

Report No.:

Test Time: 2026-10-08 15:49

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: 0.885

Luminaire Description: 67795WT

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): -76.5

Voltage: 220.5 V

Power: 11.88 W

Photometric Results

CIE Class: Direct

Measurement Flux: 828.6 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H141.9

Vertical Diffuse Angle(50%): V138.5

Luminaire Efficacy Rating (LER): 69.79

Max. Intensity: 222.78 cd

S/MH(C0/C180): 1.36

Total Rated Lamp Lumens: 828.6 lm

Efficiency: 100%

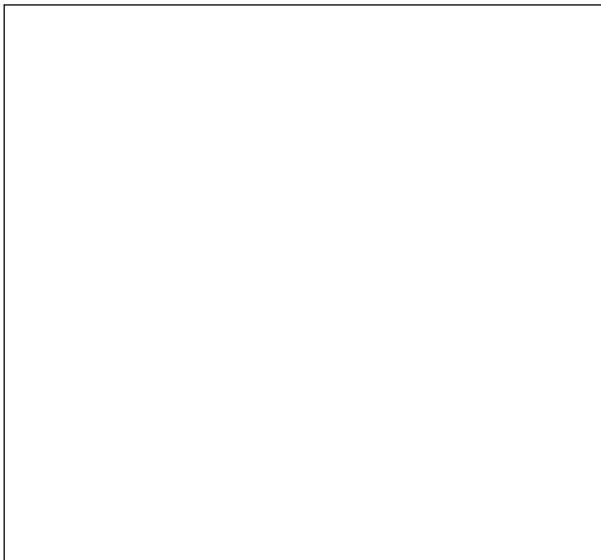
Upward Ratio: 1%

C0r0 Intensity: 222.54 cd

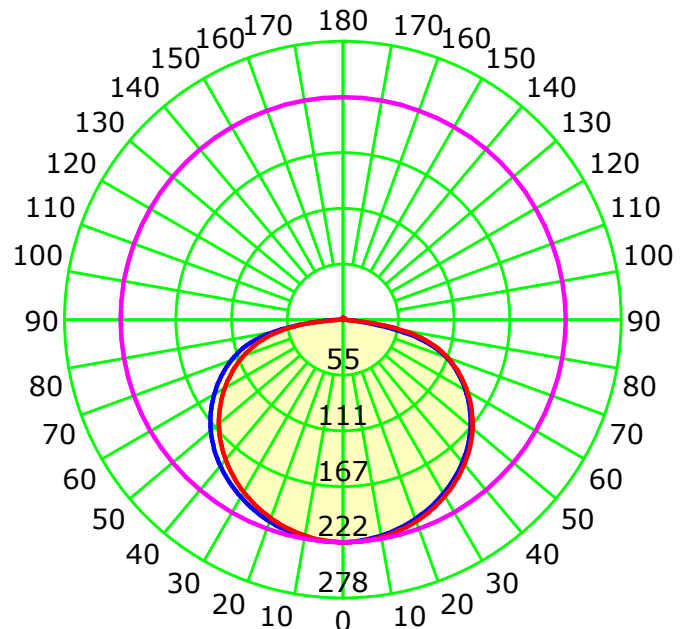
Pos of Max. Intensity: H90 V1

S/MH(C90/C270): 1.35

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 140.2°

— 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

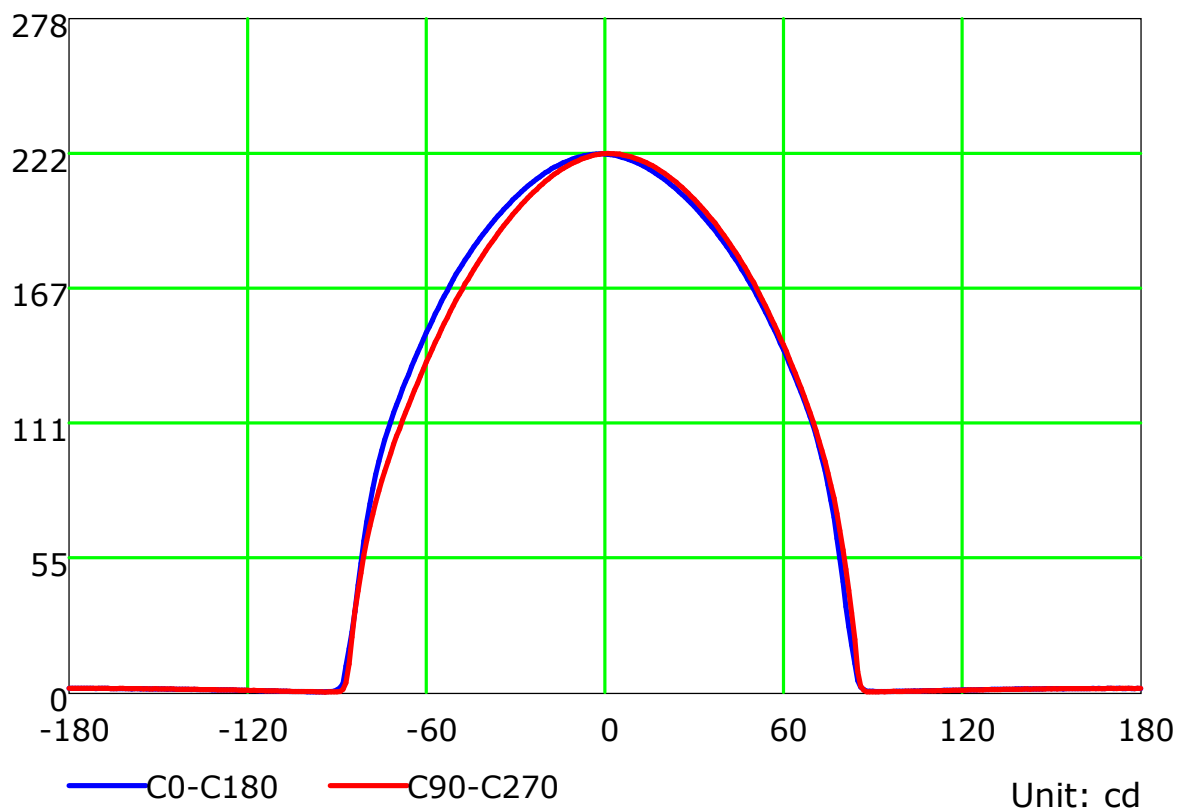
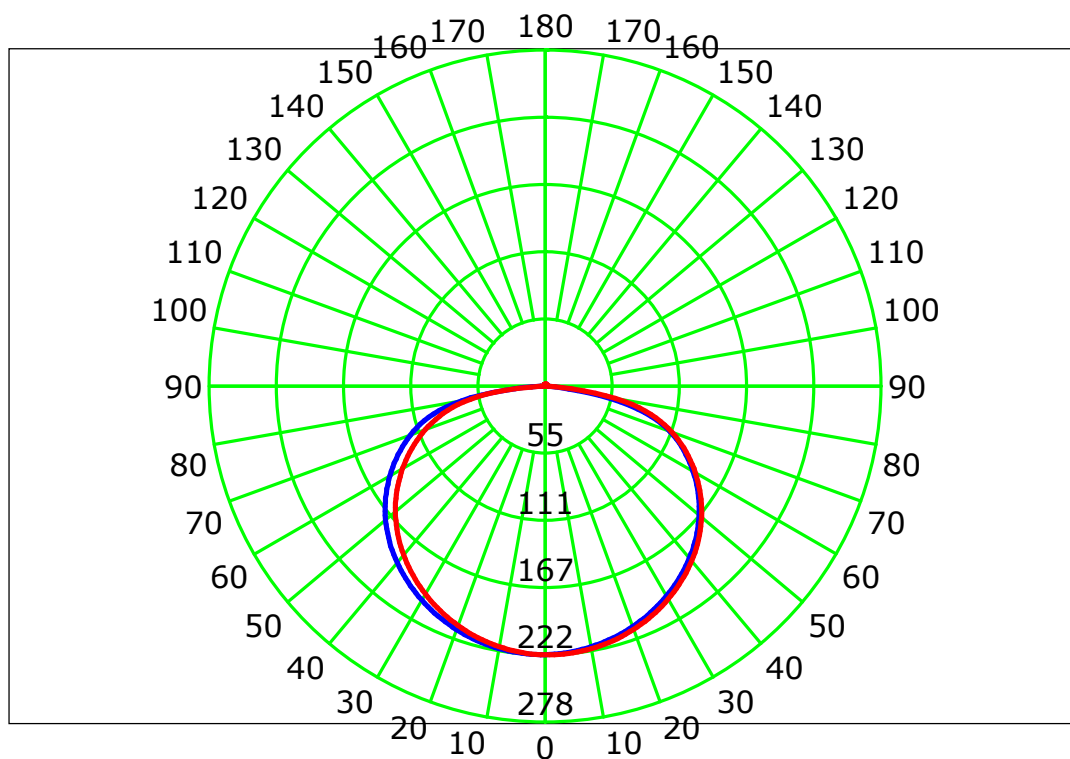
Test Device: GPM-1600L

Distance: 6.490 m [K=1.0800]

Humidity:

Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 90.0
Test Lab:
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Gamma Plane (°):0.0-180.0:1.0
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Humidity:
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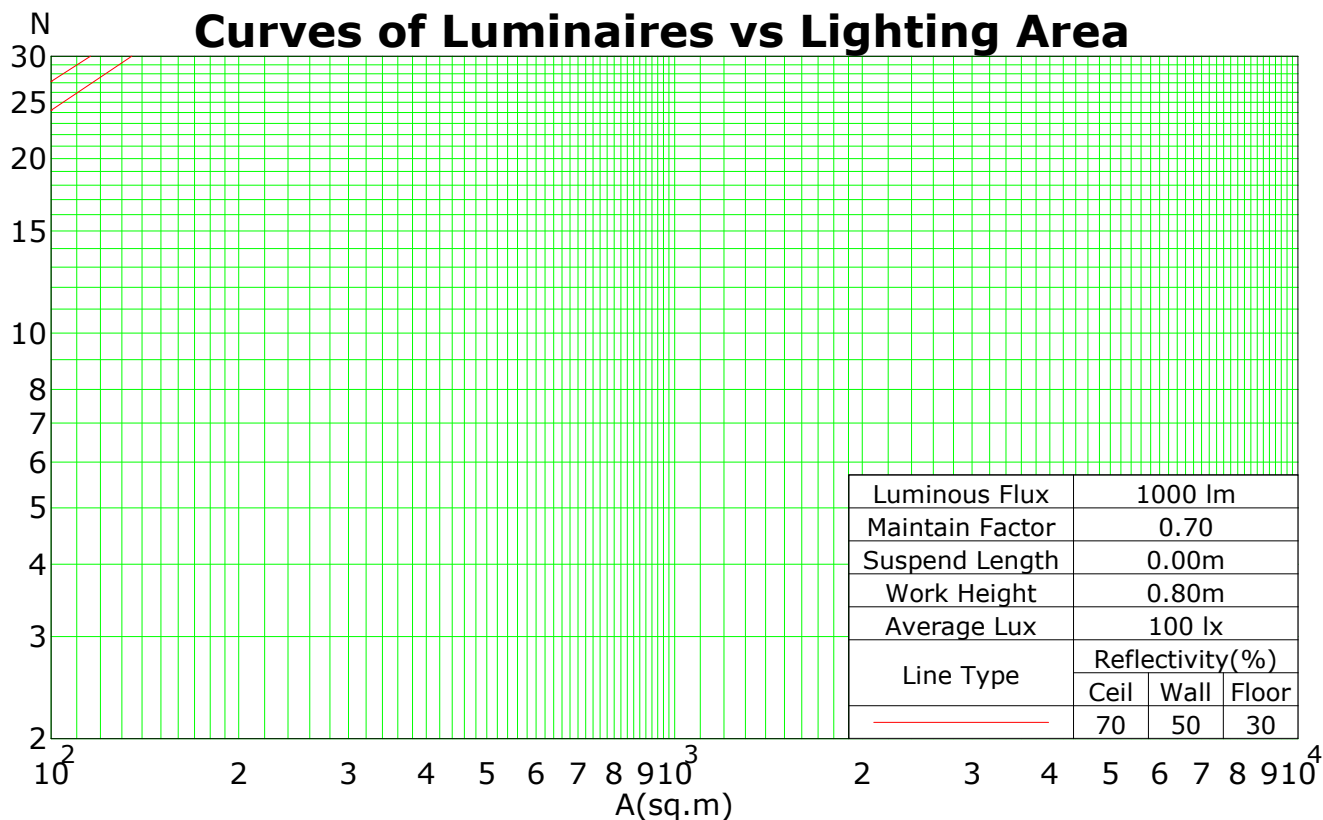
Coefficients Of Utilization - Zonal Cavity Method

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	1.01	0.97	0.92	1.04	0.99	0.95	0.91	0.95	0.91	0.88	0.91	0.87	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	0.72	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	0.42	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	0.59	0.46	0.37	0.31	0.44	0.36	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	0.40	0.33	0.27	0.39	0.32	0.27	0.38	0.31	0.27	0.25
9	0.53	0.39	0.30	0.25	0.52	0.38	0.30	0.24	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

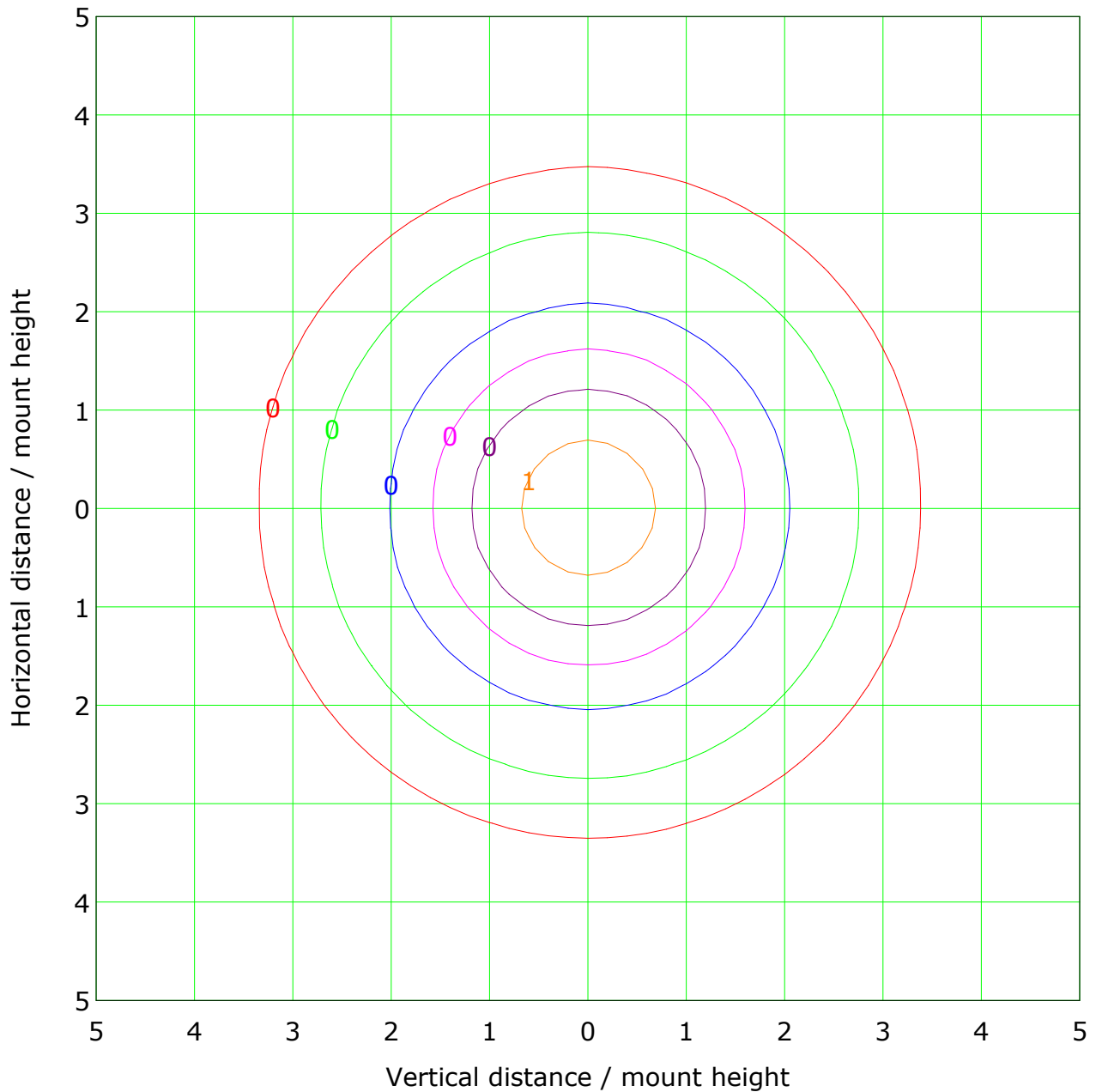
Test Device: GPM-1600L

Distance: 6.490 m [K=1.0800]

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 2.2 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%): 2.2 lx	

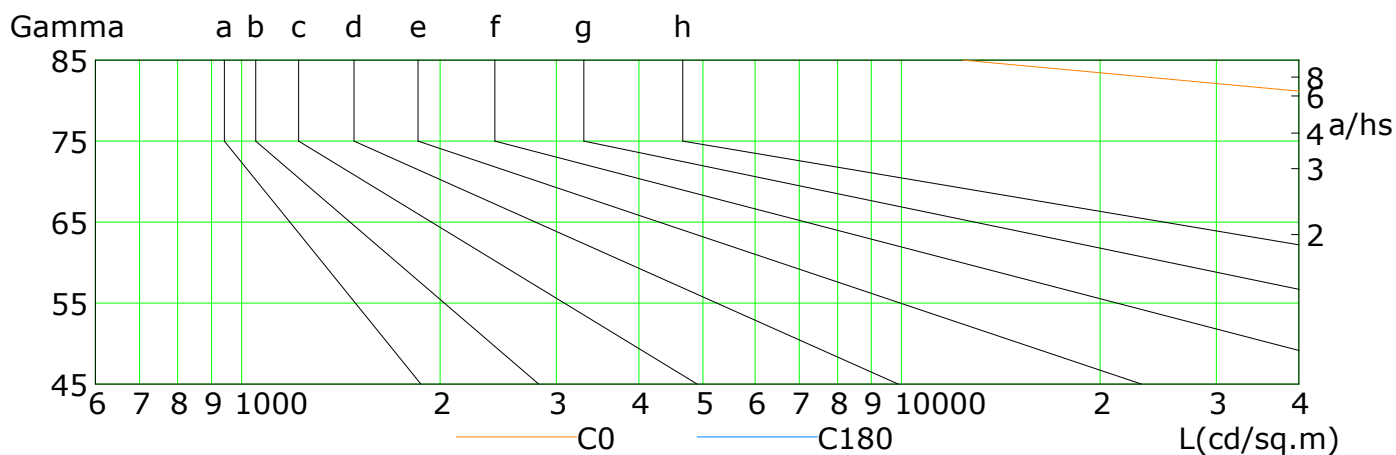
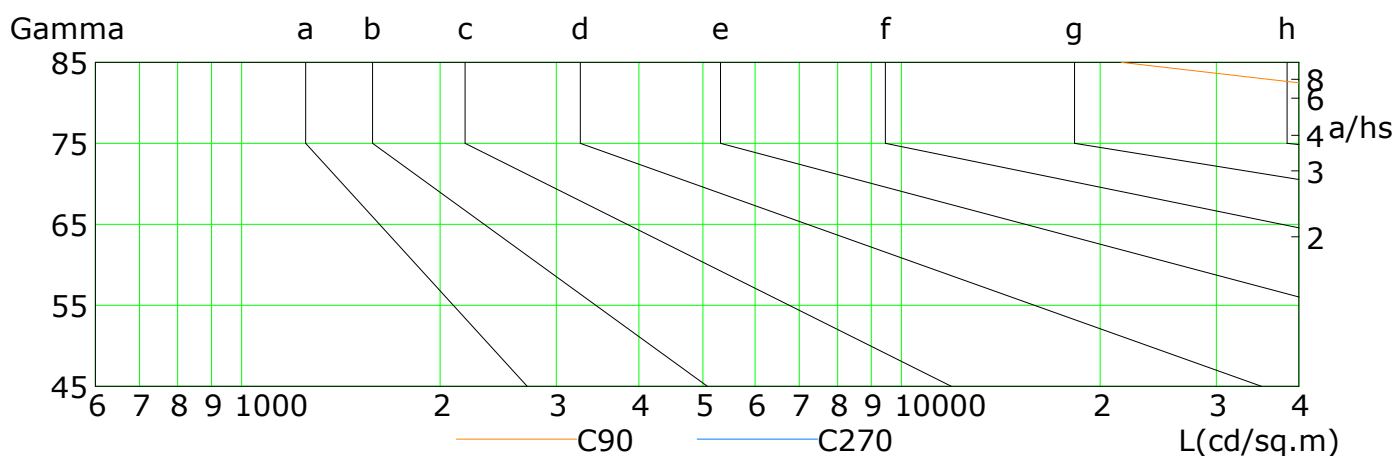
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 6.490 m [K=1.0800]
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

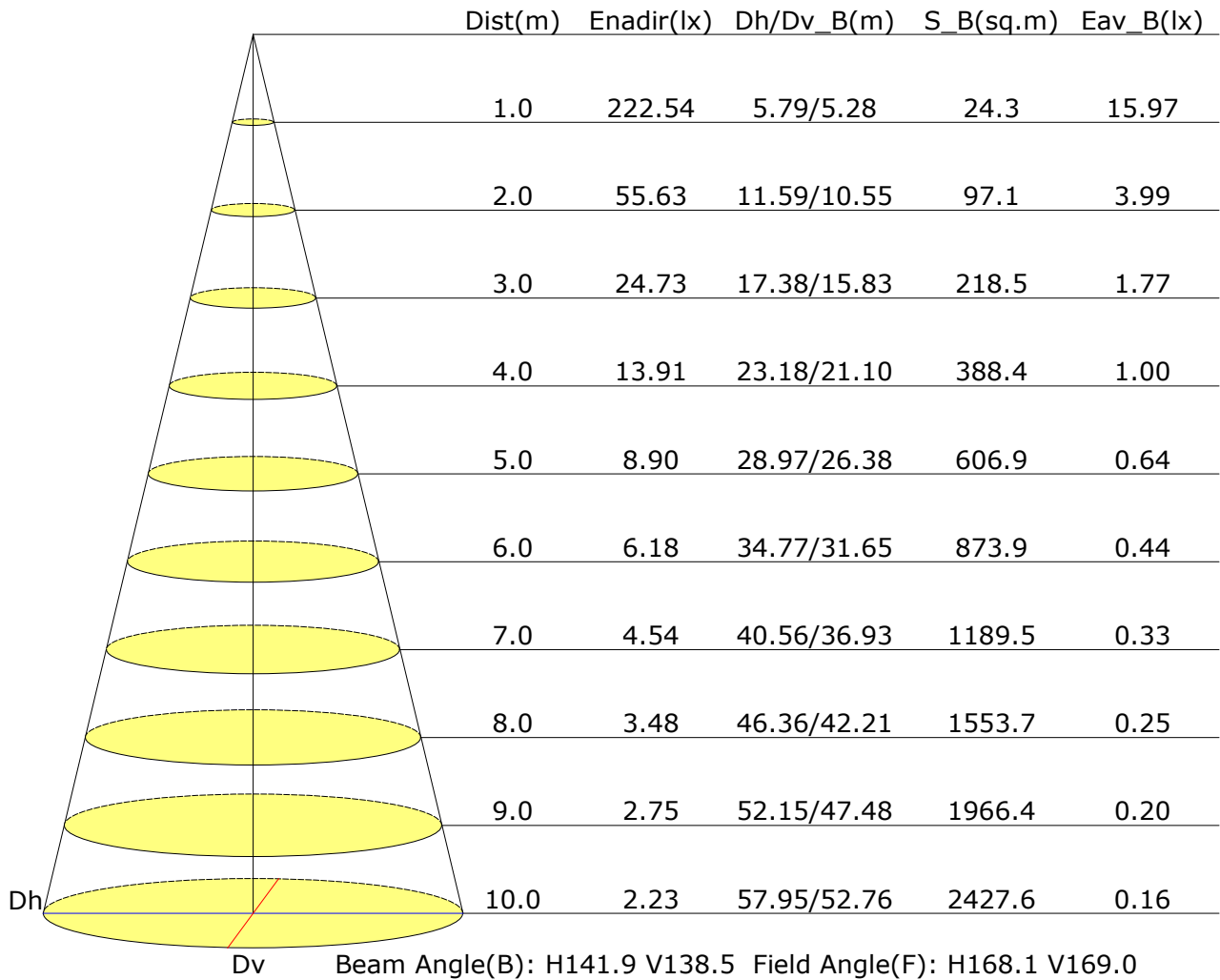


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	54512	56433	58793	61684	65421	70163	72082	57395	12406
C90	55380	57357	59639	62550	66291	71143	76226	74021	21543
C180	56149	58525	61293	64708	69390	75647	84119	88342	62581
C270	53214	54907	56912	59434	62764	67435	73645	78782	57339

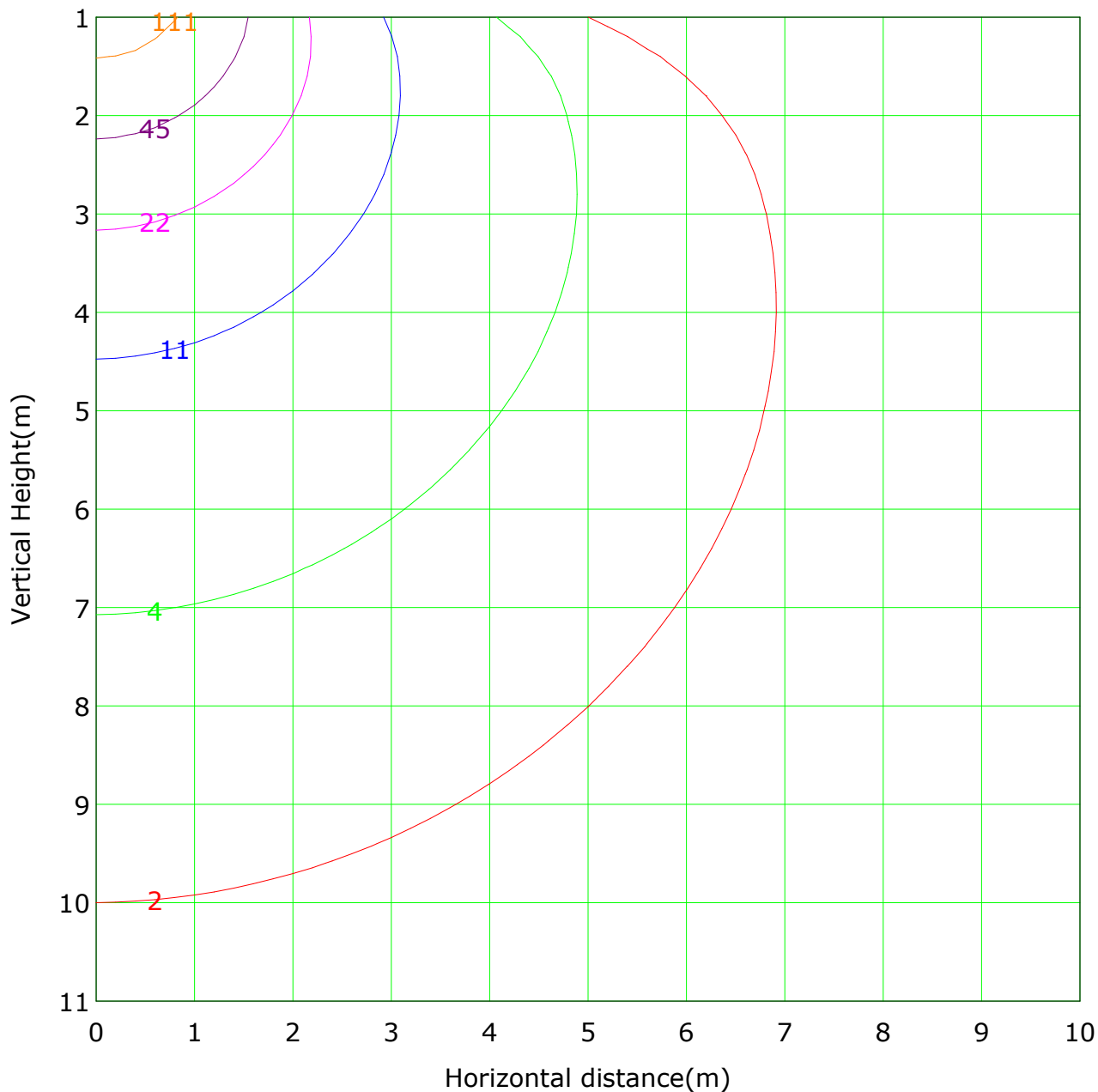
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 6.490 m [K=1.0800]
Humidity:
Inspector:

Illuminance at a Distance



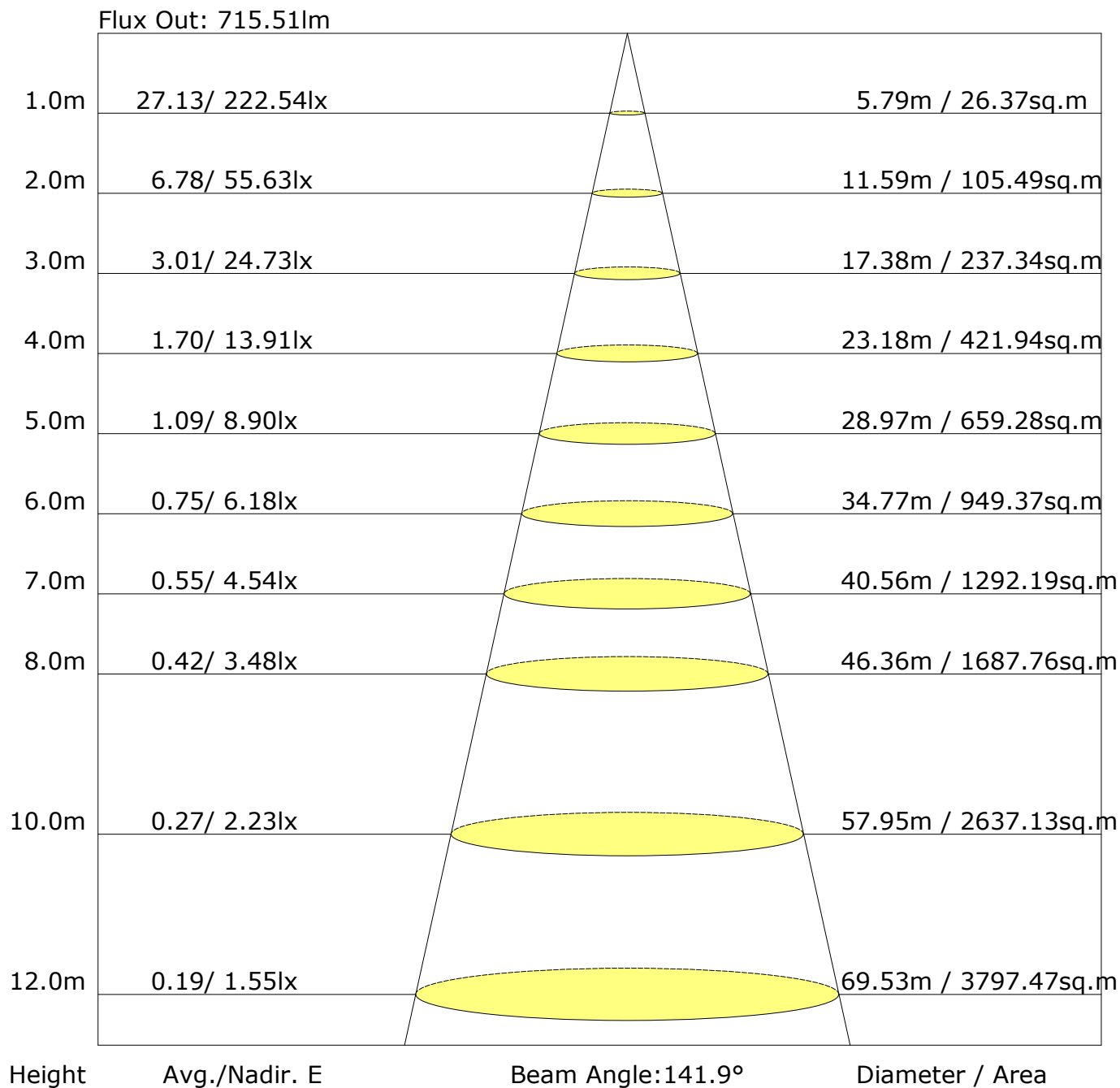
Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 222.5 lx

(1%): 2.2 lx	(2%): 4.5 lx
(5%): 11.1 lx	(10%): 22.3 lx
(20%): 44.5 lx	(50%): 111.3 lx
(100%): 222.5 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	27.0	28.5	27.3	28.7	29.0	26.9	28.4	27.3	28.7	29.0
3H	29.3	30.6	29.6	30.9	31.2	29.2	30.6	29.6	30.9	31.2
4H	30.3	31.6	30.7	31.9	32.2	30.3	31.6	30.7	31.9	32.2
6H	31.0	32.2	31.4	32.5	32.9	31.2	32.4	31.6	32.8	33.1
8H	31.1	32.3	31.5	32.6	33.0	31.5	32.7	31.9	33.0	33.4
12H	31.1	32.2	31.5	32.6	32.9	31.6	32.8	32.0	33.1	33.5
X=4H Y=2H	27.9	29.2	28.2	29.5	29.8	27.8	29.1	28.2	29.4	29.8
3H	30.3	31.5	30.7	31.8	32.2	30.3	31.4	30.7	31.8	32.2
4H	31.5	32.5	31.9	32.9	33.3	31.5	32.6	32.0	32.9	33.3
6H	32.3	33.2	32.8	33.6	34.0	32.6	33.5	33.0	33.9	34.3
8H	32.5	33.3	32.9	33.7	34.2	32.9	33.7	33.4	34.2	34.6
12H	32.5	33.2	33.0	33.7	34.1	33.1	33.8	33.5	34.3	34.7
X=8H Y=4H	32.0	32.8	32.5	33.2	33.7	32.0	32.9	32.5	33.3	33.7
6H	32.9	33.6	33.4	34.1	34.6	33.2	33.9	33.7	34.3	34.8
8H	33.2	33.8	33.7	34.2	34.7	33.6	34.2	34.1	34.7	35.2
12H	33.2	33.7	33.7	34.2	34.7	33.8	34.3	34.3	34.8	35.4
X=12H Y=4H	32.1	32.8	32.5	33.2	33.7	32.1	32.8	32.5	33.3	33.7
6H	33.0	33.6	33.5	34.1	34.6	33.3	33.9	33.8	34.4	34.9
8H	33.3	33.8	33.8	34.3	34.8	33.7	34.3	34.2	34.7	35.3
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 829lm ($8\log(F/F_0) = -0.7$).

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	404	48.8
	FL (0°-30°)	89	10.7
	FM (30°-60°)	198	23.9
	FH (60°-80°)	108	13.0
	FVH (80°-90°)	9	1.1
	BACK LIGHT	418	50.5
	BL (0°-30°)	90	10.8
	BM (30°-60°)	201	24.3
	BH (60°-80°)	113	13.7
	BVH (80°-90°)	14	1.7
	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)	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=1.0800]
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	222.6	0.2	0.2	0.03	0.03
1.0-2.0	222.6	0.6	0.9	0.08	0.10
2.0-3.0	222.5	1.1	1.9	0.13	0.23
3.0-4.0	222.3	1.5	3.4	0.18	0.41
4.0-5.0	222.1	1.9	5.3	0.23	0.64
5.0-6.0	221.8	2.3	7.6	0.28	0.92
6.0-7.0	221.6	2.8	10.4	0.33	1.25
7.0-8.0	221.2	3.2	13.6	0.38	1.64
8.0-9.0	220.8	3.6	17.1	0.43	2.07
9.0-10.0	220.3	4.0	21.1	0.48	2.55
10.0-11.0	219.9	4.4	25.5	0.53	3.08
11.0-12.0	219.4	4.8	30.3	0.58	3.66
12.0-13.0	218.8	5.2	35.5	0.63	4.29
13.0-14.0	218.2	5.6	41.1	0.67	4.96
14.0-15.0	217.6	6.0	47.1	0.72	5.68
15.0-16.0	216.9	6.4	53.4	0.77	6.45
16.0-17.0	216.1	6.7	60.2	0.81	7.26
17.0-18.0	215.4	7.1	67.3	0.86	8.12
18.0-19.0	214.5	7.5	74.7	0.90	9.02
19.0-20.0	213.6	7.8	82.5	0.94	9.96
20.0-21.0	212.7	8.2	90.7	0.99	10.95
21.0-22.0	211.8	8.5	99.2	1.03	11.98
22.0-23.0	210.8	8.8	108.1	1.07	13.04
23.0-24.0	209.8	9.2	117.2	1.11	14.15
24.0-25.0	208.7	9.5	126.7	1.15	15.30
25.0-26.0	207.6	9.8	136.5	1.18	16.48
26.0-27.0	206.5	10.1	146.6	1.22	17.70
27.0-28.0	205.3	10.4	157.0	1.25	18.95
28.0-29.0	204.0	10.7	167.7	1.29	20.24
29.0-30.0	202.8	10.9	178.7	1.32	21.56
30.0-31.0	201.5	11.2	189.9	1.35	22.92
31.0-32.0	200.2	11.5	201.4	1.38	24.30
32.0-33.0	198.8	11.7	213.1	1.41	25.71
33.0-34.0	197.4	11.9	225.0	1.44	27.16
34.0-35.0	195.9	12.2	237.2	1.47	28.62
35.0-36.0	194.4	12.4	249.6	1.49	30.12

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=1.0800]
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	192.9	12.6	262.1	1.52	31.64
37.0-38.0	191.3	12.8	274.9	1.54	33.18
38.0-39.0	189.7	12.9	287.9	1.56	34.74
39.0-40.0	188.0	13.1	301.0	1.58	36.32
40.0-41.0	186.3	13.3	314.2	1.60	37.93
41.0-42.0	184.6	13.4	327.6	1.62	39.54
42.0-43.0	182.8	13.5	341.2	1.63	41.18
43.0-44.0	181.0	13.7	354.9	1.65	42.83
44.0-45.0	179.1	13.8	368.6	1.66	44.49
45.0-46.0	177.1	13.9	382.5	1.67	46.16
46.0-47.0	175.1	13.9	396.4	1.68	47.84
47.0-48.0	173.1	14.0	410.4	1.69	49.53
48.0-49.0	171.0	14.0	424.4	1.69	51.22
49.0-50.0	168.9	14.1	438.5	1.70	52.92
50.0-51.0	166.7	14.1	452.6	1.70	54.63
51.0-52.0	164.4	14.1	466.7	1.70	56.33
52.0-53.0	162.0	14.1	480.8	1.70	58.03
53.0-54.0	159.6	14.1	494.9	1.70	59.73
54.0-55.0	157.1	14.0	508.9	1.69	61.42
55.0-56.0	154.6	14.0	522.9	1.69	63.11
56.0-57.0	152.0	13.9	536.8	1.68	64.79
57.0-58.0	149.4	13.8	550.6	1.67	66.45
58.0-59.0	146.7	13.7	564.3	1.66	68.11
59.0-60.0	144.0	13.6	577.9	1.64	69.75
60.0-61.0	141.3	13.5	591.4	1.63	71.38
61.0-62.0	138.5	13.3	604.8	1.61	72.99
62.0-63.0	135.6	13.2	618.0	1.59	74.58
63.0-64.0	132.6	13.0	631.0	1.57	76.15
64.0-65.0	129.6	12.8	643.8	1.55	77.70
65.0-66.0	126.6	12.6	656.4	1.52	79.23
66.0-67.0	123.4	12.4	668.9	1.50	80.72
67.0-68.0	120.2	12.2	681.0	1.47	82.19
68.0-69.0	117.0	11.9	693.0	1.44	83.63
69.0-70.0	113.5	11.7	704.6	1.41	85.04
70.0-71.0	110.0	11.4	716.0	1.37	86.41
71.0-72.0	106.2	11.0	727.0	1.33	87.75

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=1.0800]
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	102.2	10.7	737.7	1.29	89.04
73.0-74.0	98.0	10.3	748.0	1.24	90.28
74.0-75.0	93.4	9.9	757.9	1.19	91.47
75.0-76.0	88.5	9.4	767.3	1.13	92.61
76.0-77.0	83.2	8.9	776.2	1.07	93.68
77.0-78.0	77.2	8.3	784.4	1.00	94.67
78.0-79.0	70.6	7.6	792.0	0.92	95.59
79.0-80.0	63.4	6.8	798.9	0.83	96.42
80.0-81.0	55.5	6.0	804.9	0.72	97.14
81.0-82.0	47.3	5.1	810.0	0.62	97.76
82.0-83.0	38.9	4.2	814.2	0.51	98.27
83.0-84.0	30.0	3.3	817.5	0.39	98.66
84.0-85.0	20.3	2.2	819.7	0.27	98.93
85.0-86.0	12.1	1.3	821.0	0.16	99.09
86.0-87.0	6.5	0.7	821.7	0.09	99.18
87.0-88.0	2.9	0.3	822.1	0.04	99.22
88.0-89.0	1.2	0.1	822.2	0.02	99.23
89.0-90.0	0.7	0.1	822.3	0.01	99.24
90.0-91.0	0.5	0.1	822.3	0.01	99.25
91.0-92.0	0.4	0.0	822.4	0.01	99.25
92.0-93.0	0.4	0.0	822.4	0.01	99.26
93.0-94.0	0.4	0.0	822.5	0.01	99.26
94.0-95.0	0.4	0.0	822.5	0.00	99.27
95.0-96.0	0.4	0.0	822.6	0.01	99.27
96.0-97.0	0.4	0.0	822.6	0.01	99.28
97.0-98.0	0.4	0.0	822.6	0.01	99.29
98.0-99.0	0.4	0.0	822.7	0.01	99.29
99.0-100.0	0.5	0.1	822.7	0.01	99.30
100.0-101.0	0.5	0.1	822.8	0.01	99.30
101.0-102.0	0.5	0.1	822.9	0.01	99.31
102.0-103.0	0.5	0.1	822.9	0.01	99.32
103.0-104.0	0.6	0.1	823.0	0.01	99.32
104.0-105.0	0.6	0.1	823.0	0.01	99.33
105.0-106.0	0.6	0.1	823.1	0.01	99.34
106.0-107.0	0.6	0.1	823.2	0.01	99.35
107.0-108.0	0.7	0.1	823.2	0.01	99.36

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=1.0800]
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	823.3	0.01	99.36
109.0-110.0	0.7	0.1	823.4	0.01	99.37
110.0-111.0	0.8	0.1	823.5	0.01	99.38
111.0-112.0	0.8	0.1	823.5	0.01	99.39
112.0-113.0	0.8	0.1	823.6	0.01	99.40
113.0-114.0	0.8	0.1	823.7	0.01	99.41
114.0-115.0	0.8	0.1	823.8	0.01	99.42
115.0-116.0	0.9	0.1	823.9	0.01	99.43
116.0-117.0	0.9	0.1	824.0	0.01	99.44
117.0-118.0	0.9	0.1	824.0	0.01	99.45
118.0-119.0	1.0	0.1	824.1	0.01	99.47
119.0-120.0	1.0	0.1	824.2	0.01	99.48
120.0-121.0	1.0	0.1	824.3	0.01	99.49
121.0-122.0	1.0	0.1	824.4	0.01	99.50
122.0-123.0	1.1	0.1	824.5	0.01	99.51
123.0-124.0	1.1	0.1	824.6	0.01	99.52
124.0-125.0	1.1	0.1	824.7	0.01	99.54
125.0-126.0	1.1	0.1	824.8	0.01	99.55
126.0-127.0	1.2	0.1	824.9	0.01	99.56
127.0-128.0	1.2	0.1	825.0	0.01	99.57
128.0-129.0	1.2	0.1	825.1	0.01	99.59
129.0-130.0	1.2	0.1	825.2	0.01	99.60
130.0-131.0	1.2	0.1	825.3	0.01	99.61
131.0-132.0	1.3	0.1	825.4	0.01	99.62
132.0-133.0	1.3	0.1	825.5	0.01	99.64
133.0-134.0	1.3	0.1	825.6	0.01	99.65
134.0-135.0	1.3	0.1	825.8	0.01	99.66
135.0-136.0	1.3	0.1	825.9	0.01	99.67
136.0-137.0	1.3	0.1	826.0	0.01	99.68
137.0-138.0	1.4	0.1	826.1	0.01	99.70
138.0-139.0	1.4	0.1	826.2	0.01	99.71
139.0-140.0	1.4	0.1	826.3	0.01	99.72
140.0-141.0	1.4	0.1	826.4	0.01	99.73
141.0-142.0	1.4	0.1	826.5	0.01	99.74
142.0-143.0	1.4	0.1	826.5	0.01	99.76
143.0-144.0	1.4	0.1	826.6	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=1.0800]
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	1.5	0.1	826.7	0.01	99.78
145.0-146.0	1.5	0.1	826.8	0.01	99.79
146.0-147.0	1.5	0.1	826.9	0.01	99.80
147.0-148.0	1.5	0.1	827.0	0.01	99.81
148.0-149.0	1.5	0.1	827.1	0.01	99.82
149.0-150.0	1.5	0.1	827.2	0.01	99.83
150.0-151.0	1.6	0.1	827.3	0.01	99.84
151.0-152.0	1.6	0.1	827.3	0.01	99.85
152.0-153.0	1.6	0.1	827.4	0.01	99.86
153.0-154.0	1.6	0.1	827.5	0.01	99.87
154.0-155.0	1.6	0.1	827.6	0.01	99.88
155.0-156.0	1.6	0.1	827.7	0.01	99.89
156.0-157.0	1.6	0.1	827.7	0.01	99.90
157.0-158.0	1.6	0.1	827.8	0.01	99.91
158.0-159.0	1.6	0.1	827.9	0.01	99.91
159.0-160.0	1.6	0.1	827.9	0.01	99.92
160.0-161.0	1.7	0.1	828.0	0.01	99.93
161.0-162.0	1.7	0.1	828.0	0.01	99.94
162.0-163.0	1.7	0.1	828.1	0.01	99.94
163.0-164.0	1.7	0.1	828.1	0.01	99.95
164.0-165.0	1.7	0.0	828.2	0.01	99.96
165.0-166.0	1.7	0.0	828.2	0.01	99.96
166.0-167.0	1.7	0.0	828.3	0.01	99.97
167.0-168.0	1.7	0.0	828.3	0.00	99.97
168.0-169.0	1.7	0.0	828.4	0.00	99.98
169.0-170.0	1.7	0.0	828.4	0.00	99.98
170.0-171.0	1.7	0.0	828.4	0.00	99.98
171.0-172.0	1.7	0.0	828.5	0.00	99.99
172.0-173.0	1.7	0.0	828.5	0.00	99.99
173.0-174.0	1.7	0.0	828.5	0.00	99.99
174.0-175.0	1.7	0.0	828.5	0.00	99.99
175.0-176.0	1.7	0.0	828.5	0.00	100.00
176.0-177.0	1.7	0.0	828.6	0.00	100.00
177.0-178.0	1.7	0.0	828.6	0.00	100.00
178.0-179.0	1.7	0.0	828.6	0.00	100.00
179.0-180.0	1.7	0.0	828.6	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=1.0800]
Humidity:
Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 368.62 lm

%lum = 44.5%
%lamp = 44.5%

cone flux(120°): 577.94 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	222.5	222.7	222.5	222.7	222.5					
G1.0	222.5	222.8	222.7	222.6	222.5					
G2.0	222.3	222.7	222.5	222.5	222.3					
G3.0	222.1	222.7	222.6	222.3	222.1					
G4.0	221.9	222.6	222.5	222.0	221.9					
G5.0	221.6	222.5	222.3	221.7	221.6					
G6.0	221.2	222.2	222.1	221.3	221.2					
G7.0	220.9	222.0	221.9	220.9	220.9					
G8.0	220.4	221.7	221.5	220.4	220.4					
G9.0	219.9	221.4	221.2	219.8	219.9					
G10.0	219.4	220.9	220.9	219.3	219.4					
G11.0	218.8	220.5	220.5	218.8	218.8					
G12.0	218.3	220.1	220.0	218.0	218.3					
G13.0	217.7	219.5	219.5	217.4	217.7					
G14.0	217.0	219.0	219.0	216.7	217.0					
G15.0	216.3	218.3	218.3	215.9	216.3					
G16.0	215.6	217.8	217.7	215.0	215.6					
G17.0	214.7	217.0	217.1	214.2	214.7					
G18.0	213.9	216.2	216.5	213.3	213.9					
G19.0	213.0	215.4	215.6	212.3	213.0					
G20.0	212.2	214.6	214.9	211.3	212.2					
G21.0	211.2	213.7	214.0	210.1	211.2					
G22.0	210.1	212.8	213.1	209.2	210.1					
G23.0	209.2	211.9	212.2	207.9	209.2					
G24.0	208.2	210.9	211.2	206.8	208.2					
G25.0	207.0	209.8	210.3	205.6	207.0					
G26.0	205.9	208.8	209.4	204.4	205.9					
G27.0	204.7	207.5	208.1	203.0	204.7					
G28.0	203.5	206.4	207.0	201.8	203.5					
G29.0	202.3	205.2	205.9	200.3	202.3					
G30.0	201.0	203.9	204.7	198.9	201.0					
G31.0	199.6	202.6	203.6	197.6	199.6					
G32.0	198.4	201.3	202.2	196.0	198.4					
G33.0	196.9	199.9	201.0	194.6	196.9					
G34.0	195.5	198.5	199.8	192.9	195.5					
G35.0	193.9	196.9	198.3	191.3	193.9					
G36.0	192.6	195.5	197.0	189.7	192.6					

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=1.0800]
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	191.1	194.1	195.4	187.8	191.1					
G38.0	189.4	192.4	194.0	186.2	189.4					
G39.0	187.7	190.6	192.5	184.6	187.7					
G40.0	186.0	189.0	190.9	182.6	186.0					
G41.0	184.3	187.3	189.4	180.8	184.3					
G42.0	182.7	185.6	187.8	178.9	182.7					
G43.0	180.8	183.7	186.0	177.1	180.8					
G44.0	179.0	181.8	184.4	175.0	179.0					
G45.0	177.2	180.0	182.5	172.9	177.2					
G46.0	175.0	177.8	180.6	170.9	175.0					
G47.0	173.1	175.8	178.8	168.9	173.1					
G48.0	170.9	173.7	176.8	166.5	170.9					
G49.0	168.9	171.5	174.9	164.5	168.9					
G50.0	166.7	169.5	172.9	162.2	166.7					
G51.0	164.4	167.0	170.7	159.9	164.4					
G52.0	162.2	164.6	168.5	157.6	162.2					
G53.0	159.9	162.2	166.1	155.0	159.9					
G54.0	157.3	159.7	163.8	152.5	157.3					
G55.0	155.0	157.2	161.6	150.0	155.0					
G56.0	152.3	154.6	158.9	147.3	152.3					
G57.0	149.8	152.0	156.6	144.8	149.8					
G58.0	147.3	149.3	153.8	142.0	147.3					
G59.0	144.4	146.4	151.3	139.4	144.4					
G60.0	141.8	143.8	148.7	136.6	141.8					
G61.0	139.1	141.0	145.9	133.7	139.1					
G62.0	136.0	137.9	143.3	130.9	136.0					
G63.0	133.2	135.0	140.6	127.9	133.2					
G64.0	130.1	131.9	137.4	125.0	130.1					
G65.0	127.1	128.8	134.8	121.9	127.1					
G66.0	124.1	125.8	131.5	118.8	124.1					
G67.0	120.8	122.4	128.6	115.7	120.8					
G68.0	117.4	119.0	125.6	112.6	117.4					
G69.0	114.1	115.7	122.2	109.1	114.1					
G70.0	110.3	111.8	118.9	106.0	110.3					
G71.0	106.3	108.2	115.7	102.7	106.3					
G72.0	101.6	104.1	112.0	98.8	101.6					
G73.0	96.9	100.1	108.4	95.3	96.9					

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=1.0800]
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	91.8	95.6	104.5	91.3	91.8					
G75.0	85.8	90.7	100.1	87.6	85.8					
G76.0	79.4	85.6	95.6	83.4	79.4					
G77.0	72.5	80.4	90.1	78.7	72.5					
G78.0	63.8	74.0	84.4	73.8	63.8					
G79.0	55.4	67.1	78.0	68.8	55.4					
G80.0	45.8	59.1	70.5	62.9	45.8					
G81.0	35.5	51.0	62.7	56.8	35.5					
G82.0	27.1	42.2	53.4	49.4	27.1					
G83.0	19.6	32.8	44.3	42.0	19.6					
G84.0	12.0	22.1	33.4	33.6	12.0					
G85.0	5.0	8.6	25.1	23.0	5.0					
G86.0	2.3	2.8	18.2	11.8	2.3					
G87.0	1.3	1.0	10.9	4.0	1.3					
G88.0	0.6	0.4	3.8	1.4	0.6					
G89.0	0.6	0.4	2.0	0.5	0.6					
G90.0	0.6	0.3	1.1	0.3	0.6					
G91.0	0.5	0.4	0.6	0.3	0.5					
G92.0	0.4	0.3	0.5	0.3	0.4					
G93.0	0.5	0.4	0.4	0.3	0.5					
G94.0	0.4	0.4	0.4	0.3	0.4					
G95.0	0.5	0.4	0.3	0.3	0.5					
G96.0	0.5	0.5	0.3	0.3	0.5					
G97.0	0.5	0.5	0.3	0.4	0.5					
G98.0	0.5	0.4	0.3	0.4	0.5					
G99.0	0.6	0.5	0.3	0.4	0.6					
G100.0	0.6	0.5	0.3	0.4	0.6					
G101.0	0.6	0.5	0.4	0.5	0.6					
G102.0	0.6	0.5	0.4	0.5	0.6					
G103.0	0.6	0.6	0.4	0.5	0.6					
G104.0	0.7	0.6	0.5	0.5	0.7					
G105.0	0.7	0.7	0.5	0.5	0.7					
G106.0	0.7	0.7	0.5	0.6	0.7					
G107.0	0.7	0.7	0.6	0.6	0.7					
G108.0	0.8	0.7	0.6	0.6	0.8					
G109.0	0.8	0.8	0.6	0.6	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=1.0800]
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	0.9	0.8	0.7	0.8	0.9					
G112.0	0.9	0.8	0.8	0.7	0.9					
G113.0	0.9	0.8	0.7	0.7	0.9					
G114.0	1.0	0.8	0.8	0.8	1.0					
G115.0	1.0	0.9	0.7	0.8	1.0					
G116.0	1.0	0.9	0.8	0.8	1.0					
G117.0	1.0	1.0	0.8	0.9	1.0					
G118.0	1.0	1.0	0.9	1.0	1.0					
G119.0	1.0	1.0	0.9	0.9	1.0					
G120.0	1.1	1.0	0.9	1.0	1.1					
G121.0	1.1	1.0	1.0	1.0	1.1					
G122.0	1.1	1.1	1.0	1.0	1.1					
G123.0	1.1	1.1	1.0	1.0	1.1					
G124.0	1.1	1.1	1.0	1.1	1.1					
G125.0	1.2	1.2	1.1	1.1	1.2					
G126.0	1.2	1.2	1.1	1.1	1.2					
G127.0	1.3	1.2	1.1	1.2	1.3					
G128.0	1.3	1.2	1.1	1.2	1.3					
G129.0	1.3	1.2	1.1	1.2	1.3					
G130.0	1.3	1.3	1.2	1.2	1.3					
G131.0	1.4	1.3	1.1	1.3	1.4					
G132.0	1.3	1.3	1.2	1.2	1.3					
G133.0	1.4	1.3	1.2	1.2	1.4					
G134.0	1.3	1.3	1.3	1.3	1.3					
G135.0	1.4	1.3	1.3	1.3	1.4					
G136.0	1.4	1.4	1.3	1.3	1.4					
G137.0	1.5	1.4	1.2	1.3	1.5					
G138.0	1.5	1.4	1.4	1.3	1.5					
G139.0	1.5	1.4	1.3	1.3	1.5					
G140.0	1.5	1.5	1.3	1.4	1.5					
G141.0	1.5	1.5	1.4	1.4	1.5					
G142.0	1.5	1.5	1.3	1.4	1.5					
G143.0	1.5	1.4	1.4	1.4	1.5					
G144.0	1.5	1.5	1.4	1.4	1.5					
G145.0	1.5	1.5	1.4	1.5	1.5					
G146.0	1.5	1.5	1.5	1.5	1.5					
G147.0	1.6	1.5	1.4	1.5	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=1.0800]
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	1.6	1.5	1.5	1.5	1.6					
G149.0	1.6	1.6	1.5	1.5	1.6					
G150.0	1.6	1.6	1.5	1.5	1.6					
G151.0	1.6	1.6	1.5	1.6	1.6					
G152.0	1.6	1.5	1.5	1.5	1.6					
G153.0	1.6	1.6	1.6	1.6	1.6					
G154.0	1.6	1.6	1.6	1.6	1.6					
G155.0	1.6	1.6	1.6	1.6	1.6					
G156.0	1.7	1.6	1.5	1.6	1.7					
G157.0	1.6	1.6	1.6	1.6	1.6					
G158.0	1.6	1.6	1.6	1.6	1.6					
G159.0	1.6	1.7	1.5	1.6	1.6					
G160.0	1.7	1.7	1.6	1.7	1.7					
G161.0	1.7	1.7	1.6	1.7	1.7					
G162.0	1.7	1.7	1.7	1.7	1.7					
G163.0	1.7	1.6	1.7	1.8	1.7					
G164.0	1.8	1.7	1.7	1.7	1.8					
G165.0	1.7	1.7	1.7	1.7	1.7					
G166.0	1.7	1.7	1.7	1.7	1.7					
G167.0	1.7	1.7	1.7	1.7	1.7					
G168.0	1.7	1.7	1.7	1.8	1.7					
G169.0	1.7	1.7	1.7	1.7	1.7					
G170.0	1.8	1.7	1.7	1.8	1.8					
G171.0	1.7	1.8	1.7	1.7	1.7					
G172.0	1.8	1.7	1.7	1.8	1.8					
G173.0	1.7	1.8	1.7	1.8	1.7					
G174.0	1.7	1.7	1.7	1.8	1.7					
G175.0	1.7	1.7	1.8	1.7	1.7					
G176.0	1.8	1.8	1.7	1.8	1.8					
G177.0	1.7	1.8	1.8	1.8	1.7					
G178.0	1.7	1.7	1.8	1.7	1.7					
G179.0	1.7	1.7	1.8	1.8	1.7					
G180.0	1.6	1.8	1.7	1.8	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=1.0800]
Humidity:
Inspector:

LED Average Luminance Report

Avg.L	cd/m ²
L 0-180(65) av	67405.40
L 0-180(75) av	78100.44
L 0-180(85) av	37493.96
L 90-270(65) av	64527.67
L 90-270(75) av	74935.57
L 90-270(85) av	39441.05
L 45(65) av	65966.53
L 45(75) av	76518.00
L 45(85) av	38467.50

Standard: GB/T 29293-2012