

Report No.:

Test Time: 2026-10-09 09:13

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm): -76.5

Luminous Height (mm):

Current: 0.061 A

Power Factor: 0.882

Luminaire Description: 67795WT

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): -76.5

Voltage: 220.6 V

Power: 11.77 W

Photometric Results

CIE Class: Direct

Measurement Flux: 778.8 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H141.5

Vertical Diffuse Angle(50%): V138.1

Luminaire Efficacy Rating (LER): 66.21

Max. Intensity: 210.33 cd

S/MH(C0/C180): 1.36

Total Rated Lamp Lumens: 778.8 lm

Efficiency: 100%

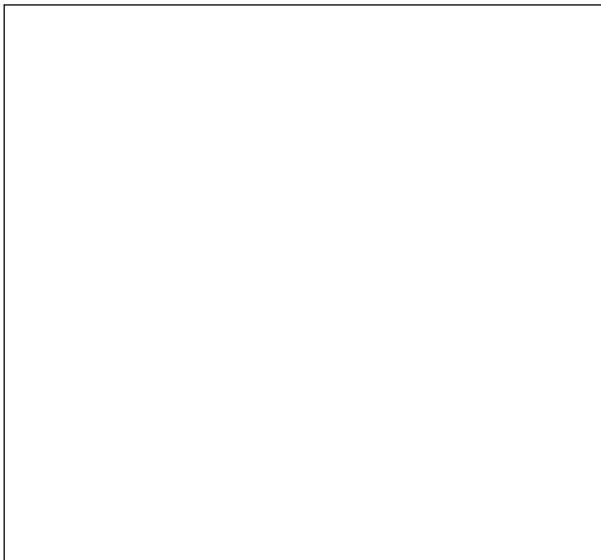
Upward Ratio: 1%

C0r0 Intensity: 210.31 cd

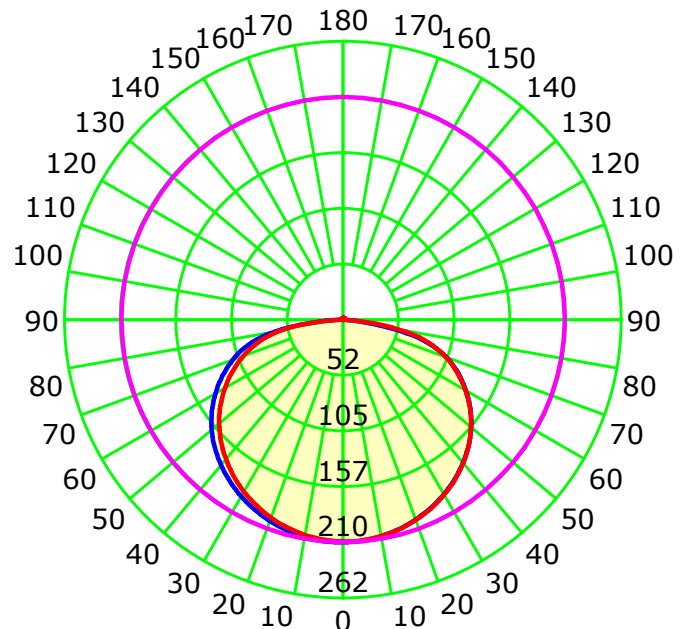
Pos of Max. Intensity: H180 V2

S/MH(C90/C270): 1.35

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 139.8°

— 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

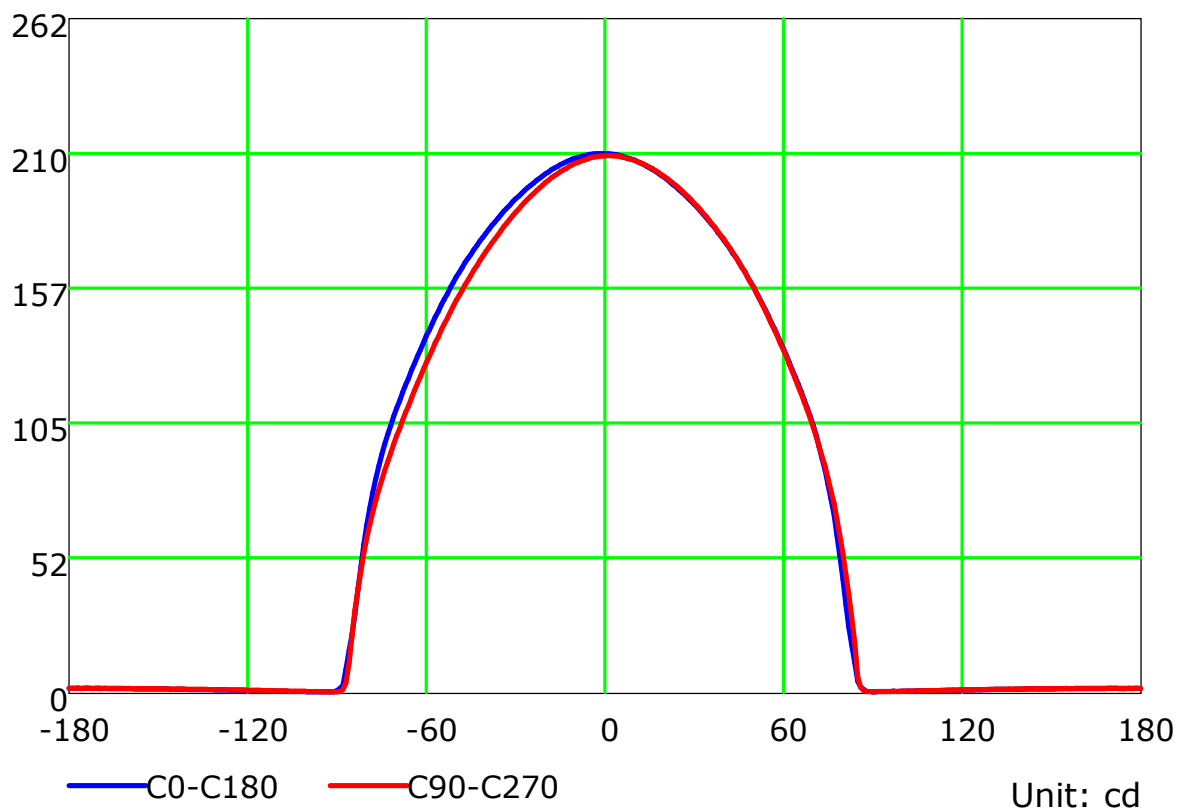
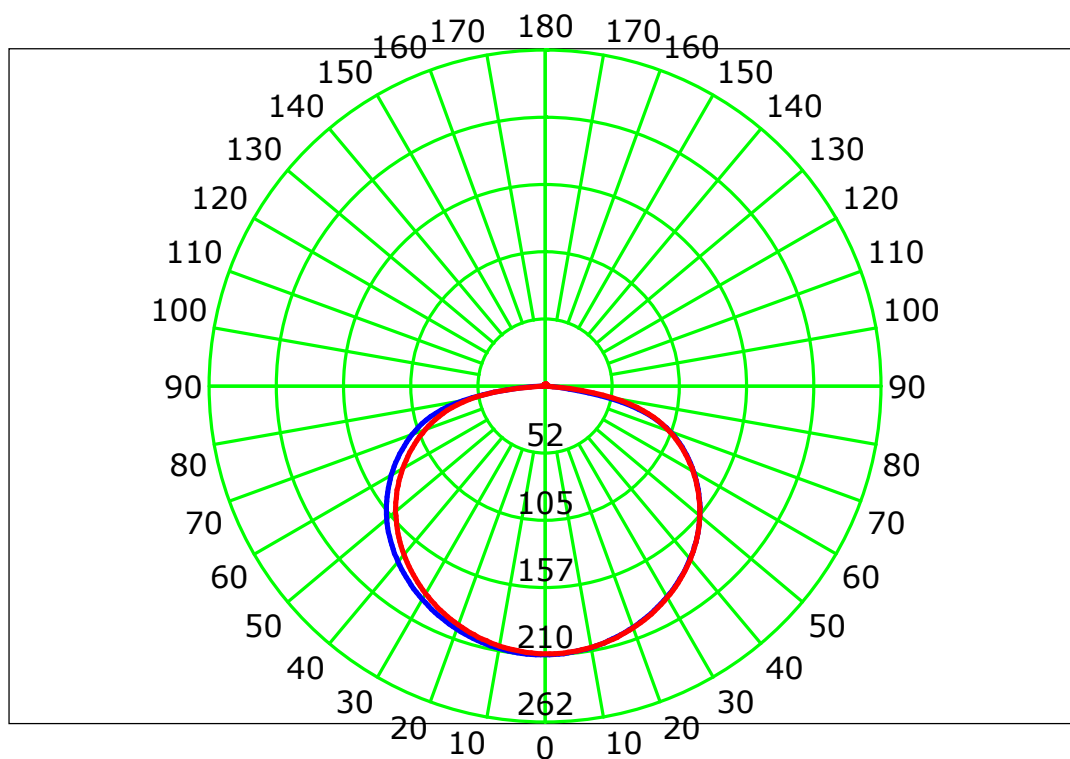
Test Device: GPM-1600L

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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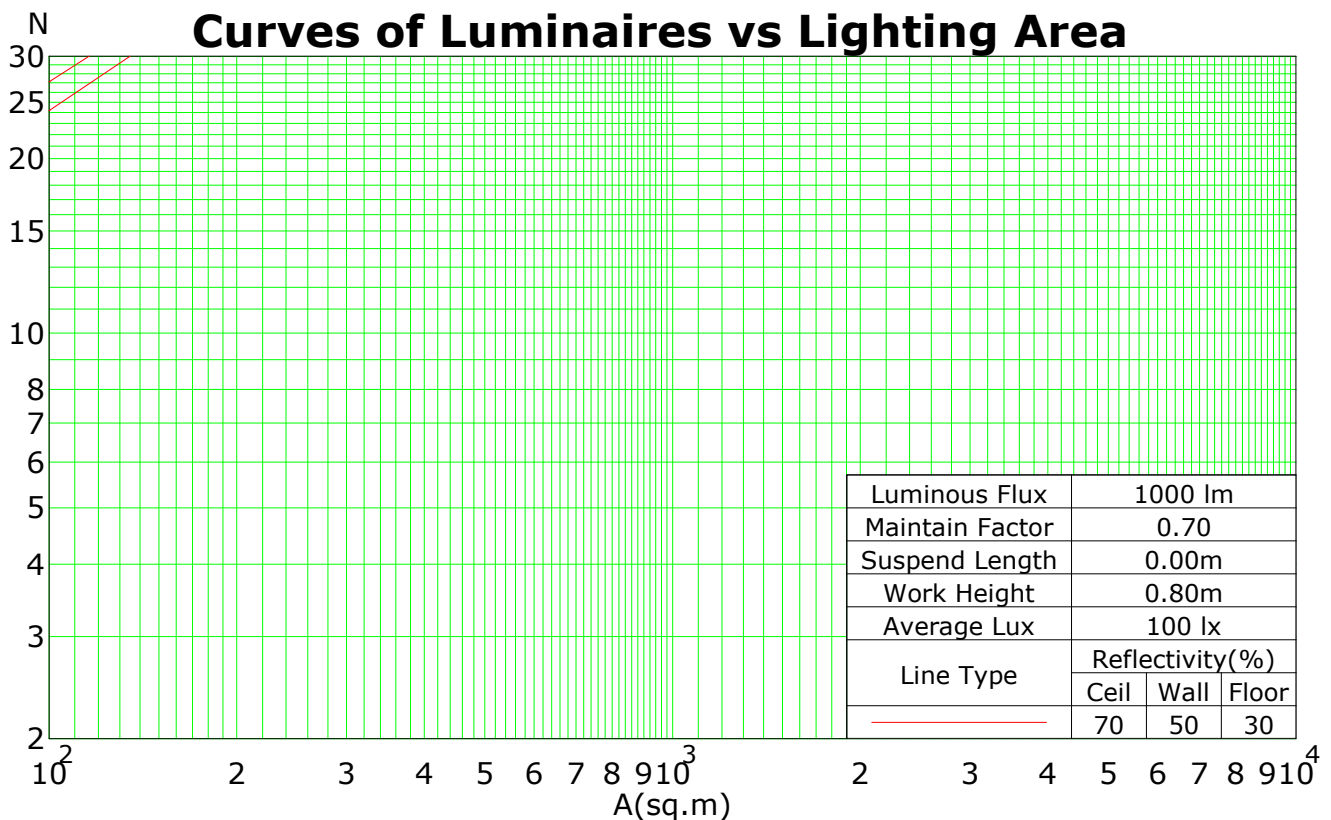
Coefficients Of Utilization - Zonal Cavity Method

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	1.07	1.02	0.97	0.92	1.04	0.99	0.95	0.91	0.95	0.91	0.88	0.91	0.88	0.85	0.87	0.84	0.82	0.80
2	0.96	0.87	0.79	0.73	0.93	0.85	0.78	0.72	0.81	0.75	0.70	0.77	0.73	0.68	0.74	0.70	0.66	0.64
3	0.87	0.75	0.66	0.59	0.84	0.73	0.65	0.58	0.70	0.63	0.57	0.67	0.61	0.56	0.64	0.59	0.55	0.52
4	0.79	0.66	0.56	0.49	0.76	0.64	0.55	0.48	0.62	0.54	0.48	0.59	0.52	0.47	0.57	0.51	0.46	0.44
5	0.72	0.58	0.49	0.41	0.70	0.57	0.48	0.41	0.55	0.47	0.41	0.53	0.46	0.40	0.51	0.44	0.39	0.37
6	0.66	0.52	0.43	0.36	0.64	0.51	0.42	0.35	0.49	0.41	0.35	0.47	0.40	0.35	0.46	0.39	0.34	0.32
7	0.61	0.47	0.38	0.31	0.60	0.46	0.37	0.31	0.44	0.37	0.31	0.43	0.36	0.30	0.41	0.35	0.30	0.28
8	0.57	0.43	0.34	0.28	0.55	0.42	0.33	0.27	0.41	0.33	0.27	0.39	0.32	0.27	0.38	0.32	0.27	0.25
9	0.53	0.39	0.30	0.25	0.52	0.38	0.30	0.25	0.37	0.30	0.24	0.36	0.29	0.24	0.35	0.29	0.24	0.22
10	0.50	0.36	0.28	0.22	0.48	0.35	0.27	0.22	0.34	0.27	0.22	0.33	0.27	0.22	0.32	0.26	0.22	0.20

Spacing Criteria (0-180): 1.36

Spacing Criteria (90-270): 1.35

Spacing Criteria (Diagonal): 1.51



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

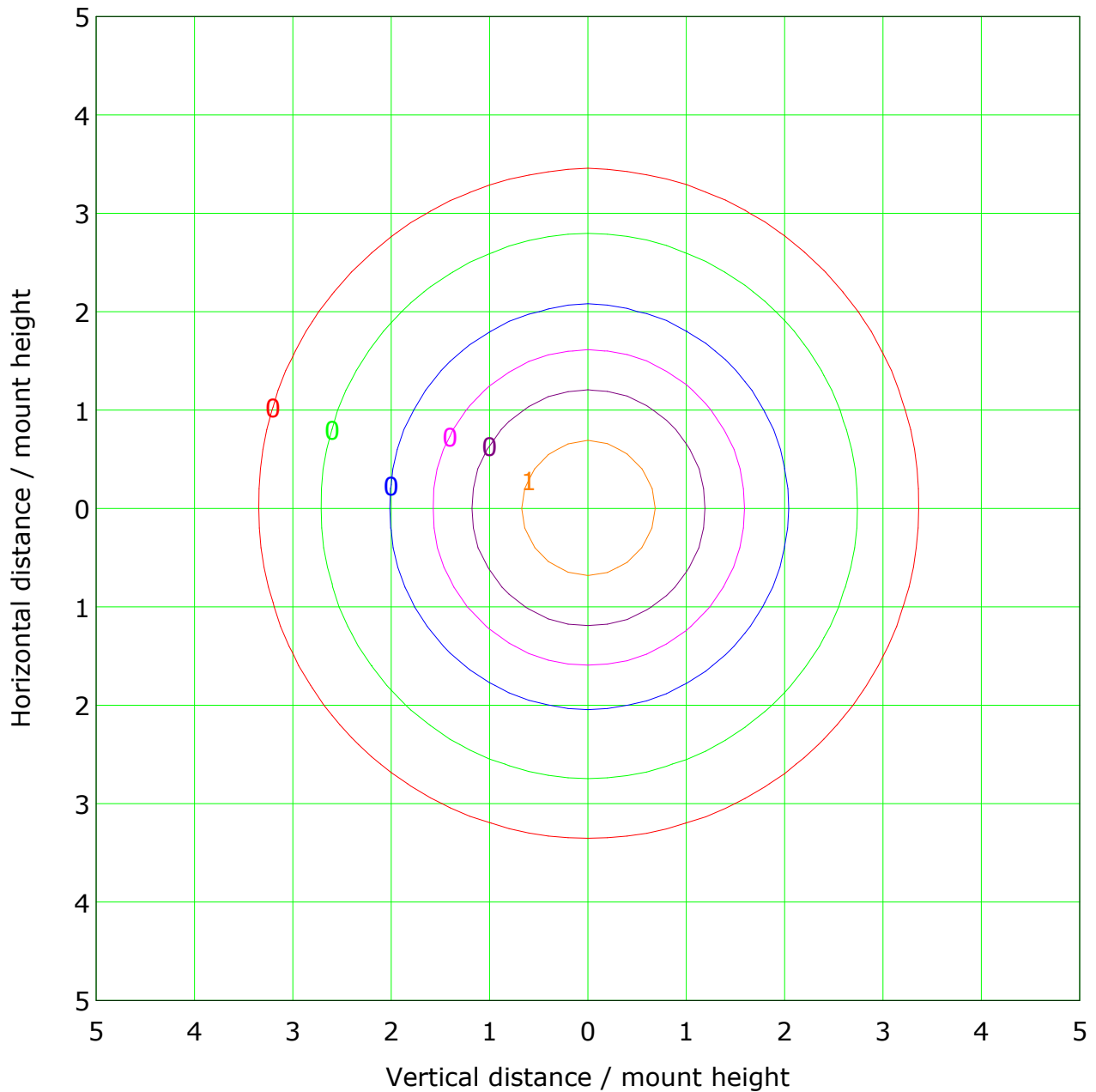
Test Device: GPM-1600L

Distance: 6.490 m [K=1.0000]

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 2.1 lx

(1%): 0.0 lx	(2%): 0.0 lx
(5%): 0.1 lx	(10%): 0.2 lx
(20%): 0.4 lx	(50%): 1.1 lx
(100%): 2.1 lx	

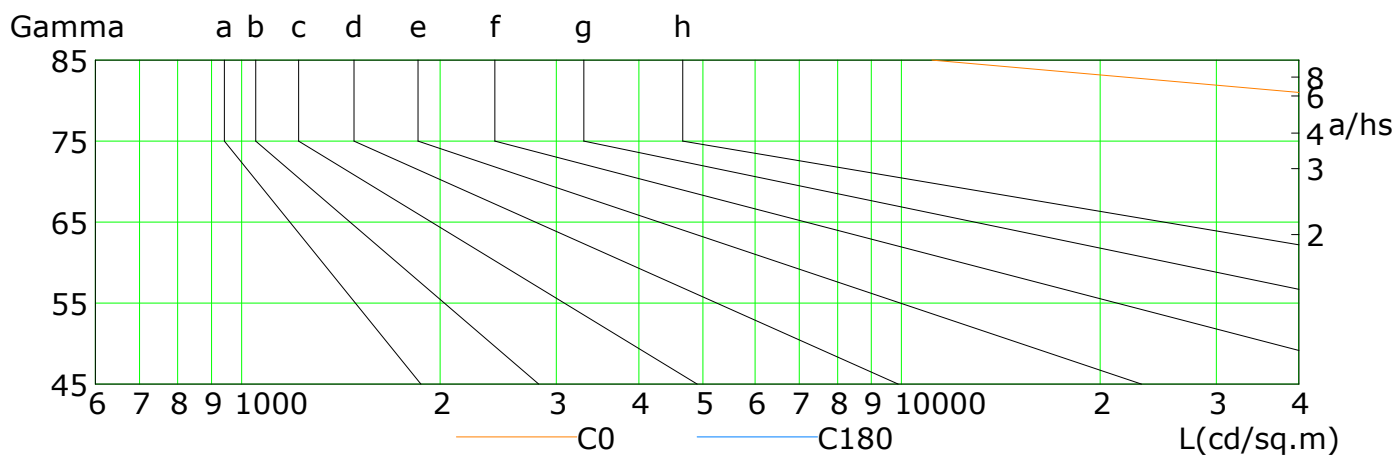
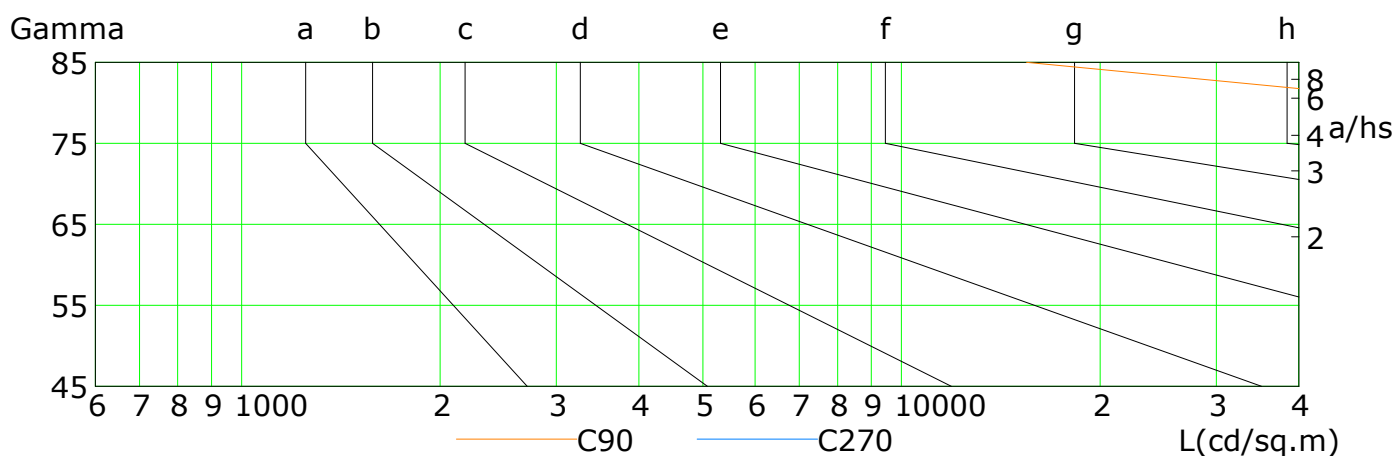
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

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

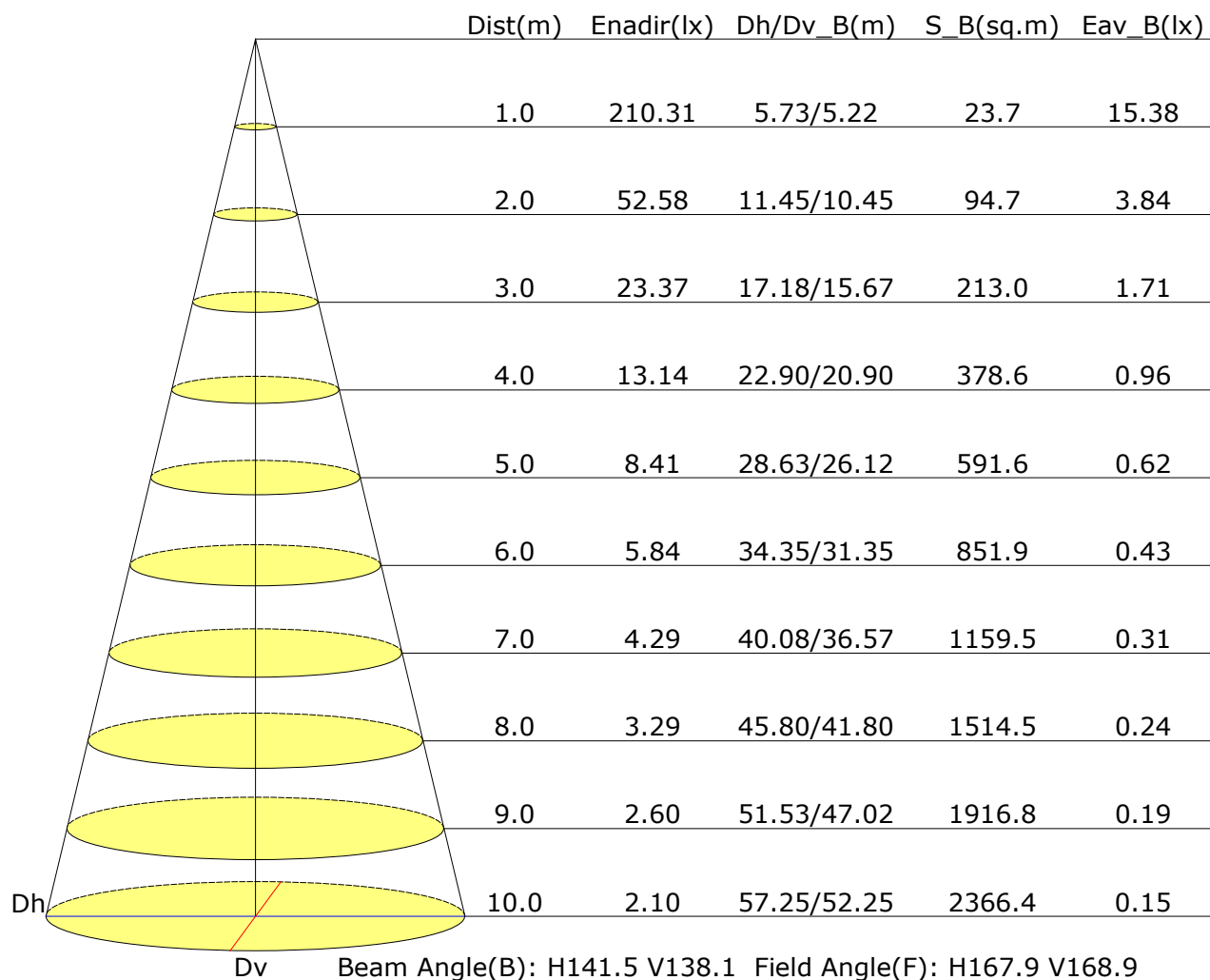


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	51715	53539	55721	58399	61972	66264	68291	55153	11133
C90	51731	53492	55562	58177	61519	65800	70291	67607	15477
C180	52641	54859	57371	60561	64772	70545	78058	81777	56466
C270	50124	51776	53699	56010	59161	63643	69652	75475	55143

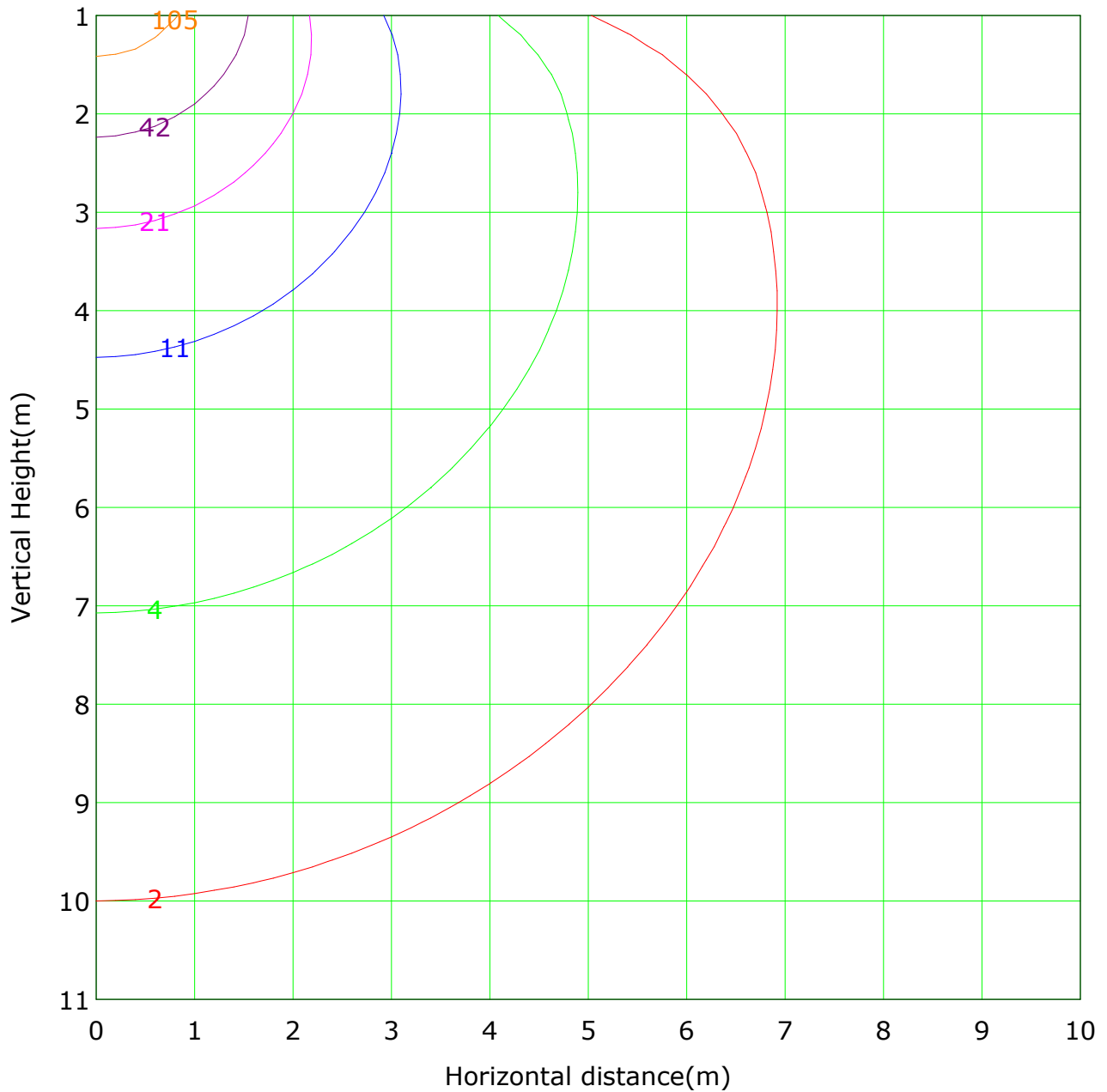
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

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



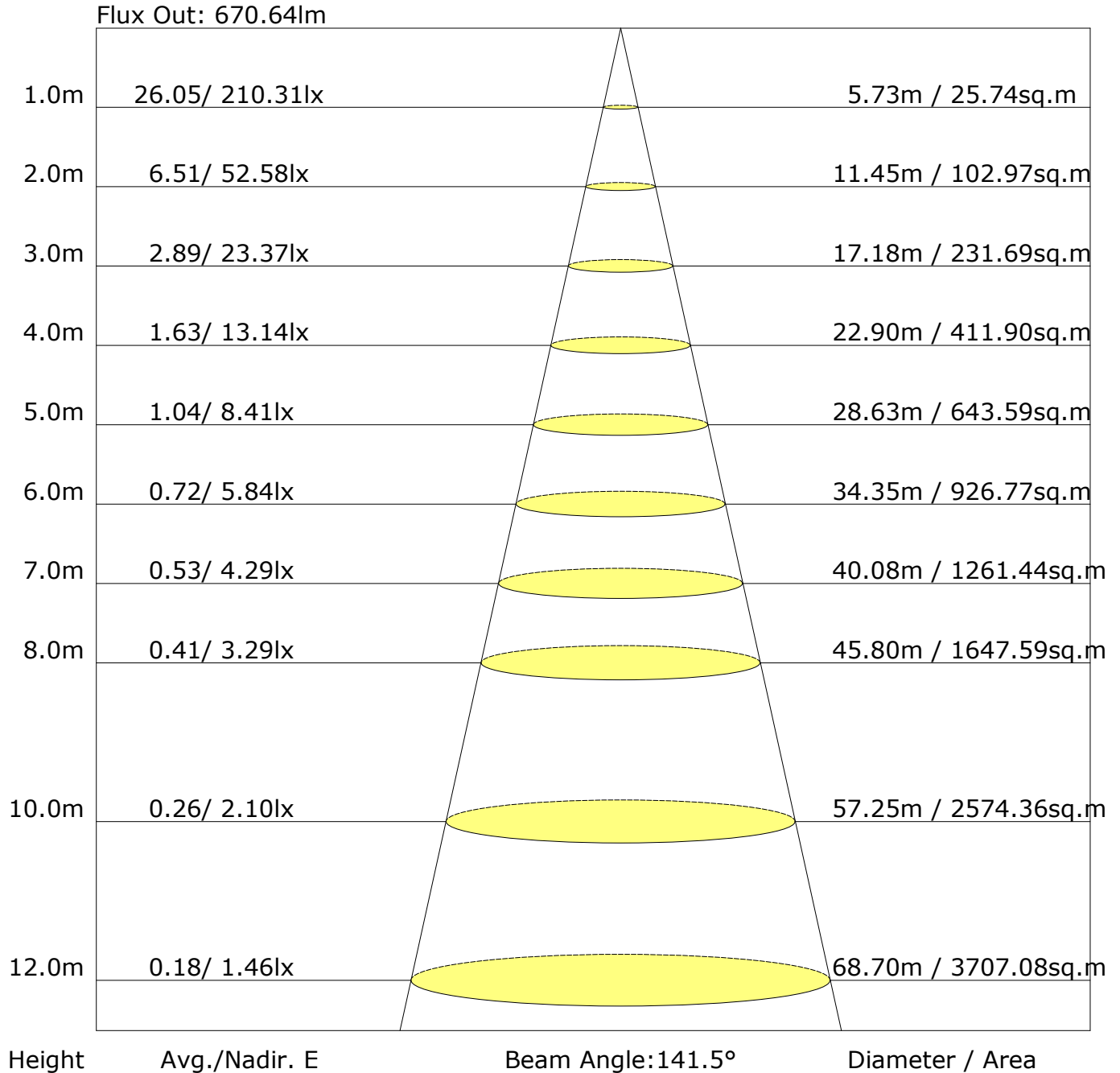
Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 210.3 lx

— (1%): 2.1 lx	— (2%): 4.2 lx
— (5%): 10.5 lx	— (10%): 21.0 lx
— (20%): 42.1 lx	— (50%): 105.2 lx
— (100%): 210.3 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	26.8	28.3	27.1	28.5	28.8	26.7	28.2	27.0	28.5	28.7
3H	29.1	30.5	29.4	30.7	31.0	29.0	30.3	29.3	30.6	30.9
4H	30.1	31.4	30.5	31.7	32.0	30.1	31.4	30.4	31.7	32.0
6H	30.8	32.0	31.2	32.4	32.7	31.0	32.2	31.4	32.5	32.9
8H	30.9	32.1	31.3	32.4	32.8	31.3	32.4	31.7	32.8	33.1
12H	30.9	32.1	31.3	32.4	32.8	31.4	32.5	31.8	32.9	33.2
X=4H Y=2H	27.7	29.0	28.0	29.3	29.6	27.6	28.9	28.0	29.2	29.5
3H	30.2	31.3	30.6	31.6	32.0	30.1	31.2	30.5	31.6	31.9
4H	31.3	32.4	31.8	32.7	33.1	31.3	32.3	31.7	32.7	33.1
6H	32.2	33.1	32.6	33.5	33.9	32.3	33.2	32.8	33.6	34.1
8H	32.3	33.1	32.8	33.6	34.0	32.7	33.5	33.1	33.9	34.4
12H	32.3	33.1	32.8	33.5	34.0	32.8	33.6	33.3	34.0	34.5
X=8H Y=4H	31.8	32.6	32.3	33.1	33.5	31.8	32.6	32.2	33.0	33.5
6H	32.8	33.5	33.3	33.9	34.4	33.0	33.7	33.5	34.1	34.6
8H	33.0	33.6	33.5	34.1	34.6	33.4	34.0	33.9	34.5	35.0
12H	33.0	33.6	33.6	34.1	34.6	33.6	34.1	34.1	34.6	35.1
X=12H Y=4H	31.9	32.6	32.3	33.1	33.5	31.8	32.6	32.3	33.0	33.5
6H	32.9	33.5	33.4	33.9	34.5	33.1	33.7	33.6	34.1	34.6
8H	33.1	33.6	33.6	34.1	34.7	33.5	34.0	34.0	34.5	35.0
Variations with the observer position at spacings:										
S=1.0H	+0.1/-0.1					+0.2/-0.2				
S=1.5H	+0.3/-0.3					+0.3/-0.4				
S=2.0H	+0.3/-0.5					+0.4/-0.6				

Calculate in accordance with CIE Pub.117. The table is revised with 779lm ($8\log(F/F_0) = -0.9$).

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	381	48.9
	FL (0°-30°)	84	10.8
	FM (30°-60°)	187	24.0
	FH (60°-80°)	101	13.0
	FVH (80°-90°)	9	1.1
	BACK LIGHT	392	50.3
	BL (0°-30°)	84	10.8
	BM (30°-60°)	189	24.2
	BH (60°-80°)	106	13.6
	BVH (80°-90°)	13	1.6
	UP LIGHT	6	0.8
	UL (90°-100°)	0	0.1
	UH (100°-180°)	6	0.7
	TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U1 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 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	209.8	0.2	0.2	0.03	0.03
1.0-2.0	209.8	0.6	0.8	0.08	0.10
2.0-3.0	209.7	1.0	1.8	0.13	0.23
3.0-4.0	209.6	1.4	3.2	0.18	0.41
4.0-5.0	209.4	1.8	5.0	0.23	0.64
5.0-6.0	209.1	2.2	7.2	0.28	0.93
6.0-7.0	208.8	2.6	9.8	0.33	1.26
7.0-8.0	208.5	3.0	12.8	0.38	1.64
8.0-9.0	208.2	3.4	16.2	0.43	2.08
9.0-10.0	207.8	3.8	19.9	0.48	2.56
10.0-11.0	207.3	4.1	24.1	0.53	3.09
11.0-12.0	206.8	4.5	28.6	0.58	3.67
12.0-13.0	206.3	4.9	33.5	0.63	4.30
13.0-14.0	205.7	5.3	38.7	0.68	4.98
14.0-15.0	205.1	5.6	44.4	0.72	5.70
15.0-16.0	204.4	6.0	50.4	0.77	6.47
16.0-17.0	203.7	6.3	56.7	0.81	7.28
17.0-18.0	203.0	6.7	63.4	0.86	8.14
18.0-19.0	202.2	7.0	70.4	0.90	9.05
19.0-20.0	201.3	7.4	77.8	0.95	9.99
20.0-21.0	200.5	7.7	85.5	0.99	10.98
21.0-22.0	199.5	8.0	93.5	1.03	12.01
22.0-23.0	198.6	8.3	101.9	1.07	13.08
23.0-24.0	197.6	8.6	110.5	1.11	14.19
24.0-25.0	196.6	8.9	119.4	1.15	15.34
25.0-26.0	195.6	9.2	128.7	1.19	16.52
26.0-27.0	194.5	9.5	138.2	1.22	17.75
27.0-28.0	193.4	9.8	148.0	1.26	19.00
28.0-29.0	192.2	10.1	158.0	1.29	20.29
29.0-30.0	191.0	10.3	168.4	1.32	21.62
30.0-31.0	189.8	10.6	178.9	1.36	22.98
31.0-32.0	188.5	10.8	189.7	1.39	24.36
32.0-33.0	187.2	11.0	200.8	1.42	25.78
33.0-34.0	185.9	11.3	212.0	1.44	27.22
34.0-35.0	184.5	11.5	223.5	1.47	28.70
35.0-36.0	183.0	11.7	235.1	1.50	30.19

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	181.5	11.8	247.0	1.52	31.71
37.0-38.0	180.0	12.0	259.0	1.54	33.26
38.0-39.0	178.5	12.2	271.2	1.56	34.82
39.0-40.0	176.9	12.3	283.5	1.58	36.41
40.0-41.0	175.3	12.5	296.0	1.60	38.01
41.0-42.0	173.7	12.6	308.6	1.62	39.63
42.0-43.0	172.0	12.7	321.4	1.64	41.27
43.0-44.0	170.2	12.9	334.2	1.65	42.92
44.0-45.0	168.5	12.9	347.2	1.66	44.58
45.0-46.0	166.6	13.0	360.2	1.67	46.25
46.0-47.0	164.8	13.1	373.3	1.68	47.94
47.0-48.0	162.8	13.2	386.5	1.69	49.63
48.0-49.0	160.8	13.2	399.7	1.70	51.32
49.0-50.0	158.8	13.2	412.9	1.70	53.02
50.0-51.0	156.7	13.3	426.2	1.70	54.72
51.0-52.0	154.5	13.3	439.4	1.70	56.43
52.0-53.0	152.3	13.2	452.7	1.70	58.13
53.0-54.0	150.0	13.2	465.9	1.70	59.83
54.0-55.0	147.7	13.2	479.1	1.69	61.52
55.0-56.0	145.3	13.1	492.2	1.69	63.20
56.0-57.0	142.8	13.1	505.3	1.68	64.88
57.0-58.0	140.4	13.0	518.2	1.67	66.55
58.0-59.0	137.8	12.9	531.1	1.65	68.20
59.0-60.0	135.2	12.8	543.9	1.64	69.84
60.0-61.0	132.6	12.7	556.6	1.63	71.47
61.0-62.0	129.9	12.5	569.1	1.61	73.08
62.0-63.0	127.2	12.4	581.5	1.59	74.67
63.0-64.0	124.4	12.2	593.7	1.57	76.23
64.0-65.0	121.5	12.0	605.7	1.54	77.78
65.0-66.0	118.7	11.8	617.5	1.52	79.30
66.0-67.0	115.7	11.6	629.2	1.49	80.79
67.0-68.0	112.7	11.4	640.6	1.47	82.26
68.0-69.0	109.6	11.2	651.8	1.44	83.69
69.0-70.0	106.3	10.9	662.7	1.40	85.10
70.0-71.0	103.0	10.6	673.3	1.37	86.46
71.0-72.0	99.4	10.3	683.7	1.33	87.79

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	95.6	10.0	693.7	1.28	89.07
73.0-74.0	91.7	9.6	703.3	1.24	90.31
74.0-75.0	87.4	9.2	712.6	1.19	91.50
75.0-76.0	82.9	8.8	721.3	1.13	92.63
76.0-77.0	78.0	8.3	729.7	1.07	93.70
77.0-78.0	72.4	7.7	737.4	0.99	94.69
78.0-79.0	66.3	7.1	744.5	0.91	95.60
79.0-80.0	59.5	6.4	751.0	0.82	96.43
80.0-81.0	52.0	5.6	756.6	0.72	97.15
81.0-82.0	44.1	4.8	761.4	0.61	97.77
82.0-83.0	36.3	3.9	765.3	0.51	98.27
83.0-84.0	27.8	3.0	768.3	0.39	98.66
84.0-85.0	18.6	2.0	770.4	0.26	98.92
85.0-86.0	11.0	1.2	771.6	0.15	99.08
86.0-87.0	5.9	0.6	772.2	0.08	99.16
87.0-88.0	2.5	0.3	772.5	0.03	99.19
88.0-89.0	1.0	0.1	772.6	0.01	99.21
89.0-90.0	0.6	0.1	772.7	0.01	99.22
90.0-91.0	0.4	0.0	772.7	0.01	99.22
91.0-92.0	0.4	0.0	772.7	0.01	99.23
92.0-93.0	0.4	0.0	772.8	0.01	99.23
93.0-94.0	0.4	0.0	772.8	0.01	99.24
94.0-95.0	0.4	0.0	772.9	0.01	99.24
95.0-96.0	0.4	0.0	772.9	0.01	99.25
96.0-97.0	0.4	0.0	773.0	0.01	99.25
97.0-98.0	0.4	0.0	773.0	0.01	99.26
98.0-99.0	0.4	0.0	773.0	0.01	99.27
99.0-100.0	0.5	0.1	773.1	0.01	99.27
100.0-101.0	0.5	0.1	773.2	0.01	99.28
101.0-102.0	0.5	0.1	773.2	0.01	99.29
102.0-103.0	0.5	0.1	773.3	0.01	99.29
103.0-104.0	0.5	0.1	773.3	0.01	99.30
104.0-105.0	0.6	0.1	773.4	0.01	99.31
105.0-106.0	0.6	0.1	773.4	0.01	99.32
106.0-107.0	0.6	0.1	773.5	0.01	99.33
107.0-108.0	0.7	0.1	773.6	0.01	99.34

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	0.7	0.1	773.7	0.01	99.34
109.0-110.0	0.7	0.1	773.7	0.01	99.35
110.0-111.0	0.7	0.1	773.8	0.01	99.36
111.0-112.0	0.8	0.1	773.9	0.01	99.37
112.0-113.0	0.8	0.1	774.0	0.01	99.38
113.0-114.0	0.8	0.1	774.0	0.01	99.39
114.0-115.0	0.8	0.1	774.1	0.01	99.40
115.0-116.0	0.9	0.1	774.2	0.01	99.42
116.0-117.0	0.9	0.1	774.3	0.01	99.43
117.0-118.0	0.9	0.1	774.4	0.01	99.44
118.0-119.0	0.9	0.1	774.5	0.01	99.45
119.0-120.0	1.0	0.1	774.6	0.01	99.46
120.0-121.0	1.0	0.1	774.7	0.01	99.47
121.0-122.0	1.0	0.1	774.8	0.01	99.49
122.0-123.0	1.0	0.1	774.9	0.01	99.50
123.0-124.0	1.1	0.1	775.0	0.01	99.51
124.0-125.0	1.1	0.1	775.1	0.01	99.52
125.0-126.0	1.1	0.1	775.1	0.01	99.54
126.0-127.0	1.1	0.1	775.2	0.01	99.55
127.0-128.0	1.1	0.1	775.3	0.01	99.56
128.0-129.0	1.2	0.1	775.4	0.01	99.57
129.0-130.0	1.2	0.1	775.5	0.01	99.59
130.0-131.0	1.2	0.1	775.6	0.01	99.60
131.0-132.0	1.2	0.1	775.7	0.01	99.61
132.0-133.0	1.2	0.1	775.8	0.01	99.63
133.0-134.0	1.3	0.1	775.9	0.01	99.64
134.0-135.0	1.3	0.1	776.0	0.01	99.65
135.0-136.0	1.3	0.1	776.1	0.01	99.66
136.0-137.0	1.3	0.1	776.2	0.01	99.68
137.0-138.0	1.3	0.1	776.3	0.01	99.69
138.0-139.0	1.3	0.1	776.4	0.01	99.70
139.0-140.0	1.3	0.1	776.5	0.01	99.71
140.0-141.0	1.4	0.1	776.6	0.01	99.73
141.0-142.0	1.4	0.1	776.7	0.01	99.74
142.0-143.0	1.4	0.1	776.8	0.01	99.75
143.0-144.0	1.4	0.1	776.9	0.01	99.76

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	1.4	0.1	777.0	0.01	99.77
145.0-146.0	1.4	0.1	777.1	0.01	99.78
146.0-147.0	1.5	0.1	777.2	0.01	99.80
147.0-148.0	1.5	0.1	777.3	0.01	99.81
148.0-149.0	1.5	0.1	777.3	0.01	99.82
149.0-150.0	1.5	0.1	777.4	0.01	99.83
150.0-151.0	1.5	0.1	777.5	0.01	99.84
151.0-152.0	1.5	0.1	777.6	0.01	99.85
152.0-153.0	1.5	0.1	777.7	0.01	99.86
153.0-154.0	1.5	0.1	777.7	0.01	99.87
154.0-155.0	1.6	0.1	777.8	0.01	99.88
155.0-156.0	1.6	0.1	777.9	0.01	99.89
156.0-157.0	1.6	0.1	777.9	0.01	99.90
157.0-158.0	1.6	0.1	778.0	0.01	99.90
158.0-159.0	1.6	0.1	778.1	0.01	99.91
159.0-160.0	1.6	0.1	778.1	0.01	99.92
160.0-161.0	1.6	0.1	778.2	0.01	99.93
161.0-162.0	1.6	0.1	778.3	0.01	99.93
162.0-163.0	1.6	0.1	778.3	0.01	99.94
163.0-164.0	1.6	0.1	778.4	0.01	99.95
164.0-165.0	1.6	0.0	778.4	0.01	99.95
165.0-166.0	1.6	0.0	778.5	0.01	99.96
166.0-167.0	1.6	0.0	778.5	0.01	99.97
167.0-168.0	1.7	0.0	778.5	0.01	99.97
168.0-169.0	1.7	0.0	778.6	0.00	99.98
169.0-170.0	1.7	0.0	778.6	0.00	99.98
170.0-171.0	1.7	0.0	778.6	0.00	99.98
171.0-172.0	1.7	0.0	778.7	0.00	99.99
172.0-173.0	1.7	0.0	778.7	0.00	99.99
173.0-174.0	1.7	0.0	778.7	0.00	99.99
174.0-175.0	1.7	0.0	778.7	0.00	99.99
175.0-176.0	1.7	0.0	778.7	0.00	100.00
176.0-177.0	1.7	0.0	778.7	0.00	100.00
177.0-178.0	1.7	0.0	778.8	0.00	100.00
178.0-179.0	1.7	0.0	778.8	0.00	100.00
179.0-180.0	1.7	0.0	778.8	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°): 347.17 lm

%lum = 44.6%
%lamp = 44.6%

cone flux(120°): 543.91 lm

%lum = 69.8%
%lamp = 69.8%

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	210.3	209.4	210.3	209.4	210.3					
G1.0	210.2	209.5	210.3	209.4	210.2					
G2.0	210.1	209.5	210.3	209.3	210.1					
G3.0	210.0	209.4	210.3	209.0	210.0					
G4.0	209.8	209.4	210.1	208.9	209.8					
G5.0	209.6	209.1	210.0	208.6	209.6					
G6.0	209.2	208.9	209.8	208.2	209.2					
G7.0	208.8	208.6	209.5	207.8	208.8					
G8.0	208.6	208.3	209.1	207.4	208.6					
G9.0	208.1	208.0	208.9	206.9	208.1					
G10.0	207.7	207.6	208.5	206.5	207.7					
G11.0	207.1	207.2	208.1	205.9	207.1					
G12.0	206.6	206.7	207.6	205.3	206.6					
G13.0	206.1	206.2	207.1	204.5	206.1					
G14.0	205.4	205.6	206.5	203.9	205.4					
G15.0	204.8	205.1	206.0	203.2	204.8					
G16.0	204.1	204.5	205.3	202.4	204.1					
G17.0	203.3	203.7	204.6	201.6	203.3					
G18.0	202.6	203.0	204.0	200.9	202.6					
G19.0	201.8	202.2	203.1	199.9	201.8					
G20.0	201.0	201.4	202.4	199.0	201.0					
G21.0	200.2	200.5	201.5	197.9	200.2					
G22.0	199.1	199.6	200.7	196.9	199.1					
G23.0	198.2	198.7	199.9	195.9	198.2					
G24.0	197.3	197.8	198.8	194.7	197.3					
G25.0	196.2	196.7	197.9	193.7	196.2					
G26.0	195.2	195.8	197.0	192.5	195.2					
G27.0	194.1	194.5	195.9	191.3	194.1					
G28.0	192.9	193.5	194.8	190.0	192.9					
G29.0	191.8	192.4	193.6	188.6	191.8					
G30.0	190.6	190.9	192.6	187.4	190.6					
G31.0	189.4	189.9	191.5	186.1	189.4					
G32.0	188.1	188.6	190.2	184.6	188.1					
G33.0	186.8	187.2	189.0	183.3	186.8					
G34.0	185.4	185.9	187.7	181.7	185.4					
G35.0	184.0	184.4	186.4	180.2	184.0					
G36.0	182.6	183.0	185.0	178.6	182.6					

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	181.2	181.5	183.6	177.0	181.2					
G38.0	179.5	180.0	182.2	175.4	179.5					
G39.0	178.1	178.4	180.8	173.7	178.1					
G40.0	176.4	176.9	179.2	172.0	176.4					
G41.0	174.9	175.2	177.7	170.3	174.9					
G42.0	173.4	173.5	176.3	168.6	173.4					
G43.0	171.4	171.7	174.6	166.7	171.4					
G44.0	169.9	169.9	172.9	164.9	169.9					
G45.0	168.1	168.1	171.1	162.9	168.1					
G46.0	166.1	166.1	169.5	161.0	166.1					
G47.0	164.3	164.3	167.8	159.1	164.3					
G48.0	162.1	162.1	165.8	156.9	162.1					
G49.0	160.2	160.1	164.0	154.9	160.2					
G50.0	158.2	158.0	162.1	153.0	158.2					
G51.0	155.9	155.7	159.9	150.7	155.9					
G52.0	153.9	153.5	157.9	148.4	153.9					
G53.0	151.6	151.4	155.6	146.0	151.6					
G54.0	149.1	148.8	153.4	143.8	149.1					
G55.0	146.9	146.5	151.3	141.6	146.9					
G56.0	144.4	144.0	148.8	138.8	144.4					
G57.0	142.0	141.4	146.5	136.5	142.0					
G58.0	139.5	139.1	144.0	133.8	139.5					
G59.0	136.8	136.3	141.6	131.3	136.8					
G60.0	134.2	133.7	139.2	128.7	134.2					
G61.0	131.6	131.1	136.4	126.0	131.6					
G62.0	128.9	128.1	133.9	123.3	128.9					
G63.0	126.0	125.4	131.4	120.8	126.0					
G64.0	123.1	122.3	128.4	117.9	123.1					
G65.0	120.4	119.5	125.8	114.9	120.4					
G66.0	117.5	116.7	122.7	111.9	117.5					
G67.0	114.1	113.4	119.9	109.2	114.1					
G68.0	111.1	110.3	117.1	106.3	111.1					
G69.0	108.0	107.2	113.9	102.9	108.0					
G70.0	104.2	103.4	110.9	100.1	104.2					
G71.0	100.5	100.1	107.8	96.8	100.5					
G72.0	96.0	96.2	104.3	93.5	96.0					
G73.0	91.5	92.2	100.8	90.2	91.5					

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	86.9	88.3	96.9	86.6	86.9					
G75.0	81.2	83.6	92.9	82.9	81.2					
G76.0	75.7	78.9	88.5	79.2	75.7					
G77.0	69.5	73.9	83.3	74.9	69.5					
G78.0	61.4	67.6	78.2	70.3	61.4					
G79.0	53.4	61.4	72.3	65.8	53.4					
G80.0	44.0	54.0	65.3	60.2	44.0					
G81.0	34.4	46.0	57.8	54.3	34.4					
G82.0	25.5	38.4	49.2	47.5	25.5					
G83.0	18.7	29.6	40.8	40.5	18.7					
G84.0	11.5	19.1	30.5	32.2	11.5					
G85.0	4.5	6.2	22.6	22.1	4.5					
G86.0	2.2	2.1	16.4	11.6	2.2					
G87.0	1.1	0.8	9.1	3.6	1.1					
G88.0	0.5	0.4	3.0	1.4	0.5					
G89.0	0.4	0.4	1.7	0.4	0.4					
G90.0	0.3	0.4	0.8	0.3	0.3					
G91.0	0.4	0.4	0.3	0.3	0.4					
G92.0	0.4	0.4	0.3	0.3	0.4					
G93.0	0.4	0.4	0.3	0.3	0.4					
G94.0	0.4	0.4	0.3	0.4	0.4					
G95.0	0.4	0.4	0.3	0.3	0.4					
G96.0	0.4	0.5	0.3	0.4	0.4					
G97.0	0.5	0.5	0.3	0.4	0.5					
G98.0	0.5	0.5	0.3	0.4	0.5					
G99.0	0.5	0.6	0.3	0.4	0.5					
G100.0	0.6	0.6	0.3	0.5	0.6					
G101.0	0.6	0.6	0.4	0.5	0.6					
G102.0	0.6	0.7	0.4	0.5	0.6					
G103.0	0.6	0.6	0.4	0.5	0.6					
G104.0	0.6	0.7	0.4	0.6	0.6					
G105.0	0.7	0.7	0.4	0.6	0.7					
G106.0	0.6	0.7	0.5	0.6	0.6					
G107.0	0.7	0.7	0.5	0.6	0.7					
G108.0	0.7	0.8	0.5	0.6	0.7					
G109.0	0.8	0.8	0.6	0.7	0.8					
G110.0	0.8	0.8	0.6	0.7	0.8					

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 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	0.8	0.8	0.6	0.7	0.8					
G112.0	0.8	0.9	0.6	0.8	0.8					
G113.0	0.8	0.9	0.6	0.8	0.8					
G114.0	0.8	0.9	0.7	0.8	0.8					
G115.0	0.9	0.9	0.7	0.9	0.9					
G116.0	0.9	1.0	0.8	0.9	0.9					
G117.0	0.9	1.0	0.8	0.9	0.9					
G118.0	1.0	1.0	0.8	0.9	1.0					
G119.0	1.0	1.0	0.8	0.9	1.0					
G120.0	1.0	1.1	0.9	1.0	1.0					
G121.0	1.0	1.1	0.9	1.0	1.0					
G122.0	1.0	1.1	0.9	1.1	1.0					
G123.0	1.0	1.1	0.9	1.0	1.0					
G124.0	1.1	1.2	1.0	1.1	1.1					
G125.0	1.1	1.1	1.0	1.1	1.1					
G126.0	1.1	1.2	0.9	1.1	1.1					
G127.0	1.1	1.2	1.1	1.1	1.1					
G128.0	1.2	1.2	1.1	1.2	1.2					
G129.0	1.2	1.3	1.1	1.1	1.2					
G130.0	1.2	1.3	1.1	1.2	1.2					
G131.0	1.3	1.3	1.1	1.2	1.3					
G132.0	1.3	1.3	1.1	1.2	1.3					
G133.0	1.3	1.3	1.1	1.2	1.3					
G134.0	1.3	1.3	1.1	1.3	1.3					
G135.0	1.3	1.4	1.2	1.3	1.3					
G136.0	1.3	1.4	1.2	1.3	1.3					
G137.0	1.4	1.4	1.2	1.3	1.4					
G138.0	1.4	1.4	1.2	1.3	1.4					
G139.0	1.4	1.4	1.2	1.4	1.4					
G140.0	1.4	1.4	1.2	1.4	1.4					
G141.0	1.4	1.4	1.3	1.4	1.4					
G142.0	1.4	1.5	1.3	1.4	1.4					
G143.0	1.4	1.5	1.3	1.4	1.4					
G144.0	1.4	1.5	1.3	1.4	1.4					
G145.0	1.4	1.5	1.4	1.4	1.4					
G146.0	1.4	1.5	1.4	1.5	1.4					
G147.0	1.4	1.6	1.4	1.5	1.4					

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	1.5	1.5	1.4	1.5	1.5					
G149.0	1.4	1.5	1.4	1.5	1.4					
G150.0	1.5	1.6	1.5	1.5	1.5					
G151.0	1.5	1.6	1.5	1.5	1.5					
G152.0	1.5	1.6	1.5	1.5	1.5					
G153.0	1.5	1.6	1.5	1.5	1.5					
G154.0	1.5	1.6	1.4	1.6	1.5					
G155.0	1.6	1.6	1.5	1.6	1.6					
G156.0	1.5	1.6	1.5	1.6	1.5					
G157.0	1.5	1.6	1.5	1.6	1.5					
G158.0	1.6	1.7	1.5	1.6	1.6					
G159.0	1.5	1.7	1.5	1.6	1.5					
G160.0	1.5	1.6	1.5	1.6	1.5					
G161.0	1.6	1.7	1.5	1.6	1.6					
G162.0	1.6	1.7	1.5	1.7	1.6					
G163.0	1.6	1.7	1.6	1.7	1.6					
G164.0	1.6	1.7	1.6	1.7	1.6					
G165.0	1.6	1.6	1.5	1.7	1.6					
G166.0	1.6	1.7	1.6	1.7	1.6					
G167.0	1.6	1.7	1.6	1.7	1.6					
G168.0	1.6	1.7	1.7	1.7	1.6					
G169.0	1.7	1.7	1.6	1.7	1.7					
G170.0	1.6	1.7	1.6	1.8	1.6					
G171.0	1.6	1.7	1.6	1.7	1.6					
G172.0	1.7	1.7	1.6	1.7	1.7					
G173.0	1.6	1.7	1.6	1.7	1.6					
G174.0	1.6	1.7	1.6	1.8	1.6					
G175.0	1.6	1.7	1.6	1.7	1.6					
G176.0	1.6	1.7	1.6	1.7	1.6					
G177.0	1.6	1.7	1.7	1.8	1.6					
G178.0	1.6	1.7	1.6	1.7	1.6					
G179.0	1.6	1.7	1.7	1.7	1.6					
G180.0	1.6	1.7	1.7	1.7	1.6					

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:

LED Average Luminance Report

Avg.L	cd/m ²
L 0-180(65) av	63371.94
L 0-180(75) av	73174.50
L 0-180(85) av	33799.48
L 90-270(65) av	60339.76
L 90-270(75) av	69971.80
L 90-270(85) av	35309.72
L 45(65) av	61855.85
L 45(75) av	71573.15
L 45(85) av	34554.60

Standard: GB/T 29293-2012