

Report No.:

Test Time: 2026-10-09 10:10

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: 0.887

Luminaire Description: 67795WT

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): -76.5

Voltage: 220.6 V

Power: 12.01 W

Photometric Results

CIE Class: Direct

Measurement Flux: 684.6 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H140.6

Vertical Diffuse Angle(50%): V137.4

Luminaire Efficacy Rating (LER): 57.05

Max. Intensity: 185.7 cd

S/MH(C0/C180): 1.36

Total Rated Lamp Lumens: 684.6 lm

Efficiency: 100%

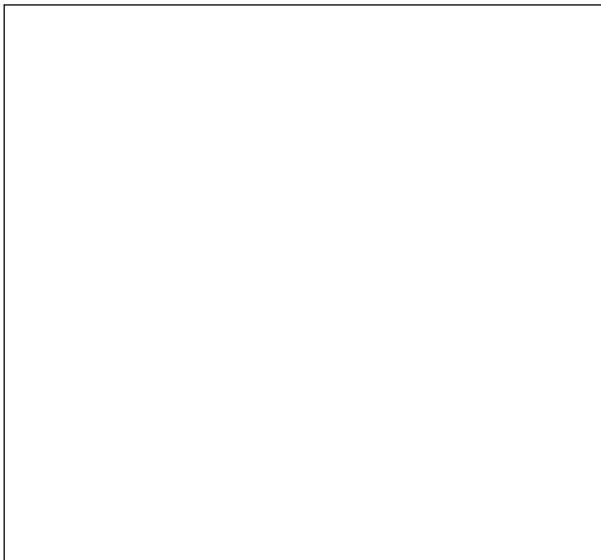
Upward Ratio: 1%

C0r0 Intensity: 185.43 cd

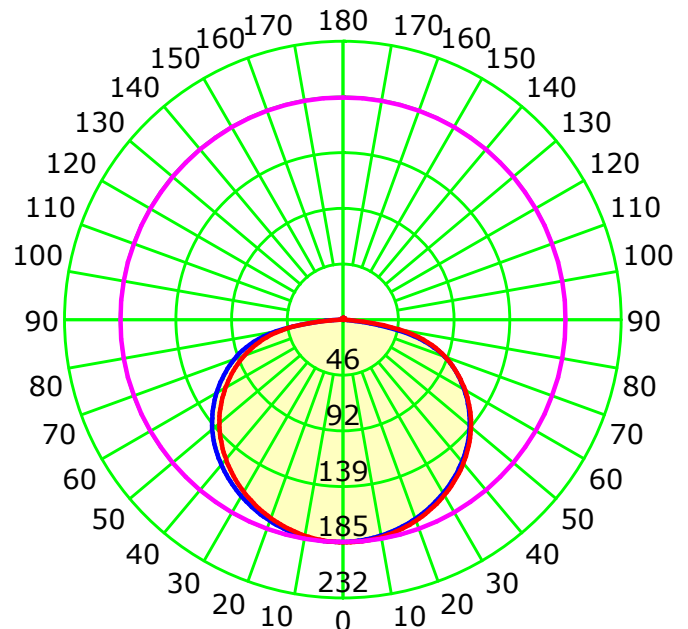
Pos of Max. Intensity: H90 V0

S/MH(C90/C270): 1.35

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 139.0°

— C0-C180 — C90-C270 — G0

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

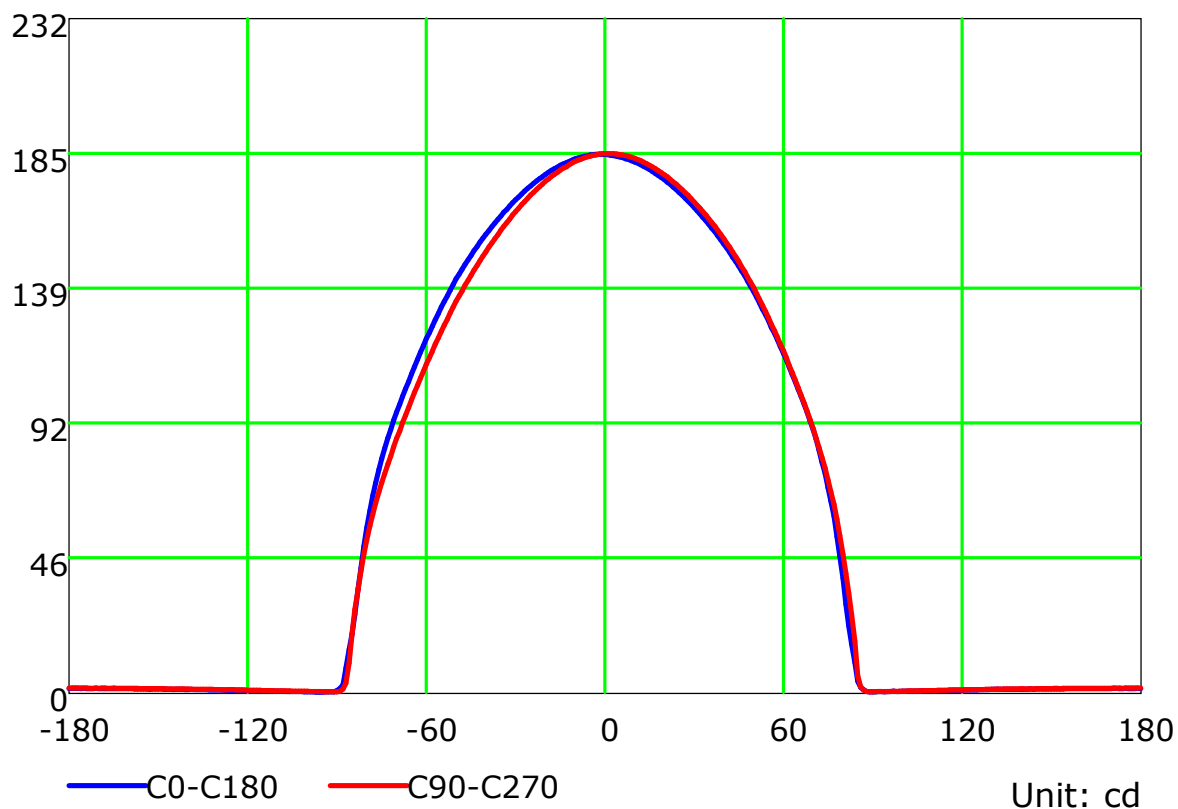
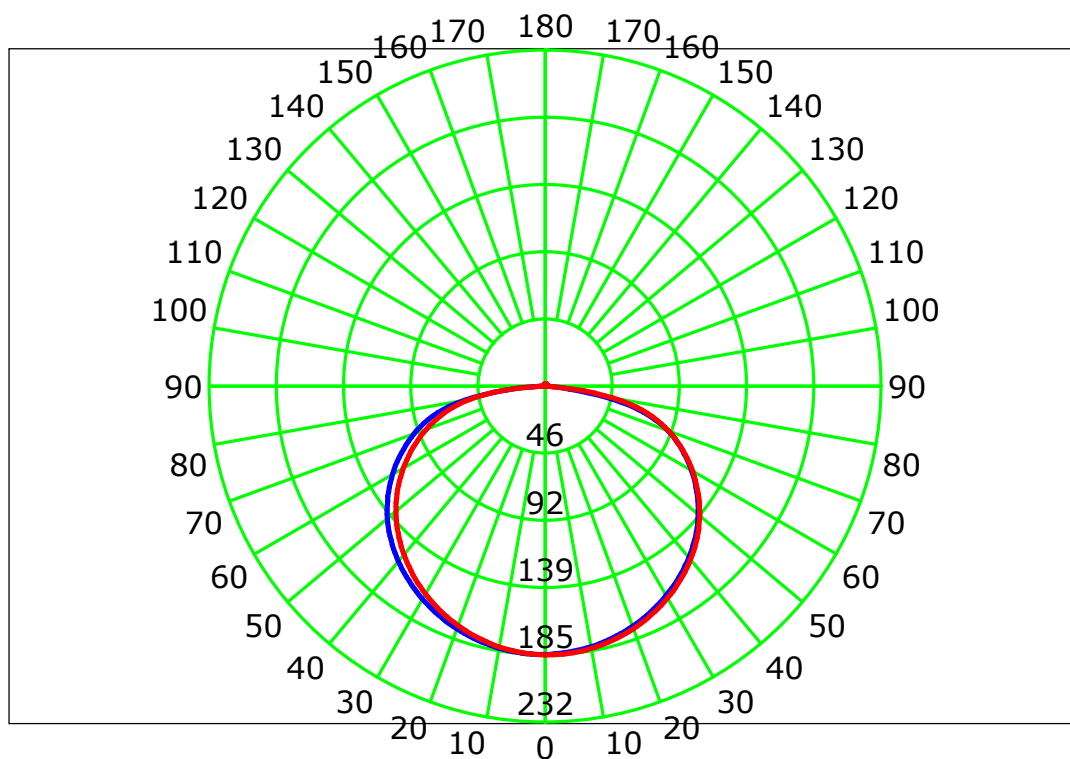
Test Device: GPM-1600L

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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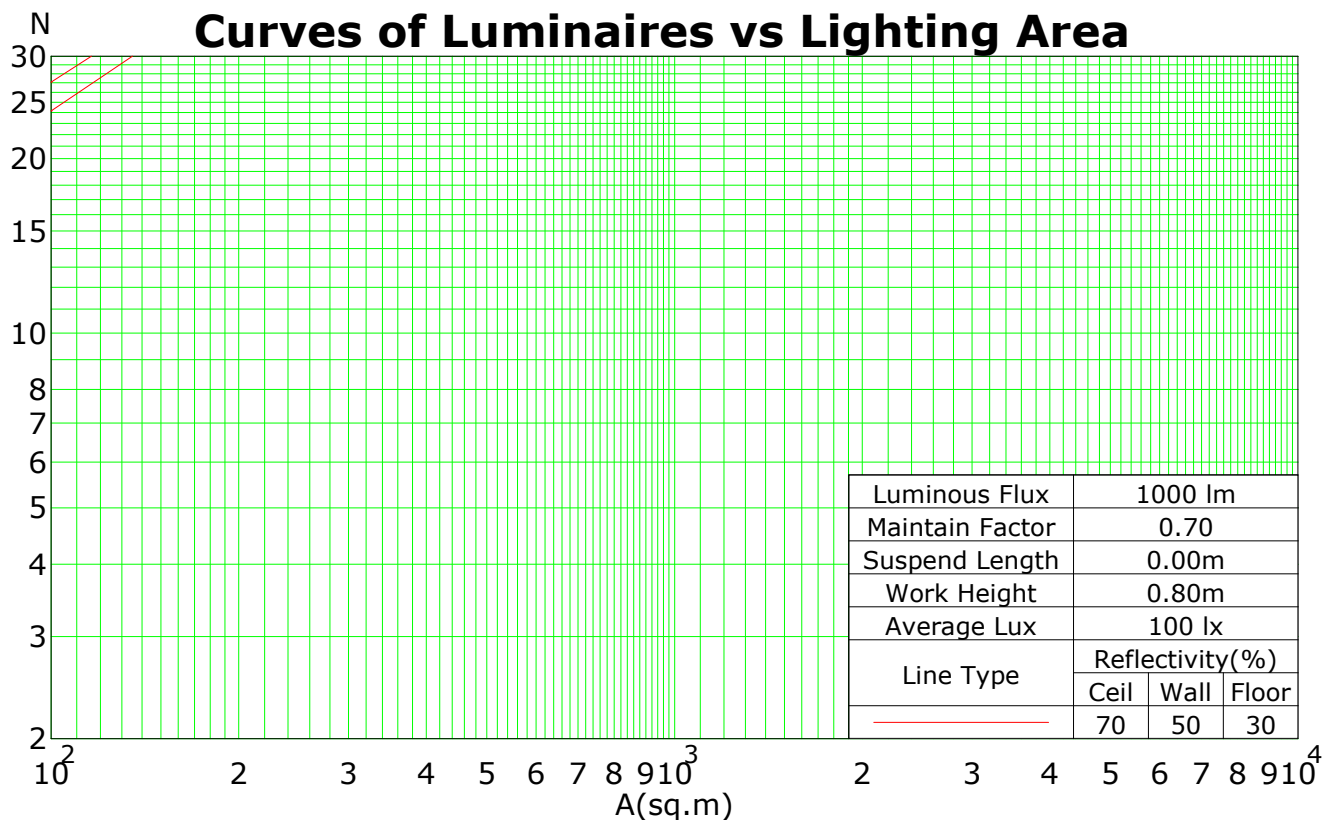
Coefficients Of Utilization - Zonal Cavity Method

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	0.78	0.73	0.68	0.74	0.70	0.67	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	0.65	0.59	0.55	0.53
4	0.79	0.66	0.56	0.49	0.76	0.64	0.55	0.49	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	0.42	0.70	0.57	0.48	0.41	0.55	0.47	0.41	0.53	0.46	0.40	0.51	0.45	0.40	0.37
6	0.66	0.52	0.43	0.36	0.64	0.51	0.42	0.36	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	0.45	0.37	0.31	0.43	0.36	0.30	0.42	0.35	0.30	0.28
8	0.57	0.43	0.34	0.28	0.55	0.42	0.33	0.28	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	0.31	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	0.28	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

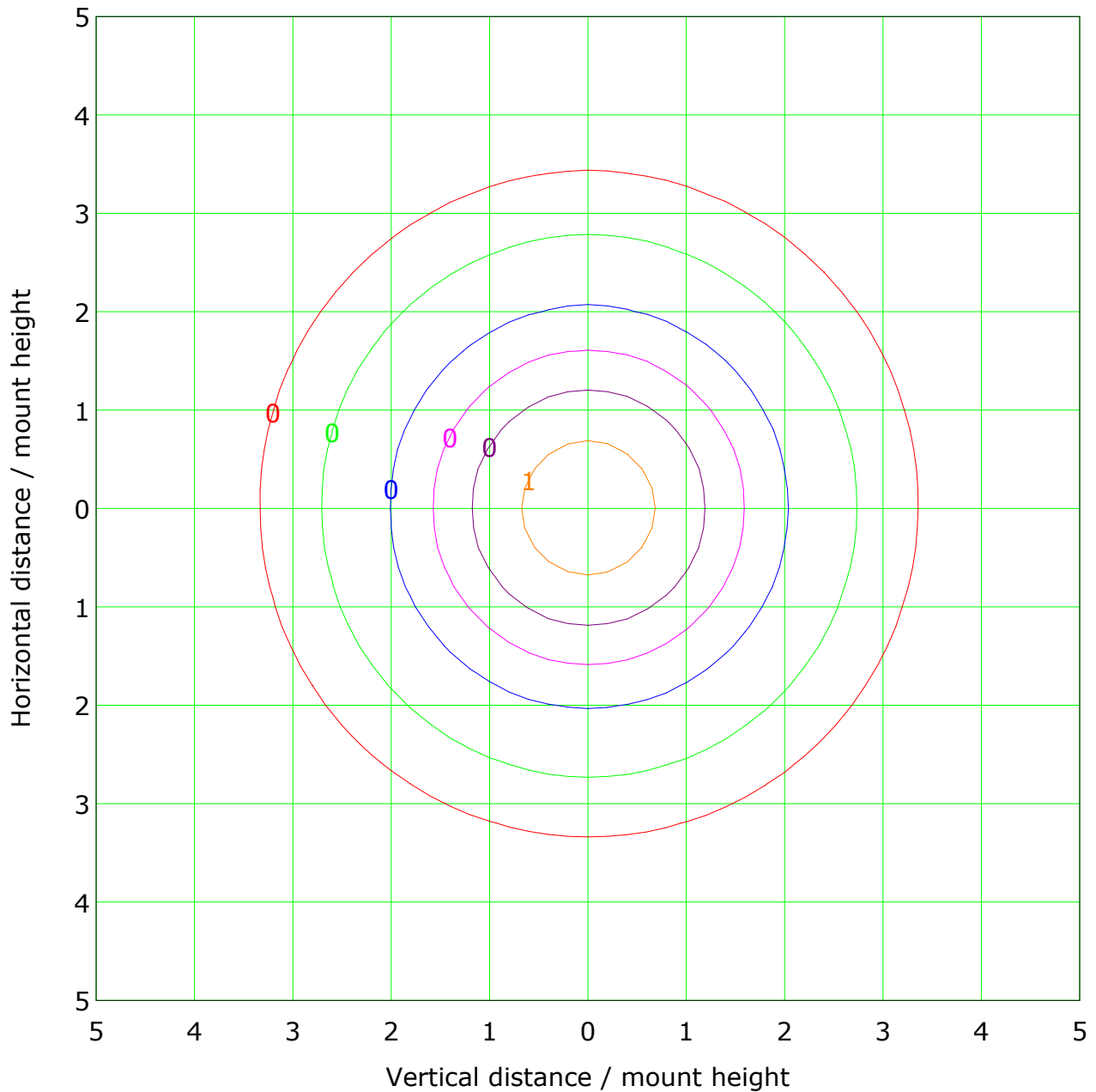
Test Device: GPM-1600L

Distance: 6.490 m [K=1.0000]

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 1.9 lx

(1%): 0.0 lx	(2%): 0.0 lx
(5%): 0.1 lx	(10%): 0.2 lx
(20%): 0.4 lx	(50%): 0.9 lx
(100%): 1.9 lx	

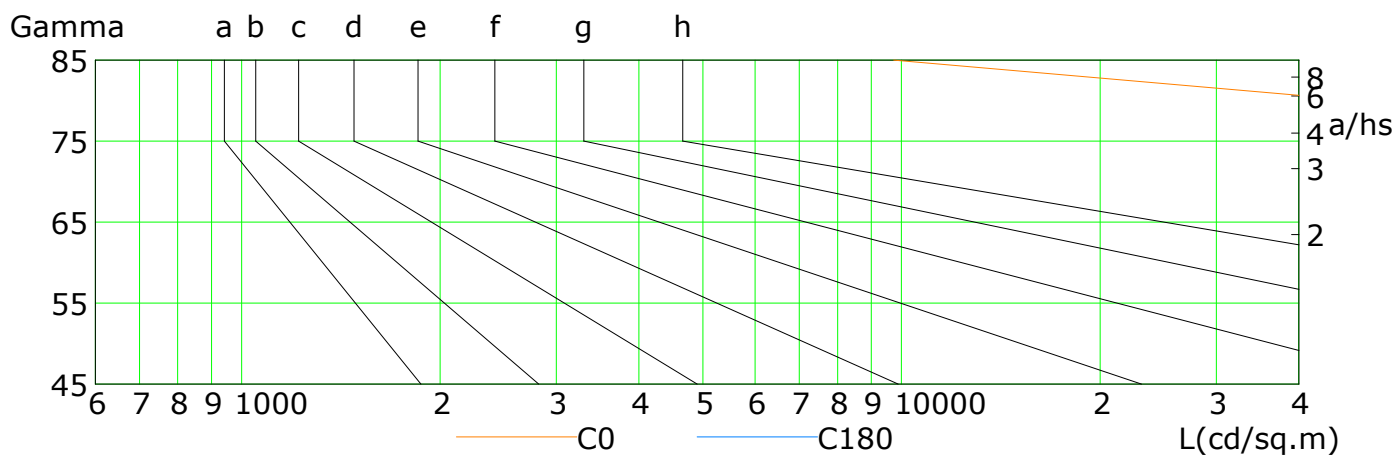
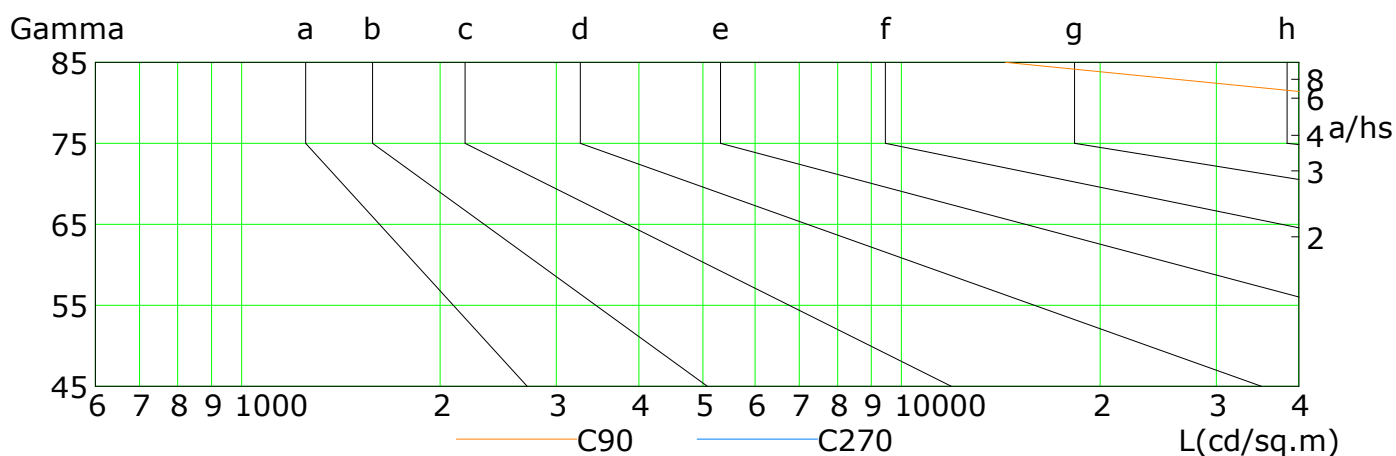
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

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

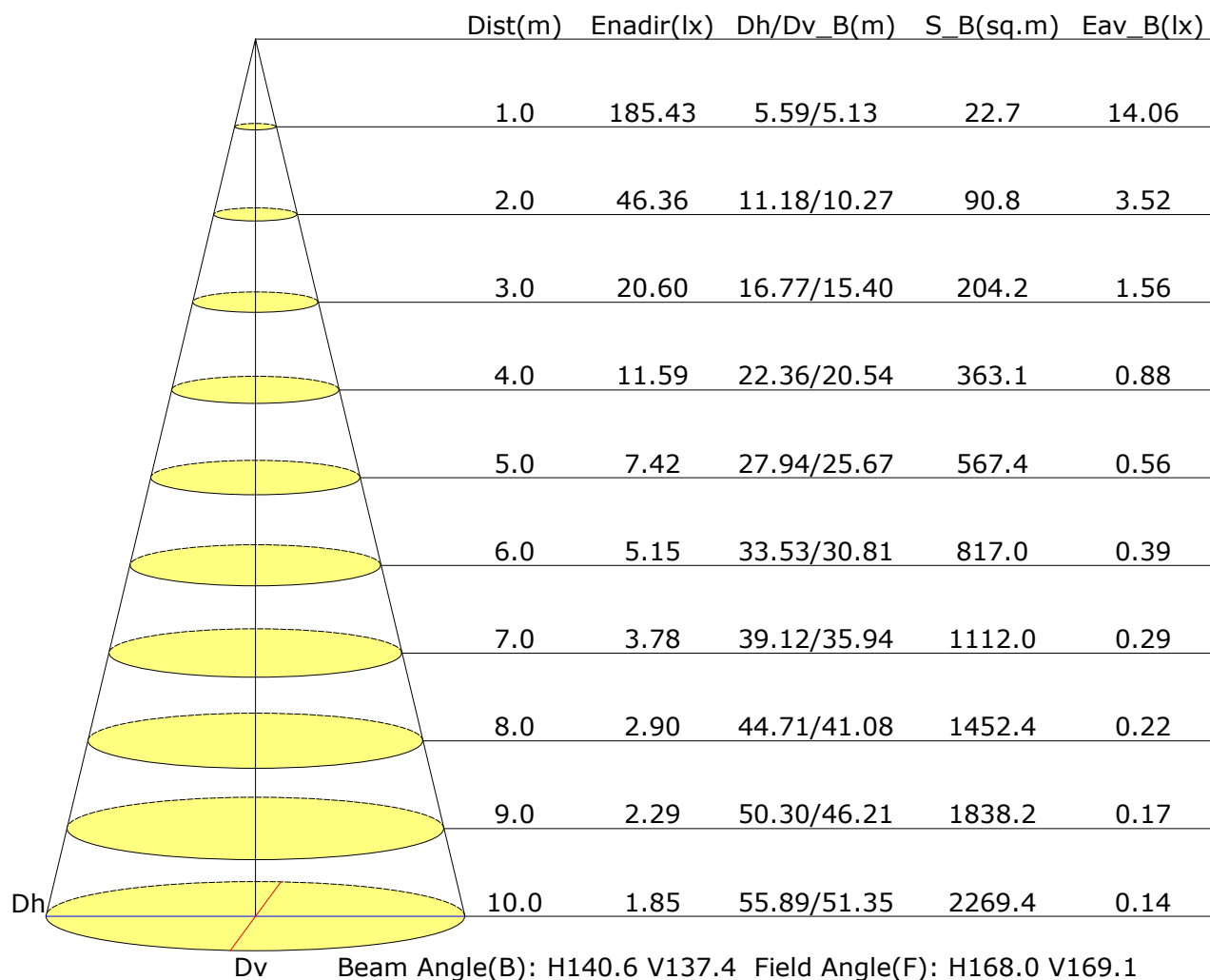


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	45214	46746	48613	50840	53807	57575	59405	49214	9735
C90	45712	47220	48996	51254	54059	57829	61641	59676	14379
C180	46346	48235	50376	53064	56494	61398	67795	71077	50150
C270	44220	45612	47194	49213	51887	55666	60826	65840	50150

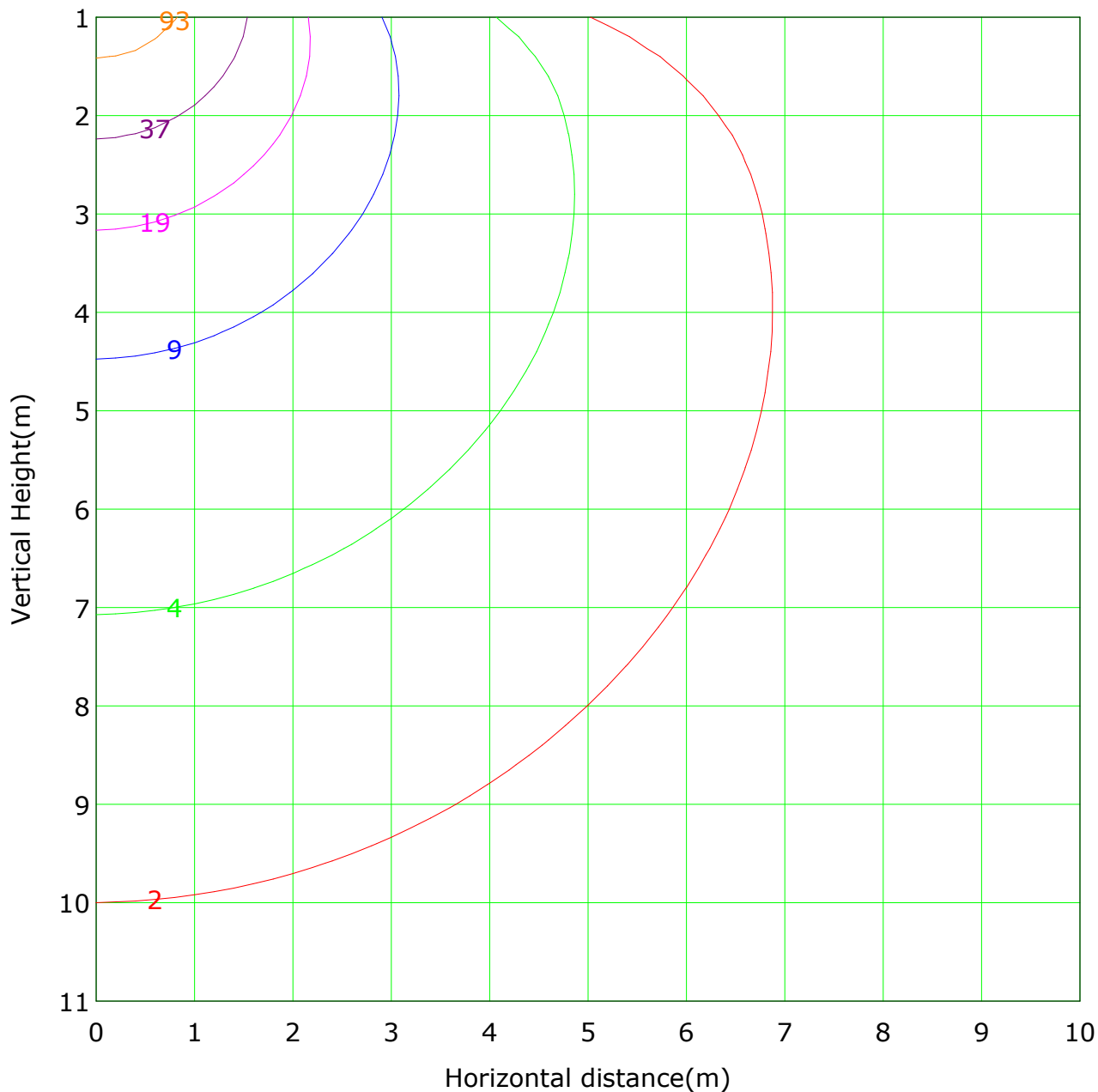
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

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



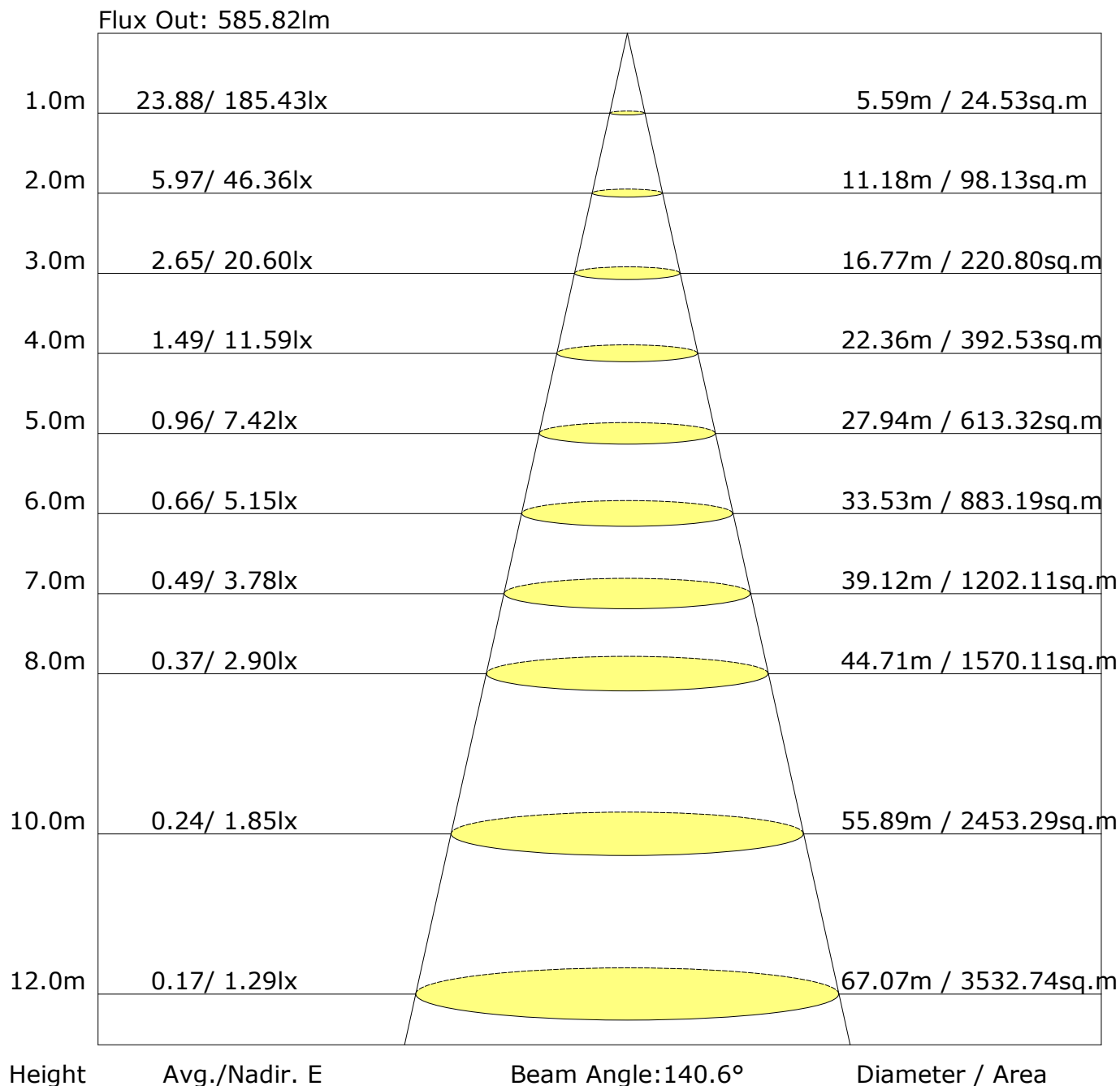
Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 185.4 lx

— (1%): 1.9 lx	— (2%): 3.7 lx
— (5%): 9.3 lx	— (10%): 18.5 lx
— (20%): 37.1 lx	— (50%): 92.7 lx
— (100%): 185.4 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	26.3	27.8	26.6	28.1	28.3	26.3	27.7	26.6	28.0	28.3
3H	28.6	29.9	28.9	30.2	30.5	28.5	29.9	28.9	30.2	30.5
4H	29.6	30.9	30.0	31.2	31.5	29.6	30.9	30.0	31.2	31.5
6H	30.3	31.5	30.7	31.9	32.2	30.5	31.7	30.9	32.0	32.4
8H	30.4	31.6	30.8	32.0	32.3	30.8	32.0	31.2	32.3	32.7
12H	30.4	31.6	30.8	31.9	32.3	30.9	32.1	31.3	32.4	32.8
X=4H Y=2H	27.2	28.5	27.5	28.8	29.1	27.2	28.4	27.5	28.8	29.1
3H	29.7	30.8	30.1	31.1	31.5	29.6	30.7	30.0	31.1	31.5
4H	30.8	31.8	31.3	32.2	32.6	30.8	31.8	31.3	32.2	32.6
6H	31.7	32.6	32.1	33.0	33.4	31.9	32.8	32.3	33.2	33.6
8H	31.8	32.7	32.3	33.1	33.5	32.2	33.0	32.7	33.5	33.9
12H	31.8	32.6	32.3	33.0	33.5	32.4	33.1	32.9	33.6	34.0
X=8H Y=4H	31.3	32.1	31.8	32.6	33.0	31.3	32.1	31.8	32.6	33.0
6H	32.3	33.0	32.8	33.4	33.9	32.5	33.2	33.0	33.6	34.1
8H	32.5	33.1	33.0	33.6	34.1	32.9	33.5	33.4	34.0	34.5
12H	32.6	33.1	33.1	33.6	34.1	33.1	33.7	33.7	34.2	34.7
X=12H Y=4H	31.4	32.1	31.8	32.6	33.0	31.4	32.1	31.8	32.5	33.0
6H	32.4	33.0	32.9	33.5	34.0	32.6	33.2	33.1	33.7	34.2
8H	32.6	33.2	33.1	33.7	34.2	33.0	33.6	33.6	34.1	34.6
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					+0.4/-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 685lm ($8\log(F/F_0) = -1.3$).

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	335	48.9
	FL (0°-30°)	74	10.8
	FM (30°-60°)	164	24.0
	FH (60°-80°)	88	12.9
	FVH (80°-90°)	8	1.2
	BACK LIGHT	345	50.3
	BL (0°-30°)	75	10.9
	BM (30°-60°)	166	24.3
	BH (60°-80°)	92	13.5
	BVH (80°-90°)	11	1.7
	UP LIGHT	5	0.8
	UL (90°-100°)	0	0.1
	UH (100°-180°)	5	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	185.5	0.2	0.2	0.03	0.03
1.0-2.0	185.5	0.5	0.7	0.08	0.10
2.0-3.0	185.4	0.9	1.6	0.13	0.23
3.0-4.0	185.2	1.2	2.8	0.18	0.41
4.0-5.0	185.1	1.6	4.4	0.23	0.65
5.0-6.0	184.9	1.9	6.4	0.28	0.93
6.0-7.0	184.6	2.3	8.7	0.33	1.27
7.0-8.0	184.3	2.6	11.3	0.39	1.65
8.0-9.0	184.0	3.0	14.3	0.44	2.09
9.0-10.0	183.6	3.3	17.6	0.49	2.57
10.0-11.0	183.2	3.7	21.3	0.53	3.11
11.0-12.0	182.8	4.0	25.3	0.58	3.69
12.0-13.0	182.2	4.3	29.6	0.63	4.32
13.0-14.0	181.7	4.7	34.2	0.68	5.00
14.0-15.0	181.2	5.0	39.2	0.73	5.73
15.0-16.0	180.6	5.3	44.5	0.77	6.50
16.0-17.0	179.9	5.6	50.1	0.82	7.32
17.0-18.0	179.3	5.9	56.0	0.86	8.18
18.0-19.0	178.5	6.2	62.2	0.91	9.09
19.0-20.0	177.8	6.5	68.7	0.95	10.04
20.0-21.0	177.0	6.8	75.5	0.99	11.03
21.0-22.0	176.2	7.1	82.6	1.03	12.07
22.0-23.0	175.4	7.4	90.0	1.08	13.14
23.0-24.0	174.5	7.6	97.6	1.11	14.26
24.0-25.0	173.6	7.9	105.5	1.15	15.41
25.0-26.0	172.6	8.2	113.7	1.19	16.60
26.0-27.0	171.6	8.4	122.1	1.23	17.83
27.0-28.0	170.6	8.6	130.7	1.26	19.09
28.0-29.0	169.6	8.9	139.6	1.30	20.39
29.0-30.0	168.5	9.1	148.7	1.33	21.72
30.0-31.0	167.4	9.3	158.0	1.36	23.08
31.0-32.0	166.2	9.5	167.5	1.39	24.47
32.0-33.0	165.1	9.7	177.2	1.42	25.89
33.0-34.0	163.9	9.9	187.1	1.45	27.34
34.0-35.0	162.6	10.1	197.2	1.48	28.81
35.0-36.0	161.3	10.3	207.5	1.50	30.31

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	160.0	10.4	218.0	1.52	31.84
37.0-38.0	158.7	10.6	228.6	1.55	33.39
38.0-39.0	157.3	10.7	239.3	1.57	34.95
39.0-40.0	155.9	10.9	250.2	1.59	36.54
40.0-41.0	154.4	11.0	261.2	1.61	38.15
41.0-42.0	153.0	11.1	272.3	1.62	39.77
42.0-43.0	151.5	11.2	283.5	1.64	41.41
43.0-44.0	149.9	11.3	294.8	1.65	43.06
44.0-45.0	148.3	11.4	306.2	1.66	44.73
45.0-46.0	146.6	11.5	317.7	1.68	46.40
46.0-47.0	145.0	11.5	329.2	1.68	48.09
47.0-48.0	143.2	11.6	340.8	1.69	49.78
48.0-49.0	141.4	11.6	352.4	1.70	51.48
49.0-50.0	139.6	11.6	364.0	1.70	53.18
50.0-51.0	137.7	11.7	375.7	1.70	54.88
51.0-52.0	135.8	11.7	387.3	1.70	56.58
52.0-53.0	133.8	11.6	399.0	1.70	58.28
53.0-54.0	131.7	11.6	410.6	1.70	59.98
54.0-55.0	129.7	11.6	422.2	1.69	61.67
55.0-56.0	127.5	11.5	433.7	1.68	63.35
56.0-57.0	125.3	11.5	445.2	1.67	65.02
57.0-58.0	123.1	11.4	456.5	1.66	66.69
58.0-59.0	120.8	11.3	467.8	1.65	68.34
59.0-60.0	118.5	11.2	479.0	1.64	69.97
60.0-61.0	116.2	11.1	490.1	1.62	71.59
61.0-62.0	113.8	11.0	501.1	1.60	73.20
62.0-63.0	111.4	10.8	511.9	1.58	74.78
63.0-64.0	108.9	10.7	522.6	1.56	76.34
64.0-65.0	106.3	10.5	533.1	1.54	77.88
65.0-66.0	103.7	10.4	543.5	1.51	79.39
66.0-67.0	101.1	10.2	553.6	1.48	80.87
67.0-68.0	98.4	10.0	563.6	1.46	82.33
68.0-69.0	95.7	9.8	573.4	1.43	83.76
69.0-70.0	92.8	9.5	582.9	1.39	85.15
70.0-71.0	89.8	9.3	592.2	1.36	86.50
71.0-72.0	86.7	9.0	601.2	1.32	87.82

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	83.4	8.7	609.9	1.27	89.09
73.0-74.0	79.9	8.4	618.3	1.23	90.32
74.0-75.0	76.2	8.1	626.4	1.18	91.50
75.0-76.0	72.3	7.7	634.1	1.12	92.62
76.0-77.0	68.0	7.3	641.3	1.06	93.68
77.0-78.0	63.2	6.8	648.1	0.99	94.67
78.0-79.0	58.0	6.2	654.3	0.91	95.58
79.0-80.0	52.2	5.6	659.9	0.82	96.40
80.0-81.0	45.7	4.9	664.9	0.72	97.12
81.0-82.0	38.9	4.2	669.1	0.62	97.74
82.0-83.0	32.1	3.5	672.6	0.51	98.25
83.0-84.0	24.8	2.7	675.3	0.39	98.64
84.0-85.0	16.7	1.8	677.1	0.27	98.91
85.0-86.0	9.9	1.1	678.2	0.16	99.07
86.0-87.0	5.3	0.6	678.8	0.08	99.15
87.0-88.0	2.3	0.3	679.0	0.04	99.19
88.0-89.0	0.9	0.1	679.1	0.01	99.20
89.0-90.0	0.5	0.1	679.2	0.01	99.21
90.0-91.0	0.4	0.0	679.2	0.01	99.22
91.0-92.0	0.3	0.0	679.3	0.01	99.22
92.0-93.0	0.3	0.0	679.3	0.01	99.23
93.0-94.0	0.3	0.0	679.3	0.01	99.23
94.0-95.0	0.3	0.0	679.4	0.01	99.24
95.0-96.0	0.3	0.0	679.4	0.01	99.24
96.0-97.0	0.4	0.0	679.5	0.01	99.25
97.0-98.0	0.4	0.0	679.5	0.01	99.26
98.0-99.0	0.4	0.0	679.5	0.01	99.26
99.0-100.0	0.4	0.0	679.6	0.01	99.27
100.0-101.0	0.4	0.0	679.6	0.01	99.27
101.0-102.0	0.5	0.0	679.7	0.01	99.28
102.0-103.0	0.5	0.1	679.7	0.01	99.29
103.0-104.0	0.5	0.1	679.8	0.01	99.30
104.0-105.0	0.5	0.1	679.8	0.01	99.31
105.0-106.0	0.5	0.1	679.9	0.01	99.31
106.0-107.0	0.6	0.1	680.0	0.01	99.32
107.0-108.0	0.6	0.1	680.0	0.01	99.33

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	0.6	0.1	680.1	0.01	99.34
109.0-110.0	0.6	0.1	680.1	0.01	99.35
110.0-111.0	0.6	0.1	680.2	0.01	99.36
111.0-112.0	0.7	0.1	680.3	0.01	99.37
112.0-113.0	0.7	0.1	680.3	0.01	99.38
113.0-114.0	0.7	0.1	680.4	0.01	99.39
114.0-115.0	0.7	0.1	680.5	0.01	99.40
115.0-116.0	0.8	0.1	680.6	0.01	99.41
116.0-117.0	0.8	0.1	680.6	0.01	99.42
117.0-118.0	0.8	0.1	680.7	0.01	99.43
118.0-119.0	0.8	0.1	680.8	0.01	99.45
119.0-120.0	0.9	0.1	680.9	0.01	99.46
120.0-121.0	0.9	0.1	681.0	0.01	99.47
121.0-122.0	0.9	0.1	681.0	0.01	99.48
122.0-123.0	0.9	0.1	681.1	0.01	99.49
123.0-124.0	0.9	0.1	681.2	0.01	99.51
124.0-125.0	1.0	0.1	681.3	0.01	99.52
125.0-126.0	1.0	0.1	681.4	0.01	99.53
126.0-127.0	1.0	0.1	681.5	0.01	99.54
127.0-128.0	1.0	0.1	681.6	0.01	99.56
128.0-129.0	1.0	0.1	681.6	0.01	99.57
129.0-130.0	1.0	0.1	681.7	0.01	99.58
130.0-131.0	1.1	0.1	681.8	0.01	99.60
131.0-132.0	1.1	0.1	681.9	0.01	99.61
132.0-133.0	1.1	0.1	682.0	0.01	99.62
133.0-134.0	1.1	0.1	682.1	0.01	99.64
134.0-135.0	1.1	0.1	682.2	0.01	99.65
135.0-136.0	1.1	0.1	682.3	0.01	99.66
136.0-137.0	1.2	0.1	682.4	0.01	99.67
137.0-138.0	1.2	0.1	682.4	0.01	99.69
138.0-139.0	1.2	0.1	682.5	0.01	99.70
139.0-140.0	1.2	0.1	682.6	0.01	99.71
140.0-141.0	1.2	0.1	682.7	0.01	99.72
141.0-142.0	1.2	0.1	682.8	0.01	99.74
142.0-143.0	1.2	0.1	682.9	0.01	99.75
143.0-144.0	1.2	0.1	682.9	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	1.2	0.1	683.0	0.01	99.77
145.0-146.0	1.3	0.1	683.1	0.01	99.78
146.0-147.0	1.3	0.1	683.2	0.01	99.79
147.0-148.0	1.3	0.1	683.3	0.01	99.81
148.0-149.0	1.3	0.1	683.3	0.01	99.82
149.0-150.0	1.3	0.1	683.4	0.01	99.83
150.0-151.0	1.3	0.1	683.5	0.01	99.84
151.0-152.0	1.3	0.1	683.5	0.01	99.85
152.0-153.0	1.3	0.1	683.6	0.01	99.86
153.0-154.0	1.3	0.1	683.7	0.01	99.87
154.0-155.0	1.4	0.1	683.7	0.01	99.88
155.0-156.0	1.4	0.1	683.8	0.01	99.89
156.0-157.0	1.4	0.1	683.9	0.01	99.89
157.0-158.0	1.4	0.1	683.9	0.01	99.90
158.0-159.0	1.4	0.1	684.0	0.01	99.91
159.0-160.0	1.4	0.1	684.0	0.01	99.92
160.0-161.0	1.4	0.1	684.1	0.01	99.93
161.0-162.0	1.4	0.0	684.1	0.01	99.93
162.0-163.0	1.4	0.0	684.2	0.01	99.94
163.0-164.0	1.4	0.0	684.2	0.01	99.95
164.0-165.0	1.4	0.0	684.3	0.01	99.95
165.0-166.0	1.5	0.0	684.3	0.01	99.96
166.0-167.0	1.5	0.0	684.4	0.01	99.97
167.0-168.0	1.5	0.0	684.4	0.01	99.97
168.0-169.0	1.5	0.0	684.4	0.00	99.97
169.0-170.0	1.5	0.0	684.4	0.00	99.98
170.0-171.0	1.5	0.0	684.5	0.00	99.98
171.0-172.0	1.5	0.0	684.5	0.00	99.99
172.0-173.0	1.5	0.0	684.5	0.00	99.99
173.0-174.0	1.5	0.0	684.5	0.00	99.99
174.0-175.0	1.5	0.0	684.6	0.00	99.99
175.0-176.0	1.5	0.0	684.6	0.00	100.00
176.0-177.0	1.5	0.0	684.6	0.00	100.00
177.0-178.0	1.5	0.0	684.6	0.00	100.00
178.0-179.0	1.5	0.0	684.6	0.00	100.00
179.0-180.0	1.5	0.0	684.6	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°): 306.20 lm

%lum = 44.7%

%lamp = 44.7%

cone flux(120°): 479.04 lm

%lum = 70.0%

%lamp = 70.0%

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	185.4	185.7	185.4	185.7	185.4					
G1.0	185.3	185.7	185.4	185.6	185.3					
G2.0	185.1	185.7	185.4	185.5	185.1					
G3.0	185.0	185.6	185.4	185.2	185.0					
G4.0	184.8	185.5	185.3	185.1	184.8					
G5.0	184.6	185.4	185.2	184.8	184.6					
G6.0	184.3	185.2	184.9	184.6	184.3					
G7.0	183.9	184.9	184.8	184.2	183.9					
G8.0	183.7	184.7	184.4	183.8	183.7					
G9.0	183.3	184.4	184.2	183.4	183.3					
G10.0	182.8	184.1	183.9	183.0	182.8					
G11.0	182.4	183.7	183.5	182.5	182.4					
G12.0	181.9	183.3	183.0	181.9	181.9					
G13.0	181.4	182.8	182.5	181.2	181.4					
G14.0	180.8	182.2	182.1	180.7	180.8					
G15.0	180.2	181.7	181.6	180.0	180.2					
G16.0	179.6	181.1	181.0	179.3	179.6					
G17.0	178.9	180.5	180.5	178.5	178.9					
G18.0	178.1	179.9	179.9	177.8	178.1					
G19.0	177.4	179.1	179.2	177.0	177.4					
G20.0	176.7	178.4	178.4	176.1	176.7					
G21.0	175.9	177.7	177.8	175.2	175.9					
G22.0	175.1	176.8	177.1	174.3	175.1					
G23.0	174.2	176.0	176.3	173.4	174.2					
G24.0	173.3	175.1	175.4	172.3	173.3					
G25.0	172.4	174.1	174.5	171.4	172.4					
G26.0	171.4	173.3	173.7	170.3	171.4					
G27.0	170.3	172.2	172.7	169.1	170.3					
G28.0	169.3	171.3	171.8	168.1	169.3					
G29.0	168.3	170.2	170.7	166.9	168.3					
G30.0	167.1	169.0	169.8	165.7	167.1					
G31.0	166.0	167.9	168.8	164.5	166.0					
G32.0	164.9	166.9	167.7	163.2	164.9					
G33.0	163.7	165.6	166.5	162.0	163.7					
G34.0	162.5	164.4	165.5	160.6	162.5					
G35.0	161.3	163.1	164.2	159.2	161.3					
G36.0	160.0	161.9	163.1	157.8	160.0					

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 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	158.7	160.6	161.7	156.4	158.7					
G38.0	157.3	159.2	160.5	154.9	157.3					
G39.0	156.0	157.8	159.2	153.5	156.0					
G40.0	154.4	156.3	157.9	151.8	154.4					
G41.0	153.1	154.8	156.5	150.4	153.1					
G42.0	151.7	153.4	155.2	148.8	151.7					
G43.0	150.0	151.8	153.7	147.1	150.0					
G44.0	148.5	150.1	152.3	145.5	148.5					
G45.0	146.9	148.6	150.6	143.7	146.9					
G46.0	145.3	146.7	149.2	142.1	145.3					
G47.0	143.6	145.1	147.5	140.3	143.6					
G48.0	141.7	143.1	145.9	138.4	141.7					
G49.0	139.9	141.4	144.2	136.6	139.9					
G50.0	138.1	139.5	142.5	134.8	138.1					
G51.0	136.3	137.4	140.5	132.8	136.3					
G52.0	134.3	135.5	138.7	130.8	134.3					
G53.0	132.2	133.5	136.6	128.6	132.2					
G54.0	130.2	131.3	134.7	126.5	130.2					
G55.0	128.2	129.2	132.8	124.4	128.2					
G56.0	125.8	126.9	130.6	122.2	125.8					
G57.0	123.8	124.7	128.4	120.0	123.8					
G58.0	121.6	122.5	126.2	117.7	121.6					
G59.0	119.2	120.0	124.0	115.4	119.2					
G60.0	116.8	117.8	121.9	113.1	116.8					
G61.0	114.6	115.4	119.5	110.6	114.6					
G62.0	112.1	112.7	117.2	108.3	112.1					
G63.0	109.7	110.3	114.8	105.9	109.7					
G64.0	107.0	107.6	112.2	103.3	107.0					
G65.0	104.5	105.0	109.7	100.8	104.5					
G66.0	102.1	102.4	107.1	98.2	102.1					
G67.0	99.2	99.6	104.6	95.5	99.2					
G68.0	96.5	96.9	102.0	93.0	96.5					
G69.0	93.6	94.0	99.3	90.1	93.6					
G70.0	90.5	90.9	96.5	87.5	90.5					
G71.0	87.3	87.6	93.8	84.7	87.3					
G72.0	83.5	84.4	90.6	81.5	83.5					
G73.0	79.5	81.1	87.7	78.7	79.5					

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	75.6	77.4	84.1	75.4	75.6					
G75.0	70.7	73.3	80.7	72.4	70.7					
G76.0	65.9	69.2	76.8	69.1	65.9					
G77.0	60.8	64.8	72.3	65.4	60.8					
G78.0	53.8	59.7	67.8	61.4	53.8					
G79.0	47.0	54.1	62.7	57.5	47.0					
G80.0	39.3	47.6	56.7	52.5	39.3					
G81.0	30.4	41.1	50.3	47.6	30.4					
G82.0	22.9	34.3	42.9	41.8	22.9					
G83.0	16.6	26.8	35.8	35.5	16.6					
G84.0	10.5	17.6	27.0	28.8	10.5					
G85.0	3.9	5.8	20.1	20.1	3.9					
G86.0	1.9	2.0	14.9	10.3	1.9					
G87.0	0.9	0.8	8.5	3.3	0.9					
G88.0	0.4	0.4	2.7	1.3	0.4					
G89.0	0.3	0.3	1.5	0.5	0.3					
G90.0	0.3	0.3	0.8	0.3	0.3					
G91.0	0.3	0.3	0.3	0.3	0.3					
G92.0	0.3	0.4	0.3	0.3	0.3					
G93.0	0.3	0.4	0.3	0.3	0.3					
G94.0	0.3	0.4	0.2	0.3	0.3					
G95.0	0.4	0.4	0.2	0.4	0.4					
G96.0	0.4	0.4	0.2	0.4	0.4					
G97.0	0.4	0.5	0.2	0.3	0.4					
G98.0	0.4	0.4	0.2	0.4	0.4					
G99.0	0.4	0.5	0.3	0.4	0.4					
G100.0	0.4	0.5	0.3	0.5	0.4					
G101.0	0.5	0.6	0.3	0.5	0.5					
G102.0	0.5	0.6	0.4	0.5	0.5					
G103.0	0.5	0.6	0.3	0.5	0.5					
G104.0	0.5	0.6	0.4	0.5	0.5					
G105.0	0.5	0.6	0.4	0.5	0.5					
G106.0	0.6	0.7	0.4	0.6	0.6					
G107.0	0.6	0.7	0.4	0.6	0.6					
G108.0	0.6	0.7	0.5	0.6	0.6					
G109.0	0.7	0.7	0.5	0.7	0.7					
G110.0	0.7	0.7	0.5	0.6	0.7					

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	0.6	0.8	0.5	0.6	0.6					
G112.0	0.7	0.8	0.5	0.7	0.7					
G113.0	0.7	0.8	0.6	0.7	0.7					
G114.0	0.7	0.8	0.6	0.7	0.7					
G115.0	0.7	0.8	0.6	0.8	0.7					
G116.0	0.8	0.9	0.6	0.8	0.8					
G117.0	0.8	0.9	0.7	0.8	0.8					
G118.0	0.8	0.9	0.6	0.9	0.8					
G119.0	0.8	0.9	0.8	0.9	0.8					
G120.0	0.9	0.9	0.7	0.9	0.9					
G121.0	0.9	1.0	0.8	0.9	0.9					
G122.0	0.9	1.0	0.8	0.9	0.9					
G123.0	0.9	1.0	0.8	1.0	0.9					
G124.0	0.9	1.0	0.8	1.0	0.9					
G125.0	1.0	1.0	0.8	1.0	1.0					
G126.0	1.0	1.0	0.9	1.0	1.0					
G127.0	1.0	1.0	0.9	1.0	1.0					
G128.0	1.0	1.1	0.9	1.0	1.0					
G129.0	1.0	1.1	0.9	1.1	1.0					
G130.0	1.1	1.1	0.9	1.1	1.1					
G131.0	1.1	1.1	1.0	1.1	1.1					
G132.0	1.1	1.2	1.0	1.1	1.1					
G133.0	1.1	1.2	1.0	1.1	1.1					
G134.0	1.1	1.3	1.0	1.1	1.1					
G135.0	1.2	1.3	1.0	1.2	1.2					
G136.0	1.1	1.2	1.0	1.2	1.1					
G137.0	1.2	1.3	1.0	1.2	1.2					
G138.0	1.2	1.2	1.0	1.2	1.2					
G139.0	1.2	1.3	1.1	1.2	1.2					
G140.0	1.2	1.3	1.0	1.2	1.2					
G141.0	1.2	1.3	1.1	1.2	1.2					
G142.0	1.2	1.3	1.1	1.2	1.2					
G143.0	1.3	1.4	1.1	1.3	1.3					
G144.0	1.2	1.3	1.1	1.2	1.2					
G145.0	1.3	1.4	1.1	1.3	1.3					
G146.0	1.3	1.4	1.2	1.3	1.3					
G147.0	1.3	1.4	1.2	1.3	1.3					

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 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	1.3	1.4	1.2	1.4	1.3					
G149.0	1.3	1.4	1.2	1.4	1.3					
G150.0	1.3	1.4	1.2	1.4	1.3					
G151.0	1.3	1.5	1.3	1.3	1.3					
G152.0	1.3	1.4	1.2	1.4	1.3					
G153.0	1.3	1.4	1.2	1.4	1.3					
G154.0	1.3	1.5	1.3	1.4	1.3					
G155.0	1.4	1.4	1.3	1.4	1.4					
G156.0	1.3	1.5	1.3	1.4	1.3					
G157.0	1.4	1.5	1.2	1.4	1.4					
G158.0	1.4	1.4	1.3	1.5	1.4					
G159.0	1.4	1.4	1.3	1.5	1.4					
G160.0	1.4	1.5	1.3	1.5	1.4					
G161.0	1.4	1.5	1.4	1.5	1.4					
G162.0	1.4	1.5	1.4	1.5	1.4					
G163.0	1.4	1.5	1.4	1.5	1.4					
G164.0	1.4	1.5	1.4	1.5	1.4					
G165.0	1.4	1.5	1.4	1.6	1.4					
G166.0	1.4	1.5	1.4	1.5	1.4					
G167.0	1.4	1.5	1.4	1.5	1.4					
G168.0	1.4	1.5	1.4	1.5	1.4					
G169.0	1.4	1.5	1.4	1.6	1.4					
G170.0	1.4	1.5	1.4	1.5	1.4					
G171.0	1.5	1.6	1.4	1.6	1.5					
G172.0	1.4	1.5	1.4	1.5	1.4					
G173.0	1.4	1.5	1.4	1.5	1.4					
G174.0	1.4	1.5	1.4	1.5	1.4					
G175.0	1.4	1.5	1.4	1.5	1.4					
G176.0	1.4	1.6	1.4	1.5	1.4					
G177.0	1.4	1.5	1.4	1.6	1.4					
G178.0	1.4	1.6	1.5	1.6	1.4					
G179.0	1.4	1.6	1.4	1.5	1.4					
G180.0	1.4	1.6	1.4	1.6	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:

LED Average Luminance Report

Avg.L	cd/m ²
L 0-180(65) av	55150.57
L 0-180(75) av	63600.03
L 0-180(85) av	29942.75
L 90-270(65) av	52972.97
L 90-270(75) av	61233.74
L 90-270(85) av	32264.28
L 45(65) av	54061.77
L 45(75) av	62416.89
L 45(85) av	31103.51

Standard: GB/T 29293-2012