

Report No.:

Test Time: 2026-10-09 08:30

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm): -126

Luminous Height (mm):

Current: 0.068 A

Power Factor: 0.902

Luminaire Description: 67797WT

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): -126

Voltage: 220.6 V

Power: 13.50 W

Photometric Results

CIE Class: Direct

Measurement Flux: 1099 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H148

Vertical Diffuse Angle(50%): V146.1

Luminaire Efficacy Rating (LER): 81.46

Max. Intensity: 276.71 cd

S/MH(C0/C180): 1.37

Total Rated Lamp Lumens: 1099.0 lm

Efficiency: 100%

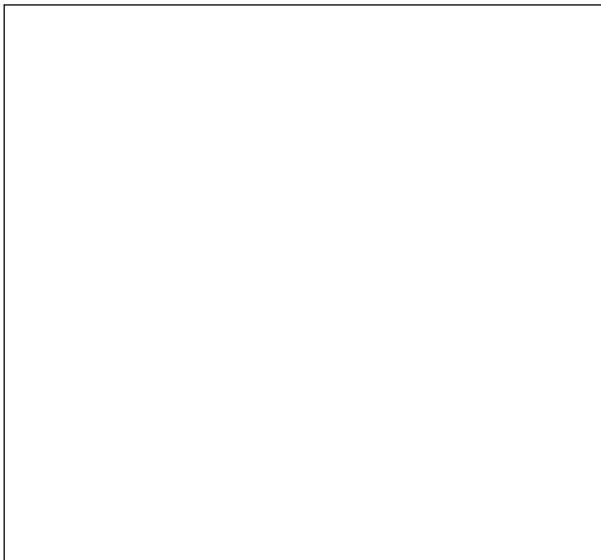
Upward Ratio: 1%

C0r0 Intensity: 276.62 cd

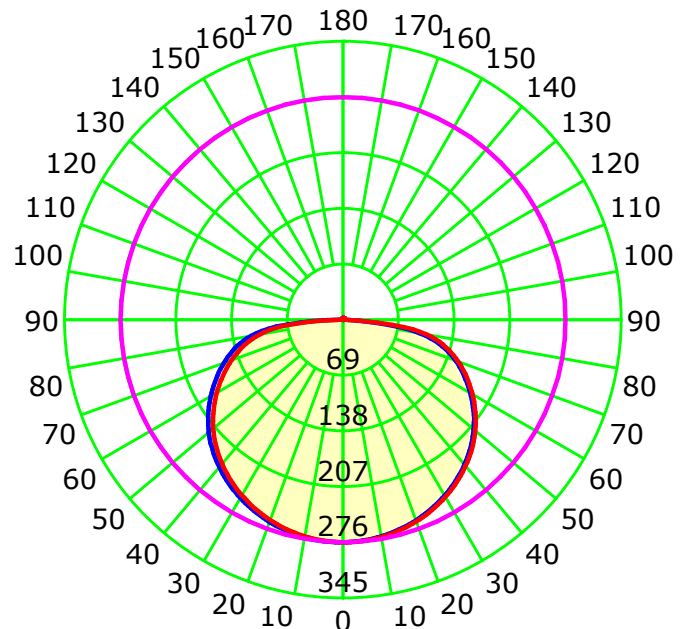
Pos of Max. Intensity: H180 V1

S/MH(C90/C270): 1.37

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 147.0°

— C0-C180 — C90-C270 — 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

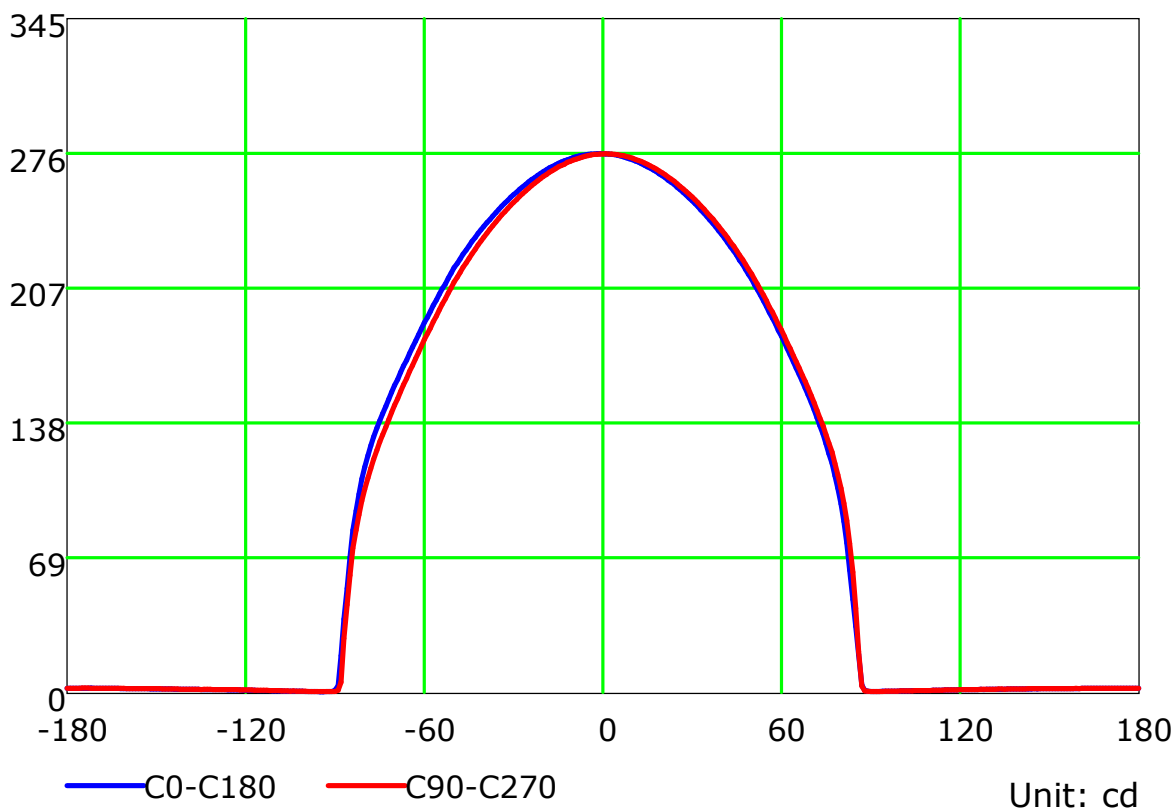
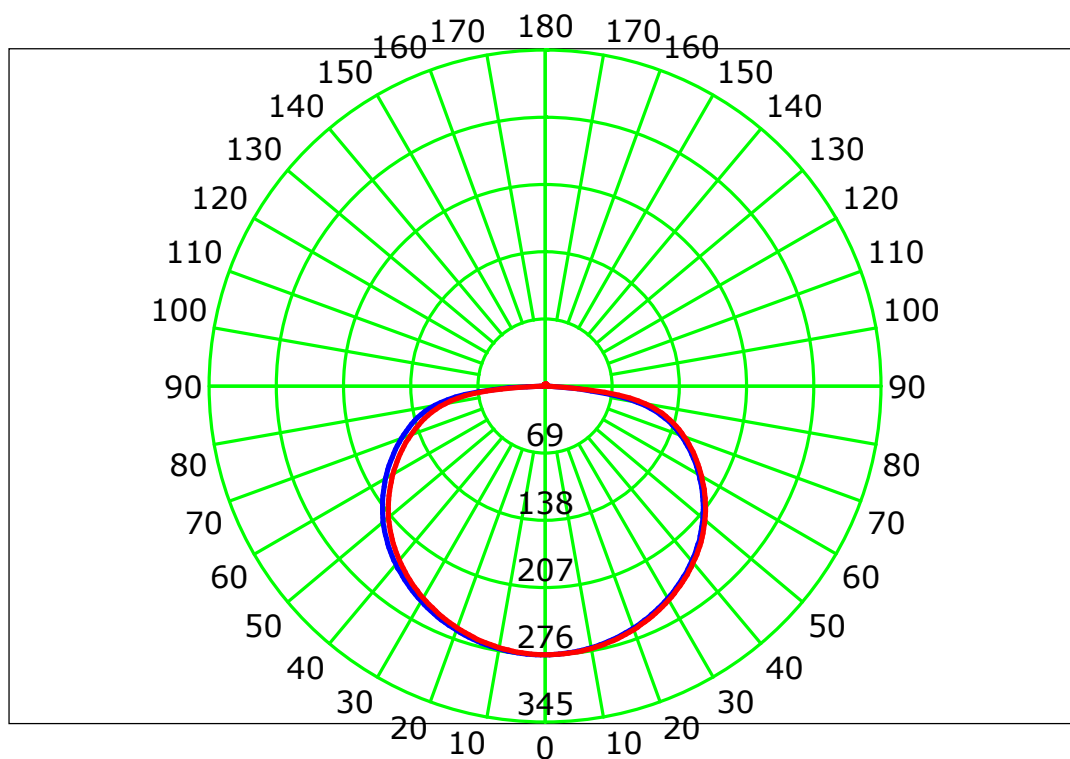
Test Device: GPM-1600L

Distance: 6.490 m [K=1.0000]

Humidity:

Inspector:

Luminous Intensity Distribution Curve



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:

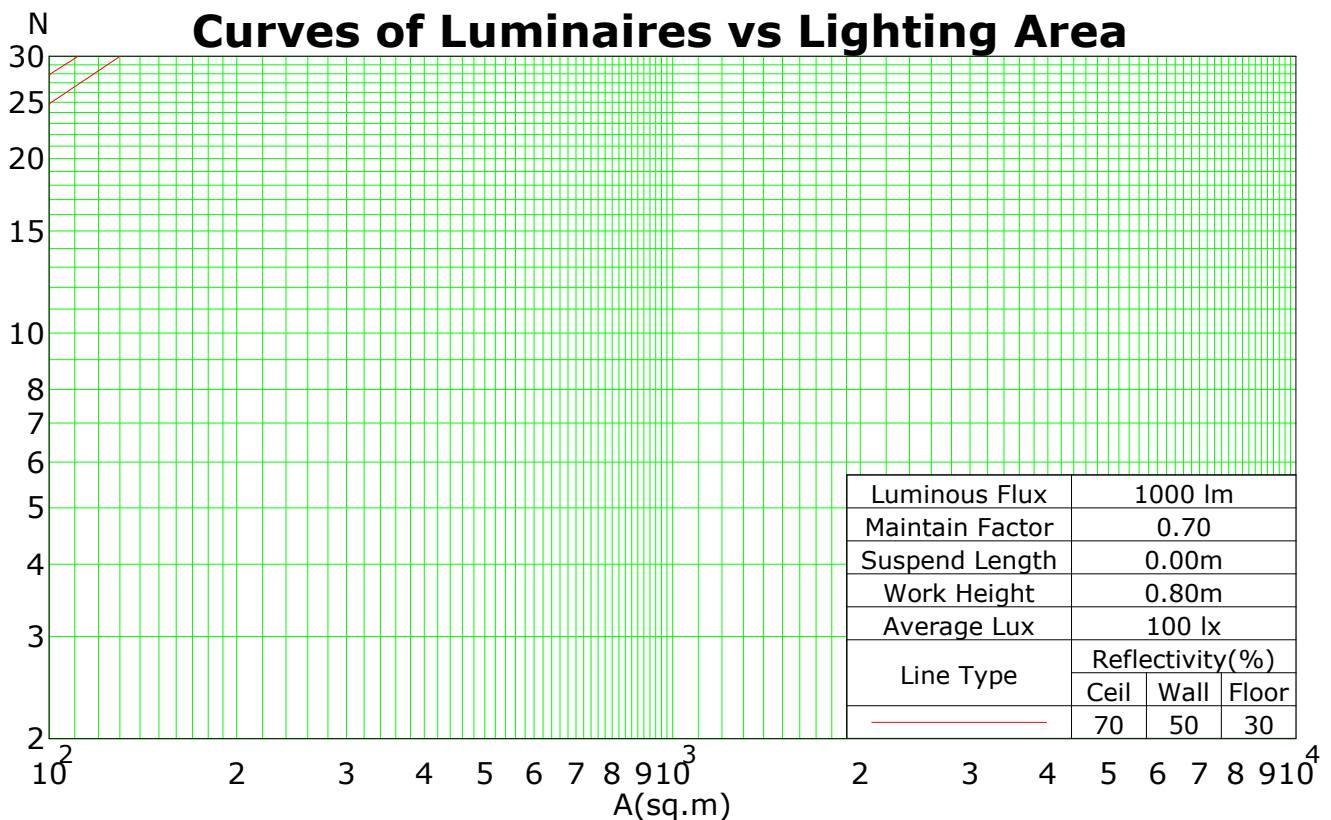
Coefficients Of Utilization - Zonal Cavity Method

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	0.68	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	0.54	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	0.41	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): 1.37

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

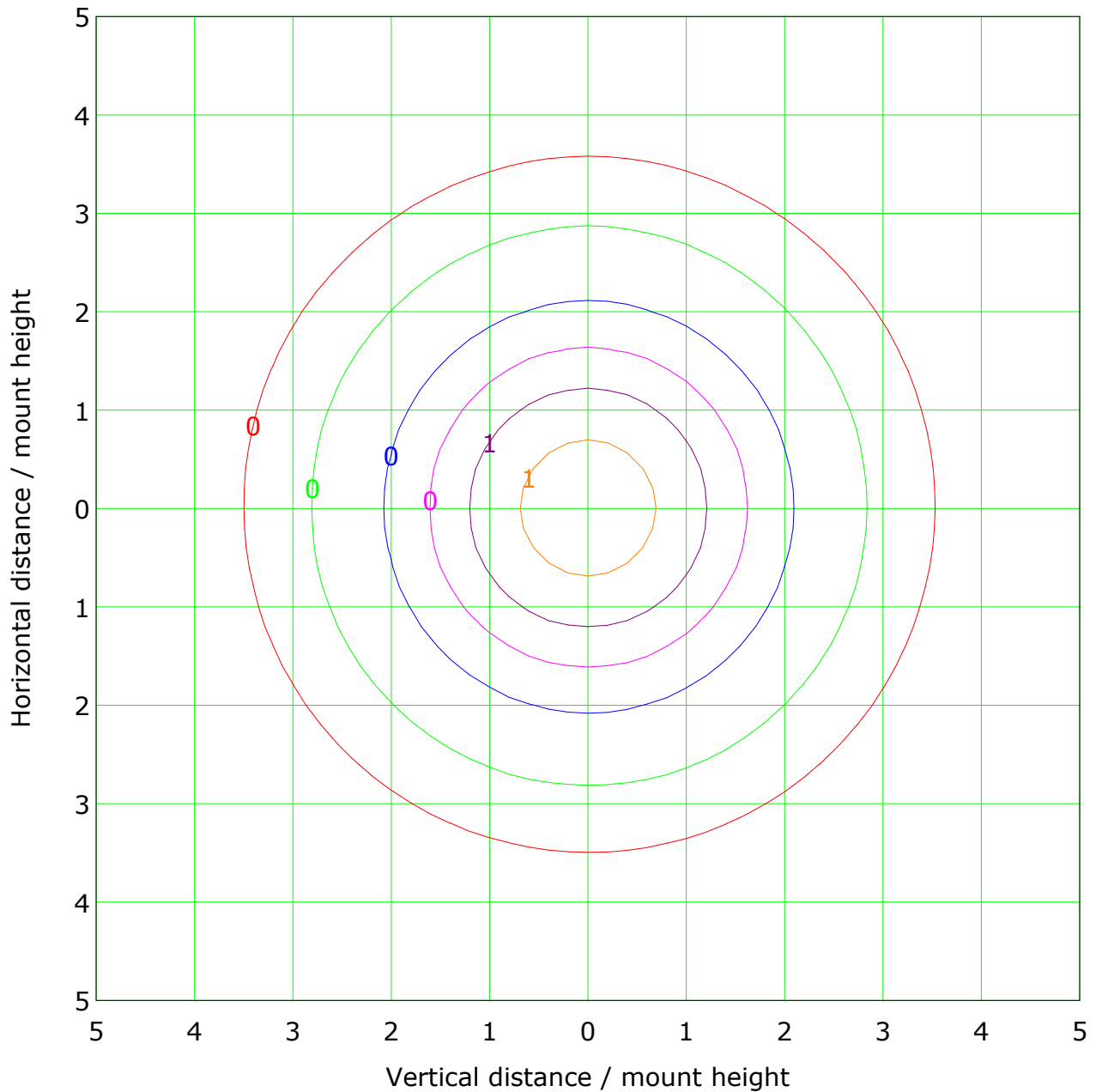
Test Device: GPM-1600L

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	

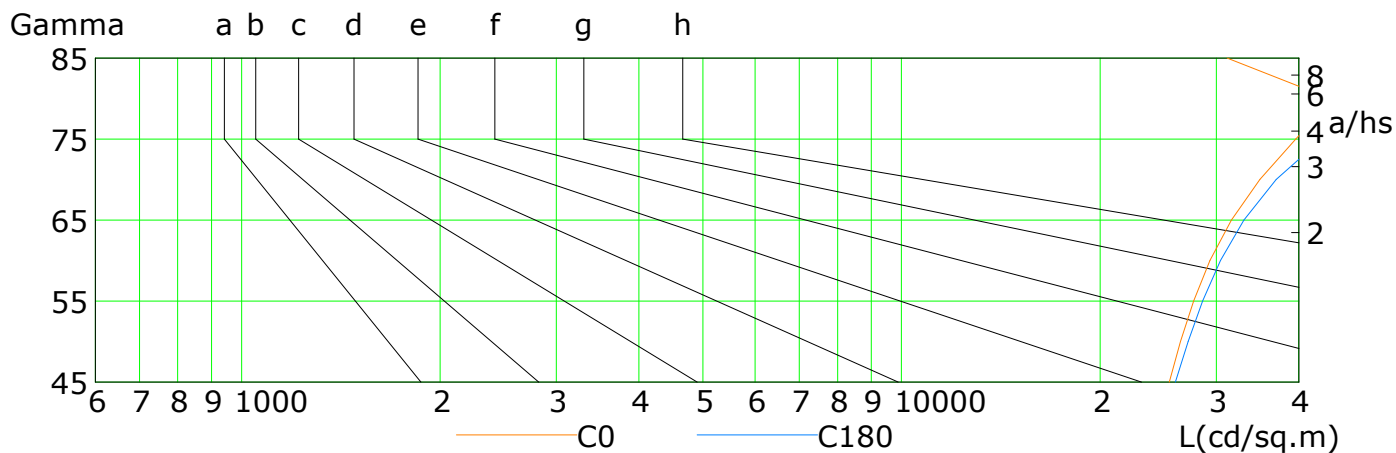
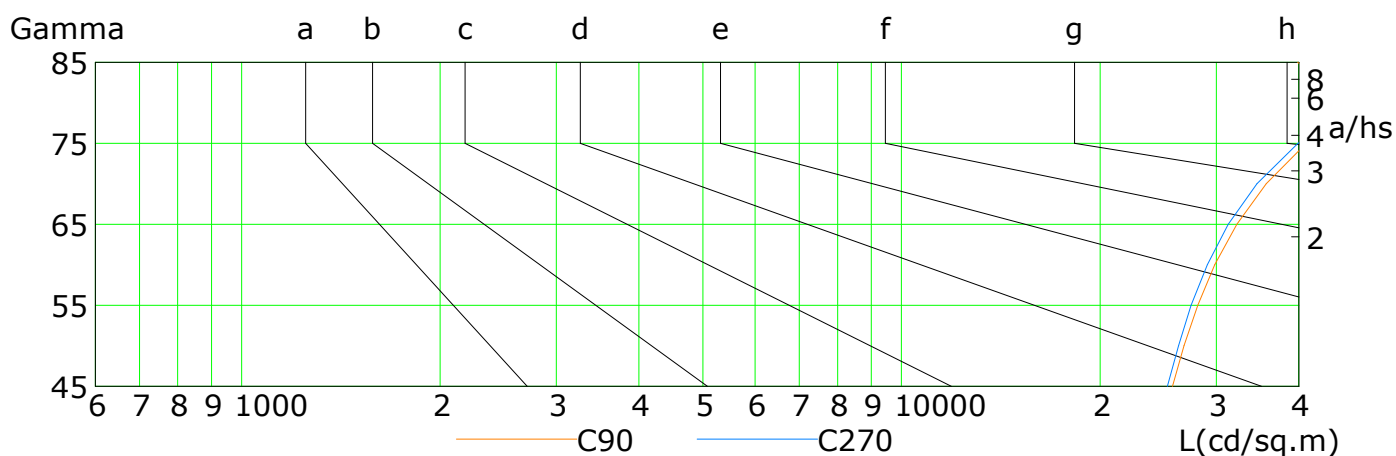
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

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	25469	26481	27716	29354	31611	34927	39585	44702	31176
C90	25732	26796	28128	29842	32224	35719	41032	48425	39835
C180	26011	27208	28591	30445	33021	36960	43235	53440	63851
C270	25279	26296	27475	29063	31285	34563	39873	48212	55413

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

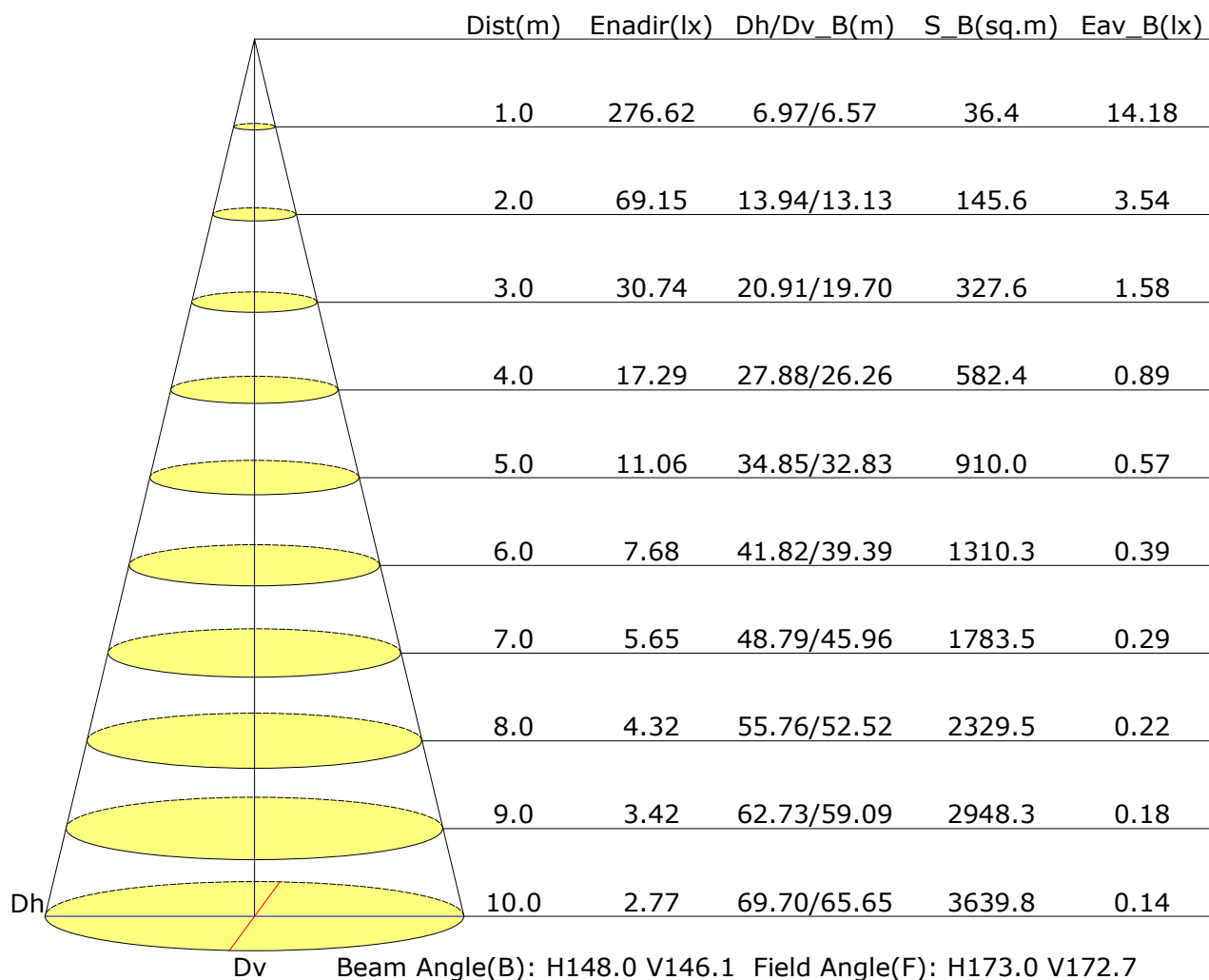
Test Device: GPM-1600L

Distance: 6.490 m [K=1.0000]

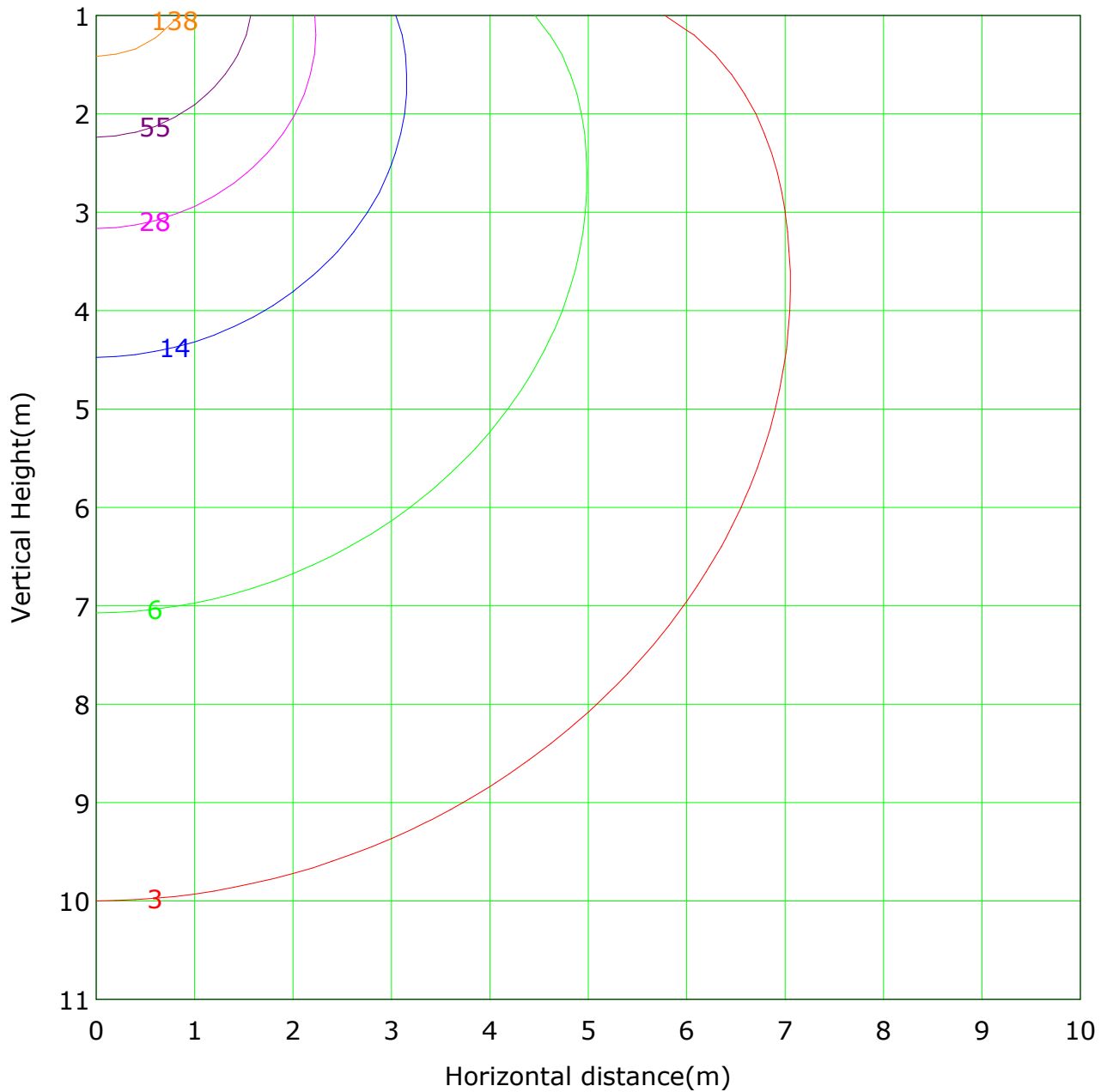
Humidity:

Inspector:

Illuminance at a Distance



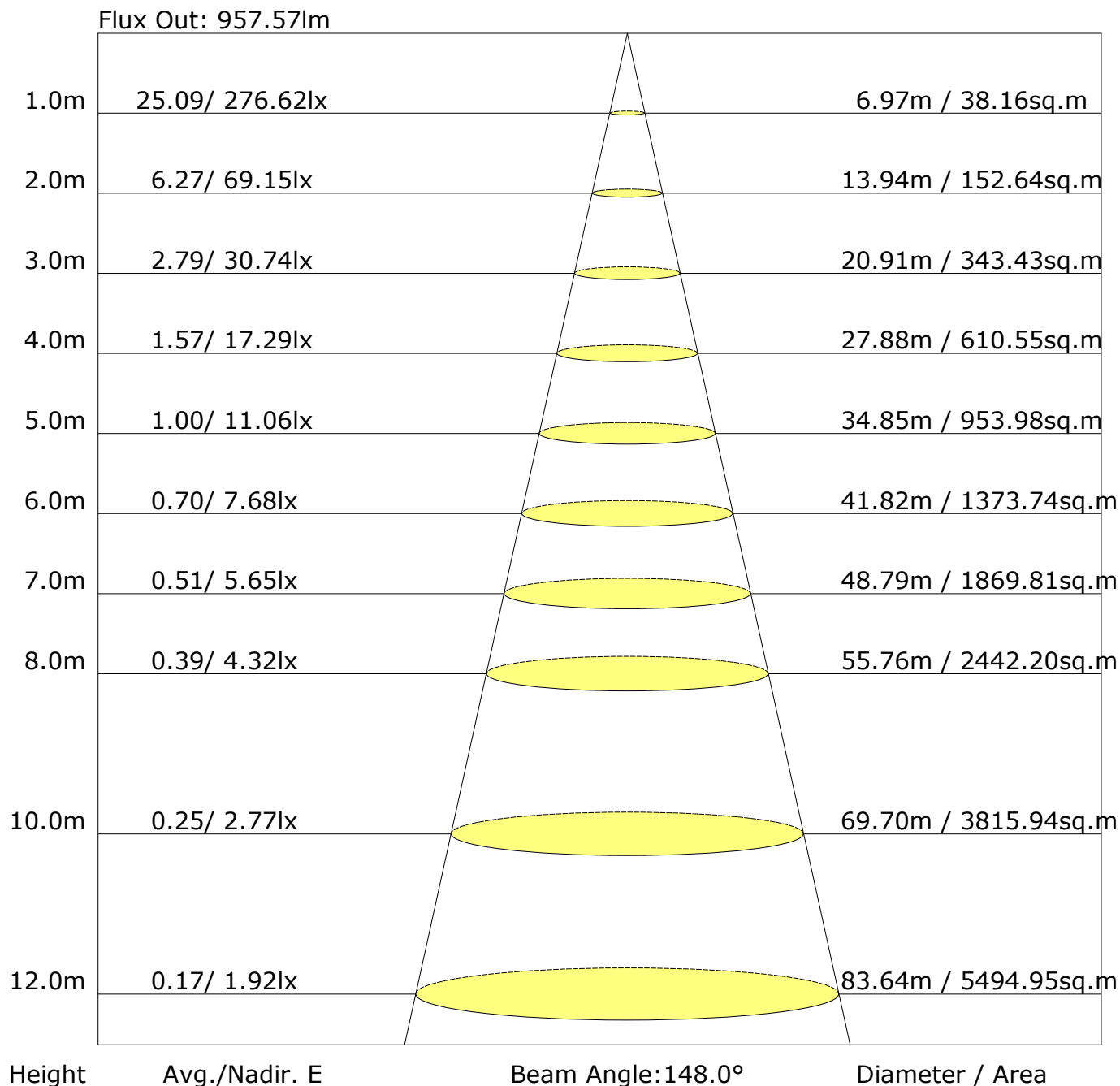
Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 276.6 lx

(1%): 2.8 lx	(2%): 5.5 lx
(5%): 13.8 lx	(10%): 27.7 lx
(20%): 55.3 lx	(50%): 138.3 lx
(100%): 276.6 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	24.3	25.8	24.6	26.1	26.3	24.3	25.8	24.6	26.1	26.3
3H	26.7	28.1	27.1	28.4	28.7	26.7	28.1	27.1	28.4	28.7
4H	27.9	29.3	28.3	29.6	29.9	28.0	29.3	28.4	29.6	30.0
6H	29.1	30.4	29.5	30.7	31.0	29.2	30.5	29.6	30.8	31.2
8H	29.5	30.8	29.9	31.1	31.5	29.8	31.0	30.2	31.3	31.7
12H	29.7	30.9	30.1	31.3	31.6	30.2	31.3	30.6	31.7	32.1
X=4H Y=2H	25.2	26.5	25.6	26.8	27.2	25.2	26.5	25.6	26.9	27.2
3H	27.8	29.0	28.3	29.4	29.7	27.9	29.0	28.3	29.4	29.8
4H	29.3	30.3	29.7	30.7	31.1	29.3	30.4	29.7	30.7	31.1
6H	30.6	31.5	31.0	31.9	32.4	30.7	31.7	31.1	32.1	32.5
8H	31.1	32.0	31.5	32.4	32.8	31.3	32.2	31.8	32.6	33.1
12H	31.3	32.1	31.8	32.6	33.0	31.8	32.6	32.3	33.0	33.5
X=8H Y=4H	29.8	30.7	30.3	31.1	31.6	29.9	30.8	30.3	31.2	31.6
6H	31.4	32.1	31.9	32.6	33.1	31.5	32.2	32.0	32.7	33.2
8H	32.0	32.7	32.5	33.1	33.6	32.3	32.9	32.8	33.4	33.9
12H	32.4	32.9	32.9	33.4	34.0	32.8	33.4	33.3	33.9	34.4
X=12H Y=4H	30.0	30.8	30.4	31.2	31.7	30.0	30.8	30.5	31.2	31.7
6H	31.6	32.2	32.1	32.7	33.2	31.7	32.3	32.2	32.8	33.3
8H	32.3	32.8	32.8	33.3	33.9	32.5	33.1	33.0	33.6	34.1
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 1099Im ($8\log(F/F_0) = 0.3$).

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	538	48.9
	FL (0°-30°)	111	10.1
	FM (30°-60°)	252	23.0
	FH (60°-80°)	150	13.7
	FVH (80°-90°)	24	2.2
	BACK LIGHT	553	50.3
	BL (0°-30°)	112	10.2
	BM (30°-60°)	255	23.2
	BH (60°-80°)	155	14.1
	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	276.6	0.3	0.3	0.02	0.02
1.0-2.0	276.5	0.8	1.1	0.07	0.10
2.0-3.0	276.4	1.3	2.4	0.12	0.22
3.0-4.0	276.3	1.8	4.2	0.17	0.38
4.0-5.0	276.1	2.4	6.6	0.22	0.60
5.0-6.0	275.8	2.9	9.5	0.26	0.86
6.0-7.0	275.5	3.4	12.9	0.31	1.18
7.0-8.0	275.1	3.9	16.9	0.36	1.53
8.0-9.0	274.6	4.5	21.3	0.41	1.94
9.0-10.0	274.2	5.0	26.3	0.45	2.39
10.0-11.0	273.6	5.5	31.7	0.50	2.89
11.0-12.0	273.1	6.0	37.7	0.54	3.43
12.0-13.0	272.4	6.5	44.2	0.59	4.02
13.0-14.0	271.8	7.0	51.1	0.63	4.65
14.0-15.0	271.0	7.4	58.6	0.68	5.33
15.0-16.0	270.2	7.9	66.5	0.72	6.05
16.0-17.0	269.4	8.4	74.9	0.76	6.81
17.0-18.0	268.5	8.9	83.7	0.81	7.62
18.0-19.0	267.6	9.3	93.1	0.85	8.47
19.0-20.0	266.6	9.8	102.8	0.89	9.36
20.0-21.0	265.6	10.2	113.0	0.93	10.28
21.0-22.0	264.5	10.6	123.6	0.97	11.25
22.0-23.0	263.4	11.1	134.7	1.01	12.26
23.0-24.0	262.3	11.5	146.2	1.04	13.30
24.0-25.0	261.1	11.9	158.0	1.08	14.38
25.0-26.0	259.8	12.3	170.3	1.12	15.50
26.0-27.0	258.5	12.6	182.9	1.15	16.65
27.0-28.0	257.1	13.0	196.0	1.18	17.83
28.0-29.0	255.7	13.4	209.3	1.22	19.05
29.0-30.0	254.3	13.7	223.1	1.25	20.30
30.0-31.0	252.8	14.1	237.1	1.28	21.58
31.0-32.0	251.3	14.4	251.5	1.31	22.89
32.0-33.0	249.7	14.7	266.3	1.34	24.23
33.0-34.0	248.1	15.0	281.3	1.37	25.59
34.0-35.0	246.4	15.3	296.6	1.39	26.99
35.0-36.0	244.7	15.6	312.2	1.42	28.41

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	243.0	15.8	328.0	1.44	29.85
37.0-38.0	241.1	16.1	344.1	1.46	31.31
38.0-39.0	239.3	16.3	360.4	1.49	32.80
39.0-40.0	237.3	16.6	377.0	1.51	34.30
40.0-41.0	235.4	16.8	393.8	1.53	35.83
41.0-42.0	233.4	17.0	410.7	1.54	37.37
42.0-43.0	231.4	17.1	427.9	1.56	38.93
43.0-44.0	229.2	17.3	445.2	1.57	40.51
44.0-45.0	227.0	17.5	462.6	1.59	42.09
45.0-46.0	224.7	17.6	480.2	1.60	43.69
46.0-47.0	222.5	17.7	497.9	1.61	45.30
47.0-48.0	220.1	17.8	515.7	1.62	46.92
48.0-49.0	217.6	17.9	533.5	1.63	48.55
49.0-50.0	215.2	17.9	551.5	1.63	50.18
50.0-51.0	212.5	18.0	569.5	1.64	51.82
51.0-52.0	209.8	18.0	587.5	1.64	53.46
52.0-53.0	207.1	18.0	605.5	1.64	55.10
53.0-54.0	204.3	18.0	623.5	1.64	56.74
54.0-55.0	201.5	18.0	641.5	1.64	58.37
55.0-56.0	198.5	17.9	659.4	1.63	60.00
56.0-57.0	195.6	17.9	677.3	1.63	61.63
57.0-58.0	192.6	17.8	695.1	1.62	63.25
58.0-59.0	189.5	17.7	712.9	1.61	64.87
59.0-60.0	186.5	17.6	730.5	1.60	66.47
60.0-61.0	183.4	17.5	748.0	1.59	68.06
61.0-62.0	180.2	17.4	765.3	1.58	69.64
62.0-63.0	177.0	17.2	782.6	1.57	71.21
63.0-64.0	173.7	17.1	799.6	1.55	72.76
64.0-65.0	170.4	16.9	816.5	1.53	74.30
65.0-66.0	167.1	16.7	833.2	1.52	75.81
66.0-67.0	163.8	16.5	849.6	1.50	77.31
67.0-68.0	160.4	16.3	865.9	1.48	78.79
68.0-69.0	157.0	16.0	881.9	1.46	80.25
69.0-70.0	153.4	15.8	897.7	1.43	81.68
70.0-71.0	149.8	15.5	913.1	1.41	83.09
71.0-72.0	146.1	15.2	928.3	1.38	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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	142.2	14.9	943.2	1.35	85.83
73.0-74.0	138.3	14.5	957.7	1.32	87.15
74.0-75.0	134.2	14.2	971.9	1.29	88.44
75.0-76.0	129.9	13.8	985.7	1.26	89.69
76.0-77.0	125.4	13.4	999.1	1.22	90.91
77.0-78.0	120.4	12.9	1012.0	1.17	92.08
78.0-79.0	114.9	12.3	1024.3	1.12	93.21
79.0-80.0	108.8	11.7	1036.1	1.07	94.28
80.0-81.0	101.8	11.0	1047.1	1.00	95.28
81.0-82.0	93.9	10.2	1057.3	0.93	96.20
82.0-83.0	84.3	9.2	1066.4	0.83	97.04
83.0-84.0	72.9	7.9	1074.4	0.72	97.76
84.0-85.0	59.2	6.5	1080.8	0.59	98.35
85.0-86.0	43.2	4.7	1085.6	0.43	98.78
86.0-87.0	26.5	2.9	1088.5	0.26	99.04
87.0-88.0	12.4	1.4	1089.8	0.12	99.17
88.0-89.0	4.1	0.4	1090.3	0.04	99.21
89.0-90.0	1.2	0.1	1090.4	0.01	99.22
90.0-91.0	0.7	0.1	1090.5	0.01	99.22
91.0-92.0	0.6	0.1	1090.5	0.01	99.23
92.0-93.0	0.6	0.1	1090.6	0.01	99.24
93.0-94.0	0.6	0.1	1090.6	0.01	99.24
94.0-95.0	0.6	0.1	1090.7	0.01	99.25
95.0-96.0	0.6	0.1	1090.8	0.01	99.25
96.0-97.0	0.7	0.1	1090.9	0.01	99.26
97.0-98.0	0.7	0.1	1090.9	0.01	99.27
98.0-99.0	0.7	0.1	1091.0	0.01	99.27
99.0-100.0	0.7	0.1	1091.1	0.01	99.28
100.0-101.0	0.8	0.1	1091.2	0.01	99.29
101.0-102.0	0.8	0.1	1091.2	0.01	99.30
102.0-103.0	0.8	0.1	1091.3	0.01	99.30
103.0-104.0	0.9	0.1	1091.4	0.01	99.31
104.0-105.0	0.9	0.1	1091.5	0.01	99.32
105.0-106.0	0.9	0.1	1091.6	0.01	99.33
106.0-107.0	1.0	0.1	1091.7	0.01	99.34
107.0-108.0	1.0	0.1	1091.8	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	1091.9	0.01	99.36
109.0-110.0	1.1	0.1	1092.0	0.01	99.37
110.0-111.0	1.1	0.1	1092.2	0.01	99.38
111.0-112.0	1.1	0.1	1092.3	0.01	99.39
112.0-113.0	1.2	0.1	1092.4	0.01	99.40
113.0-114.0	1.2	0.1	1092.5	0.01	99.41
114.0-115.0	1.2	0.1	1092.6	0.01	99.42
115.0-116.0	1.3	0.1	1092.8	0.01	99.43
116.0-117.0	1.3	0.1	1092.9	0.01	99.45
117.0-118.0	1.3	0.1	1093.0	0.01	99.46
118.0-119.0	1.3	0.1	1093.1	0.01	99.47
119.0-120.0	1.4	0.1	1093.3	0.01	99.48
120.0-121.0	1.4	0.1	1093.4	0.01	99.49
121.0-122.0	1.4	0.1	1093.5	0.01	99.51
122.0-123.0	1.5	0.1	1093.7	0.01	99.52
123.0-124.0	1.5	0.1	1093.8	0.01	99.53
124.0-125.0	1.5	0.1	1093.9	0.01	99.54
125.0-126.0	1.5	0.1	1094.1	0.01	99.56
126.0-127.0	1.6	0.1	1094.2	0.01	99.57
127.0-128.0	1.6	0.1	1094.4	0.01	99.58
128.0-129.0	1.6	0.1	1094.5	0.01	99.59
129.0-130.0	1.6	0.1	1094.6	0.01	99.61
130.0-131.0	1.6	0.1	1094.8	0.01	99.62
131.0-132.0	1.7	0.1	1094.9	0.01	99.63
132.0-133.0	1.7	0.1	1095.1	0.01	99.64
133.0-134.0	1.7	0.1	1095.2	0.01	99.66
134.0-135.0	1.7	0.1	1095.3	0.01	99.67
135.0-136.0	1.7	0.1	1095.5	0.01	99.68
136.0-137.0	1.8	0.1	1095.6	0.01	99.69
137.0-138.0	1.8	0.1	1095.7	0.01	99.70
138.0-139.0	1.8	0.1	1095.9	0.01	99.72
139.0-140.0	1.8	0.1	1096.0	0.01	99.73
140.0-141.0	1.8	0.1	1096.1	0.01	99.74
141.0-142.0	1.9	0.1	1096.2	0.01	99.75
142.0-143.0	1.9	0.1	1096.4	0.01	99.76
143.0-144.0	1.9	0.1	1096.5	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	1.9	0.1	1096.6	0.01	99.78
145.0-146.0	1.9	0.1	1096.7	0.01	99.80
146.0-147.0	1.9	0.1	1096.8	0.01	99.81
147.0-148.0	2.0	0.1	1097.0	0.01	99.82
148.0-149.0	2.0	0.1	1097.1	0.01	99.83
149.0-150.0	2.0	0.1	1097.2	0.01	99.84
150.0-151.0	2.0	0.1	1097.3	0.01	99.85
151.0-152.0	2.0	0.1	1097.4	0.01	99.86
152.0-153.0	2.0	0.1	1097.5	0.01	99.87
153.0-154.0	2.0	0.1	1097.6	0.01	99.88
154.0-155.0	2.1	0.1	1097.7	0.01	99.88
155.0-156.0	2.1	0.1	1097.8	0.01	99.89
156.0-157.0	2.1	0.1	1097.9	0.01	99.90
157.0-158.0	2.1	0.1	1098.0	0.01	99.91
158.0-159.0	2.1	0.1	1098.1	0.01	99.92
159.0-160.0	2.1	0.1	1098.1	0.01	99.92
160.0-161.0	2.1	0.1	1098.2	0.01	99.93
161.0-162.0	2.1	0.1	1098.3	0.01	99.94
162.0-163.0	2.2	0.1	1098.4	0.01	99.94
163.0-164.0	2.2	0.1	1098.4	0.01	99.95
164.0-165.0	2.2	0.1	1098.5	0.01	99.96
165.0-166.0	2.2	0.1	1098.6	0.01	99.96
166.0-167.0	2.2	0.1	1098.6	0.01	99.97
167.0-168.0	2.2	0.1	1098.7	0.00	99.97
168.0-169.0	2.2	0.0	1098.7	0.00	99.98
169.0-170.0	2.2	0.0	1098.8	0.00	99.98
170.0-171.0	2.2	0.0	1098.8	0.00	99.98
171.0-172.0	2.3	0.0	1098.8	0.00	99.99
172.0-173.0	2.3	0.0	1098.9	0.00	99.99
173.0-174.0	2.3	0.0	1098.9	0.00	99.99
174.0-175.0	2.3	0.0	1098.9	0.00	100.00
175.0-176.0	2.3	0.0	1098.9	0.00	100.00
176.0-177.0	2.3	0.0	1099.0	0.00	100.00
177.0-178.0	2.3	0.0	1099.0	0.00	100.00
178.0-179.0	2.3	0.0	1099.0	0.00	100.00
179.0-180.0	2.3	0.0	1099.0	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°): 462.61 lm

%lum = 42.1%

%lamp = 42.1%

cone flux(120°): 730.47 lm

%lum = 66.5%

%lamp = 66.5%

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	276.6	276.5	276.6	276.5	276.6					
G1.0	276.5	276.7	276.7	276.4	276.5					
G2.0	276.4	276.5	276.6	276.4	276.4					
G3.0	276.2	276.4	276.5	276.2	276.2					
G4.0	276.0	276.3	276.4	276.0	276.0					
G5.0	275.8	276.1	276.3	275.7	275.8					
G6.0	275.4	275.9	276.0	275.4	275.4					
G7.0	275.0	275.6	275.8	274.9	275.0					
G8.0	274.5	275.2	275.5	274.3	274.5					
G9.0	274.0	274.8	275.1	273.9	274.0					
G10.0	273.4	274.3	274.6	273.4	273.4					
G11.0	272.8	273.7	274.1	272.7	272.8					
G12.0	272.3	273.2	273.5	272.1	272.3					
G13.0	271.6	272.6	272.9	271.3	271.6					
G14.0	270.8	271.9	272.4	270.6	270.8					
G15.0	269.9	271.2	271.7	269.8	269.9					
G16.0	269.2	270.4	270.9	268.9	269.2					
G17.0	268.2	269.5	270.1	267.9	268.2					
G18.0	267.4	268.7	269.3	267.0	267.4					
G19.0	266.3	267.8	268.3	265.9	266.3					
G20.0	265.4	266.8	267.4	264.9	265.4					
G21.0	264.3	265.7	266.4	263.7	264.3					
G22.0	263.0	264.6	265.4	262.6	263.0					
G23.0	261.9	263.7	264.3	261.5	261.9					
G24.0	260.9	262.5	263.3	260.2	260.9					
G25.0	259.4	261.2	262.1	258.9	259.4					
G26.0	258.2	259.9	260.9	257.6	258.2					
G27.0	256.8	258.6	259.6	256.1	256.8					
G28.0	255.5	257.3	258.4	254.7	255.5					
G29.0	254.0	256.0	256.9	253.1	254.0					
G30.0	252.5	254.4	255.6	251.7	252.5					
G31.0	251.0	253.0	254.2	250.2	251.0					
G32.0	249.5	251.4	252.6	248.5	249.5					
G33.0	247.7	249.8	251.3	246.9	247.7					
G34.0	246.1	248.2	249.6	245.2	246.1					
G35.0	244.5	246.5	248.0	243.4	244.5					
G36.0	242.6	244.8	246.4	241.7	242.6					

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	240.9	243.0	244.6	239.6	240.9					
G38.0	238.9	241.1	242.9	237.8	238.9					
G39.0	237.1	239.3	241.3	235.9	237.1					
G40.0	235.0	237.2	239.3	233.8	235.0					
G41.0	233.0	235.3	237.5	231.8	233.0					
G42.0	231.0	233.4	235.7	229.8	231.0					
G43.0	228.8	231.1	233.6	227.5	228.8					
G44.0	226.6	229.1	231.6	225.3	226.6					
G45.0	224.6	226.9	229.3	222.9	224.6					
G46.0	221.9	224.5	227.1	220.6	221.9					
G47.0	219.7	222.3	225.1	218.4	219.7					
G48.0	217.1	219.7	222.6	215.7	217.1					
G49.0	214.7	217.3	220.2	213.2	214.7					
G50.0	212.2	214.8	218.1	210.8	212.2					
G51.0	209.3	212.1	215.3	207.8	209.3					
G52.0	206.7	209.6	212.7	205.1	206.7					
G53.0	204.1	206.8	209.8	202.1	204.1					
G54.0	201.0	203.9	207.2	199.3	201.0					
G55.0	198.2	201.2	204.5	196.5	198.2					
G56.0	195.1	198.0	201.5	193.3	195.1					
G57.0	192.2	195.2	198.7	190.4	192.2					
G58.0	189.4	192.2	195.6	187.1	189.4					
G59.0	186.0	189.0	192.7	184.2	186.0					
G60.0	183.0	186.1	189.8	181.2	183.0					
G61.0	179.8	182.9	186.7	177.8	179.8					
G62.0	176.5	179.5	183.7	174.6	176.5					
G63.0	173.4	176.6	180.5	171.5	173.4					
G64.0	169.8	173.0	177.2	167.9	169.8					
G65.0	166.6	169.8	174.0	164.9	166.6					
G66.0	163.4	166.7	170.7	161.2	163.4					
G67.0	159.8	162.9	167.6	158.0	159.8					
G68.0	156.3	159.7	164.3	154.6	156.3					
G69.0	152.9	156.3	160.8	150.9	152.9					
G70.0	148.9	152.3	157.6	147.4	148.9					
G71.0	145.1	148.8	154.1	143.9	145.1					
G72.0	141.0	144.9	150.5	140.0	141.0					
G73.0	137.0	140.9	147.0	136.3	137.0					

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 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	132.6	137.0	143.3	132.4	132.6					
G75.0	127.8	132.4	139.5	128.7	127.8					
G76.0	122.7	128.1	135.8	124.5	122.7					
G77.0	117.7	123.4	131.4	119.9	117.7					
G78.0	111.3	117.5	126.7	115.2	111.3					
G79.0	104.9	111.8	121.6	110.1	104.9					
G80.0	96.8	104.8	115.7	104.4	96.8					
G81.0	87.8	97.1	109.6	98.5	87.8					
G82.0	76.8	88.2	101.8	91.2	76.8					
G83.0	62.9	76.5	93.3	83.4	62.9					
G84.0	47.7	61.9	83.3	74.2	47.7					
G85.0	33.9	43.3	69.4	60.2	33.9					
G86.0	19.4	21.1	53.5	45.0	19.4					
G87.0	3.8	3.3	37.7	27.8	3.8					
G88.0	1.2	0.9	19.0	5.3	1.2					
G89.0	0.7	0.7	3.6	1.3	0.7					
G90.0	0.6	0.6	1.3	0.5	0.6					
G91.0	0.6	0.6	0.6	0.5	0.6					
G92.0	0.6	0.6	0.6	0.5	0.6					
G93.0	0.6	0.6	0.6	0.5	0.6					
G94.0	0.7	0.6	0.5	0.6	0.7					
G95.0	0.7	0.7	0.5	0.6	0.7					
G96.0	0.8	0.8	0.6	0.6	0.8					
G97.0	0.7	0.7	0.5	0.6	0.7					
G98.0	0.8	0.8	0.6	0.6	0.8					
G99.0	0.8	0.8	0.6	0.6	0.8					
G100.0	0.8	0.9	0.6	0.7	0.8					
G101.0	0.9	0.8	0.7	0.7	0.9					
G102.0	0.9	0.9	0.7	0.7	0.9					
G103.0	1.0	0.9	0.7	0.8	1.0					
G104.0	1.0	0.9	0.7	0.8	1.0					
G105.0	1.0	1.0	0.7	0.8	1.0					
G106.0	1.1	1.0	0.8	0.9	1.1					
G107.0	1.1	1.0	0.8	0.9	1.1					
G108.0	1.1	1.1	0.9	1.0	1.1					
G109.0	1.1	1.1	0.9	1.0	1.1					
G110.0	1.1	1.1	1.0	1.0	1.1					

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	0.9	1.1	1.2					
G112.0	1.2	1.2	1.0	1.1	1.2					
G113.0	1.2	1.3	1.1	1.2	1.2					
G114.0	1.3	1.3	1.1	1.2	1.3					
G115.0	1.3	1.3	1.1	1.2	1.3					
G116.0	1.3	1.4	1.1	1.2	1.3					
G117.0	1.4	1.4	1.2	1.3	1.4					
G118.0	1.4	1.4	1.3	1.3	1.4					
G119.0	1.4	1.4	1.3	1.4	1.4					
G120.0	1.5	1.5	1.3	1.4	1.5					
G121.0	1.5	1.5	1.3	1.4	1.5					
G122.0	1.5	1.5	1.3	1.4	1.5					
G123.0	1.6	1.6	1.3	1.5	1.6					
G124.0	1.5	1.6	1.4	1.5	1.5					
G125.0	1.6	1.6	1.4	1.5	1.6					
G126.0	1.6	1.6	1.5	1.5	1.6					
G127.0	1.7	1.7	1.5	1.5	1.7					
G128.0	1.6	1.7	1.5	1.6	1.6					
G129.0	1.7	1.7	1.5	1.6	1.7					
G130.0	1.7	1.7	1.5	1.6	1.7					
G131.0	1.7	1.7	1.5	1.6	1.7					
G132.0	1.8	1.7	1.5	1.6	1.8					
G133.0	1.8	1.8	1.6	1.7	1.8					
G134.0	1.8	1.8	1.6	1.7	1.8					
G135.0	1.8	1.8	1.6	1.6	1.8					
G136.0	1.8	1.8	1.7	1.7	1.8					
G137.0	1.8	1.9	1.7	1.7	1.8					
G138.0	1.9	1.9	1.7	1.8	1.9					
G139.0	1.8	1.9	1.7	1.8	1.8					
G140.0	1.9	1.9	1.7	1.8	1.9					
G141.0	1.9	2.0	1.7	1.8	1.9					
G142.0	1.9	2.0	1.8	1.8	1.9					
G143.0	1.9	2.0	1.8	1.8	1.9					
G144.0	1.9	2.0	1.8	1.9	1.9					
G145.0	2.0	2.0	1.8	1.9	2.0					
G146.0	2.0	2.0	1.9	1.9	2.0					
G147.0	2.0	2.0	1.9	1.9	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	2.0	1.9	2.0	2.0					
G149.0	2.0	2.0	1.9	2.0	2.0					
G150.0	2.0	2.1	2.0	2.0	2.0					
G151.0	2.0	2.1	1.9	2.0	2.0					
G152.0	2.1	2.1	2.0	2.0	2.1					
G153.0	2.0	2.1	2.0	2.0	2.0					
G154.0	2.1	2.1	2.0	2.0	2.1					
G155.0	2.1	2.1	2.0	2.0	2.1					
G156.0	2.1	2.1	2.0	2.1	2.1					
G157.0	2.1	2.1	2.0	2.1	2.1					
G158.0	2.1	2.1	2.1	2.1	2.1					
G159.0	2.1	2.2	2.1	2.1	2.1					
G160.0	2.1	2.1	2.1	2.1	2.1					
G161.0	2.2	2.2	2.1	2.2	2.2					
G162.0	2.2	2.2	2.1	2.2	2.2					
G163.0	2.2	2.2	2.1	2.2	2.2					
G164.0	2.2	2.2	2.1	2.2	2.2					
G165.0	2.2	2.2	2.2	2.3	2.2					
G166.0	2.2	2.2	2.2	2.2	2.2					
G167.0	2.2	2.2	2.2	2.2	2.2					
G168.0	2.2	2.2	2.2	2.3	2.2					
G169.0	2.2	2.3	2.2	2.3	2.2					
G170.0	2.2	2.2	2.2	2.3	2.2					
G171.0	2.2	2.3	2.2	2.3	2.2					
G172.0	2.2	2.3	2.3	2.3	2.2					
G173.0	2.3	2.2	2.2	2.3	2.3					
G174.0	2.2	2.3	2.2	2.3	2.2					
G175.0	2.3	2.3	2.3	2.3	2.3					
G176.0	2.3	2.3	2.3	2.3	2.3					
G177.0	2.3	2.3	2.3	2.3	2.3					
G178.0	2.3	2.3	2.3	2.3	2.3					
G179.0	2.2	2.3	2.2	2.3	2.2					
G180.0	2.2	2.3	2.3	2.3	2.2					

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:

LED Average Luminance Report

Avg.L	cd/m ²
L 0-180(65) av	32316.38
L 0-180(75) av	41410.39
L 0-180(85) av	47513.54
L 90-270(65) av	31754.67
L 90-270(75) av	40452.90
L 90-270(85) av	47623.96
L 45(65) av	32035.52
L 45(75) av	40931.65
L 45(85) av	47568.75

Standard: GB/T 29293-2012