

Report No.:

Test Time: 2026-10-09 08:16

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm): -126

Luminous Height (mm):

Current: 0.069 A

Power Factor: 0.904

Luminaire Description: 67797WT

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): -126

Voltage: 220.4 V

Power: 13.85 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1121.1 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H148.3

Vertical Diffuse Angle(50%): V146.5

Luminaire Efficacy Rating (LER): 80.99

Max. Intensity: 282.21 cd

S/MH(C0/C180): 1.38

Total Rated Lamp Lumens: 1121.1 lm

Efficiency: 100%

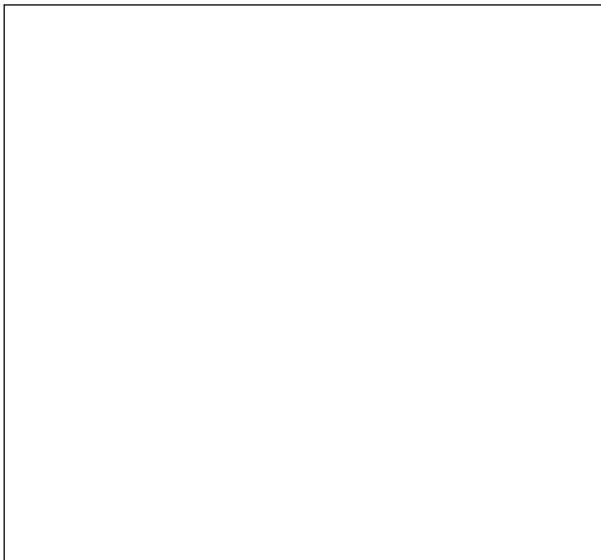
Upward Ratio: 1%

C0r0 Intensity: 282.2 cd

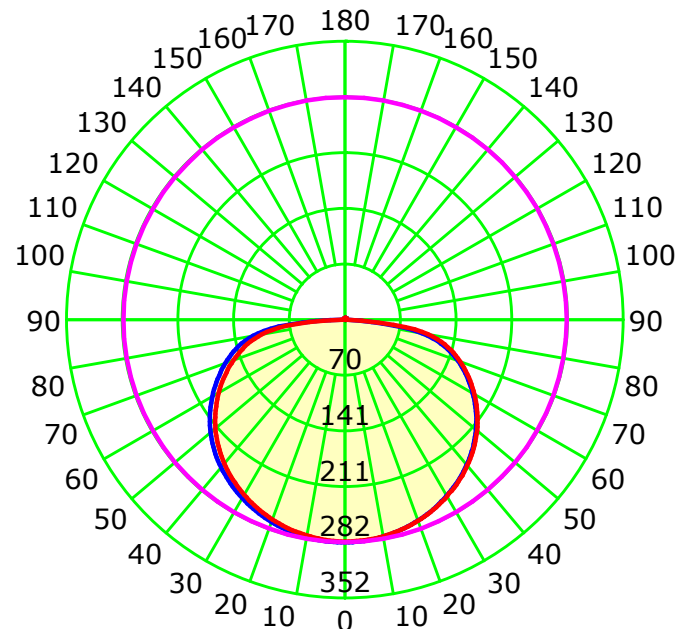
Pos of Max. Intensity: H180 V2

S/MH(C90/C270): 1.37

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 147.4°

— C0-C180 — C90-C270 — G2

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0

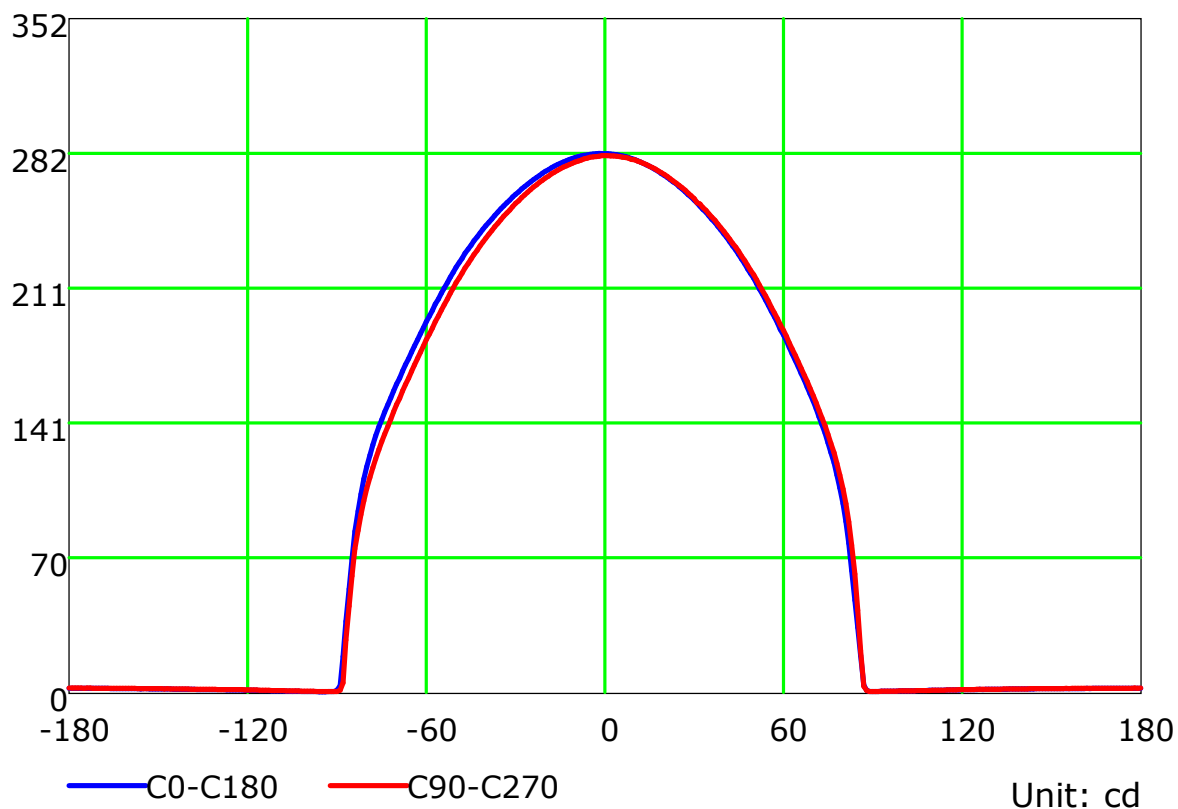
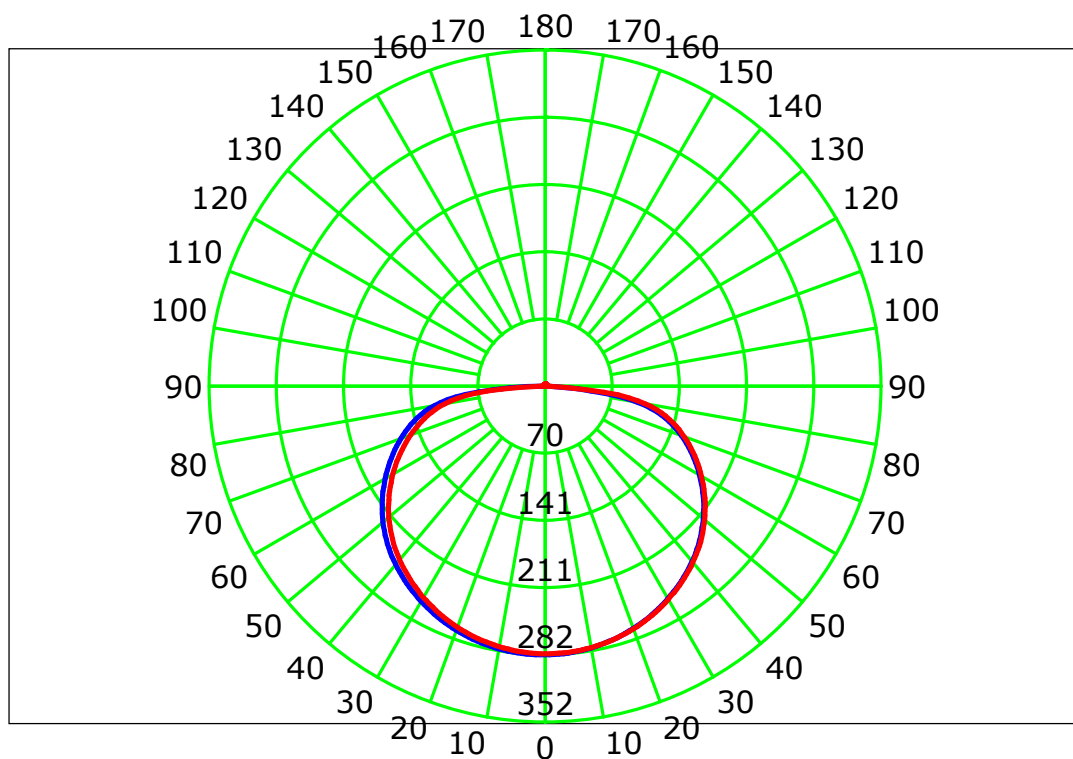
Test Device: GPM-1600L

Distance: 6.490 m [K=1.0000]

Humidity:

Inspector:

Luminous Intensity Distribution Curve



C Plane (°): 0.0-360.0: 90.0
Test Lab:
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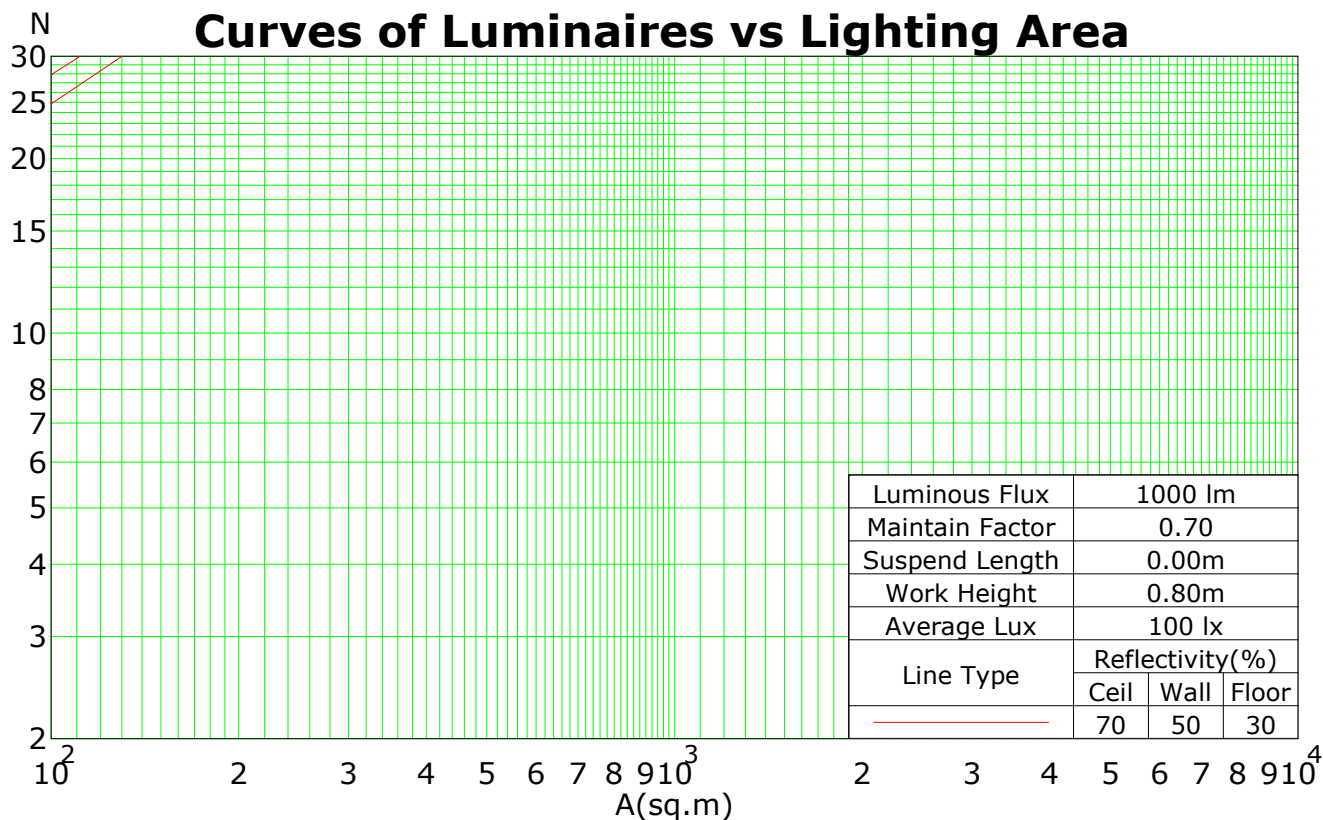
Coefficients Of Utilization - Zonal Cavity Method

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	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	0.99
1	1.06	1.00	0.95	0.90	1.03	0.98	0.93	0.88	0.93	0.89	0.85	0.89	0.86	0.83	0.85	0.82	0.80	0.78
2	0.95	0.85	0.77	0.70	0.92	0.83	0.76	0.69	0.79	0.73	0.67	0.76	0.70	0.66	0.72	0.68	0.64	0.62
3	0.85	0.73	0.64	0.57	0.83	0.72	0.63	0.56	0.68	0.61	0.55	0.65	0.59	0.54	0.63	0.57	0.53	0.50
4	0.78	0.64	0.54	0.47	0.75	0.63	0.53	0.46	0.60	0.52	0.46	0.57	0.50	0.45	0.55	0.49	0.44	0.42
5	0.71	0.57	0.47	0.40	0.69	0.56	0.46	0.39	0.53	0.45	0.39	0.51	0.44	0.38	0.49	0.43	0.38	0.35
6	0.65	0.51	0.41	0.34	0.63	0.50	0.40	0.34	0.48	0.40	0.33	0.46	0.39	0.33	0.44	0.38	0.33	0.30
7	0.60	0.46	0.36	0.30	0.58	0.45	0.36	0.30	0.43	0.35	0.29	0.42	0.34	0.29	0.40	0.34	0.29	0.26
8	0.56	0.42	0.32	0.26	0.54	0.41	0.32	0.26	0.39	0.31	0.26	0.38	0.31	0.26	0.37	0.30	0.25	0.23
9	0.52	0.38	0.29	0.23	0.51	0.37	0.29	0.23	0.36	0.28	0.23	0.35	0.28	0.23	0.34	0.27	0.23	0.21
10	0.49	0.35	0.27	0.21	0.48	0.34	0.26	0.21	0.33	0.26	0.21	0.32	0.25	0.21	0.31	0.25	0.21	0.19

Spacing Criteria (0-180): 1.38

Spacing Criteria (90-270): 1.37

Spacing Criteria (Diagonal): 1.53



C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0

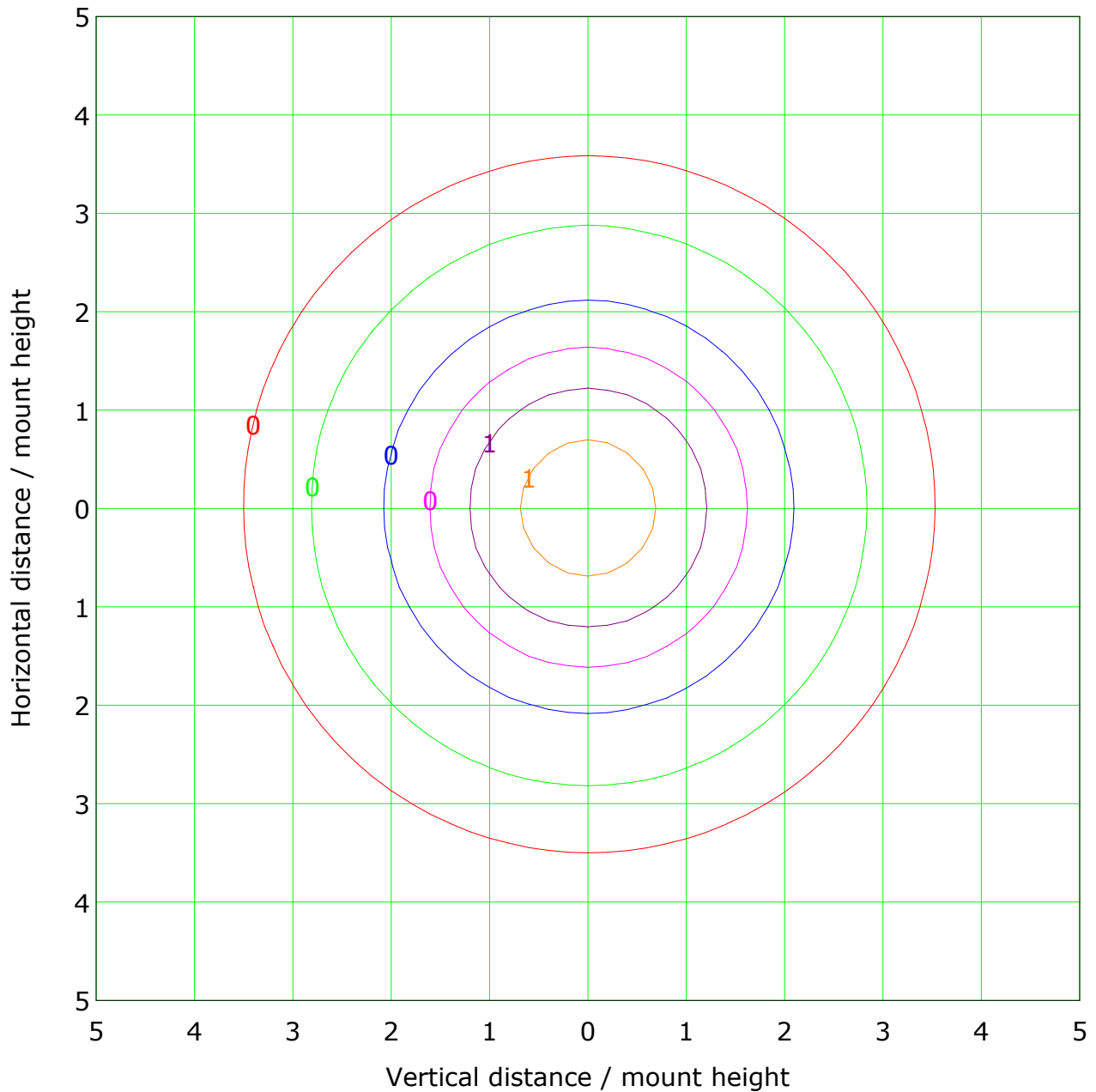
Test Device: GPM-1600L

Distance: 6.490 m [K=1.0000]

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 2.8 lx

(1%): 0.0 lx	(2%): 0.1 lx
(5%): 0.1 lx	(10%): 0.3 lx
(20%): 0.6 lx	(50%): 1.4 lx
(100%): 2.8 lx	

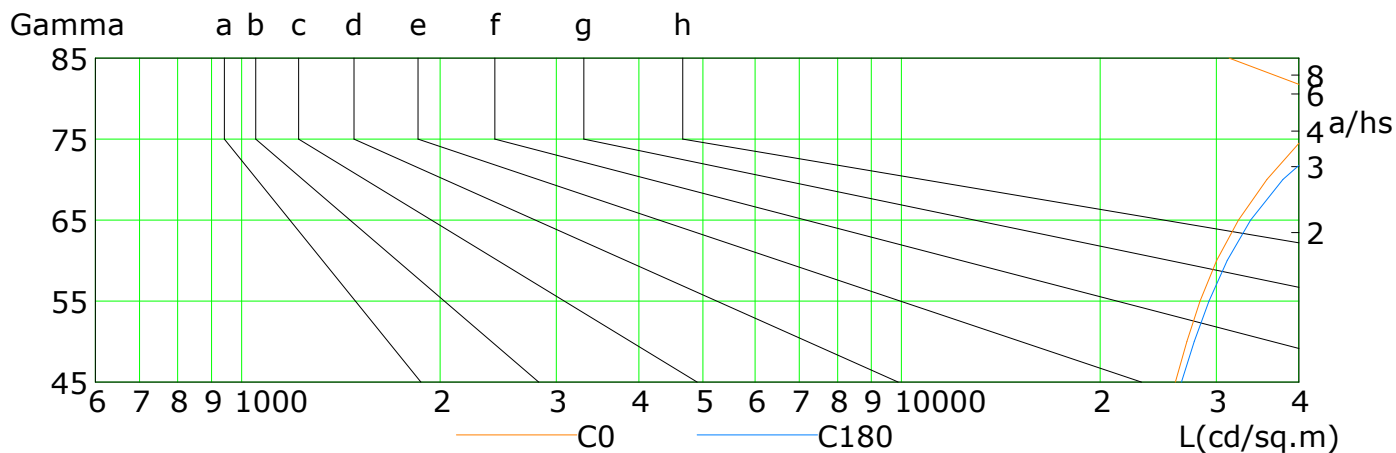
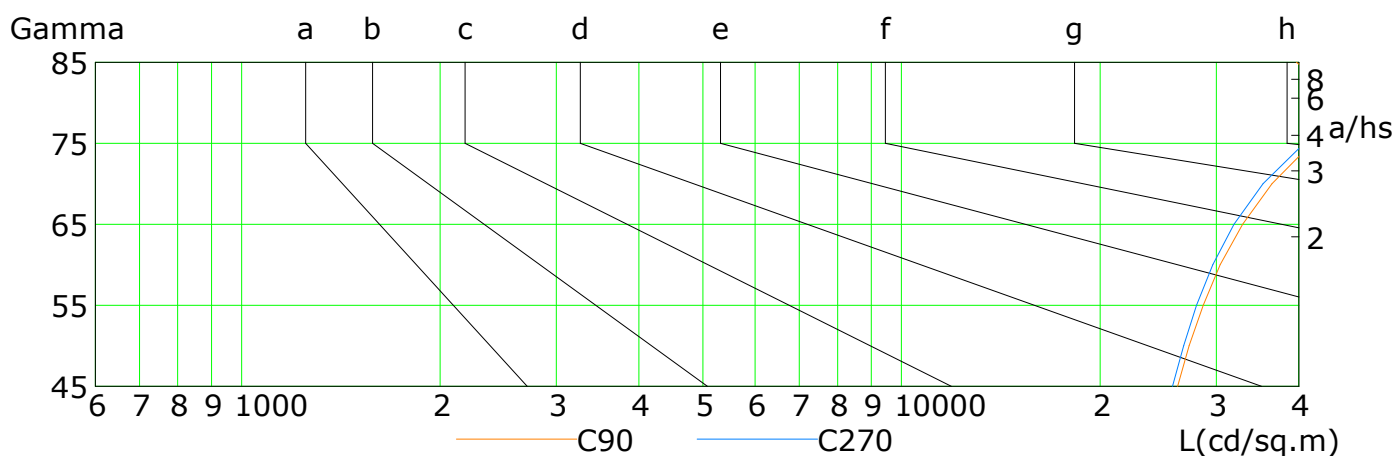
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 6.490 m [K=1.0000]
Humidity:
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

a b c d e f g h

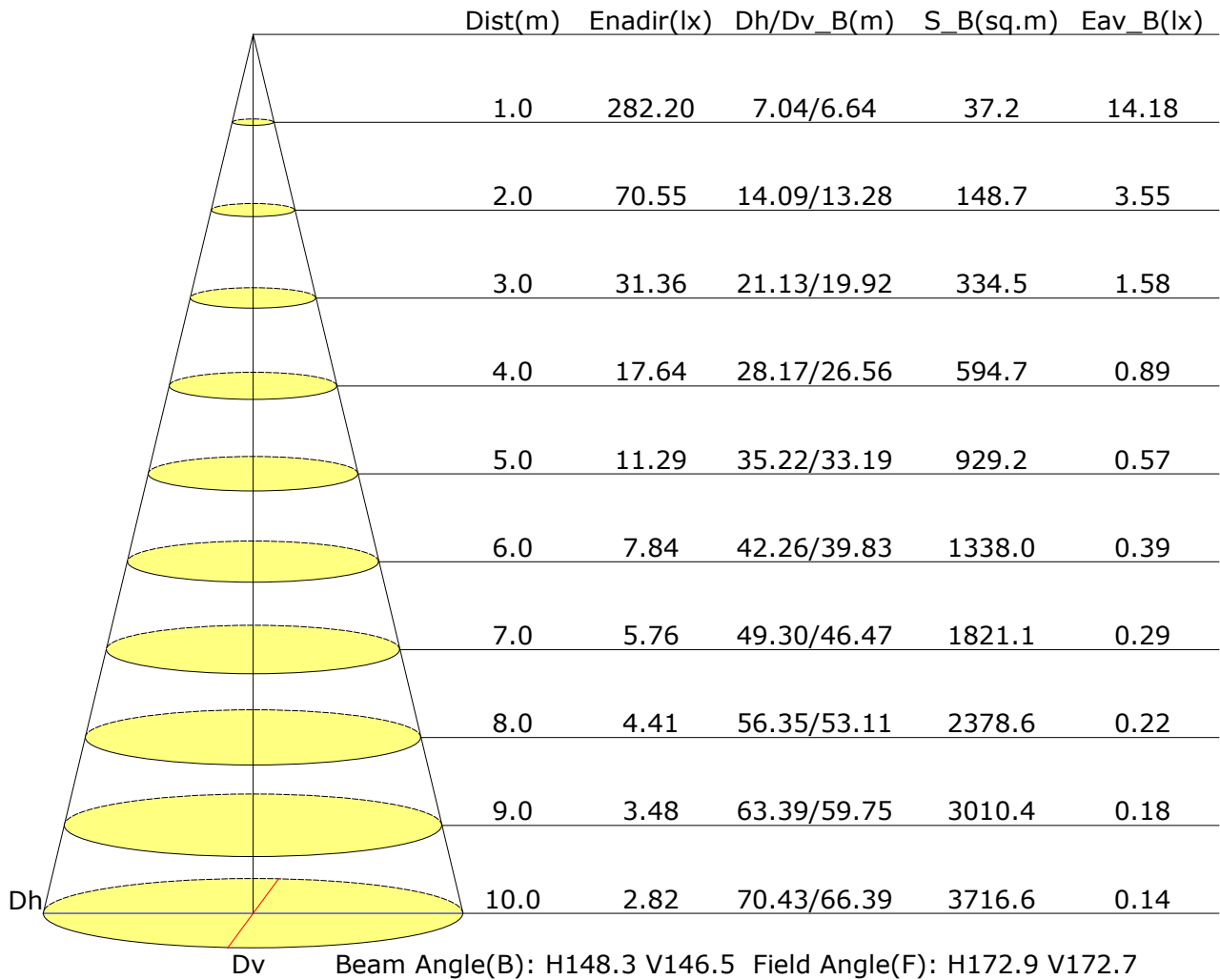


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	26019	27066	28335	30038	32389	35785	40533	45695	31378
C90	26195	27290	28644	30405	32877	36442	41860	49261	39687
C180	26569	27771	29233	31151	33828	37862	44292	54623	64302
C270	25737	26764	27991	29638	31921	35335	40729	49339	56232

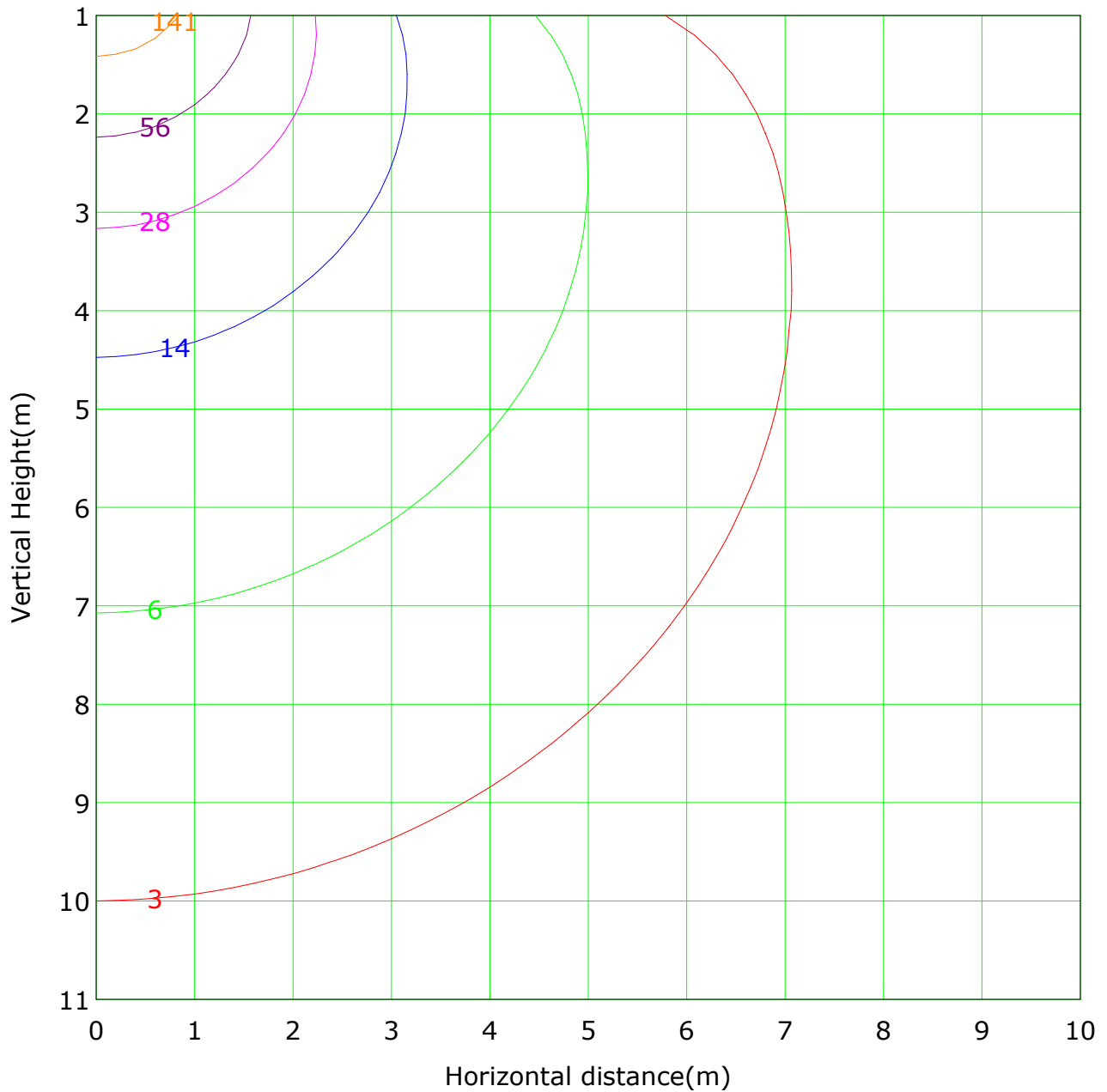
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 6.490 m [K=1.0000]
Humidity:
Inspector:

Illuminance at a Distance

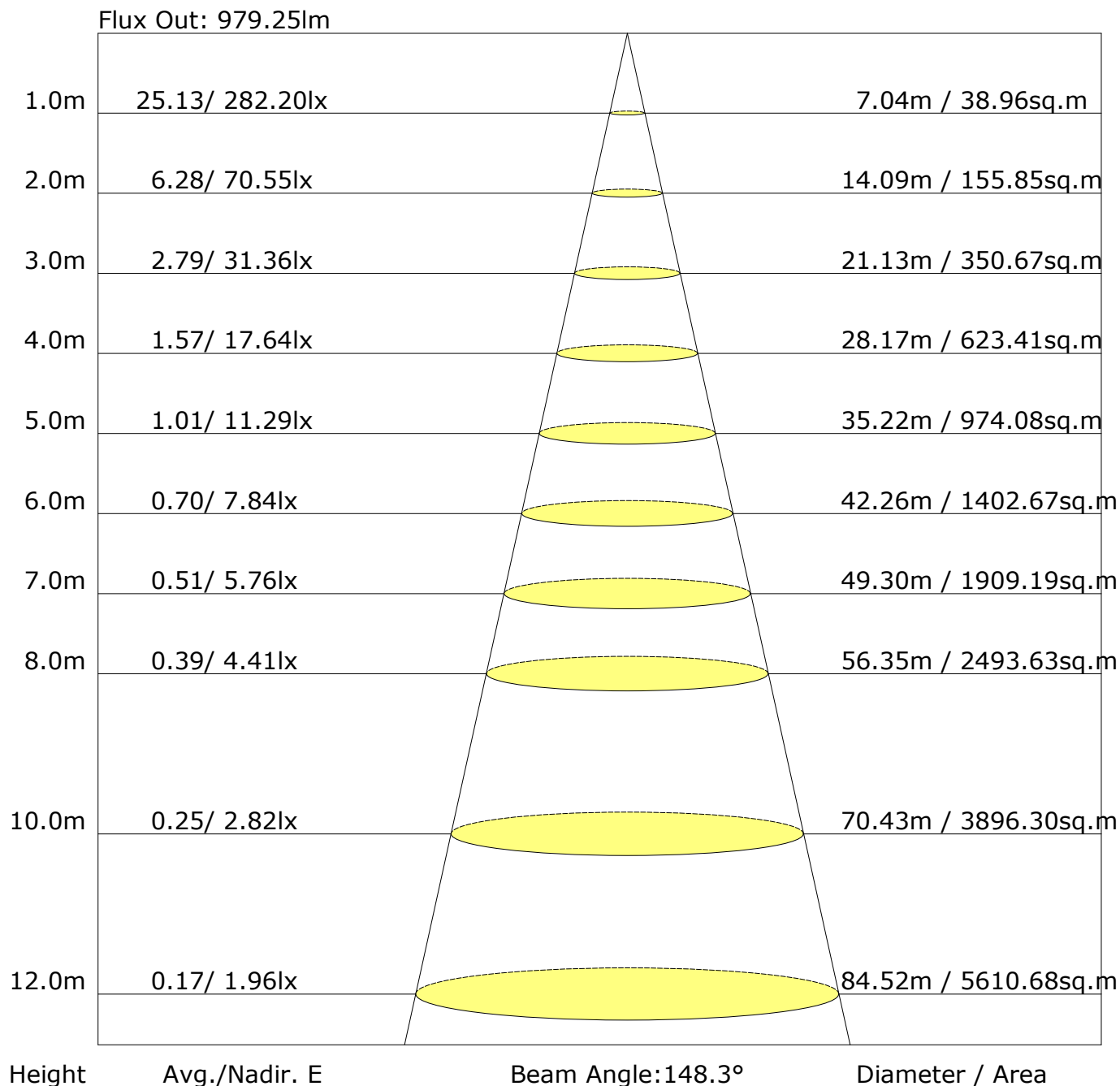


Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 282.2 lx
— (1%): 2.8 lx — (2%): 5.6 lx
— (5%): 14.1 lx — (10%): 28.2 lx
— (20%): 56.4 lx — (50%): 141.1 lx
— (100%): 282.2 lx

The Average Illuminance Effective Figure



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	24.4	25.9	24.7	26.1	26.4	24.4	25.9	24.7	26.1	26.4
3H	26.8	28.2	27.1	28.5	28.8	26.8	28.2	27.2	28.5	28.8
4H	28.0	29.4	28.4	29.7	30.0	28.1	29.4	28.4	29.7	30.0
6H	29.2	30.4	29.6	30.8	31.1	29.3	30.6	29.7	30.9	31.2
8H	29.6	30.8	30.0	31.2	31.5	29.9	31.1	30.2	31.4	31.8
12H	29.8	31.0	30.2	31.4	31.7	30.2	31.4	30.6	31.8	32.1
X=4H Y=2H	25.3	26.6	25.7	26.9	27.3	25.3	26.6	25.7	26.9	27.3
3H	27.9	29.1	28.3	29.5	29.8	27.9	29.1	28.3	29.5	29.8
4H	29.3	30.4	29.8	30.8	31.2	29.4	30.4	29.8	30.8	31.2
6H	30.7	31.6	31.1	32.0	32.4	30.8	31.7	31.2	32.1	32.6
8H	31.2	32.0	31.6	32.5	32.9	31.4	32.3	31.9	32.7	33.1
12H	31.4	32.2	31.9	32.7	33.1	31.8	32.6	32.3	33.1	33.5
X=8H Y=4H	29.9	30.8	30.4	31.2	31.7	30.0	30.8	30.4	31.3	31.7
6H	31.5	32.2	32.0	32.7	33.1	31.6	32.3	32.1	32.8	33.3
8H	32.1	32.7	32.6	33.2	33.7	32.3	33.0	32.8	33.5	34.0
12H	32.4	33.0	33.0	33.5	34.0	32.9	33.5	33.4	33.9	34.5
X=12H Y=4H	30.1	30.9	30.5	31.3	31.8	30.1	30.9	30.5	31.3	31.8
6H	31.7	32.3	32.2	32.8	33.3	31.8	32.4	32.3	32.9	33.4
8H	32.4	32.9	32.9	33.4	33.9	32.6	33.1	33.1	33.6	34.2
Variations with the observer position at spacings:										
S=1.0H	+0.2/-0.2					+0.3/-0.3				
S=1.5H	+0.4/-0.4					+0.4/-0.5				
S=2.0H	+0.5/-0.7					+0.6/-0.7				

Calculate in accordance with CIE Pub.117. The table is revised with 1121lm ($8\log(F/F_0) = 0.4$).

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	548	48.9
	FL (0°-30°)	113	10.1
	FM (30°-60°)	257	22.9
	FH (60°-80°)	154	13.7
	FVH (80°-90°)	24	2.2
	BACK LIGHT	564	50.3
	BL (0°-30°)	114	10.2
	BM (30°-60°)	260	23.2
	BH (60°-80°)	159	14.2
	BVH (80°-90°)	31	2.8
	UP LIGHT	9	0.8
	UL (90°-100°)	1	0.1
	UH (100°-180°)	8	0.7
	TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U1 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U1 G1

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 6.490 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	281.6	0.3	0.3	0.02	0.02
1.0-2.0	281.6	0.8	1.1	0.07	0.10
2.0-3.0	281.4	1.3	2.4	0.12	0.22
3.0-4.0	281.3	1.9	4.3	0.17	0.38
4.0-5.0	281.1	2.4	6.7	0.22	0.60
5.0-6.0	280.8	3.0	9.7	0.26	0.86
6.0-7.0	280.5	3.5	13.2	0.31	1.17
7.0-8.0	280.1	4.0	17.2	0.36	1.53
8.0-9.0	279.7	4.5	21.7	0.40	1.94
9.0-10.0	279.2	5.1	26.8	0.45	2.39
10.0-11.0	278.7	5.6	32.3	0.50	2.88
11.0-12.0	278.1	6.1	38.4	0.54	3.43
12.0-13.0	277.5	6.6	45.0	0.59	4.01
13.0-14.0	276.8	7.1	52.1	0.63	4.65
14.0-15.0	276.0	7.6	59.7	0.68	5.32
15.0-16.0	275.3	8.1	67.7	0.72	6.04
16.0-17.0	274.4	8.5	76.3	0.76	6.80
17.0-18.0	273.5	9.0	85.3	0.80	7.61
18.0-19.0	272.6	9.5	94.8	0.85	8.45
19.0-20.0	271.6	9.9	104.7	0.89	9.34
20.0-21.0	270.6	10.4	115.1	0.93	10.27
21.0-22.0	269.5	10.8	125.9	0.97	11.23
22.0-23.0	268.3	11.3	137.2	1.00	12.24
23.0-24.0	267.2	11.7	148.9	1.04	13.28
24.0-25.0	266.0	12.1	161.0	1.08	14.36
25.0-26.0	264.7	12.5	173.5	1.11	15.47
26.0-27.0	263.4	12.9	186.4	1.15	16.62
27.0-28.0	262.0	13.3	199.6	1.18	17.81
28.0-29.0	260.5	13.6	213.3	1.22	19.02
29.0-30.0	259.1	14.0	227.2	1.25	20.27
30.0-31.0	257.5	14.3	241.6	1.28	21.55
31.0-32.0	256.0	14.7	256.2	1.31	22.86
32.0-33.0	254.4	15.0	271.2	1.34	24.19
33.0-34.0	252.8	15.3	286.5	1.36	25.56
34.0-35.0	251.1	15.6	302.1	1.39	26.95
35.0-36.0	249.4	15.9	318.0	1.42	28.37

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 6.490 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	247.6	16.2	334.2	1.44	29.81
37.0-38.0	245.8	16.4	350.6	1.46	31.27
38.0-39.0	243.9	16.7	367.2	1.49	32.76
39.0-40.0	242.0	16.9	384.1	1.51	34.26
40.0-41.0	240.0	17.1	401.2	1.52	35.79
41.0-42.0	238.0	17.3	418.5	1.54	37.33
42.0-43.0	235.9	17.5	436.0	1.56	38.89
43.0-44.0	233.7	17.6	453.6	1.57	40.46
44.0-45.0	231.5	17.8	471.4	1.59	42.05
45.0-46.0	229.2	17.9	489.3	1.60	43.65
46.0-47.0	226.9	18.0	507.4	1.61	45.26
47.0-48.0	224.4	18.1	525.5	1.62	46.88
48.0-49.0	221.9	18.2	543.8	1.63	48.50
49.0-50.0	219.5	18.3	562.1	1.63	50.14
50.0-51.0	216.8	18.3	580.4	1.64	51.77
51.0-52.0	214.1	18.4	598.8	1.64	53.41
52.0-53.0	211.3	18.4	617.2	1.64	55.05
53.0-54.0	208.5	18.4	635.5	1.64	56.69
54.0-55.0	205.6	18.4	653.9	1.64	58.33
55.0-56.0	202.7	18.3	672.2	1.63	59.96
56.0-57.0	199.7	18.3	690.5	1.63	61.59
57.0-58.0	196.7	18.2	708.7	1.62	63.21
58.0-59.0	193.5	18.1	726.8	1.61	64.83
59.0-60.0	190.4	18.0	744.8	1.61	66.43
60.0-61.0	187.4	17.9	762.6	1.60	68.03
61.0-62.0	184.2	17.7	780.4	1.58	69.61
62.0-63.0	180.9	17.6	798.0	1.57	71.18
63.0-64.0	177.5	17.4	815.4	1.55	72.74
64.0-65.0	174.2	17.2	832.6	1.54	74.27
65.0-66.0	170.9	17.1	849.7	1.52	75.80
66.0-67.0	167.4	16.8	866.5	1.50	77.30
67.0-68.0	164.0	16.6	883.1	1.48	78.78
68.0-69.0	160.5	16.4	899.5	1.46	80.24
69.0-70.0	156.8	16.1	915.6	1.44	81.68
70.0-71.0	153.2	15.8	931.5	1.41	83.09
71.0-72.0	149.4	15.5	947.0	1.39	84.47

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 6.490 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	145.4	15.2	962.2	1.36	85.83
73.0-74.0	141.5	14.9	977.1	1.33	87.16
74.0-75.0	137.2	14.5	991.6	1.29	88.45
75.0-76.0	132.8	14.1	1005.7	1.26	89.71
76.0-77.0	128.2	13.7	1019.4	1.22	90.93
77.0-78.0	123.0	13.2	1032.5	1.17	92.10
78.0-79.0	117.4	12.6	1045.1	1.13	93.23
79.0-80.0	111.1	12.0	1057.1	1.07	94.30
80.0-81.0	104.0	11.2	1068.4	1.00	95.30
81.0-82.0	95.7	10.4	1078.7	0.93	96.23
82.0-83.0	85.7	9.3	1088.1	0.83	97.06
83.0-84.0	73.9	8.1	1096.1	0.72	97.78
84.0-85.0	59.8	6.5	1102.6	0.58	98.36
85.0-86.0	43.6	4.8	1107.4	0.43	98.78
86.0-87.0	26.6	2.9	1110.3	0.26	99.04
87.0-88.0	12.3	1.3	1111.7	0.12	99.16
88.0-89.0	4.1	0.4	1112.1	0.04	99.20
89.0-90.0	1.2	0.1	1112.2	0.01	99.21
90.0-91.0	0.7	0.1	1112.3	0.01	99.22
91.0-92.0	0.6	0.1	1112.4	0.01	99.23
92.0-93.0	0.6	0.1	1112.4	0.01	99.23
93.0-94.0	0.6	0.1	1112.5	0.01	99.24
94.0-95.0	0.6	0.1	1112.6	0.01	99.24
95.0-96.0	0.6	0.1	1112.6	0.01	99.25
96.0-97.0	0.7	0.1	1112.7	0.01	99.26
97.0-98.0	0.7	0.1	1112.8	0.01	99.26
98.0-99.0	0.7	0.1	1112.9	0.01	99.27
99.0-100.0	0.8	0.1	1113.0	0.01	99.28
100.0-101.0	0.8	0.1	1113.0	0.01	99.29
101.0-102.0	0.8	0.1	1113.1	0.01	99.29
102.0-103.0	0.9	0.1	1113.2	0.01	99.30
103.0-104.0	0.9	0.1	1113.3	0.01	99.31
104.0-105.0	0.9	0.1	1113.4	0.01	99.32
105.0-106.0	0.9	0.1	1113.5	0.01	99.33
106.0-107.0	1.0	0.1	1113.6	0.01	99.34
107.0-108.0	1.0	0.1	1113.7	0.01	99.35

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 6.490 m [K=1.0000]
Humidity:
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	1.0	0.1	1113.8	0.01	99.36
109.0-110.0	1.1	0.1	1113.9	0.01	99.37
110.0-111.0	1.1	0.1	1114.1	0.01	99.38
111.0-112.0	1.2	0.1	1114.2	0.01	99.39
112.0-113.0	1.2	0.1	1114.3	0.01	99.40
113.0-114.0	1.2	0.1	1114.4	0.01	99.41
114.0-115.0	1.3	0.1	1114.5	0.01	99.42
115.0-116.0	1.3	0.1	1114.7	0.01	99.43
116.0-117.0	1.3	0.1	1114.8	0.01	99.44
117.0-118.0	1.4	0.1	1114.9	0.01	99.46
118.0-119.0	1.4	0.1	1115.1	0.01	99.47
119.0-120.0	1.4	0.1	1115.2	0.01	99.48
120.0-121.0	1.5	0.1	1115.3	0.01	99.49
121.0-122.0	1.5	0.1	1115.5	0.01	99.50
122.0-123.0	1.5	0.1	1115.6	0.01	99.52
123.0-124.0	1.5	0.1	1115.8	0.01	99.53
124.0-125.0	1.6	0.1	1115.9	0.01	99.54
125.0-126.0	1.6	0.1	1116.0	0.01	99.55
126.0-127.0	1.6	0.1	1116.2	0.01	99.57
127.0-128.0	1.6	0.1	1116.3	0.01	99.58
128.0-129.0	1.7	0.1	1116.5	0.01	99.59
129.0-130.0	1.7	0.1	1116.6	0.01	99.60
130.0-131.0	1.7	0.1	1116.8	0.01	99.62
131.0-132.0	1.7	0.1	1116.9	0.01	99.63
132.0-133.0	1.7	0.1	1117.0	0.01	99.64
133.0-134.0	1.8	0.1	1117.2	0.01	99.66
134.0-135.0	1.8	0.1	1117.3	0.01	99.67
135.0-136.0	1.8	0.1	1117.5	0.01	99.68
136.0-137.0	1.8	0.1	1117.6	0.01	99.69
137.0-138.0	1.8	0.1	1117.7	0.01	99.70
138.0-139.0	1.8	0.1	1117.9	0.01	99.72
139.0-140.0	1.9	0.1	1118.0	0.01	99.73
140.0-141.0	1.9	0.1	1118.1	0.01	99.74
141.0-142.0	1.9	0.1	1118.3	0.01	99.75
142.0-143.0	1.9	0.1	1118.4	0.01	99.76
143.0-144.0	1.9	0.1	1118.5	0.01	99.77

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 6.490 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	2.0	0.1	1118.6	0.01	99.78
145.0-146.0	2.0	0.1	1118.8	0.01	99.80
146.0-147.0	2.0	0.1	1118.9	0.01	99.81
147.0-148.0	2.0	0.1	1119.0	0.01	99.82
148.0-149.0	2.0	0.1	1119.1	0.01	99.83
149.0-150.0	2.1	0.1	1119.2	0.01	99.84
150.0-151.0	2.1	0.1	1119.3	0.01	99.85
151.0-152.0	2.1	0.1	1119.4	0.01	99.86
152.0-153.0	2.1	0.1	1119.5	0.01	99.87
153.0-154.0	2.1	0.1	1119.6	0.01	99.88
154.0-155.0	2.1	0.1	1119.7	0.01	99.88
155.0-156.0	2.1	0.1	1119.8	0.01	99.89
156.0-157.0	2.1	0.1	1119.9	0.01	99.90
157.0-158.0	2.1	0.1	1120.0	0.01	99.91
158.0-159.0	2.2	0.1	1120.1	0.01	99.92
159.0-160.0	2.2	0.1	1120.2	0.01	99.92
160.0-161.0	2.2	0.1	1120.3	0.01	99.93
161.0-162.0	2.2	0.1	1120.4	0.01	99.94
162.0-163.0	2.2	0.1	1120.4	0.01	99.94
163.0-164.0	2.2	0.1	1120.5	0.01	99.95
164.0-165.0	2.2	0.1	1120.6	0.01	99.96
165.0-166.0	2.2	0.1	1120.6	0.01	99.96
166.0-167.0	2.2	0.1	1120.7	0.01	99.97
167.0-168.0	2.3	0.1	1120.7	0.00	99.97
168.0-169.0	2.3	0.0	1120.8	0.00	99.98
169.0-170.0	2.3	0.0	1120.8	0.00	99.98
170.0-171.0	2.3	0.0	1120.9	0.00	99.98
171.0-172.0	2.3	0.0	1120.9	0.00	99.99
172.0-173.0	2.3	0.0	1120.9	0.00	99.99
173.0-174.0	2.3	0.0	1121.0	0.00	99.99
174.0-175.0	2.3	0.0	1121.0	0.00	100.00
175.0-176.0	2.3	0.0	1121.0	0.00	100.00
176.0-177.0	2.3	0.0	1121.0	0.00	100.00
177.0-178.0	2.3	0.0	1121.0	0.00	100.00
178.0-179.0	2.3	0.0	1121.0	0.00	100.00
179.0-180.0	2.3	0.0	1121.0	0.00	100.00

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 6.490 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 471.41 lm

%lum = 42.1%

%lamp = 42.1%

cone flux(120°): 744.75 lm

%lum = 66.4%

%lamp = 66.4%

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	282.2	281.1	282.2	281.1	282.2					
G1.0	282.1	281.0	282.2	281.0	282.1					
G2.0	282.0	281.0	282.2	280.9	282.0					
G3.0	281.8	280.9	282.1	280.7	281.8					
G4.0	281.6	280.8	282.0	280.5	281.6					
G5.0	281.3	280.7	281.8	280.2	281.3					
G6.0	281.0	280.4	281.5	279.7	281.0					
G7.0	280.6	280.0	281.3	279.4	280.6					
G8.0	280.1	279.7	281.0	278.9	280.1					
G9.0	279.6	279.2	280.6	278.3	279.6					
G10.0	279.1	278.9	280.2	277.8	279.1					
G11.0	278.4	278.2	279.6	277.2	278.4					
G12.0	277.8	277.7	279.1	276.5	277.8					
G13.0	277.1	277.1	278.5	275.8	277.1					
G14.0	276.3	276.4	277.8	275.1	276.3					
G15.0	275.6	275.6	277.2	274.3	275.6					
G16.0	274.8	274.9	276.5	273.4	274.8					
G17.0	273.8	274.0	275.6	272.4	273.8					
G18.0	272.9	273.1	274.8	271.5	272.9					
G19.0	271.8	272.2	273.8	270.5	271.8					
G20.0	270.8	271.2	273.0	269.4	270.8					
G21.0	269.8	270.3	271.9	268.3	269.8					
G22.0	268.6	269.1	270.8	267.2	268.6					
G23.0	267.5	267.9	269.8	266.0	267.5					
G24.0	266.3	266.8	268.6	264.7	266.3					
G25.0	264.9	265.6	267.4	263.3	264.9					
G26.0	263.6	264.4	266.3	262.0	263.6					
G27.0	262.2	263.0	264.9	260.5	262.2					
G28.0	260.8	261.6	263.7	259.1	260.8					
G29.0	259.5	260.2	262.1	257.4	259.5					
G30.0	257.8	258.7	260.9	256.2	257.8					
G31.0	256.3	256.5	259.5	254.5	256.3					
G32.0	254.7	255.8	257.9	252.7	254.7					
G33.0	253.0	254.0	256.4	251.1	253.0					
G34.0	251.4	252.4	254.9	249.4	251.4					
G35.0	249.6	250.7	253.2	247.5	249.6					
G36.0	247.8	248.9	251.6	245.7	247.8					

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 6.490 m [K=1.0000]
Humidity:
Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	246.1	247.3	249.8	243.9	246.1					
G38.0	244.0	245.3	248.0	241.9	244.0					
G39.0	242.2	243.4	246.3	240.1	242.2					
G40.0	240.1	241.4	244.3	237.8	240.1					
G41.0	238.2	239.5	242.5	235.9	238.2					
G42.0	236.1	237.4	240.6	233.9	236.1					
G43.0	233.8	235.2	238.5	231.6	233.8					
G44.0	231.7	233.2	236.5	229.4	231.7					
G45.0	229.4	231.0	234.3	226.9	229.4					
G46.0	227.0	228.6	232.1	224.6	227.0					
G47.0	224.5	226.2	230.0	222.3	224.5					
G48.0	221.9	223.6	227.4	219.6	221.9					
G49.0	219.5	221.2	225.1	217.1	219.5					
G50.0	216.9	218.7	222.6	214.5	216.9					
G51.0	214.0	216.1	220.0	211.7	214.0					
G52.0	211.3	213.2	217.4	209.0	211.3					
G53.0	208.7	210.6	214.5	206.0	208.7					
G54.0	205.6	207.7	211.8	203.1	205.6					
G55.0	202.6	204.9	209.1	200.2	202.6					
G56.0	199.6	201.7	206.1	197.1	199.6					
G57.0	196.7	198.7	203.3	194.2	196.7					
G58.0	193.7	195.9	200.0	190.9	193.7					
G59.0	190.2	192.6	197.1	187.9	190.2					
G60.0	187.3	189.6	194.2	184.8	187.3					
G61.0	184.2	186.6	191.0	181.4	184.2					
G62.0	180.8	183.2	187.9	178.2	180.8					
G63.0	177.4	179.9	184.8	175.0	177.4					
G64.0	173.9	176.5	181.4	171.5	173.9					
G65.0	170.7	173.3	178.3	168.2	170.7					
G66.0	167.2	169.9	174.8	164.7	167.2					
G67.0	163.6	166.2	171.6	161.2	163.6					
G68.0	160.0	162.9	168.4	157.9	160.0					
G69.0	156.4	159.4	164.7	154.1	156.4					
G70.0	152.6	155.4	161.5	150.7	152.6					
G71.0	148.7	151.7	158.0	147.1	148.7					
G72.0	144.4	147.7	154.3	143.0	144.4					
G73.0	140.3	143.8	150.7	139.4	140.3					

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 6.490 m [K=1.0000]
Humidity:
Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	135.8	139.6	146.8	135.4	135.8					
G75.0	130.8	135.1	142.9	131.4	130.8					
G76.0	125.7	130.4	139.2	127.2	125.7					
G77.0	120.5	125.6	134.4	122.5	120.5					
G78.0	113.8	119.9	129.6	117.7	113.8					
G79.0	107.2	113.8	124.3	112.7	107.2					
G80.0	98.9	106.7	118.3	106.8	98.9					
G81.0	89.6	99.0	111.9	100.5	89.6					
G82.0	78.2	89.5	103.7	93.3	78.2					
G83.0	64.0	77.2	94.9	84.9	64.0					
G84.0	48.3	62.1	84.4	75.3	48.3					
G85.0	34.1	43.1	69.9	61.1	34.1					
G86.0	19.4	21.8	54.2	45.3	19.4					
G87.0	3.8	3.3	37.2	27.5	3.8					
G88.0	1.3	1.0	18.9	5.1	1.3					
G89.0	0.6	0.7	3.6	1.3	0.6					
G90.0	0.6	0.6	1.3	0.6	0.6					
G91.0	0.6	0.7	0.6	0.6	0.6					
G92.0	0.6	0.6	0.5	0.5	0.6					
G93.0	0.7	0.7	0.6	0.6	0.7					
G94.0	0.7	0.7	0.5	0.6	0.7					
G95.0	0.8	0.7	0.4	0.6	0.8					
G96.0	0.8	0.8	0.5	0.6	0.8					
G97.0	0.8	0.8	0.5	0.6	0.8					
G98.0	0.8	0.8	0.5	0.7	0.8					
G99.0	0.8	0.9	0.6	0.7	0.8					
G100.0	0.9	0.9	0.6	0.7	0.9					
G101.0	0.9	0.9	0.6	0.8	0.9					
G102.0	1.0	0.9	0.7	0.8	1.0					
G103.0	0.9	1.0	0.7	0.8	0.9					
G104.0	1.0	1.0	0.7	0.9	1.0					
G105.0	1.0	1.1	0.6	0.9	1.0					
G106.0	1.1	1.1	0.8	0.9	1.1					
G107.0	1.1	1.1	0.8	0.9	1.1					
G108.0	1.1	1.1	0.8	1.0	1.1					
G109.0	1.2	1.2	0.9	1.0	1.2					
G110.0	1.2	1.2	0.9	1.0	1.2					

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 6.490 m [K=1.0000]
Humidity:
Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	1.2	1.2	1.0	1.1	1.2					
G112.0	1.3	1.3	1.0	1.2	1.3					
G113.0	1.3	1.3	1.0	1.2	1.3					
G114.0	1.3	1.3	1.1	1.3	1.3					
G115.0	1.4	1.4	1.1	1.3	1.4					
G116.0	1.4	1.4	1.1	1.3	1.4					
G117.0	1.4	1.5	1.2	1.4	1.4					
G118.0	1.4	1.5	1.3	1.4	1.4					
G119.0	1.5	1.5	1.3	1.4	1.5					
G120.0	1.5	1.5	1.3	1.5	1.5					
G121.0	1.5	1.5	1.3	1.5	1.5					
G122.0	1.5	1.6	1.4	1.5	1.5					
G123.0	1.6	1.6	1.4	1.5	1.6					
G124.0	1.6	1.6	1.4	1.6	1.6					
G125.0	1.6	1.7	1.5	1.6	1.6					
G126.0	1.7	1.7	1.4	1.6	1.7					
G127.0	1.7	1.7	1.5	1.6	1.7					
G128.0	1.7	1.7	1.5	1.7	1.7					
G129.0	1.7	1.7	1.5	1.6	1.7					
G130.0	1.7	1.8	1.5	1.7	1.7					
G131.0	1.8	1.8	1.6	1.7	1.8					
G132.0	1.8	1.8	1.6	1.7	1.8					
G133.0	1.8	1.8	1.6	1.8	1.8					
G134.0	1.8	1.9	1.6	1.7	1.8					
G135.0	1.8	1.9	1.6	1.8	1.8					
G136.0	1.9	1.9	1.6	1.8	1.9					
G137.0	1.9	1.9	1.6	1.8	1.9					
G138.0	1.9	1.9	1.7	1.8	1.9					
G139.0	1.9	1.9	1.7	1.8	1.9					
G140.0	1.9	2.0	1.7	1.9	1.9					
G141.0	1.9	2.0	1.8	1.9	1.9					
G142.0	2.0	2.0	1.8	1.9	2.0					
G143.0	2.0	2.0	1.8	1.9	2.0					
G144.0	2.0	2.0	1.8	1.9	2.0					
G145.0	2.0	2.1	1.8	2.0	2.0					
G146.0	2.0	2.1	1.9	2.0	2.0					
G147.0	2.0	2.1	1.9	2.0	2.0					

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 6.490 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	2.0	2.1	1.9	2.0	2.0					
G149.0	2.1	2.1	2.0	2.1	2.1					
G150.0	2.1	2.1	2.0	2.1	2.1					
G151.0	2.1	2.2	2.0	2.1	2.1					
G152.0	2.1	2.1	2.0	2.1	2.1					
G153.0	2.1	2.2	2.0	2.1	2.1					
G154.0	2.1	2.2	2.0	2.1	2.1					
G155.0	2.1	2.2	2.1	2.1	2.1					
G156.0	2.1	2.2	2.0	2.1	2.1					
G157.0	2.1	2.2	2.0	2.2	2.1					
G158.0	2.2	2.2	2.0	2.2	2.2					
G159.0	2.2	2.2	2.1	2.2	2.2					
G160.0	2.2	2.2	2.1	2.2	2.2					
G161.0	2.2	2.3	2.1	2.3	2.2					
G162.0	2.2	2.2	2.1	2.3	2.2					
G163.0	2.2	2.2	2.2	2.3	2.2					
G164.0	2.2	2.2	2.2	2.3	2.2					
G165.0	2.2	2.3	2.2	2.3	2.2					
G166.0	2.2	2.3	2.1	2.3	2.2					
G167.0	2.2	2.3	2.2	2.3	2.2					
G168.0	2.3	2.3	2.2	2.3	2.3					
G169.0	2.2	2.3	2.2	2.3	2.2					
G170.0	2.3	2.3	2.3	2.3	2.3					
G171.0	2.3	2.3	2.3	2.3	2.3					
G172.0	2.3	2.3	2.2	2.3	2.3					
G173.0	2.3	2.3	2.3	2.4	2.3					
G174.0	2.3	2.3	2.3	2.3	2.3					
G175.0	2.3	2.3	2.3	2.3	2.3					
G176.0	2.3	2.3	2.3	2.4	2.3					
G177.0	2.3	2.3	2.2	2.4	2.3					
G178.0	2.3	2.4	2.2	2.4	2.3					
G179.0	2.3	2.3	2.3	2.4	2.3					
G180.0	2.3	2.4	2.3	2.4	2.3					

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 6.490 m [K=1.0000]
 Humidity:
 Inspector:

LED Average Luminance Report

Avg.L	cd/m ²
L 0-180(65) av	33108.65
L 0-180(75) av	42412.80
L 0-180(85) av	47840.20
L 90-270(65) av	32398.93
L 90-270(75) av	41294.19
L 90-270(85) av	47959.83
L 45(65) av	32753.79
L 45(75) av	41853.49
L 45(85) av	47900.01

Standard: GB/T 29293-2012