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Lisun Goniophotometer Test Report

Product Info

 Luminaire Category : **PRODUCTY INFORMATION**

 Luminaire : **Rep-shop T8 12.0**

 Lamp Category : **UVB**

 Manufacturer : **PHILIPS**

 Submitter : **Philips Lighting**

 Number of Lamps : **1**

 Lumens per Lamp : **13 mW**

 Luminous Length : **450 mm**

 Luminous Width : **30 mm**

 Luminous Height : **30 mm**

Electric Parameters

 Voltage : **219.86 V** Current : **0.0885 A** Power : **10.66 W** Power Factor : **0.548** Frequency : **50.00 Hz**

Photometric Parameters

 Measurement Range : **UVB**

 Total Rated Lamp Radiant Flux : **12.6 mW**

 Measurement Flux : **12.6 mW**

 Efficiency : **100.00 %**

 Upward Ratio : **27.34 %**

 Downward Ratio : **72.66 %**

 Maximum Radiation Intensity : **2.29 mW/sr**

 Position Of Maximum Intensity : **C0° γ46°**

 Central Radiation Intensity : **1.93 mW/sr**

 Beam Angle (C0-C180,C90-C270) : **233.6 °, 97.7 °**

 Beam Angle (C45-C225,C135-C315) : **176.1 °, 185.0 °**

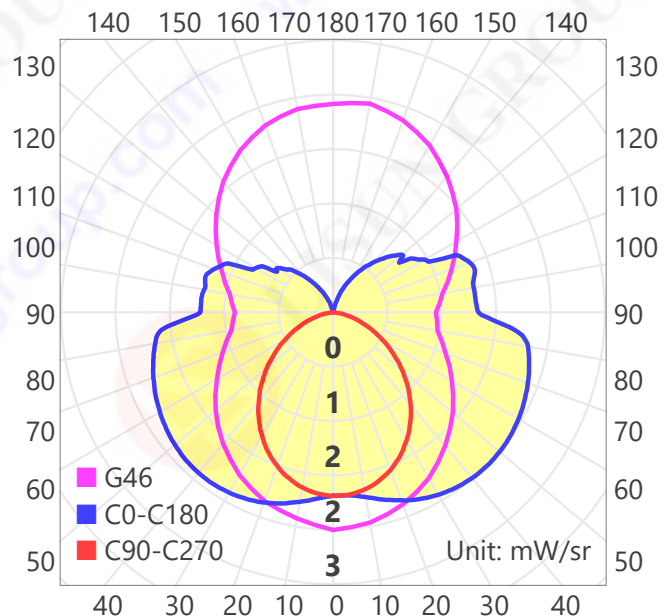
 Field Angle (C0-C180,C90-C270) : **312.2 °, 149.8 °**

 Field Angle (C45-C225,C135-C315) : **297.7 °, 298.9 °**

 Divergence angle (25%) : **H283.7 °, V128.2 °**

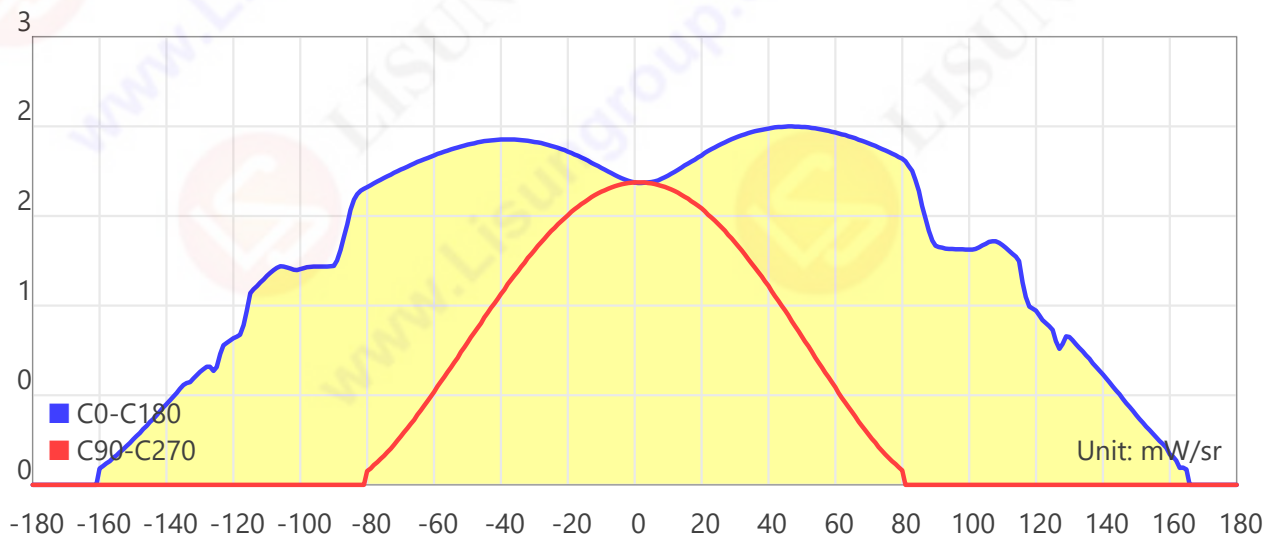
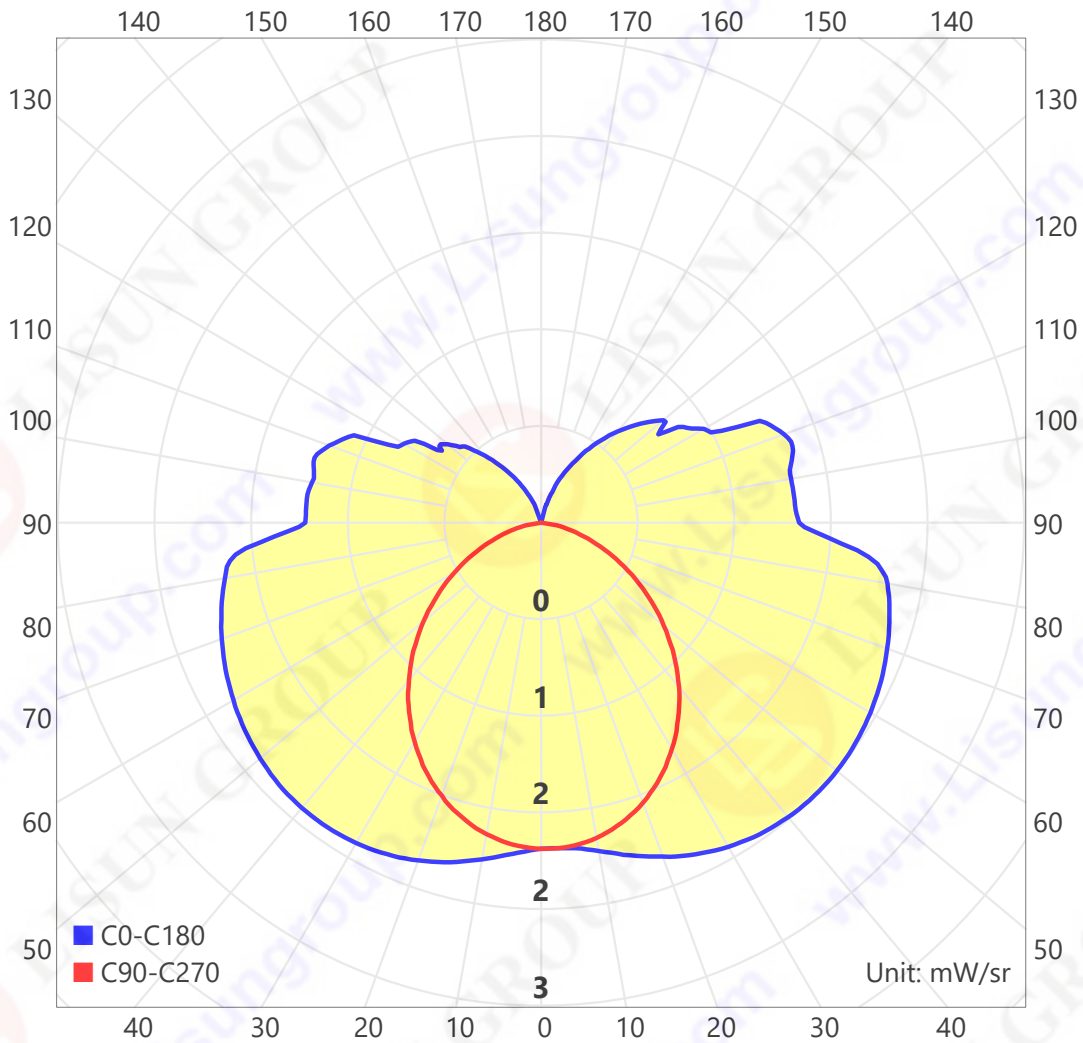
 Divergence angle (50%) : **H234.0 °, V97.6 °**

 Divergence angle (75%) : **H172.8 °, V65.7 °**

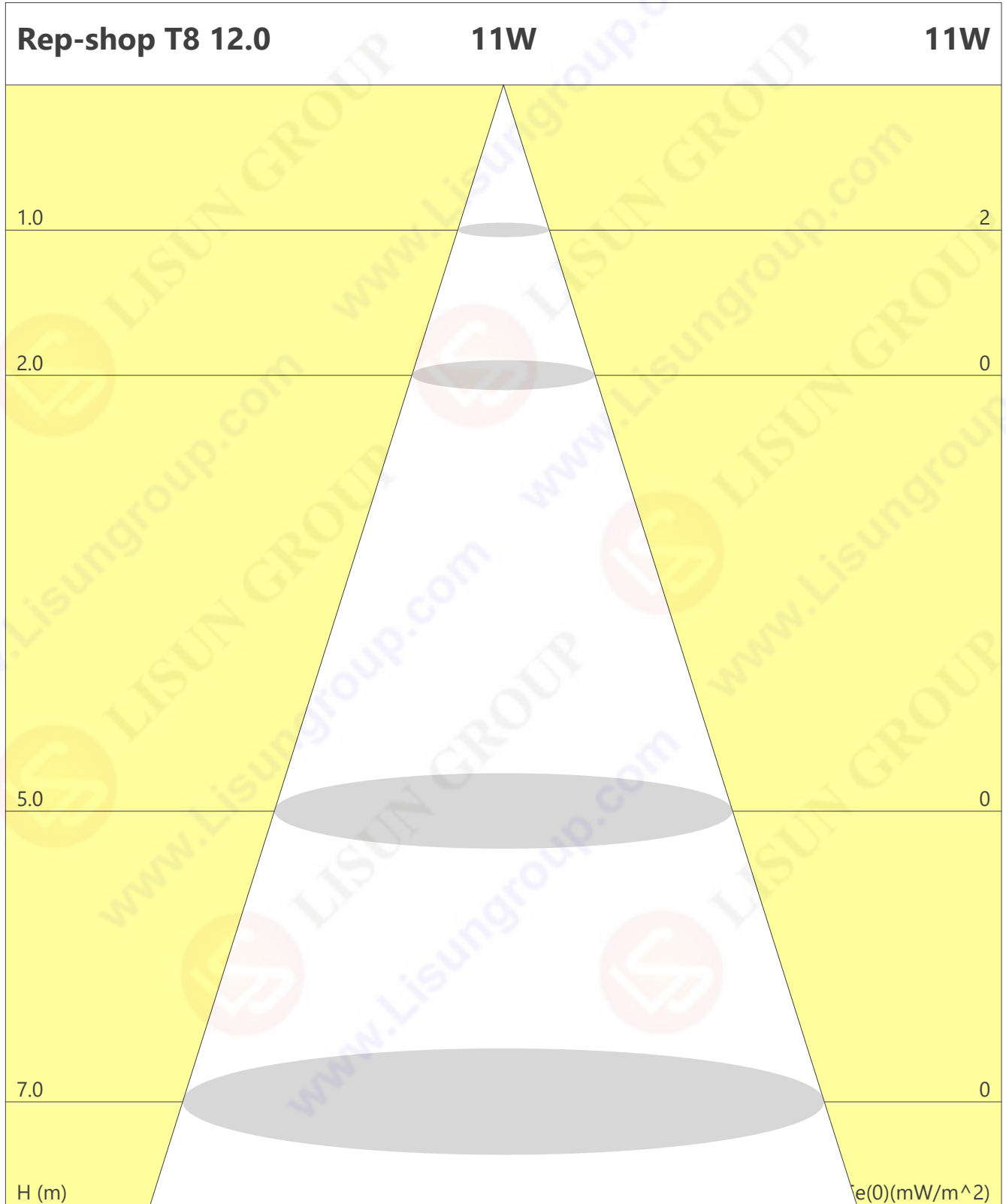
 Divergence angle (90%) : **H153.8 °, V40.6 °**

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Light Distribution Curve



Irradiance-Distance



Test Type : Type C
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

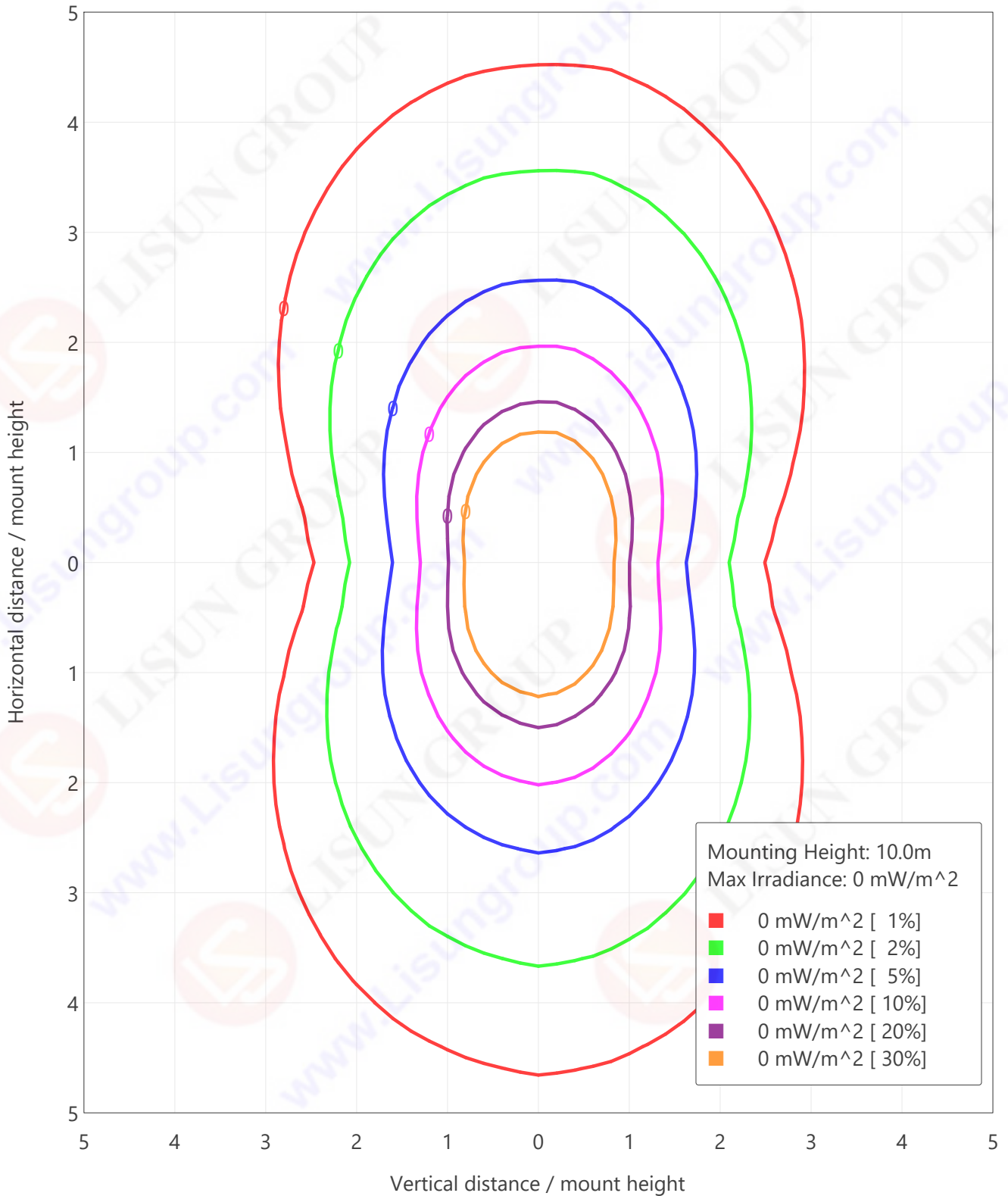
Test Distance : 1.325 m

C Plane (°): 0.0-360.0:10.0
 Temperature : 25.0°C

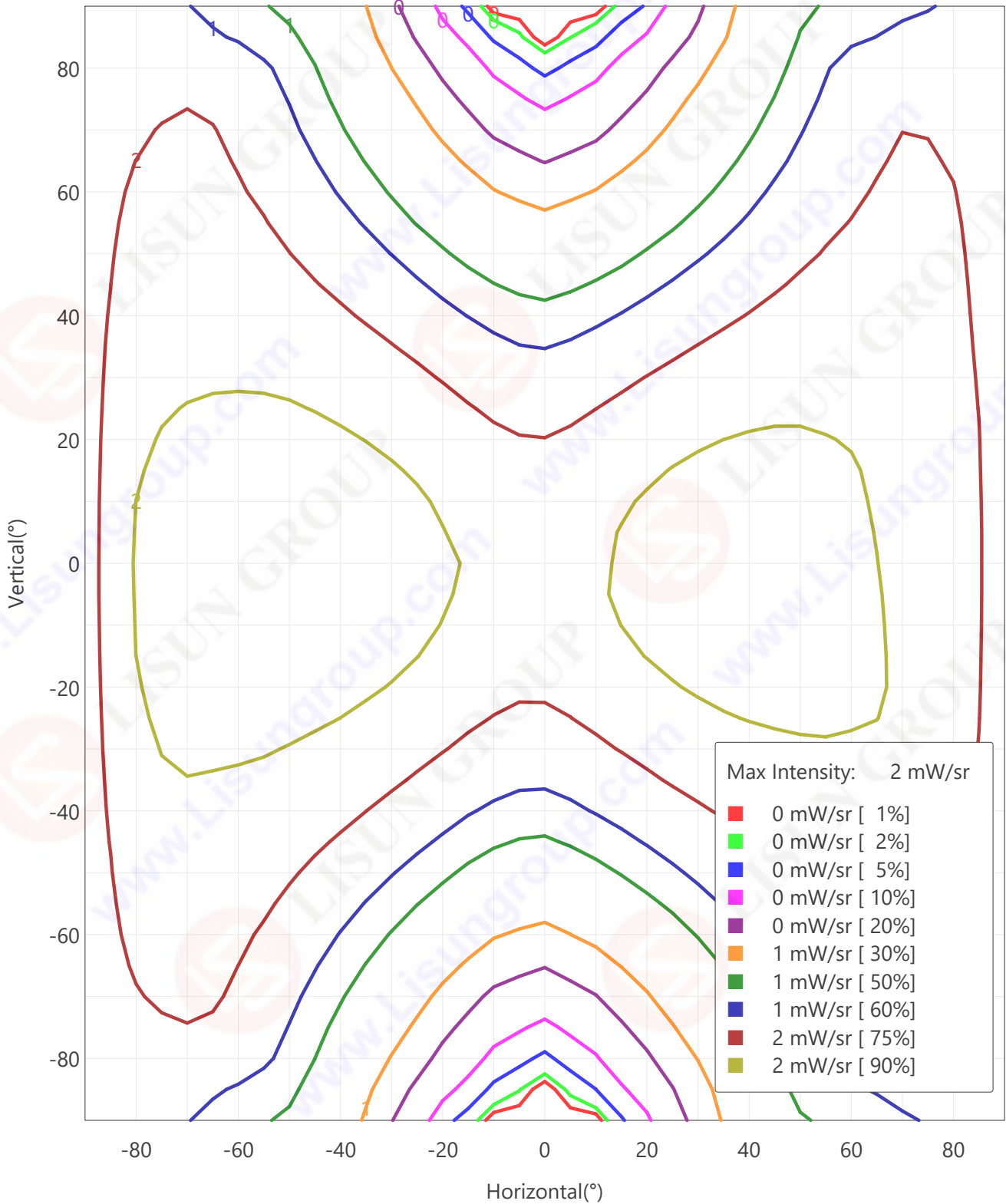
γ (°): 0.0-180.0:1.0
 Humidity : 65.0%

Review By :

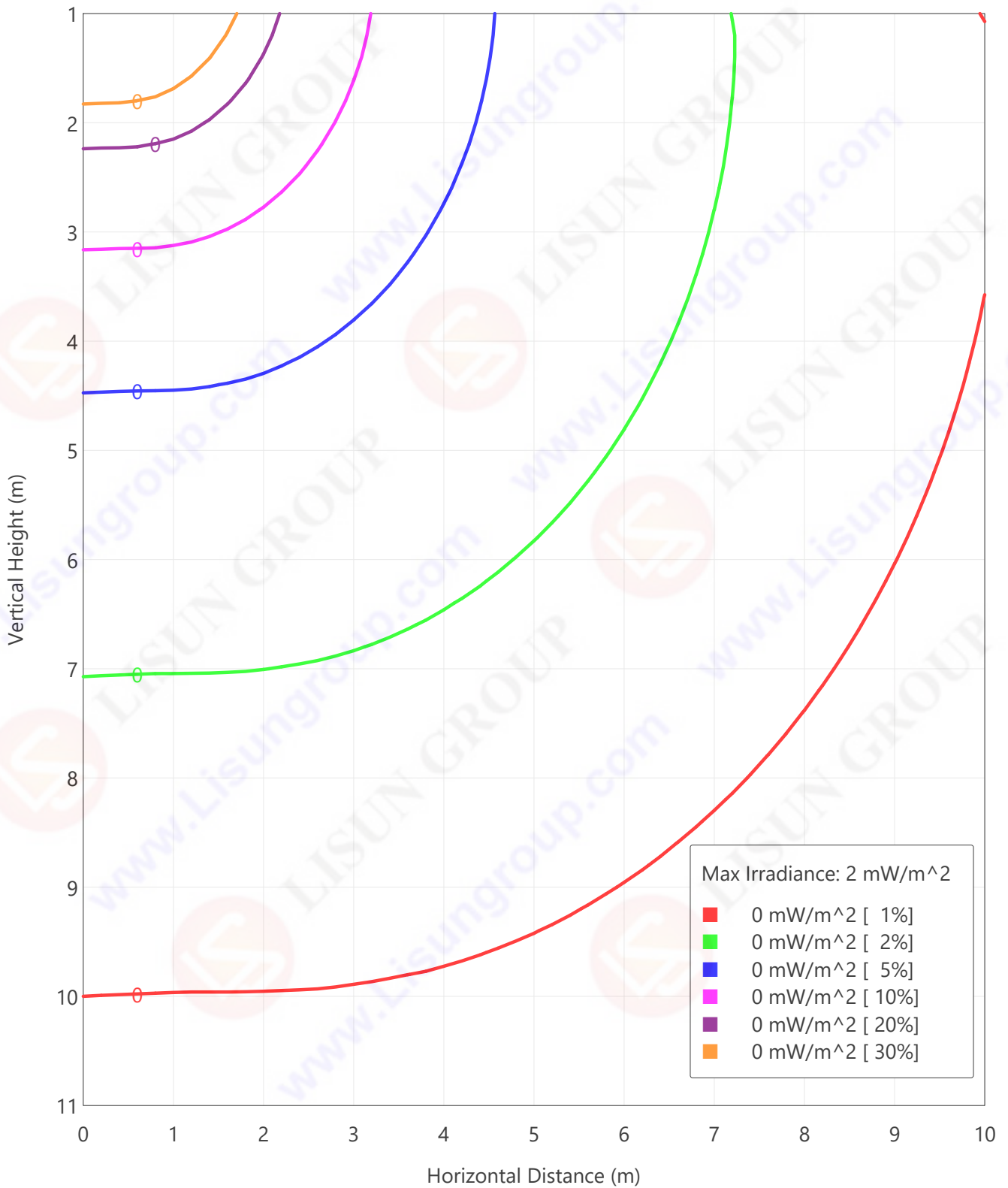
Iso-Irradiance



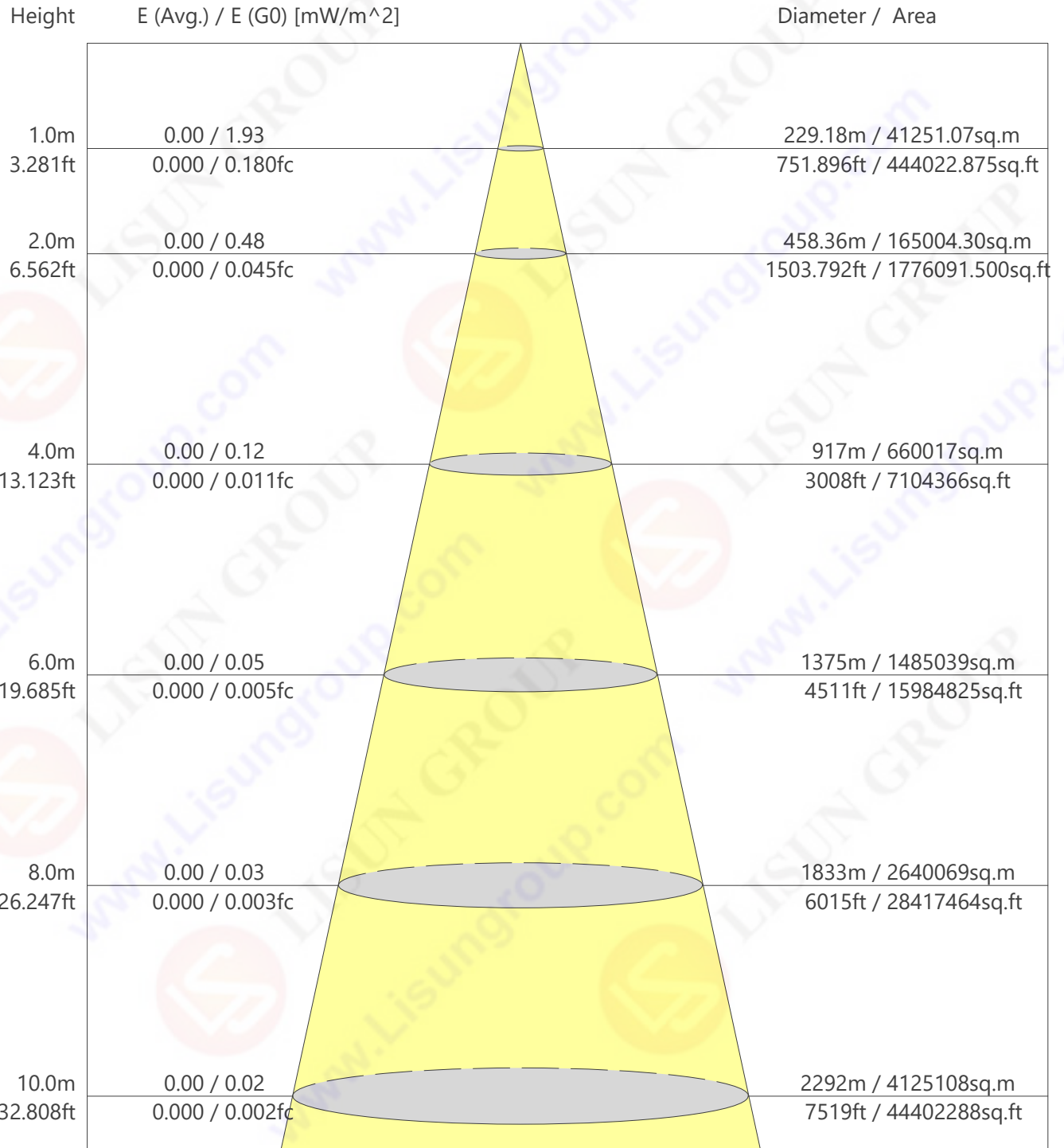
Iso-RadiationIntensity



Vertical Iso-Irradiance Plot



Average Irradiance Effective Figure



Beam Angle: 179° Flux Out: 11.44mW



Area Flux

Vertical ∅(E)	Horizontal																			∅(T)	∅(E)
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
30	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
20	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
10	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
10	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
20	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
90	0.1	0.3	0.4	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.4	0.3	0.1	9	---	
∅(E)	0.1	0.3	0.4	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.6	0.4	0.3	0.1	---	9	

Unit: mW

Test Type: Type C Test Distance: 1.325 m C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
Test Device: Lisun LSG-1890B Temperature: 25.0°C Humidity: 65.0%

Test Lab: Lisun Instruments Limited
Test By: JACK

Review By:

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Test Time : 2023-11-17 15:34:39

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Zonal Flux

Gamma °	I _{mean} mW	Zonal Flux mW	Sum Zonal Flux mW	Rel Zonal Flux %	Sum Rel Zonal Flux %
0.0-1.0	1.9	0.0	0.0	0.01	0.01
1.0-2.0	1.9	0.0	0.0	0.04	0.06
2.0-3.0	1.9	0.0	0.0	0.07	0.13
3.0-4.0	1.9	0.0	0.0	0.10	0.23
4.0-5.0	1.9	0.0	0.0	0.13	0.37
5.0-6.0	1.9	0.0	0.1	0.16	0.53
6.0-7.0	1.9	0.0	0.1	0.19	0.72
7.0-8.0	1.9	0.0	0.1	0.22	0.94
8.0-9.0	1.9	0.0	0.1	0.25	1.19
9.0-10.0	1.9	0.0	0.2	0.28	1.46
10.0-11.0	1.9	0.0	0.2	0.31	1.77
11.0-12.0	1.9	0.0	0.3	0.34	2.11
12.0-13.0	1.9	0.0	0.3	0.37	2.47
13.0-14.0	1.9	0.0	0.4	0.39	2.87
14.0-15.0	1.9	0.1	0.4	0.42	3.29
15.0-16.0	1.9	0.1	0.5	0.45	3.74
16.0-17.0	1.9	0.1	0.5	0.48	4.22
17.0-18.0	1.9	0.1	0.6	0.51	4.73
18.0-19.0	1.9	0.1	0.7	0.54	5.27
19.0-20.0	1.9	0.1	0.7	0.56	5.83
20.0-21.0	1.9	0.1	0.8	0.59	6.42
21.0-22.0	1.9	0.1	0.9	0.62	7.04
22.0-23.0	1.9	0.1	1.0	0.64	7.68
23.0-24.0	1.9	0.1	1.1	0.67	8.35
24.0-25.0	1.9	0.1	1.1	0.69	9.04
25.0-26.0	1.9	0.1	1.2	0.72	9.76
26.0-27.0	1.9	0.1	1.3	0.74	10.50
27.0-28.0	1.9	0.1	1.4	0.76	11.27
28.0-29.0	1.9	0.1	1.5	0.79	12.05
29.0-30.0	1.9	0.1	1.6	0.81	12.86
30.0-31.0	1.9	0.1	1.7	0.83	13.69
31.0-32.0	1.9	0.1	1.8	0.85	14.54
32.0-33.0	1.9	0.1	1.9	0.87	15.42
33.0-34.0	1.9	0.1	2.1	0.89	16.31
34.0-35.0	1.8	0.1	2.2	0.91	17.21
35.0-36.0	1.8	0.1	2.3	0.93	18.14
36.0-37.0	1.8	0.1	2.4	0.94	19.08
37.0-38.0	1.8	0.1	2.5	0.96	20.04
38.0-39.0	1.8	0.1	2.7	0.97	21.02
39.0-40.0	1.8	0.1	2.8	0.99	22.01

Test Type : Type C Test Distance : 1.325 m

Test Device : Lisun LSG-1890B

Test Lab : Lisun Instruments Limited

Test By : JACK

C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0

Temperature : 25.0°C

Humidity : 65.0%

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Zonal Flux

Gamma °	I _{mean} mW	Zonal Flux mW	Sum Zonal Flux mW	Rel Zonal Flux %	Sum Rel Zonal Flux %
40.0-41.0	1.8	0.1	2.9	1.00	23.01
41.0-42.0	1.8	0.1	3.0	1.01	24.02
42.0-43.0	1.8	0.1	3.2	1.03	25.05
43.0-44.0	1.7	0.1	3.3	1.04	26.08
44.0-45.0	1.7	0.1	3.4	1.05	27.13
45.0-46.0	1.7	0.1	3.6	1.06	28.19
46.0-47.0	1.7	0.1	3.7	1.06	29.25
47.0-48.0	1.7	0.1	3.8	1.07	30.32
48.0-49.0	1.7	0.1	4.0	1.08	31.40
49.0-50.0	1.6	0.1	4.1	1.08	32.49
50.0-51.0	1.6	0.1	4.2	1.09	33.57
51.0-52.0	1.6	0.1	4.4	1.09	34.67
52.0-53.0	1.6	0.1	4.5	1.10	35.76
53.0-54.0	1.6	0.1	4.7	1.10	36.86
54.0-55.0	1.6	0.1	4.8	1.10	37.96
55.0-56.0	1.5	0.1	4.9	1.10	39.06
56.0-57.0	1.5	0.1	5.1	1.10	40.16
57.0-58.0	1.5	0.1	5.2	1.10	41.27
58.0-59.0	1.5	0.1	5.4	1.10	42.37
59.0-60.0	1.5	0.1	5.5	1.10	43.46
60.0-61.0	1.5	0.1	5.6	1.10	44.56
61.0-62.0	1.4	0.1	5.8	1.09	45.65
62.0-63.0	1.4	0.1	5.9	1.09	46.74
63.0-64.0	1.4	0.1	6.0	1.08	47.82
64.0-65.0	1.4	0.1	6.2	1.08	48.90
65.0-66.0	1.4	0.1	6.3	1.07	49.98
66.0-67.0	1.3	0.1	6.5	1.07	51.05
67.0-68.0	1.3	0.1	6.6	1.06	52.11
68.0-69.0	1.3	0.1	6.7	1.06	53.16
69.0-70.0	1.3	0.1	6.9	1.05	54.21
70.0-71.0	1.3	0.1	7.0	1.04	55.25
71.0-72.0	1.3	0.1	7.1	1.03	56.29
72.0-73.0	1.2	0.1	7.2	1.02	57.31
73.0-74.0	1.2	0.1	7.4	1.02	58.33
74.0-75.0	1.2	0.1	7.5	1.01	59.34
75.0-76.0	1.2	0.1	7.6	1.00	60.33
76.0-77.0	1.2	0.1	7.8	0.99	61.32
77.0-78.0	1.2	0.1	7.9	0.98	62.30
78.0-79.0	1.1	0.1	8.0	0.97	63.27
79.0-80.0	1.1	0.1	8.1	0.96	64.23

Test Type : Type C Test Distance : 1.325 m

Test Device : Lisun LSG-1890B

Test Lab : Lisun Instruments Limited

Test By : JACK

C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0

Temperature : 25.0°C

Humidity : 65.0%

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Zonal Flux

Gamma °	I _{mean} mW	Zonal Flux mW	Sum Zonal Flux mW	Rel Zonal Flux %	Sum Rel Zonal Flux %
80.0-81.0	1.1	0.1	8.2	0.94	65.17
81.0-82.0	1.1	0.1	8.4	0.93	66.10
82.0-83.0	1.1	0.1	8.5	0.92	67.02
83.0-84.0	1.0	0.1	8.6	0.90	67.92
84.0-85.0	1.0	0.1	8.7	0.88	68.79
85.0-86.0	1.0	0.1	8.8	0.84	69.64
86.0-87.0	0.9	0.1	8.9	0.80	70.44
87.0-88.0	0.9	0.1	9.0	0.77	71.21
88.0-89.0	0.9	0.1	9.1	0.74	71.95
89.0-90.0	0.8	0.1	9.2	0.72	72.66
90.0-91.0	0.8	0.1	9.3	0.71	73.37
91.0-92.0	0.8	0.1	9.4	0.71	74.07
92.0-93.0	0.8	0.1	9.5	0.70	74.78
93.0-94.0	0.8	0.1	9.5	0.70	75.48
94.0-95.0	0.8	0.1	9.6	0.70	76.19
95.0-96.0	0.8	0.1	9.7	0.70	76.89
96.0-97.0	0.8	0.1	9.8	0.70	77.59
97.0-98.0	0.8	0.1	9.9	0.70	78.29
98.0-99.0	0.8	0.1	10.0	0.70	78.99
99.0-100.0	0.8	0.1	10.1	0.69	79.68
100.0-101.0	0.8	0.1	10.2	0.69	80.37
101.0-102.0	0.8	0.1	10.2	0.69	81.06
102.0-103.0	0.8	0.1	10.3	0.69	81.75
103.0-104.0	0.8	0.1	10.4	0.69	82.44
104.0-105.0	0.8	0.1	10.5	0.68	83.12
105.0-106.0	0.8	0.1	10.6	0.68	83.80
106.0-107.0	0.8	0.1	10.7	0.67	84.48
107.0-108.0	0.8	0.1	10.8	0.67	85.14
108.0-109.0	0.8	0.1	10.8	0.66	85.80
109.0-110.0	0.8	0.1	10.9	0.65	86.45
110.0-111.0	0.8	0.1	11.0	0.64	87.08
111.0-112.0	0.8	0.1	11.1	0.62	87.70
112.0-113.0	0.8	0.1	11.2	0.61	88.32
113.0-114.0	0.8	0.1	11.2	0.60	88.91
114.0-115.0	0.7	0.1	11.3	0.58	89.50
115.0-116.0	0.7	0.1	11.4	0.56	90.06
116.0-117.0	0.7	0.1	11.4	0.53	90.58
117.0-118.0	0.7	0.1	11.5	0.50	91.09
118.0-119.0	0.6	0.1	11.6	0.48	91.57
119.0-120.0	0.6	0.1	11.6	0.47	92.04

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%

Review By :

Zonal Flux

Gamma °	I _{mean} mW	Zonal Flux mW	Sum Zonal Flux mW	Rel Zonal Flux %	Sum Rel Zonal Flux %
120.0-121.0	0.6	0.1	11.7	0.45	92.49
121.0-122.0	0.6	0.1	11.7	0.44	92.93
122.0-123.0	0.6	0.1	11.8	0.42	93.35
123.0-124.0	0.6	0.1	11.8	0.40	93.75
124.0-125.0	0.5	0.0	11.9	0.38	94.14
125.0-126.0	0.5	0.0	11.9	0.37	94.50
126.0-127.0	0.5	0.0	12.0	0.35	94.85
127.0-128.0	0.5	0.0	12.0	0.34	95.19
128.0-129.0	0.5	0.0	12.1	0.33	95.52
129.0-130.0	0.5	0.0	12.1	0.32	95.84
130.0-131.0	0.5	0.0	12.2	0.30	96.14
131.0-132.0	0.4	0.0	12.2	0.29	96.43
132.0-133.0	0.4	0.0	12.2	0.28	96.71
133.0-134.0	0.4	0.0	12.3	0.26	96.97
134.0-135.0	0.4	0.0	12.3	0.25	97.22
135.0-136.0	0.4	0.0	12.3	0.24	97.46
136.0-137.0	0.4	0.0	12.3	0.23	97.69
137.0-138.0	0.4	0.0	12.4	0.21	97.90
138.0-139.0	0.3	0.0	12.4	0.20	98.10
139.0-140.0	0.3	0.0	12.4	0.19	98.29
140.0-141.0	0.3	0.0	12.4	0.18	98.47
141.0-142.0	0.3	0.0	12.5	0.16	98.63
142.0-143.0	0.3	0.0	12.5	0.15	98.78
143.0-144.0	0.3	0.0	12.5	0.14	98.92
144.0-145.0	0.3	0.0	12.5	0.13	99.05
145.0-146.0	0.2	0.0	12.5	0.12	99.16
146.0-147.0	0.2	0.0	12.5	0.11	99.27
147.0-148.0	0.2	0.0	12.6	0.10	99.37
148.0-149.0	0.2	0.0	12.6	0.09	99.45
149.0-150.0	0.2	0.0	12.6	0.08	99.53
150.0-151.0	0.2	0.0	12.6	0.07	99.61
151.0-152.0	0.2	0.0	12.6	0.06	99.67
152.0-153.0	0.1	0.0	12.6	0.06	99.73
153.0-154.0	0.1	0.0	12.6	0.05	99.78
154.0-155.0	0.1	0.0	12.6	0.04	99.82
155.0-156.0	0.1	0.0	12.6	0.04	99.86
156.0-157.0	0.1	0.0	12.6	0.03	99.89
157.0-158.0	0.1	0.0	12.6	0.03	99.92
158.0-159.0	0.1	0.0	12.6	0.02	99.94
159.0-160.0	0.1	0.0	12.6	0.02	99.96

Test Type : Type C Test Distance : 1.325 m

Test Device : Lisun LSG-1890B

Test Lab : Lisun Instruments Limited

Test By : JACK

C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0

Temperature : 25.0°C

Humidity : 65.0%

Review By :

Report No. : 8

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Zonal Flux

Gamma °	I _{mean} mW	Zonal Flux mW	Sum Zonal Flux mW	Rel Zonal Flux %	Sum Rel Zonal Flux %
160.0-161.0	0.0	0.0	12.6	0.01	99.98
161.0-162.0	0.0	0.0	12.6	0.01	99.98
162.0-163.0	0.0	0.0	12.6	0.01	99.99
163.0-164.0	0.0	0.0	12.6	0.00	100.00
164.0-165.0	0.0	0.0	12.6	0.00	100.00
165.0-166.0	0.0	0.0	12.6	0.00	100.00
166.0-167.0	0.0	0.0	12.6	0.00	100.00
167.0-168.0	0.0	0.0	12.6	0.00	100.00
168.0-169.0	0.0	0.0	12.6	0.00	100.00
169.0-170.0	0.0	0.0	12.6	0.00	100.00
170.0-171.0	0.0	0.0	12.6	0.00	100.00
171.0-172.0	0.0	0.0	12.6	0.00	100.00
172.0-173.0	0.0	0.0	12.6	0.00	100.00
173.0-174.0	0.0	0.0	12.6	0.00	100.00
174.0-175.0	0.0	0.0	12.6	0.00	100.00
175.0-176.0	0.0	0.0	12.6	0.00	100.00
176.0-177.0	0.0	0.0	12.6	0.00	100.00
177.0-178.0	0.0	0.0	12.6	0.00	100.00
178.0-179.0	0.0	0.0	12.6	0.00	100.00
179.0-180.0	0.0	0.0	12.6	0.00	100.00

Test Type : Type C Test Distance : 1.325 m
Test Device : Lisun LSG-1890B
Test Lab : Lisun Instruments Limited
Test By : JACK

C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
Temperature : 25.0°C Humidity : 65.0%

Review By :

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Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C0.0	C10.0	C20.0	C30.0	C40.0	C50.0	C60.0	C70.0
G0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G1.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G3.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G4.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G5.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G6.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G7.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G8.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9
G9.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
G10.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9
G11.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
G12.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
G13.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
G14.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
G15.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
G16.0	2.1	2.0	2.0	2.0	2.0	1.9	1.9	1.8
G17.0	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8
G18.0	2.1	2.1	2.0	2.0	2.0	1.9	1.9	1.8
G19.0	2.1	2.1	2.1	2.0	2.0	1.9	1.8	1.8
G20.0	2.1	2.1	2.1	2.0	2.0	1.9	1.8	1.8
G21.0	2.1	2.1	2.1	2.0	2.0	1.9	1.8	1.8
G22.0	2.1	2.1	2.1	2.0	2.0	1.9	1.8	1.8
G23.0	2.1	2.1	2.1	2.0	2.0	1.9	1.8	1.7
G24.0	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.7
G25.0	2.2	2.1	2.1	2.0	2.0	1.9	1.8	1.7
G26.0	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.7
G27.0	2.2	2.2	2.1	2.1	2.0	1.9	1.8	1.7
G28.0	2.2	2.2	2.1	2.1	2.0	1.9	1.8	1.7
G29.0	2.2	2.2	2.1	2.1	2.0	1.9	1.7	1.6
G30.0	2.2	2.2	2.1	2.1	2.0	1.8	1.7	1.6
G31.0	2.2	2.2	2.1	2.1	2.0	1.8	1.7	1.6
G32.0	2.2	2.2	2.1	2.1	1.9	1.8	1.7	1.6
G33.0	2.2	2.2	2.2	2.1	1.9	1.8	1.7	1.6
G34.0	2.2	2.2	2.2	2.1	1.9	1.8	1.7	1.5
G35.0	2.3	2.2	2.2	2.1	1.9	1.8	1.7	1.5
G36.0	2.3	2.2	2.2	2.1	1.9	1.8	1.6	1.5
G37.0	2.3	2.2	2.2	2.1	1.9	1.8	1.6	1.5
G38.0	2.3	2.2	2.2	2.1	1.9	1.8	1.6	1.5
G39.0	2.3	2.2	2.2	2.1	1.9	1.7	1.6	1.4

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C0.0	C10.0	C20.0	C30.0	C40.0	C50.0	C60.0	C70.0
G40.0	2.3	2.2	2.2	2.0	1.9	1.7	1.6	1.4
G41.0	2.3	2.2	2.2	2.0	1.9	1.7	1.5	1.4
G42.0	2.3	2.2	2.2	2.0	1.9	1.7	1.5	1.4
G43.0	2.3	2.2	2.2	2.0	1.9	1.7	1.5	1.3
G44.0	2.3	2.2	2.2	2.0	1.9	1.7	1.5	1.3
G45.0	2.3	2.2	2.2	2.0	1.9	1.7	1.5	1.3
G46.0	2.3	2.2	2.2	2.0	1.8	1.6	1.4	1.3
G47.0	2.3	2.2	2.2	2.0	1.8	1.6	1.4	1.2
G48.0	2.3	2.2	2.1	2.0	1.8	1.6	1.4	1.2
G49.0	2.3	2.2	2.1	2.0	1.8	1.6	1.4	1.2
G50.0	2.3	2.2	2.1	2.0	1.8	1.6	1.4	1.2
G51.0	2.3	2.2	2.1	2.0	1.8	1.6	1.3	1.1
G52.0	2.3	2.2	2.1	2.0	1.8	1.5	1.3	1.1
G53.0	2.3	2.2	2.1	2.0	1.7	1.5	1.3	1.1
G54.0	2.3	2.2	2.1	1.9	1.7	1.5	1.3	1.0
G55.0	2.3	2.2	2.1	1.9	1.7	1.5	1.2	1.0
G56.0	2.3	2.2	2.1	1.9	1.7	1.5	1.2	1.0
G57.0	2.3	2.2	2.1	1.9	1.7	1.4	1.2	1.0
G58.0	2.3	2.2	2.1	1.9	1.7	1.4	1.2	0.9
G59.0	2.3	2.2	2.1	1.9	1.7	1.4	1.2	0.9
G60.0	2.3	2.2	2.1	1.9	1.6	1.4	1.1	0.9
G61.0	2.2	2.2	2.1	1.9	1.6	1.4	1.1	0.9
G62.0	2.2	2.2	2.1	1.9	1.6	1.3	1.1	0.8
G63.0	2.2	2.2	2.0	1.8	1.6	1.3	1.1	0.8
G64.0	2.2	2.2	2.0	1.8	1.6	1.3	1.0	0.8
G65.0	2.2	2.2	2.0	1.8	1.6	1.3	1.0	0.8
G66.0	2.2	2.2	2.0	1.8	1.6	1.3	1.0	0.7
G67.0	2.2	2.1	2.0	1.8	1.5	1.3	1.0	0.7
G68.0	2.2	2.1	2.0	1.8	1.5	1.2	0.9	0.7
G69.0	2.2	2.1	2.0	1.8	1.5	1.2	0.9	0.7
G70.0	2.2	2.1	2.0	1.8	1.5	1.2	0.9	0.6
G71.0	2.2	2.1	2.0	1.8	1.5	1.2	0.9	0.6
G72.0	2.2	2.1	2.0	1.7	1.5	1.2	0.9	0.6
G73.0	2.2	2.1	1.9	1.7	1.4	1.1	0.8	0.6
G74.0	2.1	2.1	1.9	1.7	1.4	1.1	0.8	0.5
G75.0	2.1	2.1	1.9	1.7	1.4	1.1	0.8	0.5
G76.0	2.1	2.1	1.9	1.7	1.4	1.1	0.8	0.5
G77.0	2.1	2.0	1.9	1.7	1.4	1.1	0.8	0.5
G78.0	2.1	2.0	1.9	1.7	1.4	1.1	0.7	0.5
G79.0	2.1	2.0	1.9	1.6	1.4	1.0	0.7	0.4

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Report No. : 8

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Light Distribution Data

Unit: mW

G\C	C0.0	C10.0	C20.0	C30.0	C40.0	C50.0	C60.0	C70.0
G80.0	2.1	2.0	1.9	1.6	1.3	1.0	0.7	0.4
G81.0	2.1	2.0	1.8	1.6	1.3	1.0	0.7	0.4
G82.0	2.0	2.0	1.8	1.6	1.3	1.0	0.6	0.4
G83.0	2.0	1.9	1.8	1.6	1.3	1.0	0.6	0.3
G84.0	2.0	1.9	1.8	1.6	1.3	0.9	0.6	0.3
G85.0	1.9	1.8	1.7	1.5	1.3	0.9	0.6	0.3
G86.0	1.8	1.7	1.6	1.4	1.2	0.9	0.5	0.3
G87.0	1.7	1.7	1.5	1.4	1.2	0.9	0.5	0.2
G88.0	1.6	1.6	1.5	1.3	1.2	0.9	0.5	0.2
G89.0	1.6	1.5	1.4	1.3	1.1	0.9	0.5	0.2
G90.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.1
G91.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.1
G92.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.1
G93.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.1
G94.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.1
G95.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.1
G96.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.2
G97.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.2
G98.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.2
G99.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.2
G100.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.2
G101.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.2
G102.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.2
G103.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.2
G104.0	1.5	1.5	1.4	1.3	1.1	0.8	0.5	0.2
G105.0	1.5	1.5	1.4	1.3	1.1	0.8	0.5	0.2
G106.0	1.6	1.5	1.4	1.3	1.1	0.8	0.5	0.2
G107.0	1.6	1.5	1.4	1.3	1.1	0.8	0.5	0.2
G108.0	1.6	1.5	1.4	1.2	1.1	0.8	0.5	0.2
G109.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.2
G110.0	1.5	1.5	1.4	1.2	1.1	0.8	0.5	0.2
G111.0	1.5	1.5	1.4	1.2	1.0	0.8	0.5	0.2
G112.0	1.5	1.5	1.3	1.2	1.0	0.8	0.5	0.2
G113.0	1.5	1.4	1.3	1.2	1.0	0.8	0.5	0.2
G114.0	1.5	1.4	1.3	1.2	1.0	0.8	0.4	0.2
G115.0	1.4	1.4	1.3	1.2	1.0	0.8	0.4	0.2
G116.0	1.3	1.2	1.3	1.1	1.0	0.7	0.4	0.2
G117.0	1.2	1.0	1.3	1.1	1.0	0.7	0.4	0.2
G118.0	1.1	0.9	1.2	1.1	0.9	0.7	0.4	0.2
G119.0	1.1	0.9	1.2	1.1	0.9	0.7	0.4	0.2

Test Type : Type C Test Distance : 1.325 m

Test Device : Lisun LSG-1890B

Test Lab : Lisun Instruments Limited

Test By : JACK

C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0

Temperature : 25.0°C

Humidity : 65.0%

Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C0.0	C10.0	C20.0	C30.0	C40.0	C50.0	C60.0	C70.0
G120.0	1.1	0.9	1.1	1.0	0.9	0.7	0.4	0.2
G121.0	1.1	0.9	1.1	1.0	0.9	0.7	0.4	0.2
G122.0	1.1	0.9	1.0	1.0	0.9	0.7	0.4	0.2
G123.0	1.0	0.9	1.0	1.0	0.9	0.7	0.4	0.2
G124.0	1.0	0.9	0.9	0.9	0.9	0.6	0.4	0.2
G125.0	1.0	0.8	0.9	0.9	0.8	0.6	0.4	0.2
G126.0	0.9	0.8	0.9	0.9	0.8	0.6	0.4	0.2
G127.0	0.9	0.8	0.8	0.9	0.8	0.6	0.4	0.2
G128.0	0.9	0.8	0.8	0.8	0.8	0.6	0.4	0.2
G129.0	0.9	0.8	0.8	0.8	0.7	0.6	0.4	0.2
G130.0	0.9	0.8	0.7	0.8	0.7	0.6	0.3	0.2
G131.0	0.9	0.8	0.7	0.7	0.7	0.5	0.3	0.2
G132.0	0.9	0.8	0.7	0.7	0.7	0.5	0.3	0.2
G133.0	0.9	0.8	0.7	0.7	0.7	0.5	0.3	0.1
G134.0	0.9	0.8	0.7	0.7	0.7	0.5	0.3	0.1
G135.0	0.8	0.8	0.7	0.7	0.6	0.5	0.3	0.1
G136.0	0.8	0.7	0.7	0.7	0.6	0.5	0.3	0.1
G137.0	0.8	0.7	0.7	0.6	0.6	0.4	0.3	0.1
G138.0	0.8	0.7	0.7	0.6	0.5	0.4	0.3	0.1
G139.0	0.7	0.7	0.6	0.6	0.5	0.4	0.2	0.1
G140.0	0.7	0.7	0.6	0.5	0.5	0.4	0.2	0.1
G141.0	0.7	0.7	0.6	0.5	0.4	0.3	0.2	0.1
G142.0	0.7	0.6	0.6	0.5	0.4	0.3	0.2	0.1
G143.0	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.0
G144.0	0.6	0.6	0.5	0.5	0.4	0.3	0.2	0.0
G145.0	0.6	0.5	0.5	0.4	0.4	0.3	0.2	0.0
G146.0	0.6	0.5	0.5	0.4	0.3	0.2	0.2	0.0
G147.0	0.5	0.5	0.5	0.4	0.3	0.2	0.1	0.0
G148.0	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.0
G149.0	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.0
G150.0	0.4	0.4	0.4	0.3	0.3	0.2	0.1	0.0
G151.0	0.4	0.4	0.4	0.3	0.2	0.2	0.1	0.0
G152.0	0.4	0.4	0.3	0.3	0.2	0.2	0.1	0.0
G153.0	0.4	0.4	0.3	0.3	0.2	0.2	0.0	0.0
G154.0	0.4	0.3	0.3	0.3	0.2	0.1	0.0	0.0
G155.0	0.3	0.3	0.3	0.2	0.2	0.1	0.0	0.0
G156.0	0.3	0.3	0.3	0.2	0.2	0.1	0.0	0.0
G157.0	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0
G158.0	0.3	0.2	0.2	0.2	0.1	0.0	0.0	0.0
G159.0	0.2	0.2	0.2	0.2	0.1	0.0	0.0	0.0

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C0.0	C10.0	C20.0	C30.0	C40.0	C50.0	C60.0	C70.0
G160.0	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0
G161.0	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0
G162.0	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0
G163.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
G164.0	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0
G165.0	0.1	0.1	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
G167.0	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
G169.0	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
G171.0	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
G173.0	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
G175.0	0.0	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	0.0
G177.0	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
G179.0	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

Test Type : Type C Test Distance : 1.325 m

Test Device : Lisun LSG-1890B

Test Lab : Lisun Instruments Limited

Test By : JACK

C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0

Temperature : 25.0°C

Humidity : 65.0%

Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C80.0	C90.0	C100.0	C110.0	C120.0	C130.0	C140.0	C150.0
G0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G1.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G3.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	2.0
G4.0	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0
G5.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
G6.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
G7.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
G8.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
G9.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
G10.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
G11.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
G12.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
G13.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
G14.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
G15.0	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.1
G16.0	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.1
G17.0	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.1
G18.0	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.1
G19.0	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.1
G20.0	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.1
G21.0	1.7	1.7	1.8	1.8	1.9	2.0	2.0	2.1
G22.0	1.7	1.7	1.8	1.8	1.9	2.0	2.0	2.1
G23.0	1.7	1.7	1.7	1.8	1.9	2.0	2.0	2.1
G24.0	1.7	1.7	1.7	1.8	1.9	2.0	2.0	2.1
G25.0	1.7	1.7	1.7	1.8	1.9	2.0	2.0	2.1
G26.0	1.6	1.6	1.7	1.8	1.9	1.9	2.0	2.1
G27.0	1.6	1.6	1.7	1.8	1.8	1.9	2.0	2.1
G28.0	1.6	1.6	1.6	1.7	1.8	1.9	2.0	2.1
G29.0	1.6	1.6	1.6	1.7	1.8	1.9	2.0	2.1
G30.0	1.6	1.6	1.6	1.7	1.8	1.9	2.0	2.1
G31.0	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1
G32.0	1.5	1.5	1.6	1.7	1.8	1.9	2.0	2.1
G33.0	1.5	1.5	1.5	1.6	1.8	1.9	2.0	2.1
G34.0	1.5	1.4	1.5	1.6	1.7	1.9	2.0	2.1
G35.0	1.4	1.4	1.5	1.6	1.7	1.9	2.0	2.1
G36.0	1.4	1.4	1.5	1.6	1.7	1.8	2.0	2.1
G37.0	1.4	1.4	1.4	1.5	1.7	1.8	2.0	2.1
G38.0	1.3	1.3	1.4	1.5	1.7	1.8	2.0	2.1
G39.0	1.3	1.3	1.4	1.5	1.6	1.8	1.9	2.1

Test Type : Type C Test Distance : 1.325 m

Test Device : Lisun LSG-1890B

Test Lab : Lisun Instruments Limited

Test By : JACK

C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0

Temperature : 25.0°C

Humidity : 65.0%

Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C80.0	C90.0	C100.0	C110.0	C120.0	C130.0	C140.0	C150.0
G40.0	1.3	1.3	1.3	1.5	1.6	1.8	1.9	2.1
G41.0	1.3	1.2	1.3	1.5	1.6	1.8	1.9	2.1
G42.0	1.2	1.2	1.3	1.4	1.6	1.8	1.9	2.1
G43.0	1.2	1.2	1.3	1.4	1.6	1.7	1.9	2.1
G44.0	1.2	1.1	1.2	1.4	1.5	1.7	1.9	2.0
G45.0	1.1	1.1	1.2	1.4	1.5	1.7	1.9	2.0
G46.0	1.1	1.1	1.2	1.3	1.5	1.7	1.9	2.0
G47.0	1.1	1.0	1.1	1.3	1.5	1.7	1.9	2.0
G48.0	1.1	1.0	1.1	1.3	1.5	1.7	1.8	2.0
G49.0	1.0	1.0	1.1	1.2	1.4	1.6	1.8	2.0
G50.0	1.0	0.9	1.0	1.2	1.4	1.6	1.8	2.0
G51.0	1.0	0.9	1.0	1.2	1.4	1.6	1.8	2.0
G52.0	0.9	0.9	1.0	1.2	1.4	1.6	1.8	2.0
G53.0	0.9	0.9	1.0	1.1	1.3	1.6	1.8	2.0
G54.0	0.9	0.8	0.9	1.1	1.3	1.5	1.7	1.9
G55.0	0.8	0.8	0.9	1.1	1.3	1.5	1.7	1.9
G56.0	0.8	0.8	0.9	1.0	1.3	1.5	1.7	1.9
G57.0	0.8	0.7	0.8	1.0	1.2	1.5	1.7	1.9
G58.0	0.8	0.7	0.8	1.0	1.2	1.5	1.7	1.9
G59.0	0.7	0.7	0.8	1.0	1.2	1.4	1.7	1.9
G60.0	0.7	0.6	0.7	0.9	1.2	1.4	1.7	1.9
G61.0	0.7	0.6	0.7	0.9	1.1	1.4	1.6	1.9
G62.0	0.6	0.6	0.7	0.9	1.1	1.4	1.6	1.8
G63.0	0.6	0.5	0.6	0.8	1.1	1.4	1.6	1.8
G64.0	0.6	0.5	0.6	0.8	1.1	1.3	1.6	1.8
G65.0	0.5	0.5	0.6	0.8	1.0	1.3	1.6	1.8
G66.0	0.5	0.4	0.6	0.8	1.0	1.3	1.6	1.8
G67.0	0.5	0.4	0.5	0.7	1.0	1.3	1.5	1.8
G68.0	0.5	0.4	0.5	0.7	1.0	1.3	1.5	1.8
G69.0	0.4	0.3	0.5	0.7	1.0	1.2	1.5	1.8
G70.0	0.4	0.3	0.4	0.7	0.9	1.2	1.5	1.7
G71.0	0.4	0.3	0.4	0.6	0.9	1.2	1.5	1.7
G72.0	0.4	0.3	0.4	0.6	0.9	1.2	1.5	1.7
G73.0	0.3	0.2	0.4	0.6	0.9	1.2	1.4	1.7
G74.0	0.3	0.2	0.3	0.6	0.8	1.1	1.4	1.7
G75.0	0.3	0.2	0.3	0.5	0.8	1.1	1.4	1.7
G76.0	0.3	0.2	0.3	0.5	0.8	1.1	1.4	1.7
G77.0	0.2	0.2	0.3	0.5	0.8	1.1	1.4	1.6
G78.0	0.2	0.1	0.3	0.5	0.8	1.1	1.4	1.6
G79.0	0.2	0.1	0.2	0.5	0.7	1.0	1.3	1.6

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C80.0	C90.0	C100.0	C110.0	C120.0	C130.0	C140.0	C150.0
G80.0	0.2	0.1	0.2	0.4	0.7	1.0	1.3	1.6
G81.0	0.2	0.0	0.2	0.4	0.7	1.0	1.3	1.6
G82.0	0.2	0.0	0.2	0.4	0.7	1.0	1.3	1.6
G83.0	0.1	0.0	0.2	0.4	0.6	1.0	1.3	1.6
G84.0	0.1	0.0	0.1	0.3	0.6	1.0	1.3	1.5
G85.0	0.1	0.0	0.1	0.3	0.6	0.9	1.2	1.5
G86.0	0.0	0.0	0.1	0.3	0.6	0.9	1.2	1.5
G87.0	0.0	0.0	0.0	0.3	0.6	0.9	1.2	1.4
G88.0	0.0	0.0	0.0	0.2	0.5	0.9	1.2	1.3
G89.0	0.0	0.0	0.0	0.2	0.5	0.9	1.1	1.3
G90.0	0.0	0.0	0.0	0.2	0.5	0.9	1.1	1.2
G91.0	0.0	0.0	0.0	0.2	0.5	0.9	1.1	1.2
G92.0	0.0	0.0	0.0	0.2	0.5	0.9	1.1	1.2
G93.0	0.0	0.0	0.0	0.2	0.5	0.9	1.1	1.2
G94.0	0.0	0.0	0.0	0.2	0.5	0.9	1.1	1.2
G95.0	0.0	0.0	0.0	0.2	0.5	0.9	1.1	1.2
G96.0	0.0	0.0	0.0	0.2	0.5	0.9	1.1	1.2
G97.0	0.0	0.0	0.0	0.2	0.5	0.9	1.1	1.2
G98.0	0.0	0.0	0.0	0.2	0.5	0.9	1.1	1.2
G99.0	0.0	0.0	0.0	0.2	0.5	0.9	1.1	1.2
G100.0	0.0	0.0	0.0	0.2	0.5	0.9	1.1	1.2
G101.0	0.0	0.0	0.0	0.2	0.5	0.9	1.1	1.2
G102.0	0.0	0.0	0.0	0.2	0.5	0.8	1.1	1.2
G103.0	0.0	0.0	0.0	0.2	0.5	0.8	1.1	1.2
G104.0	0.0	0.0	0.0	0.2	0.5	0.8	1.1	1.2
G105.0	0.0	0.0	0.0	0.2	0.5	0.8	1.1	1.2
G106.0	0.0	0.0	0.0	0.2	0.5	0.8	1.1	1.2
G107.0	0.0	0.0	0.0	0.2	0.5	0.8	1.0	1.2
G108.0	0.0	0.0	0.0	0.2	0.5	0.8	1.0	1.2
G109.0	0.0	0.0	0.0	0.2	0.5	0.8	1.0	1.2
G110.0	0.0	0.0	0.0	0.2	0.4	0.8	1.0	1.2
G111.0	0.0	0.0	0.0	0.2	0.4	0.7	1.0	1.1
G112.0	0.0	0.0	0.0	0.2	0.4	0.7	1.0	1.1
G113.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
G114.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
G115.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.1
G116.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.0
G117.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	1.0
G118.0	0.0	0.0	0.0	0.2	0.4	0.6	0.9	1.0
G119.0	0.0	0.0	0.0	0.2	0.4	0.6	0.8	1.0

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Light Distribution Data

Unit: mW

G\C	C80.0	C90.0	C100.0	C110.0	C120.0	C130.0	C140.0	C150.0
G120.0	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.9
G121.0	0.0	0.0	0.0	0.2	0.4	0.6	0.8	0.9
G122.0	0.0	0.0	0.0	0.1	0.3	0.6	0.8	0.9
G123.0	0.0	0.0	0.0	0.1	0.3	0.6	0.8	0.8
G124.0	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.8
G125.0	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.8
G126.0	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.7
G127.0	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.7
G128.0	0.0	0.0	0.0	0.1	0.3	0.5	0.6	0.7
G129.0	0.0	0.0	0.0	0.1	0.3	0.5	0.6	0.7
G130.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.6
G131.0	0.0	0.0	0.0	0.1	0.3	0.4	0.6	0.6
G132.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	0.6
G133.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.6
G134.0	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.6
G135.0	0.0	0.0	0.0	0.0	0.2	0.4	0.5	0.5
G136.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.5
G137.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.5
G138.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.5
G139.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.4
G140.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.4
G141.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4
G142.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4
G143.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4
G144.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3
G145.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3
G146.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3
G147.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3
G148.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3
G149.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2
G150.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2
G151.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Test Type : Type C Test Distance : 1.325 m

Test Device : Lisun LSG-1890B

Test Lab : Lisun Instruments Limited

Test By : JACK

C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0

Temperature : 25.0°C

Humidity : 65.0%

Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C80.0	C90.0	C100.0	C110.0	C120.0	C130.0	C140.0	C150.0
G160.0	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
G162.0	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
G164.0	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
G166.0	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
G168.0	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
G170.0	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
G172.0	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
G174.0	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	0.0	0.0	0.0
G176.0	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
G178.0	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
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C160.0	C170.0	C180.0	C190.0	C200.0	C210.0	C220.0	C230.0
G0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G1.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G3.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9
G4.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9
G5.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
G6.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
G7.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
G8.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
G9.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9
G10.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
G11.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
G12.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0
G13.0	2.1	2.1	2.1	2.1	2.0	2.0	2.0	1.9
G14.0	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.9
G15.0	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.9
G16.0	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.9
G17.0	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.9
G18.0	2.1	2.1	2.1	2.1	2.1	2.0	2.0	1.9
G19.0	2.1	2.1	2.1	2.1	2.1	2.1	2.0	1.9
G20.0	2.1	2.2	2.1	2.1	2.1	2.1	2.0	1.9
G21.0	2.1	2.2	2.1	2.1	2.1	2.1	2.0	1.9
G22.0	2.1	2.2	2.1	2.1	2.1	2.1	2.0	1.9
G23.0	2.1	2.2	2.2	2.1	2.1	2.1	2.0	1.9
G24.0	2.2	2.2	2.2	2.2	2.1	2.1	2.0	1.9
G25.0	2.2	2.2	2.2	2.2	2.1	2.1	2.0	1.9
G26.0	2.2	2.2	2.2	2.2	2.1	2.1	2.0	1.9
G27.0	2.2	2.2	2.2	2.2	2.1	2.1	2.0	1.9
G28.0	2.2	2.2	2.2	2.2	2.1	2.1	2.0	1.9
G29.0	2.2	2.2	2.2	2.2	2.1	2.1	2.0	1.9
G30.0	2.2	2.2	2.2	2.2	2.1	2.1	2.0	1.9
G31.0	2.2	2.2	2.2	2.2	2.1	2.1	2.0	1.8
G32.0	2.2	2.2	2.2	2.2	2.1	2.1	1.9	1.8
G33.0	2.2	2.2	2.2	2.2	2.1	2.1	1.9	1.8
G34.0	2.2	2.2	2.2	2.2	2.1	2.0	1.9	1.8
G35.0	2.2	2.2	2.2	2.2	2.1	2.0	1.9	1.8
G36.0	2.2	2.2	2.2	2.2	2.1	2.0	1.9	1.8
G37.0	2.2	2.2	2.2	2.2	2.1	2.0	1.9	1.8
G38.0	2.2	2.2	2.2	2.2	2.1	2.0	1.9	1.7
G39.0	2.2	2.2	2.2	2.2	2.1	2.0	1.9	1.7

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C160.0	C170.0	C180.0	C190.0	C200.0	C210.0	C220.0	C230.0
G40.0	2.2	2.2	2.2	2.2	2.1	2.0	1.9	1.7
G41.0	2.2	2.2	2.2	2.2	2.1	2.0	1.9	1.7
G42.0	2.2	2.2	2.2	2.2	2.1	2.0	1.8	1.7
G43.0	2.2	2.2	2.2	2.2	2.1	2.0	1.8	1.7
G44.0	2.2	2.2	2.2	2.2	2.1	2.0	1.8	1.6
G45.0	2.2	2.2	2.2	2.2	2.1	2.0	1.8	1.6
G46.0	2.2	2.2	2.2	2.2	2.1	2.0	1.8	1.6
G47.0	2.1	2.2	2.2	2.2	2.1	2.0	1.8	1.6
G48.0	2.1	2.2	2.2	2.2	2.1	1.9	1.8	1.6
G49.0	2.1	2.2	2.2	2.2	2.1	1.9	1.8	1.6
G50.0	2.1	2.2	2.2	2.2	2.1	1.9	1.7	1.5
G51.0	2.1	2.2	2.2	2.1	2.1	1.9	1.7	1.5
G52.0	2.1	2.2	2.2	2.1	2.1	1.9	1.7	1.5
G53.0	2.1	2.2	2.2	2.1	2.0	1.9	1.7	1.5
G54.0	2.1	2.2	2.1	2.1	2.0	1.9	1.7	1.5
G55.0	2.1	2.2	2.1	2.1	2.0	1.9	1.7	1.4
G56.0	2.1	2.2	2.1	2.1	2.0	1.9	1.6	1.4
G57.0	2.1	2.2	2.1	2.1	2.0	1.8	1.6	1.4
G58.0	2.1	2.2	2.1	2.1	2.0	1.8	1.6	1.4
G59.0	2.0	2.2	2.1	2.1	2.0	1.8	1.6	1.4
G60.0	2.0	2.1	2.1	2.1	2.0	1.8	1.6	1.3
G61.0	2.0	2.1	2.1	2.1	2.0	1.8	1.6	1.3
G62.0	2.0	2.1	2.1	2.1	2.0	1.8	1.6	1.3
G63.0	2.0	2.1	2.1	2.1	1.9	1.8	1.5	1.3
G64.0	2.0	2.1	2.1	2.0	1.9	1.8	1.5	1.3
G65.0	2.0	2.1	2.1	2.0	1.9	1.7	1.5	1.2
G66.0	2.0	2.1	2.1	2.0	1.9	1.7	1.5	1.2
G67.0	2.0	2.1	2.0	2.0	1.9	1.7	1.5	1.2
G68.0	2.0	2.1	2.0	2.0	1.9	1.7	1.5	1.2
G69.0	1.9	2.1	2.0	2.0	1.9	1.7	1.4	1.2
G70.0	1.9	2.1	2.0	2.0	1.9	1.7	1.4	1.1
G71.0	1.9	2.0	2.0	2.0	1.9	1.7	1.4	1.1
G72.0	1.9	2.0	2.0	2.0	1.8	1.6	1.4	1.1
G73.0	1.9	2.0	2.0	2.0	1.8	1.6	1.4	1.1
G74.0	1.9	2.0	2.0	1.9	1.8	1.6	1.4	1.1
G75.0	1.9	2.0	2.0	1.9	1.8	1.6	1.3	1.1
G76.0	1.9	2.0	2.0	1.9	1.8	1.6	1.3	1.0
G77.0	1.8	2.0	1.9	1.9	1.8	1.6	1.3	1.0
G78.0	1.8	2.0	1.9	1.9	1.8	1.6	1.3	1.0
G79.0	1.8	2.0	1.9	1.9	1.8	1.6	1.3	1.0

Test Type : Type C Test Distance : 1.325 m

Test Device : Lisun LSG-1890B

Test Lab : Lisun Instruments Limited

Test By : JACK

C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0

Temperature : 25.0°C

Humidity : 65.0%

Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C160.0	C170.0	C180.0	C190.0	C200.0	C210.0	C220.0	C230.0
G80.0	1.8	1.9	1.9	1.9	1.7	1.5	1.3	1.0
G81.0	1.8	1.9	1.9	1.9	1.7	1.5	1.3	0.9
G82.0	1.8	1.9	1.9	1.9	1.7	1.5	1.2	0.9
G83.0	1.8	1.9	1.9	1.8	1.7	1.5	1.2	0.9
G84.0	1.7	1.9	1.8	1.8	1.7	1.5	1.2	0.9
G85.0	1.7	1.8	1.8	1.7	1.6	1.5	1.2	0.8
G86.0	1.6	1.7	1.7	1.7	1.6	1.4	1.2	0.8
G87.0	1.5	1.6	1.6	1.6	1.5	1.4	1.1	0.8
G88.0	1.5	1.5	1.5	1.5	1.4	1.3	1.1	0.8
G89.0	1.4	1.5	1.4	1.4	1.4	1.3	1.1	0.8
G90.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.8
G91.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.8
G92.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.8
G93.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.8
G94.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.8
G95.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.8
G96.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.8
G97.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.8
G98.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.8
G99.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.8
G100.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.8
G101.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.8
G102.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.8
G103.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.8
G104.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.8
G105.0	1.3	1.4	1.4	1.4	1.3	1.2	1.1	0.7
G106.0	1.3	1.4	1.4	1.4	1.3	1.2	1.0	0.7
G107.0	1.3	1.4	1.4	1.4	1.3	1.2	1.0	0.7
G108.0	1.3	1.4	1.4	1.4	1.3	1.2	1.0	0.7
G109.0	1.3	1.4	1.4	1.3	1.3	1.2	1.0	0.7
G110.0	1.3	1.4	1.3	1.3	1.3	1.2	1.0	0.7
G111.0	1.3	1.3	1.3	1.3	1.3	1.1	1.0	0.7
G112.0	1.3	1.3	1.3	1.3	1.2	1.1	1.0	0.7
G113.0	1.2	1.3	1.3	1.3	1.2	1.1	0.9	0.7
G114.0	1.2	1.3	1.3	1.2	1.2	1.1	0.9	0.7
G115.0	1.2	1.2	1.2	1.2	1.2	1.1	0.9	0.7
G116.0	1.2	1.1	1.1	1.0	1.2	1.0	0.9	0.6
G117.0	1.1	0.9	1.0	0.9	1.1	1.0	0.9	0.6
G118.0	1.1	0.9	1.0	0.9	1.1	1.0	0.9	0.6
G119.0	1.0	0.9	0.9	0.8	1.1	1.0	0.8	0.6

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C160.0	C170.0	C180.0	C190.0	C200.0	C210.0	C220.0	C230.0
G120.0	1.0	0.9	0.9	0.8	1.0	1.0	0.8	0.6
G121.0	0.9	0.8	0.9	0.8	1.0	0.9	0.8	0.6
G122.0	0.9	0.8	0.9	0.8	0.9	0.9	0.8	0.6
G123.0	0.8	0.8	0.9	0.8	0.9	0.9	0.8	0.5
G124.0	0.7	0.8	0.8	0.7	0.8	0.9	0.7	0.5
G125.0	0.7	0.7	0.8	0.7	0.8	0.8	0.7	0.5
G126.0	0.7	0.7	0.7	0.7	0.8	0.8	0.7	0.5
G127.0	0.7	0.7	0.8	0.7	0.7	0.8	0.7	0.5
G128.0	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.5
G129.0	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.5
G130.0	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.4
G131.0	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.4
G132.0	0.6	0.6	0.7	0.6	0.6	0.6	0.6	0.4
G133.0	0.6	0.6	0.7	0.6	0.6	0.6	0.5	0.4
G134.0	0.6	0.6	0.7	0.6	0.6	0.6	0.5	0.4
G135.0	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.3
G136.0	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.3
G137.0	0.5	0.6	0.6	0.6	0.6	0.5	0.4	0.3
G138.0	0.5	0.6	0.6	0.6	0.5	0.5	0.4	0.3
G139.0	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.3
G140.0	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3
G141.0	0.5	0.5	0.5	0.5	0.5	0.4	0.3	0.2
G142.0	0.4	0.5	0.5	0.5	0.4	0.4	0.3	0.2
G143.0	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2
G144.0	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.2
G145.0	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.2
G146.0	0.3	0.4	0.4	0.4	0.3	0.3	0.2	0.2
G147.0	0.3	0.4	0.4	0.3	0.3	0.3	0.2	0.1
G148.0	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1
G149.0	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1
G150.0	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1
G151.0	0.2	0.3	0.3	0.3	0.2	0.2	0.2	0.1
G152.0	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0
G153.0	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0
G154.0	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0
G155.0	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0
G156.0	0.1	0.2	0.2	0.2	0.1	0.1	0.0	0.0
G157.0	0.1	0.2	0.2	0.1	0.1	0.1	0.0	0.0
G158.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
G159.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0

Test Type : Type C Test Distance : 1.325 m

Test Device : Lisun LSG-1890B

Test Lab : Lisun Instruments Limited

Test By : JACK

C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0

Temperature : 25.0°C

Humidity : 65.0%

Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C160.0	C170.0	C180.0	C190.0	C200.0	C210.0	C220.0	C230.0
G160.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
G161.0	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
G163.0	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
G165.0	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
G167.0	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
G169.0	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
G171.0	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
G173.0	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
G175.0	0.0	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	0.0
G177.0	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
G179.0	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

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C240.0	C250.0	C260.0	C270.0	C280.0	C290.0	C300.0	C310.0
G0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G1.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G3.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G4.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G5.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G6.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G7.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G8.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G9.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G10.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G11.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G12.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
G13.0	1.9	1.9	1.9	1.8	1.8	1.8	1.9	1.9
G14.0	1.9	1.9	1.8	1.8	1.8	1.8	1.9	1.9
G15.0	1.9	1.9	1.8	1.8	1.8	1.8	1.9	1.9
G16.0	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.9
G17.0	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.9
G18.0	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.9
G19.0	1.9	1.8	1.8	1.7	1.7	1.8	1.8	1.9
G20.0	1.9	1.8	1.8	1.7	1.7	1.8	1.8	1.9
G21.0	1.9	1.8	1.7	1.7	1.7	1.7	1.8	1.9
G22.0	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.9
G23.0	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.9
G24.0	1.8	1.7	1.7	1.6	1.7	1.7	1.8	1.9
G25.0	1.8	1.7	1.7	1.6	1.6	1.7	1.8	1.9
G26.0	1.8	1.7	1.6	1.6	1.6	1.7	1.7	1.8
G27.0	1.8	1.7	1.6	1.6	1.6	1.6	1.7	1.8
G28.0	1.8	1.7	1.6	1.6	1.6	1.6	1.7	1.8
G29.0	1.8	1.7	1.6	1.5	1.5	1.6	1.7	1.8
G30.0	1.7	1.6	1.5	1.5	1.5	1.6	1.7	1.8
G31.0	1.7	1.6	1.5	1.5	1.5	1.6	1.7	1.8
G32.0	1.7	1.6	1.5	1.5	1.5	1.6	1.7	1.8
G33.0	1.7	1.6	1.5	1.4	1.4	1.5	1.6	1.8
G34.0	1.7	1.5	1.4	1.4	1.4	1.5	1.6	1.8
G35.0	1.6	1.5	1.4	1.4	1.4	1.5	1.6	1.8
G36.0	1.6	1.5	1.4	1.3	1.4	1.5	1.6	1.8
G37.0	1.6	1.5	1.4	1.3	1.3	1.4	1.6	1.7
G38.0	1.6	1.5	1.3	1.3	1.3	1.4	1.6	1.7
G39.0	1.6	1.4	1.3	1.2	1.3	1.4	1.5	1.7

Test Type : Type C Test Distance : 1.325 m

Test Device : Lisun LSG-1890B

Test Lab : Lisun Instruments Limited

Test By : JACK

C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0

Temperature : 25.0°C

Humidity : 65.0%

Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C240.0	C250.0	C260.0	C270.0	C280.0	C290.0	C300.0	C310.0
G40.0	1.5	1.4	1.3	1.2	1.3	1.4	1.5	1.7
G41.0	1.5	1.4	1.3	1.2	1.2	1.4	1.5	1.7
G42.0	1.5	1.4	1.2	1.2	1.2	1.3	1.5	1.7
G43.0	1.5	1.3	1.2	1.1	1.2	1.3	1.5	1.7
G44.0	1.5	1.3	1.2	1.1	1.1	1.3	1.5	1.6
G45.0	1.4	1.3	1.1	1.1	1.1	1.3	1.4	1.6
G46.0	1.4	1.2	1.1	1.0	1.1	1.2	1.4	1.6
G47.0	1.4	1.2	1.1	1.0	1.1	1.2	1.4	1.6
G48.0	1.4	1.2	1.0	1.0	1.0	1.2	1.4	1.6
G49.0	1.4	1.2	1.0	0.9	1.0	1.2	1.4	1.6
G50.0	1.3	1.1	1.0	0.9	1.0	1.1	1.3	1.6
G51.0	1.3	1.1	1.0	0.9	0.9	1.1	1.3	1.5
G52.0	1.3	1.1	0.9	0.9	0.9	1.1	1.3	1.5
G53.0	1.3	1.1	0.9	0.8	0.9	1.1	1.3	1.5
G54.0	1.2	1.0	0.9	0.8	0.9	1.0	1.2	1.5
G55.0	1.2	1.0	0.8	0.8	0.8	1.0	1.2	1.5
G56.0	1.2	1.0	0.8	0.7	0.8	1.0	1.2	1.4
G57.0	1.2	0.9	0.8	0.7	0.8	1.0	1.2	1.4
G58.0	1.1	0.9	0.7	0.7	0.7	0.9	1.2	1.4
G59.0	1.1	0.9	0.7	0.6	0.7	0.9	1.1	1.4
G60.0	1.1	0.9	0.7	0.6	0.7	0.9	1.1	1.4
G61.0	1.1	0.8	0.7	0.6	0.7	0.8	1.1	1.4
G62.0	1.0	0.8	0.6	0.5	0.6	0.8	1.1	1.3
G63.0	1.0	0.8	0.6	0.5	0.6	0.8	1.1	1.3
G64.0	1.0	0.8	0.6	0.5	0.6	0.8	1.0	1.3
G65.0	1.0	0.7	0.5	0.4	0.5	0.8	1.0	1.3
G66.0	0.9	0.7	0.5	0.4	0.5	0.7	1.0	1.3
G67.0	0.9	0.7	0.5	0.4	0.5	0.7	1.0	1.2
G68.0	0.9	0.7	0.5	0.4	0.5	0.7	0.9	1.2
G69.0	0.9	0.6	0.4	0.3	0.4	0.7	0.9	1.2
G70.0	0.9	0.6	0.4	0.3	0.4	0.6	0.9	1.2
G71.0	0.8	0.6	0.4	0.3	0.4	0.6	0.9	1.2
G72.0	0.8	0.6	0.4	0.3	0.4	0.6	0.9	1.2
G73.0	0.8	0.5	0.3	0.2	0.3	0.6	0.8	1.1
G74.0	0.8	0.5	0.3	0.2	0.3	0.5	0.8	1.1
G75.0	0.8	0.5	0.3	0.2	0.3	0.5	0.8	1.1
G76.0	0.7	0.5	0.3	0.2	0.3	0.5	0.8	1.1
G77.0	0.7	0.4	0.2	0.1	0.3	0.5	0.8	1.1
G78.0	0.7	0.4	0.2	0.1	0.2	0.5	0.7	1.1
G79.0	0.7	0.4	0.2	0.1	0.2	0.4	0.7	1.0

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C240.0	C250.0	C260.0	C270.0	C280.0	C290.0	C300.0	C310.0
G80.0	0.6	0.4	0.2	0.1	0.2	0.4	0.7	1.0
G81.0	0.6	0.4	0.2	0.0	0.2	0.4	0.7	1.0
G82.0	0.6	0.3	0.1	0.0	0.2	0.4	0.7	1.0
G83.0	0.6	0.3	0.1	0.0	0.1	0.3	0.6	1.0
G84.0	0.5	0.3	0.1	0.0	0.1	0.3	0.6	1.0
G85.0	0.5	0.3	0.1	0.0	0.1	0.3	0.6	0.9
G86.0	0.5	0.2	0.0	0.0	0.0	0.3	0.6	0.9
G87.0	0.5	0.2	0.0	0.0	0.0	0.2	0.6	0.9
G88.0	0.4	0.2	0.0	0.0	0.0	0.2	0.5	0.9
G89.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G90.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G91.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G92.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G93.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G94.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G95.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G96.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G97.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G98.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G99.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G100.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G101.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G102.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G103.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G104.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G105.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G106.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G107.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.9
G108.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.8
G109.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.8
G110.0	0.4	0.2	0.0	0.0	0.0	0.2	0.5	0.8
G111.0	0.4	0.2	0.0	0.0	0.0	0.2	0.5	0.8
G112.0	0.4	0.2	0.0	0.0	0.0	0.2	0.5	0.8
G113.0	0.4	0.2	0.0	0.0	0.0	0.2	0.5	0.8
G114.0	0.4	0.2	0.0	0.0	0.0	0.2	0.5	0.8
G115.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.8
G116.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.8
G117.0	0.4	0.1	0.0	0.0	0.0	0.2	0.5	0.8
G118.0	0.3	0.1	0.0	0.0	0.0	0.2	0.5	0.8
G119.0	0.3	0.1	0.0	0.0	0.0	0.2	0.5	0.7

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C240.0	C250.0	C260.0	C270.0	C280.0	C290.0	C300.0	C310.0
G120.0	0.3	0.1	0.0	0.0	0.0	0.2	0.5	0.7
G121.0	0.3	0.1	0.0	0.0	0.0	0.2	0.4	0.7
G122.0	0.3	0.1	0.0	0.0	0.0	0.2	0.4	0.7
G123.0	0.3	0.1	0.0	0.0	0.0	0.2	0.4	0.7
G124.0	0.3	0.1	0.0	0.0	0.0	0.2	0.4	0.7
G125.0	0.3	0.1	0.0	0.0	0.0	0.2	0.4	0.7
G126.0	0.3	0.1	0.0	0.0	0.0	0.2	0.4	0.6
G127.0	0.3	0.1	0.0	0.0	0.0	0.2	0.4	0.6
G128.0	0.3	0.1	0.0	0.0	0.0	0.2	0.4	0.6
G129.0	0.3	0.1	0.0	0.0	0.0	0.2	0.4	0.6
G130.0	0.2	0.0	0.0	0.0	0.0	0.2	0.4	0.6
G131.0	0.2	0.0	0.0	0.0	0.0	0.2	0.4	0.6
G132.0	0.2	0.0	0.0	0.0	0.0	0.2	0.4	0.5
G133.0	0.2	0.0	0.0	0.0	0.0	0.2	0.3	0.5
G134.0	0.2	0.0	0.0	0.0	0.0	0.2	0.3	0.5
G135.0	0.2	0.0	0.0	0.0	0.0	0.2	0.3	0.5
G136.0	0.2	0.0	0.0	0.0	0.0	0.2	0.3	0.5
G137.0	0.2	0.0	0.0	0.0	0.0	0.1	0.3	0.4
G138.0	0.2	0.0	0.0	0.0	0.0	0.1	0.3	0.4
G139.0	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.4
G140.0	0.1	0.0	0.0	0.0	0.0	0.1	0.3	0.4
G141.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.4
G142.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.3
G143.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.3
G144.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.3
G145.0	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.3
G146.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3
G148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C240.0	C250.0	C260.0	C270.0	C280.0	C290.0	C300.0	C310.0
G160.0	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
G162.0	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
G164.0	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
G166.0	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
G168.0	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
G170.0	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
G172.0	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
G174.0	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	0.0	0.0	0.0
G176.0	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
G178.0	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
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Test Type : Type C Test Distance : 1.325 m

Test Device : Lisun LSG-1890B

Test Lab : Lisun Instruments Limited

Test By : JACK

C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0

Temperature : 25.0°C

Humidity : 65.0%

Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C320.0	C330.0	C340.0	C350.0
G0.0	1.9	1.9	1.9	1.9
G1.0	1.9	1.9	1.9	1.9
G2.0	1.9	1.9	1.9	1.9
G3.0	1.9	1.9	1.9	1.9
G4.0	1.9	1.9	1.9	1.9
G5.0	1.9	1.9	1.9	1.9
G6.0	1.9	1.9	1.9	1.9
G7.0	1.9	1.9	1.9	1.9
G8.0	1.9	1.9	1.9	1.9
G9.0	1.9	1.9	1.9	2.0
G10.0	1.9	1.9	2.0	2.0
G11.0	1.9	1.9	2.0	2.0
G12.0	1.9	1.9	2.0	2.0
G13.0	1.9	2.0	2.0	2.0
G14.0	1.9	2.0	2.0	2.0
G15.0	1.9	2.0	2.0	2.0
G16.0	1.9	2.0	2.0	2.0
G17.0	1.9	2.0	2.0	2.0
G18.0	1.9	2.0	2.0	2.0
G19.0	1.9	2.0	2.0	2.1
G20.0	1.9	2.0	2.0	2.1
G21.0	1.9	2.0	2.1	2.1
G22.0	1.9	2.0	2.1	2.1
G23.0	1.9	2.0	2.1	2.1
G24.0	1.9	2.0	2.1	2.1
G25.0	1.9	2.0	2.1	2.1
G26.0	1.9	2.0	2.1	2.1
G27.0	1.9	2.0	2.1	2.1
G28.0	1.9	2.0	2.1	2.1
G29.0	1.9	2.0	2.1	2.2
G30.0	1.9	2.0	2.1	2.2
G31.0	1.9	2.0	2.1	2.2
G32.0	1.9	2.0	2.1	2.2
G33.0	1.9	2.0	2.1	2.2
G34.0	1.9	2.0	2.1	2.2
G35.0	1.9	2.0	2.1	2.2
G36.0	1.9	2.0	2.1	2.2
G37.0	1.9	2.0	2.1	2.2
G38.0	1.9	2.0	2.1	2.2
G39.0	1.9	2.0	2.1	2.2

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C320.0	C330.0	C340.0	C350.0
G40.0	1.9	2.0	2.1	2.2
G41.0	1.9	2.0	2.1	2.2
G42.0	1.8	2.0	2.1	2.2
G43.0	1.8	2.0	2.1	2.2
G44.0	1.8	2.0	2.1	2.2
G45.0	1.8	2.0	2.1	2.2
G46.0	1.8	2.0	2.1	2.2
G47.0	1.8	2.0	2.1	2.2
G48.0	1.8	2.0	2.1	2.2
G49.0	1.8	2.0	2.1	2.2
G50.0	1.8	1.9	2.1	2.2
G51.0	1.7	1.9	2.1	2.2
G52.0	1.7	1.9	2.1	2.2
G53.0	1.7	1.9	2.1	2.2
G54.0	1.7	1.9	2.1	2.2
G55.0	1.7	1.9	2.1	2.2
G56.0	1.7	1.9	2.1	2.2
G57.0	1.7	1.9	2.1	2.2
G58.0	1.7	1.9	2.0	2.2
G59.0	1.6	1.9	2.0	2.2
G60.0	1.6	1.9	2.0	2.1
G61.0	1.6	1.8	2.0	2.1
G62.0	1.6	1.8	2.0	2.1
G63.0	1.6	1.8	2.0	2.1
G64.0	1.6	1.8	2.0	2.1
G65.0	1.6	1.8	2.0	2.1
G66.0	1.5	1.8	2.0	2.1
G67.0	1.5	1.8	2.0	2.1
G68.0	1.5	1.8	2.0	2.1
G69.0	1.5	1.8	2.0	2.1
G70.0	1.5	1.7	1.9	2.1
G71.0	1.5	1.7	1.9	2.1
G72.0	1.5	1.7	1.9	2.1
G73.0	1.4	1.7	1.9	2.0
G74.0	1.4	1.7	1.9	2.0
G75.0	1.4	1.7	1.9	2.0
G76.0	1.4	1.7	1.9	2.0
G77.0	1.4	1.7	1.9	2.0
G78.0	1.4	1.6	1.9	2.0
G79.0	1.4	1.6	1.8	2.0

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C320.0	C330.0	C340.0	C350.0			
G80.0	1.3	1.6	1.8	2.0			
G81.0	1.3	1.6	1.8	2.0			
G82.0	1.3	1.6	1.8	1.9			
G83.0	1.3	1.6	1.8	1.9			
G84.0	1.3	1.5	1.7	1.8			
G85.0	1.3	1.5	1.7	1.8			
G86.0	1.2	1.4	1.6	1.7			
G87.0	1.2	1.4	1.5	1.6			
G88.0	1.1	1.3	1.5	1.5			
G89.0	1.1	1.3	1.4	1.5			
G90.0	1.1	1.2	1.4	1.5			
G91.0	1.1	1.2	1.4	1.5			
G92.0	1.1	1.2	1.4	1.4			
G93.0	1.1	1.2	1.4	1.4			
G94.0	1.1	1.2	1.4	1.4			
G95.0	1.1	1.2	1.4	1.4			
G96.0	1.1	1.2	1.4	1.4			
G97.0	1.1	1.2	1.4	1.4			
G98.0	1.1	1.2	1.4	1.4			
G99.0	1.1	1.2	1.4	1.4			
G100.0	1.1	1.2	1.4	1.4			
G101.0	1.1	1.2	1.4	1.4			
G102.0	1.1	1.3	1.4	1.4			
G103.0	1.1	1.3	1.4	1.5			
G104.0	1.1	1.3	1.4	1.5			
G105.0	1.1	1.3	1.4	1.5			
G106.0	1.1	1.3	1.4	1.5			
G107.0	1.1	1.3	1.4	1.5			
G108.0	1.1	1.3	1.4	1.5			
G109.0	1.1	1.2	1.4	1.5			
G110.0	1.1	1.2	1.4	1.5			
G111.0	1.0	1.2	1.4	1.4			
G112.0	1.0	1.2	1.3	1.4			
G113.0	1.0	1.2	1.3	1.4			
G114.0	1.0	1.2	1.3	1.4			
G115.0	1.0	1.2	1.3	1.3			
G116.0	1.0	1.2	1.2	1.1			
G117.0	1.0	1.1	1.2	1.0			
G118.0	0.9	1.1	1.2	1.0			
G119.0	0.9	1.1	1.1	1.0			

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
 Temperature : 25.0°C Humidity : 65.0%
 Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C320.0	C330.0	C340.0	C350.0
G120.0	0.9	1.0	1.0	1.0
G121.0	0.9	1.0	1.0	0.9
G122.0	0.9	1.0	1.0	0.9
G123.0	0.9	0.9	0.9	0.9
G124.0	0.9	0.9	0.9	0.8
G125.0	0.8	0.9	0.8	0.8
G126.0	0.8	0.9	0.8	0.8
G127.0	0.8	0.9	0.8	0.8
G128.0	0.8	0.8	0.8	0.8
G129.0	0.7	0.8	0.8	0.9
G130.0	0.7	0.8	0.8	0.8
G131.0	0.7	0.7	0.8	0.8
G132.0	0.7	0.7	0.7	0.8
G133.0	0.7	0.7	0.7	0.8
G134.0	0.6	0.7	0.7	0.8
G135.0	0.6	0.7	0.7	0.8
G136.0	0.6	0.7	0.7	0.8
G137.0	0.6	0.6	0.7	0.7
G138.0	0.5	0.6	0.7	0.7
G139.0	0.5	0.6	0.7	0.7
G140.0	0.5	0.6	0.6	0.7
G141.0	0.5	0.5	0.6	0.7
G142.0	0.4	0.5	0.6	0.6
G143.0	0.4	0.5	0.6	0.6
G144.0	0.4	0.5	0.5	0.6
G145.0	0.4	0.5	0.5	0.6
G146.0	0.4	0.4	0.5	0.5
G147.0	0.3	0.4	0.5	0.5
G148.0	0.3	0.4	0.4	0.5
G149.0	0.3	0.4	0.4	0.5
G150.0	0.3	0.4	0.4	0.4
G151.0	0.3	0.3	0.4	0.4
G152.0	0.3	0.3	0.4	0.4
G153.0	0.2	0.3	0.3	0.4
G154.0	0.2	0.3	0.3	0.3
G155.0	0.2	0.3	0.3	0.3
G156.0	0.2	0.2	0.3	0.3
G157.0	0.2	0.2	0.3	0.3
G158.0	0.2	0.2	0.2	0.3
G159.0	0.1	0.2	0.2	0.2

 Test Type : Type C
 Test Device : Lisun LSG-1890B
 Test Lab : Lisun Instruments Limited
 Test By : JACK

Test Distance : 1.325 m

 C Plane (°): 0.0-360.0:10.0
 Temperature : 25.0°C

 γ (°): 0.0-180.0:1.0
 Humidity : 65.0%

Review By :

Report No. : 8

Test Time : 2023-11-17 15:34:39

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Light Distribution Data

Unit: mW

G\C	C320.0	C330.0	C340.0	C350.0			
G160.0	0.1	0.2	0.2	0.2			
G161.0	0.1	0.1	0.2	0.2			
G162.0	0.1	0.1	0.1	0.2			
G163.0	0.0	0.1	0.1	0.1			
G164.0	0.0	0.1	0.1	0.1			
G165.0	0.0	0.0	0.1	0.1			
G166.0	0.0	0.0	0.0	0.0			
G167.0	0.0	0.0	0.0	0.0			
G168.0	0.0	0.0	0.0	0.0			
G169.0	0.0	0.0	0.0	0.0			
G170.0	0.0	0.0	0.0	0.0			
G171.0	0.0	0.0	0.0	0.0			
G172.0	0.0	0.0	0.0	0.0			
G173.0	0.0	0.0	0.0	0.0			
G174.0	0.0	0.0	0.0	0.0			
G175.0	0.0	0.0	0.0	0.0			
G176.0	0.0	0.0	0.0	0.0			
G177.0	0.0	0.0	0.0	0.0			
G178.0	0.0	0.0	0.0	0.0			
G179.0	0.0	0.0	0.0	0.0			
G180.0	0.0	0.0	0.0	0.0			

 Test Type : Type C Test Distance : 1.325 m
 Test Device : Lisun LSG-1890B
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 C Plane (°): 0.0-360.0:10.0 γ (°): 0.0-180.0:1.0
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