9.0	399.8	400.5	400.3	400.6	401.1	400.6	401.5	401.8	400.5	400.0
G10.0	399.4	399.7	399.7	400.2	400.7	400.4	401.4	401.8	399.9	399.4
G11.0	398.1	398.7	398.9	399.8	399.7	399.1	400.6	400.9	398.8	398.9
G12.0	397.0	397.6	398.2	398.9	399.6	398.7	400.1	399.7	398.1	398.0
G13.0	396.3	396.5	397.4	397.7	398.2	397.9	398.9	398.9	396.8	396.7
G14.0	395.0	395.9	396.3	396.6	397.4	396.8	397.6	397.8	395.6	395.5
G15.0	393.6	394.8	394.9	395.5	395.9	396.2	396.4	396.4	394.5	394.2
G16.0	392.1	393.6	393.6	394.6	394.6	395.1	395.2	395.2	392.2	392.6
G17.0	390.6	392.3	392.4	393.0	393.0	394.1	393.5	393.4	390.2	390.5
G18.0	388.7	390.0	390.8	391.1	391.3	392.3	392.0	392.3	388.9	388.9
G19.0	387.5	388.4	389.4	389.2	389.5	390.2	389.9	390.2	386.8	386.2
G20.0	385.4	386.6	387.3	387.7	388.0	388.6	388.0	388.0	384.8	384.3
G21.0	382.5	384.1	385.5	385.7	385.9	385.7	386.0	386.4	382.5	381.8
G22.0	380.3	382.1	383.2	383.7	384.2	384.0	383.9	383.8	379.7	379.5
G23.0	377.9	379.9	380.5	381.2	381.8	381.4	382.1	381.0	377.0	377.0
G24.0	374.5	376.7	378.0	378.7	379.1	379.4	379.3	378.3	374.3	374.3
G25.0	371.9	374.3	375.8	375.8	376.5	376.6	376.5	375.7	371.1	371.3
G26.0	369.5	371.7	372.5	373.4	373.7	374.1	373.3	373.1	368.4	368.0
G27.0	366.6	368.6	369.6	370.5	371.1	370.8	370.2	369.2	364.9	365.2
G28.0	363.4	365.5	366.3	368.1	367.9	367.7	367.0	366.5	361.8	361.7
G29.0	360.0	362.3	363.6	364.4	365.0	364.9	364.0	363.6	358.3	358.6
G30.0	356.9	358.9	360.0	361.3	362.0	362.2	360.6	359.8	354.8	354.3
G31.0	353.0	355.3	356.7	358.5	358.4	358.0	357.1	356.4	351.1	350.4
G32.0	349.8	352.3	352.8	354.4	354.9	354.9	353.7	352.9	347.5	346.7
G33.0	346.2	348.6	349.1	351.0	351.4	351.1	349.9	349.0	343.6	342.9
G34.0	341.6	344.7	346.2	347.2	347.6	347.6	346.1	345.1	339.3	338.5
G35.0	338.2	341.0	342.3	343.1	343.7	343.8	342.2	340.8	335.3	334.6
G36.0	334.0	337.3	338.5	339.0	339.8	339.6	338.5	337.2	331.0	330.6

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Distance: GPM-1900

Distance: 14.073 m

Humidity: 49

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	329.9	333.0	334.4	335.2	335.9	335.7	334.1	332.9	326.9	325.4
G38.0	325.5	328.3	329.8	331.4	332.0	331.5	329.9	328.7	321.9	321.7
G39.0	321.2	323.8	326.2	326.6	327.7	327.6	326.1	324.4	317.7	317.5
G40.0	316.9	319.3	321.8	322.5	323.2	323.0	321.9	319.6	313.2	312.4
G41.0	312.0	314.8	316.9	318.1	318.8	318.8	317.6	315.5	308.8	307.7
G42.0	307.5	310.0	312.9	314.0	314.6	314.4	312.5	311.1	304.1	302.8
G43.0	302.9	305.6	308.2	309.7	310.5	309.2	307.6	306.0	299.4	298.5
G44.0	298.3	300.7	303.3	304.6	305.4	304.5	303.3	300.7	294.4	293.0
G45.0	293.2	296.0	298.9	300.4	300.2	299.8	298.8	296.0	289.4	288.0
G46.0	287.8	290.8	293.9	295.5	295.1	294.9	293.3	291.1	284.5	283.2
G47.0	283.3	286.3	288.8	290.3	291.2	290.5	287.9	285.8	279.0	278.0
G48.0	278.3	280.9	283.6	285.6	285.6	285.5	283.7	281.1	273.8	272.7
G49.0	272.6	276.0	279.0	280.3	280.9	280.7	278.5	275.9	268.6	267.6
G50.0	267.6	271.0	273.3	275.1	275.5	275.4	273.0	270.5	263.4	261.7
G51.0	261.9	265.2	267.7	270.0	270.2	270.0	267.9	264.9	257.7	256.1
G52.0	257.0	259.8	262.6	264.9	265.3	264.6	262.2	259.7	251.9	250.7
G53.0	251.4	254.1	257.6	259.0	259.7	259.4	257.4	254.4	246.6	245.2
G54.0	246.1	249.0	252.0	254.0	254.7	253.9	251.6	249.0	241.4	239.1
G55.0	240.4	243.6	246.1	249.2	249.2	249.0	246.5	243.5	235.0	233.5
G56.0	234.7	237.3	241.0	242.5	243.1	242.9	240.5	237.9	229.9	227.9
G57.0	229.4	231.9	235.6	237.5	238.3	237.4	234.9	232.0	224.0	222.3
G58.0	223.9	226.4	229.8	231.9	232.5	231.9	229.2	226.6	218.6	216.1
G59.0	218.3	220.9	224.4	226.3	226.7	226.3	224.0	220.6	212.4	210.0
G60.0	212.4	215.0	217.8	221.1	221.2	220.5	217.8	214.0	206.2	204.0
G61.0	205.7	209.1	212.4	214.3	215.4	214.4	211.7	208.6	200.3	197.4
G62.0	200.3	203.1	206.5	208.9	209.2	208.8	206.0	202.9	193.9	191.6
G63.0	194.5	197.0	200.1	203.0	203.6	203.1	200.4	196.5	187.7	185.5
G64.0	188.0	191.4	194.6	196.9	197.4	196.3	193.9	190.3	181.6	179.6
G65.0	182.0	185.4	188.8	190.5	191.2	190.7	188.0	184.6	175.4	173.6
G66.0	175.5	178.7	182.7	184.3	185.3	184.4	182.1	178.3	169.3	166.6
G67.0	169.6	172.7	176.6	178.6	179.1	178.7	175.9	171.8	162.4	160.2
G68.0	163.1	167.0	170.1	172.3	173.1	171.9	169.3	165.8	156.7	153.7
G69.0	156.9	160.0	163.9	166.3	166.8	166.0	163.1	159.3	150.4	147.5
G70.0	151.1	154.2	157.8	160.1	160.7	159.7	157.0	152.9	143.7	140.8
G71.0	144.6	148.1	151.8	154.3	154.6	153.5	150.5	146.9	137.4	134.1
G72.0	138.7	141.7	145.3	147.8	148.3	147.2	144.7	140.8	131.1	128.2
G73.0	132.3	135.1	138.9	141.5	141.9	140.6	137.9	133.6	124.9	121.5

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Standard: GPM-1900

Distance: 14.073 m

Humidity: 49

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	126.2	129.0	132.9	135.2	135.8	135.1	131.7	127.8	118.8	115.3
G75.0	120.1	123.0	126.8	129.0	129.5	128.7	125.4	121.5	112.0	108.9
G76.0	113.5	116.9	120.7	122.5	122.6	122.0	119.1	115.5	106.2	103.1
G77.0	107.4	111.1	114.3	116.3	117.5	116.7	112.8	109.3	100.2	97.3
G78.0	101.9	104.6	107.7	111.0	111.2	110.2	106.6	103.0	94.5	91.2
G79.0	95.5	98.7	101.8	104.1	105.2	103.8	101.1	97.6	88.5	86.2
G80.0	90.3	93.0	96.3	98.4	98.9	98.1	95.3	91.4	83.5	80.6
G81.0	83.8	87.3	90.0	92.0	92.6	92.0	89.8	85.5	78.2	75.7
G82.0	78.9	81.2	84.5	86.9	87.3	86.6	84.2	80.6	73.3	70.2
G83.0	73.7	75.9	79.6	81.6	82.2	81.5	78.7	75.6	68.7	65.5
G84.0	69.0	70.7	74.5	76.3	76.9	76.2	73.9	70.5	63.0	60.0
G85.0	63.3	66.1	68.9	71.7	72.0	71.8	68.3	64.9	57.6	56.0
G86.0	59.0	61.3	64.7	66.7	67.6	66.8	63.3	59.0	54.1	53.3
G87.0	52.9	55.8	59.8	61.6	62.6	60.8	57.7	55.1	51.5	51.8
G88.0	49.0	50.5	53.2	56.3	56.8	56.3	54.2	52.5	50.2	50.9
G89.0	46.6	47.7	49.4	52.2	53.4	53.5	52.1	50.6	49.6	50.4
G90.0	45.0	45.1	47.6	49.8	50.8	51.4	50.1	49.0	49.1	50.6
G91.0	44.1	44.1	46.2	47.8	49.5	50.0	48.7	48.8	49.1	51.0
G92.0	44.0	43.7	45.0	46.4	47.7	49.1	48.0	48.5	49.5	52.5
G93.0	44.6	44.2	44.7	45.9	47.6	48.7	48.1	49.1	51.3	54.1
G94.0	44.6	44.1	44.9	46.0	47.5	49.0	48.4	50.2	52.7	54.4
G95.0	46.2	44.7	45.4	46.3	47.7	49.6	50.3	52.1	52.5	54.6
G96.0	48.6	47.1	46.4	47.0	49.0	51.7	51.7	52.7	52.3	54.3
G97.0	49.2	49.1	49.4	50.4	51.8	53.3	52.1	52.2	51.9	54.1
G98.0	49.4	49.3	50.2	51.3	52.2	53.3	51.6	52.0	52.1	53.4
G99.0	49.0	49.7	50.3	51.1	52.2	53.6	51.8	51.8	51.2	53.3
G100.0	49.4	48.9	50.2	51.3	52.2	53.2	51.2	51.4	50.9	53.0
G101.0	49.1	48.6	49.6	51.0	51.8	52.9	51.0	50.4	50.1	52.4
G102.0	48.8	47.9	49.7	50.6	51.6	52.1	50.2	49.4	50.1	52.1
G103.0	48.4	47.9	48.5	50.3	51.0	51.3	49.2	48.5	49.6	51.9
G104.0	48.2	47.4	48.4	49.6	50.8	50.5	48.1	47.4	49.3	51.0
G105.0	47.5	46.3	47.5	48.7	49.8	48.9	47.1	46.9	48.6	50.4
G106.0	47.1	45.4	47.2	47.8	49.0	48.2	45.8	45.3	48.5	49.9
G107.0	46.3	44.9	46.2	46.9	48.3	47.0	44.6	44.6	47.8	49.7
G108.0	45.3	43.9	45.5	45.7	47.1	45.6	43.5	43.3	47.5	49.0
G109.0	44.8	42.9	44.2	44.8	45.9	44.1	42.7	42.3	46.6	48.5
G110.0	44.6	41.8	43.0	43.6	44.9	42.4	41.1	41.3	45.8	47.3

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Software: GPM-1900

Distance: 14.073 m

Humidity: 49

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	43.3	40.7	41.9	42.2	43.4	41.0	40.0	40.2	45.2	46.8
G112.0	42.8	40.2	41.3	40.9	42.6	39.5	38.7	39.1	44.3	46.1
G113.0	41.7	39.1	39.9	39.5	41.3	38.2	37.4	38.4	43.8	45.1
G114.0	41.2	38.2	38.2	38.5	40.1	36.5	35.7	36.9	42.9	44.2
G115.0	40.2	37.0	37.1	36.7	38.8	35.0	34.7	36.2	41.3	43.0
G116.0	39.1	35.9	35.8	35.0	37.6	33.0	33.2	35.2	40.8	42.4
G117.0	38.4	34.8	34.4	33.9	36.0	31.4	31.7	33.9	39.5	41.6
G118.0	37.3	34.0	33.5	32.6	34.8	30.1	30.6	32.8	38.1	40.3
G119.0	36.5	33.2	31.8	30.9	34.3	28.3	29.1	32.5	37.6	39.0
G120.0	35.5	32.0	30.4	29.4	32.2	26.5	27.9	31.1	36.4	37.7
G121.0	34.4	31.1	29.5	27.6	31.3	25.1	26.2	30.4	35.5	36.4
G122.0	33.4	30.4	28.1	26.9	30.1	23.6	25.2	29.8	34.2	35.4
G123.0	32.7	29.3	27.1	25.1	29.2	22.0	24.2	28.8	33.2	34.0
G124.0	32.0	28.4	25.9	23.6	28.1	21.6	22.7	28.5	32.2	32.9
G125.0	31.2	27.3	24.3	22.1	26.4	20.6	21.8	27.5	30.9	32.1
G126.0	29.7	26.8	23.2	20.6	25.4	19.7	20.7	26.5	30.3	30.2
G127.0	29.2	26.1	22.4	19.6	24.6	18.8	19.5	26.0	29.0	28.7
G128.0	27.8	25.6	21.3	18.4	22.9	17.6	18.7	25.7	28.1	27.7
G129.0	27.2	24.7	20.7	17.9	22.7	16.8	18.1	24.9	26.6	26.3
G130.0	26.2	24.0	19.5	16.8	21.3	15.5	17.5	24.3	26.0	25.3
G131.0	25.6	23.6	18.5	16.4	20.7	15.4	16.9	23.8	24.6	24.1
G132.0	24.5	23.2	17.9	15.2	19.5	14.7	16.4	22.7	23.1	22.8
G133.0	23.8	22.7	17.3	15.0	18.4	14.0	15.4	22.0	22.3	21.7
G134.0	22.9	20.9	16.7	13.8	17.3	13.6	14.6	21.1	21.5	20.8
G135.0	22.2	20.7	16.1	13.7	16.2	12.9	14.5	20.1	20.2	19.2
G136.0	21.6	20.5	15.0	12.9	15.5	12.1	14.1	19.4	19.1	18.9
G137.0	20.2	19.4	15.1	12.0	14.4	12.1	13.4	18.2	18.0	17.6
G138.0	19.9	18.6	13.8	12.0	13.3	11.5	12.7	17.5	16.9	17.0
G139.0	18.9	17.4	13.7	11.5	12.6	11.1	11.9	16.3	15.5	15.6
G140.0	18.1	16.9	13.1	10.5	11.9	10.4	11.7	15.0	14.8	14.4
G141.0	16.9	16.1	12.4	10.5	10.9	10.0	11.1	13.7	13.9	13.6
G142.0	16.5	15.3	11.8	9.7	10.0	9.5	10.6	13.0	12.3	12.6
G143.0	15.1	14.1	11.4	9.5	9.1	9.5	9.8	11.8	11.2	11.3
G144.0	14.5	13.3	11.2	9.2	8.1	8.6	9.1	10.5	10.1	10.3
G145.0	13.3	12.9	10.1	8.1	8.1	7.8	8.6	10.1	8.8	8.8
G146.0	12.6	11.8	9.8	7.9	7.3	7.3	7.7	8.5	7.4	7.9
G147.0	11.5	10.9	9.2	7.0	6.5	6.6	6.7	8.0	7.0	7.0

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1900

Distance: 14.073 m

Humidity: 49

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	10.3	10.1	8.5	6.6	5.9	6.0	5.9	6.7	5.5	5.3
G149.0	9.5	8.9	7.2	6.8	5.0	5.4	5.3	5.6	4.4	4.8
G150.0	8.2	8.2	6.8	5.8	4.5	4.8	4.6	4.8	3.4	3.8
G151.0	7.0	7.4	6.3	6.1	3.6	4.3	3.9	3.9	2.3	3.0
G152.0	6.3	6.0	5.7	5.0	3.3	3.3	3.5	2.7	1.7	1.7
G153.0	5.6	5.6	4.6	4.6	2.7	3.0	2.5	1.7	1.0	1.2
G154.0	4.4	4.6	3.8	4.1	1.9	2.3	2.0	0.9	0.7	0.0
G155.0	4.5	3.7	3.2	3.1	1.7	1.6	1.1	0.0	0.0	0.0
G156.0	3.3	3.0	2.8	2.5	1.5	1.4	0.0	0.0	0.0	0.0
G157.0	2.4	2.0	1.9	1.4	0.9	0.0	0.0	0.0	0.0	0.0
G158.0	1.7	1.6	1.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0
G159.0	1.1	0.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G160.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G175.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	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	0.0	0.0	0.0

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Standard: GPM-1900

Distance: 14.073 m

Humidity: 49

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	401.8	401.8	401.8	401.8	401.8	401.8	401.8			
G1.0	402.4	402.1	402.3	401.7	401.4	402.1	401.8			
G2.0	402.6	402.2	402.2	402.0	401.3	402.1	402.0			
G3.0	402.5	402.5	402.0	401.8	402.0	402.0	401.7			
G4.0	402.7	402.8	402.1	402.0	401.8	401.7	401.4			
G5.0	402.1	403.0	401.7	401.8	401.7	401.4	401.4			
G6.0	402.0	402.6	401.4	402.5	401.3	400.7	401.0			
G7.0	401.6	402.7	401.2	401.1	400.9	400.4	400.7			
G8.0	401.4	401.5	400.4	400.7	400.3	400.2	400.3			
G9.0	400.5	401.1	400.2	400.2	399.5	399.8	399.8			
G10.0	399.8	400.4	399.1	399.4	398.7	398.8	399.4			
G11.0	399.1	399.5	398.5	398.4	398.0	398.1	398.1			
G12.0	397.9	398.2	397.7	397.4	397.4	397.4	397.0			
G13.0	397.1	397.1	396.6	396.2	395.7	396.2	396.3			
G14.0	395.2	395.5	394.7	394.7	394.3	394.8	395.0			
G15.0	394.1	394.3	393.3	393.3	393.3	393.1	393.6			
G16.0	392.4	392.5	391.9	391.5	391.9	391.8	392.1			
G17.0	390.7	390.2	389.7	389.7	390.0	389.9	390.6			
G18.0	388.3	388.4	387.9	387.8	388.0	388.1	388.7			
G19.0	386.7	386.3	385.6	385.6	386.4	386.0	387.5			
G20.0	384.6	384.0	383.7	383.6	384.4	384.0	385.4			
G21.0	382.3	381.5	381.4	380.9	381.2	381.3	382.5			
G22.0	379.6	378.9	378.9	378.7	378.8	378.7	380.3			
G23.0	376.6	376.4	375.5	375.9	376.1	376.3	377.9			
G24.0	373.7	373.8	373.1	373.0	373.4	373.6	374.5			
G25.0	371.1	371.0	369.7	370.1	370.2	370.3	371.9			
G26.0	367.7	367.5	366.6	367.0	367.3	367.3	369.5			
G27.0	364.6	364.0	364.0	363.8	363.9	364.6	366.6			
G28.0	361.2	361.0	360.4	360.5	360.5	361.0	363.4			
G29.0	357.8	357.1	356.8	357.1	357.1	357.6	360.0			
G30.0	354.3	353.7	352.8	352.8	354.1	354.1	356.9			
G31.0	350.2	349.8	349.0	349.5	350.0	350.3	353.0			
G32.0	346.5	345.8	345.1	345.8	346.3	346.6	349.8			
G33.0	342.5	342.2	341.6	341.6	342.0	343.2	346.2			
G34.0	338.6	337.6	337.4	337.4	338.0	338.5	341.6			
G35.0	333.9	333.5	332.9	333.4	333.7	334.6	338.2			
G36.0	329.7	329.3	328.6	329.2	329.2	330.2	334.0			

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Standard: GPM-1900

Distance: 14.073 m

Humidity: 49

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	325.4	325.1	324.5	324.4	325.2	326.2	329.9			
G38.0	321.2	320.0	319.5	320.2	320.4	321.6	325.5			
G39.0	316.5	315.8	315.4	315.9	315.9	317.0	321.2			
G40.0	311.5	311.3	310.7	311.4	311.7	312.3	316.9			
G41.0	307.1	306.5	305.9	306.6	307.0	307.5	312.0			
G42.0	302.0	301.7	300.6	301.3	302.1	303.2	307.5			
G43.0	297.1	296.2	296.0	296.8	297.2	298.3	302.9			
G44.0	291.7	291.7	291.0	291.8	292.6	293.1	298.3			
G45.0	286.9	286.7	286.0	286.8	287.4	288.4	293.2			
G46.0	282.0	281.7	281.2	281.7	282.3	283.5	287.8			
G47.0	276.8	276.5	275.6	276.4	277.3	277.9	283.3			
G48.0	270.9	270.7	270.3	270.9	271.4	272.9	278.3			
G49.0	265.8	265.2	265.0	265.5	266.2	267.7	272.6			
G50.0	260.8	260.8	259.2	259.6	261.3	262.7	267.6			
G51.0	255.1	254.3	253.8	254.5	255.6	256.7	261.9			
G52.0	249.5	248.7	248.3	249.2	250.4	251.5	257.0			
G53.0	244.1	243.2	242.8	243.4	244.8	246.3	251.4			
G54.0	238.3	237.6	237.3	238.3	239.1	240.0	246.1			
G55.0	232.4	231.8	231.1	232.2	233.7	233.9	240.4			
G56.0	227.0	225.9	225.7	226.4	227.6	228.9	234.7			
G57.0	220.6	220.2	219.9	220.8	221.8	222.9	229.4			
G58.0	214.5	214.5	214.3	215.5	216.1	217.6	223.9			
G59.0	208.9	208.5	208.3	209.3	210.3	211.9	218.3			
G60.0	202.5	202.3	202.1	203.1	204.0	205.0	212.4			
G61.0	196.2	196.0	196.0	197.4	198.3	199.6	205.7			
G62.0	190.7	190.2	190.3	191.3	192.1	193.7	200.3			
G63.0	184.3	183.7	183.4	184.5	185.7	187.2	194.5			
G64.0	178.0	177.5	177.3	178.3	179.5	181.3	188.0			
G65.0	171.7	171.1	170.9	172.1	173.3	175.1	182.0			
G66.0	165.0	165.0	165.1	166.0	167.5	169.2	175.5			
G67.0	158.9	158.2	158.1	159.4	161.2	162.5	169.6			
G68.0	152.3	151.9	152.1	153.2	154.3	156.2	163.1			
G69.0	146.3	145.4	145.8	147.1	148.6	150.4	156.9			
G70.0	139.9	139.1	138.7	141.0	142.2	143.6	151.1			
G71.0	133.7	133.3	132.6	134.2	135.7	137.6	144.6			
G72.0	126.7	126.3	126.5	127.7	129.4	131.5	138.7			
G73.0	120.2	119.9	120.0	121.9	122.9	125.0	132.3			

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Standard: GPM-1900

Distance: 14.073 m

Humidity: 49

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	114.4	113.9	114.2	115.4	116.9	118.9	126.2			
G75.0	108.4	107.6	107.6	108.7	110.9	112.6	120.1			
G76.0	101.6	101.5	101.8	102.6	104.3	106.1	113.5			
G77.0	96.1	95.5	95.8	96.9	98.3	100.3	107.4			
G78.0	90.4	90.1	90.5	91.2	92.7	94.2	101.9			
G79.0	85.1	84.7	84.0	85.5	86.4	88.2	95.5			
G80.0	79.5	79.4	79.2	80.1	81.2	83.2	90.3			
G81.0	74.9	74.4	74.6	75.1	76.4	77.9	83.8			
G82.0	69.7	69.8	69.8	70.6	71.4	72.9	78.9			
G83.0	65.0	64.7	64.8	65.9	66.5	68.2	73.7			
G84.0	59.4	58.9	58.3	60.4	61.1	63.6	69.0			
G85.0	56.1	55.4	55.2	55.2	55.6	57.9	63.3			
G86.0	53.4	53.6	53.0	53.0	52.3	52.3	59.0			
G87.0	52.1	52.1	51.5	50.8	49.7	49.6	52.9			
G88.0	50.7	50.1	49.4	48.8	47.9	47.0	49.0			
G89.0	50.4	50.2	49.0	47.9	46.2	46.0	46.6			
G90.0	50.9	50.0	48.9	47.7	45.8	44.9	45.0			
G91.0	50.9	50.4	49.1	47.9	46.1	44.3	44.1			
G92.0	53.1	52.8	51.4	48.2	46.1	44.8	44.0			
G93.0	54.7	54.3	53.1	51.7	47.9	45.2	44.6			
G94.0	54.8	54.2	53.4	52.3	50.2	47.7	44.6			
G95.0	54.7	54.3	53.1	51.8	50.8	49.3	46.2			
G96.0	54.3	53.8	52.9	52.2	50.8	49.4	48.6			
G97.0	54.0	53.8	52.6	52.1	50.5	49.4	49.2			
G98.0	53.8	53.3	52.4	51.4	50.0	49.1	49.4			
G99.0	52.9	52.9	52.1	51.0	49.9	49.4	49.0			
G100.0	52.9	52.3	51.7	50.5	49.3	48.8	49.4			
G101.0	52.8	51.7	51.3	50.6	49.2	48.7	49.1			
G102.0	52.3	51.4	51.0	50.0	49.1	47.9	48.8			
G103.0	51.6	50.7	50.4	50.0	48.4	47.6	48.4			
G104.0	50.9	50.9	50.1	49.1	48.1	47.3	48.2			
G105.0	50.7	50.2	49.6	49.1	47.6	47.2	47.5			
G106.0	50.2	49.7	49.2	48.0	47.1	46.8	47.1			
G107.0	49.8	48.5	48.6	47.7	46.8	46.2	46.3			
G108.0	49.0	48.5	47.9	47.2	46.5	45.4	45.3			
G109.0	48.8	47.5	47.5	46.5	45.6	44.7	44.8			
G110.0	48.2	46.7	46.3	45.8	45.2	44.3	44.6			

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1900

Distance: 14.073 m

Humidity: 49

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	47.0	45.9	45.9	45.4	44.5	43.5	43.3			
G112.0	46.5	45.2	45.3	44.0	43.4	42.9	42.8			
G113.0	45.6	44.0	44.8	43.9	43.2	42.3	41.7			
G114.0	44.5	43.2	43.9	43.1	42.2	41.6	41.2			
G115.0	43.9	42.2	43.1	42.2	41.6	40.7	40.2			
G116.0	42.9	41.4	42.3	41.4	41.1	40.0	39.1			
G117.0	42.2	40.4	41.9	40.4	40.1	38.9	38.4			
G118.0	41.3	39.6	41.2	39.5	39.5	38.7	37.3			
G119.0	40.1	38.4	40.3	38.7	38.6	37.3	36.5			
G120.0	38.9	37.8	39.8	38.3	37.9	36.4	35.5			
G121.0	38.0	36.4	39.1	37.1	37.1	36.1	34.4			
G122.0	36.5	35.6	38.6	36.3	36.0	34.6	33.4			
G123.0	35.8	34.6	37.7	35.0	35.4	33.7	32.7			
G124.0	34.5	33.8	37.2	33.7	34.0	32.6	32.0			
G125.0	33.0	32.7	36.3	32.8	33.1	31.5	31.2			
G126.0	31.7	31.3	35.2	31.8	32.3	30.2	29.7			
G127.0	30.1	30.6	34.7	30.6	30.5	29.3	29.2			
G128.0	29.0	29.0	34.0	30.0	29.8	28.0	27.8			
G129.0	27.9	28.1	32.9	28.9	28.5	26.5	27.2			
G130.0	26.7	27.5	31.9	27.6	27.7	26.5	26.2			
G131.0	25.6	26.6	30.6	26.9	26.5	25.0	25.6			
G132.0	24.0	25.9	29.9	25.8	25.7	23.9	24.5			
G133.0	22.7	25.2	28.8	24.7	24.3	22.8	23.8			
G134.0	21.6	23.9	27.6	24.0	23.5	21.8	22.9			
G135.0	20.3	23.5	26.6	23.3	22.4	20.8	22.2			
G136.0	19.6	22.6	25.7	21.9	21.2	20.2	21.6			
G137.0	17.9	21.7	24.3	21.0	19.5	19.1	20.2			
G138.0	17.1	21.1	23.4	20.4	19.1	18.3	19.9			
G139.0	15.7	20.3	22.4	19.1	18.1	17.3	18.9			
G140.0	14.8	19.3	21.3	18.2	17.3	16.7	18.1			
G141.0	13.8	18.4	20.0	17.4	16.3	15.7	16.9			
G142.0	13.0	17.3	18.6	16.3	15.2	15.0	16.5			
G143.0	12.2	15.9	17.4	15.1	14.2	14.2	15.1			
G144.0	10.9	15.2	16.0	14.8	12.9	13.7	14.5			
G145.0	9.7	13.8	14.5	13.7	12.3	13.0	13.3			
G146.0	8.1	12.2	13.5	12.5	11.7	12.1	12.6			
G147.0	7.6	11.1	11.8	11.6	10.3	10.6	11.5			

C Plane (°):0.0-360.0: 22.5

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Software: GPM-1900

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	6.3	9.3	10.6	10.3	8.9	9.6	10.3			
G149.0	5.1	7.7	9.2	9.5	7.7	9.0	9.5			
G150.0	4.6	6.6	8.0	8.3	7.2	8.1	8.2			
G151.0	3.8	5.3	6.7	7.4	6.1	7.1	7.0			
G152.0	2.6	4.5	5.4	6.0	5.4	6.0	6.3			
G153.0	2.0	3.0	4.5	5.7	4.5	5.2	5.6			
G154.0	1.7	2.5	3.3	4.7	2.8	4.3	4.4			
G155.0	0.8	1.4	2.1	3.1	2.9	3.6	4.5			
G156.0	0.0	0.0	1.5	2.4	2.0	3.0	3.3			
G157.0	0.0	0.0	0.0	1.1	0.9	1.9	2.4			
G158.0	0.0	0.0	0.0	0.0	0.0	1.2	1.7			
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1			
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8			
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G179.0	0.0	0.0	0.0	0.0	0.0	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

Test Lab: Bay Area Compliance Laboratories Corp (Kunshan)

Test Type: TYPE C

Temperature: 23.6 °C

Operator: LEO

Gamma Plane (°):0.0-180.0:1.0

Test Lab: GPM-1900

Distance: 14.073 m

Humidity: 49

Inspector: