

Report No.:

Test Time: 2026-10-09 09:38

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps:

Luminous Length (mm): -76.5

Luminous Height (mm):

Current: 0.062 A

Power Factor: 0.886

Luminaire Description: 67795WT

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): -76.5

Voltage: 220.0 V

Power: 12.07 W

Photometric Results

CIE Class: Direct

Measurement Flux: 728.9 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H141

Vertical Diffuse Angle(50%): V137.6

Luminaire Efficacy Rating (LER): 60.44

Max. Intensity: 197.17 cd

S/MH(C0/C180): 1.36

Total Rated Lamp Lumens: 728.9 lm

Efficiency: 100%

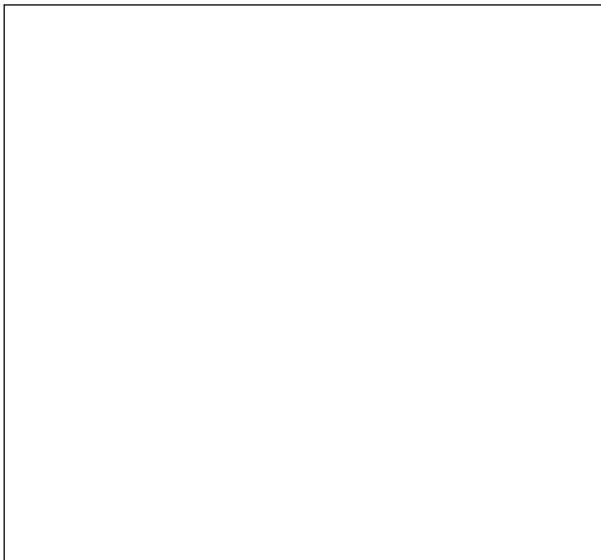
Upward Ratio: 1%

C0r0 Intensity: 197.04 cd

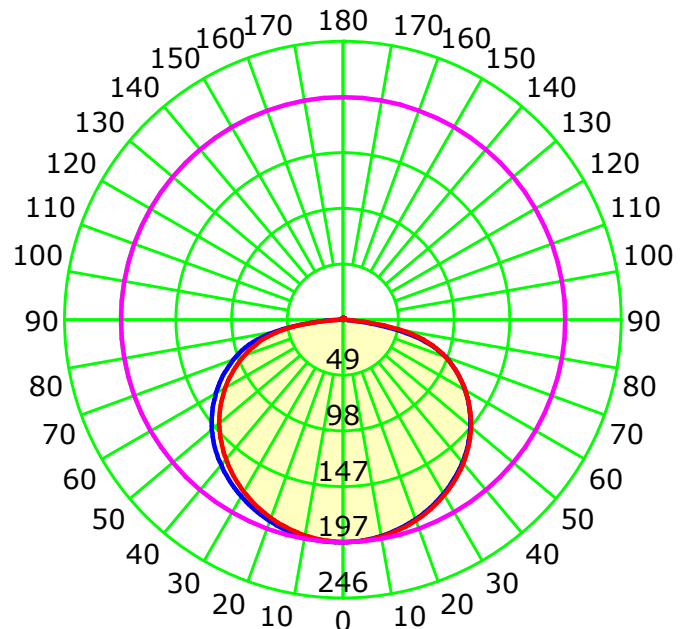
Pos of Max. Intensity: H180 V2

S/MH(C90/C270): 1.35

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 139.3°

— 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

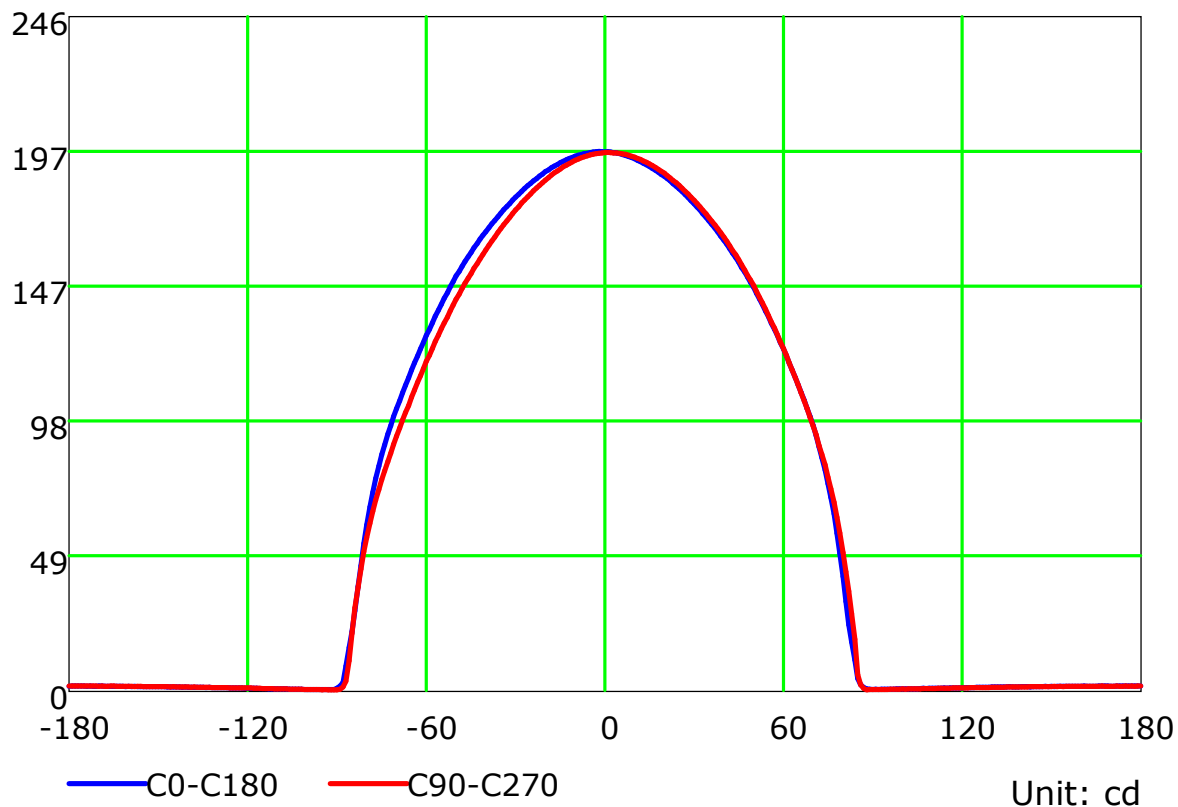
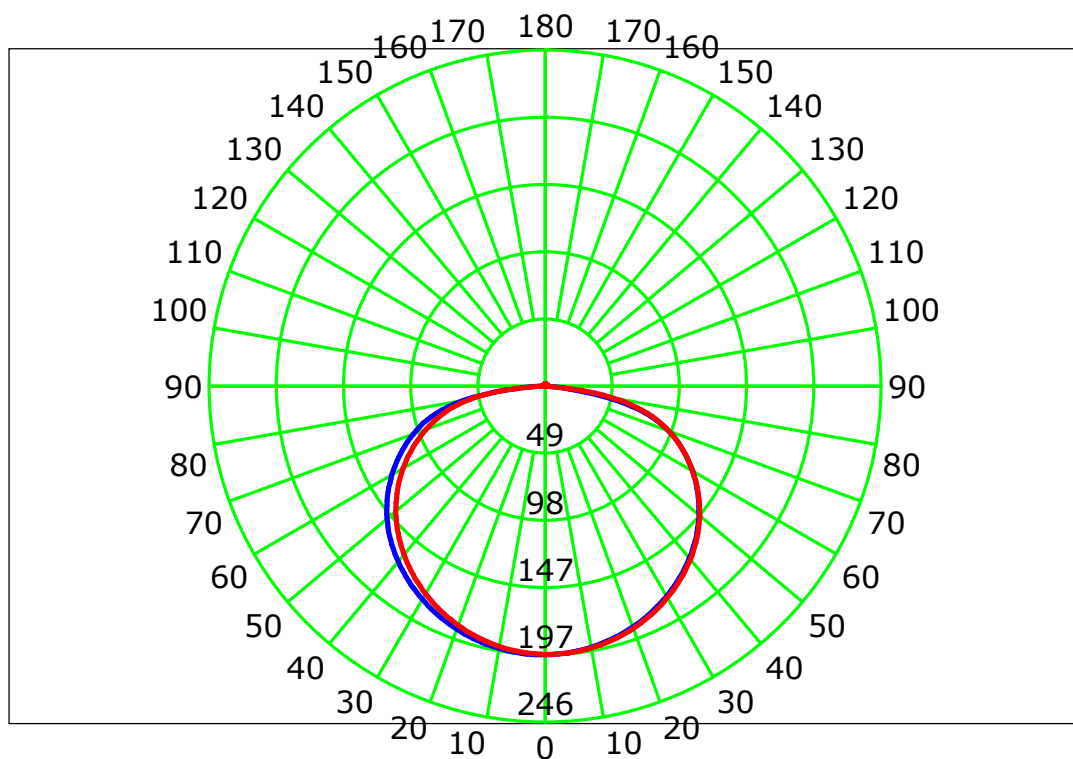
Test Device: GPM-1600L

Distance: 6.490 m [K=1.0000]

Humidity:

Inspector:

Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 90.0
Test Lab:
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:

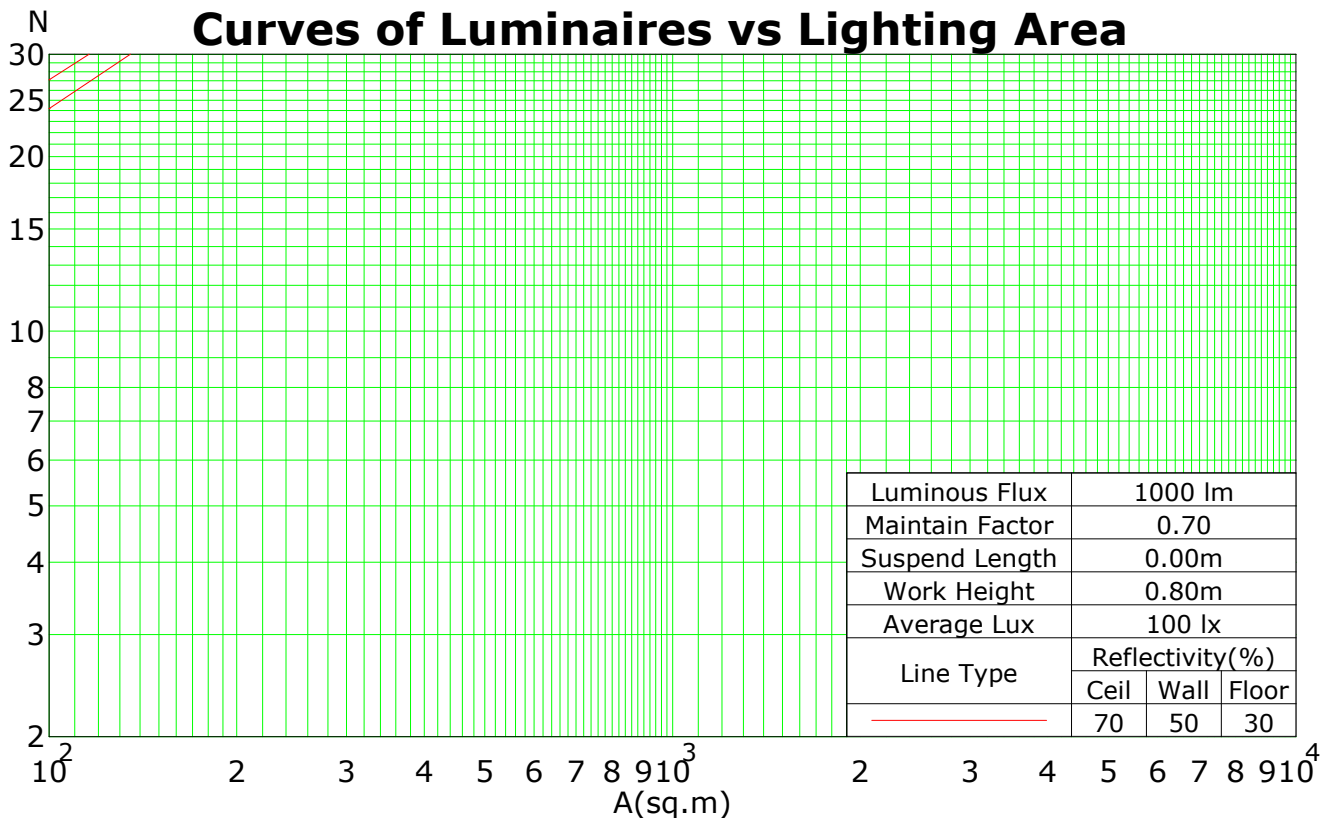
Coefficients Of Utilization - Zonal Cavity Method

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	1.07	1.02	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	0.73	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	0.49	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	0.41	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	0.36	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	0.44	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

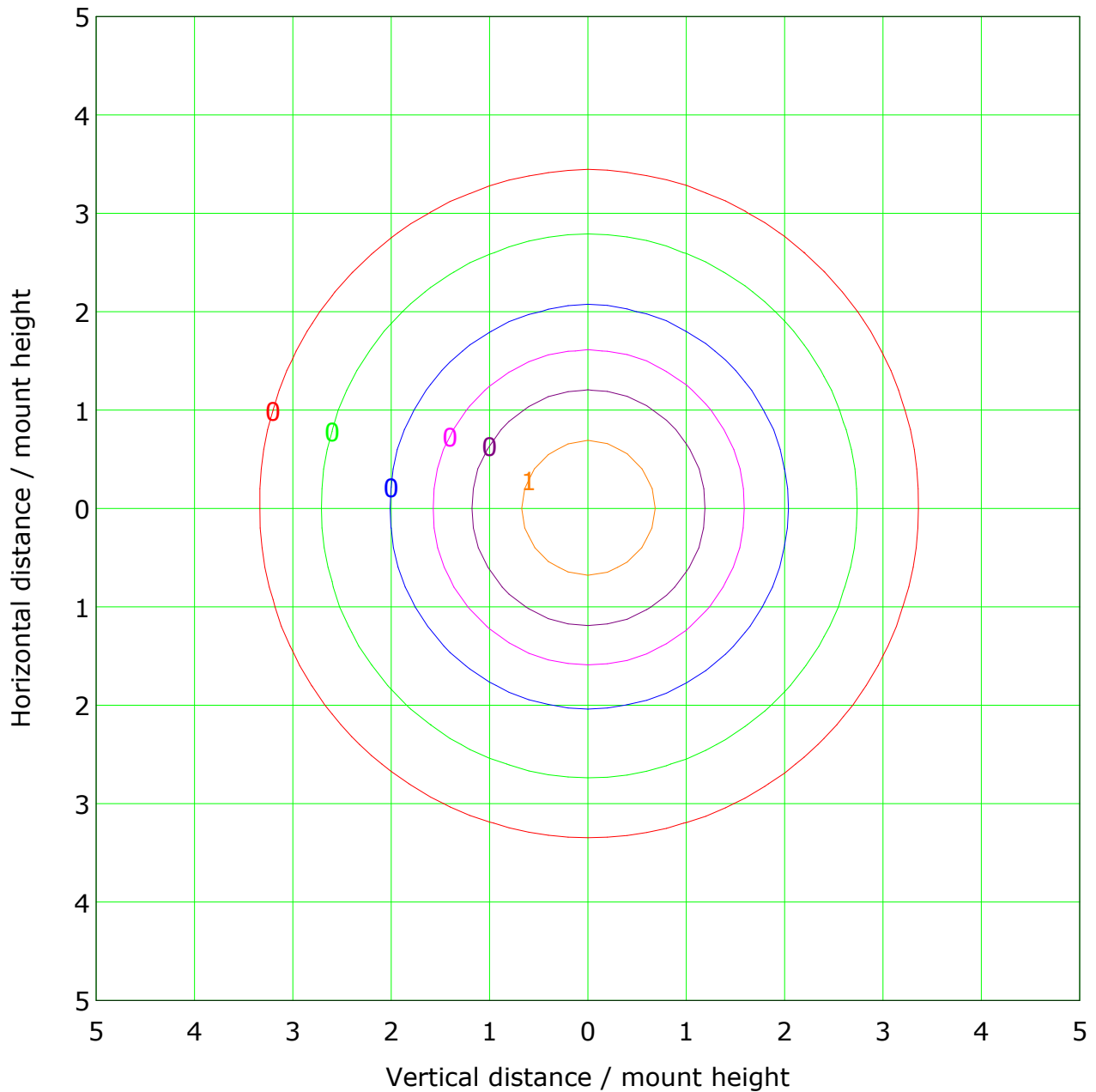
Test Device: GPM-1600L

Distance: 6.490 m [K=1.0000]

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 2.0 lx

(1%): 0.0 lx	(2%): 0.0 lx
(5%): 0.1 lx	(10%): 0.2 lx
(20%): 0.4 lx	(50%): 1.0 lx
(100%): 2.0 lx	

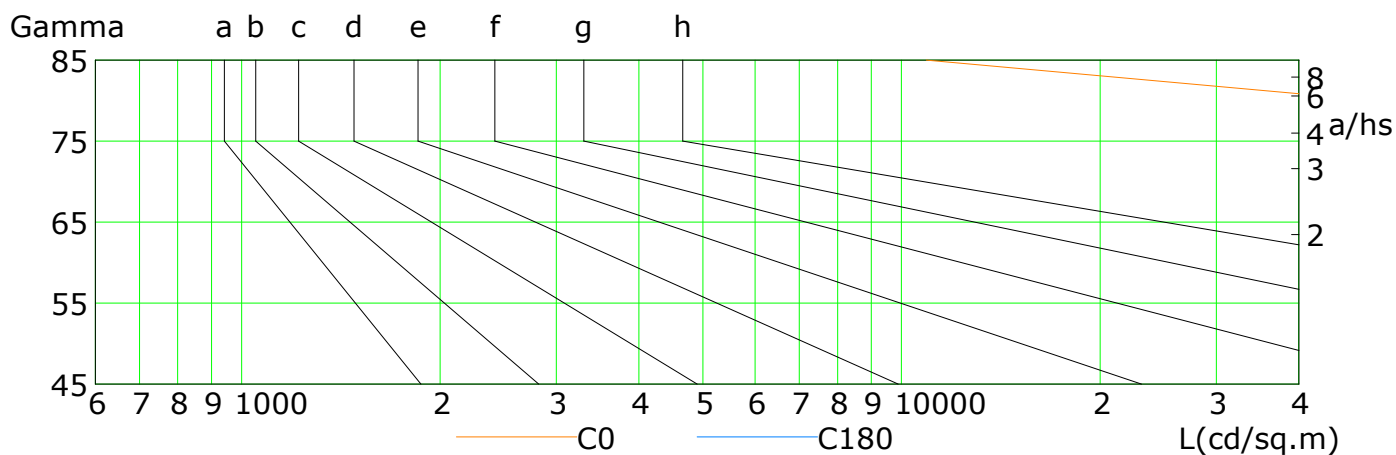
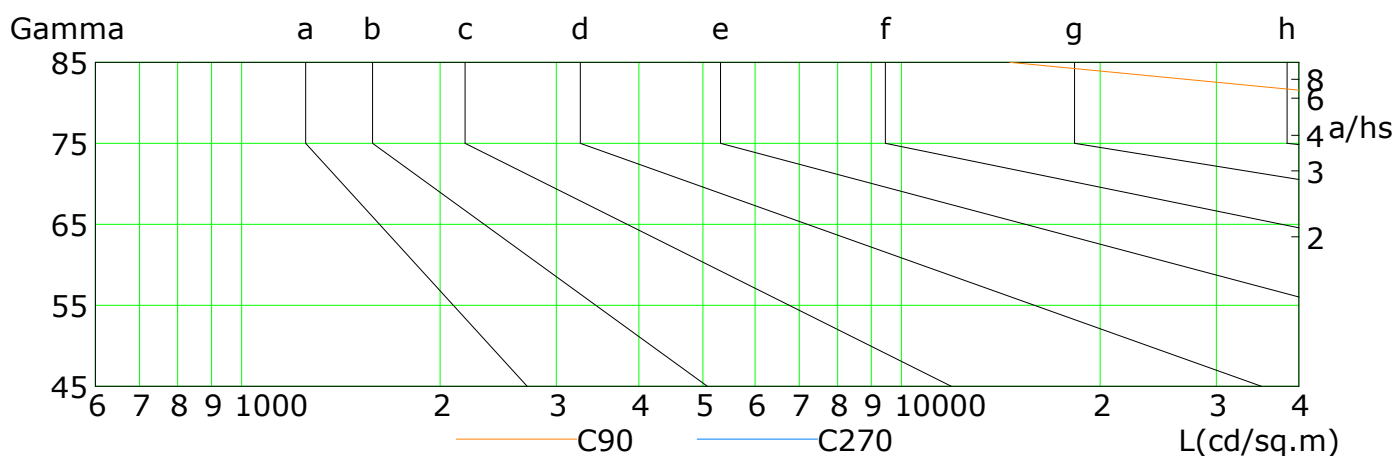
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator: 张宇哲

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

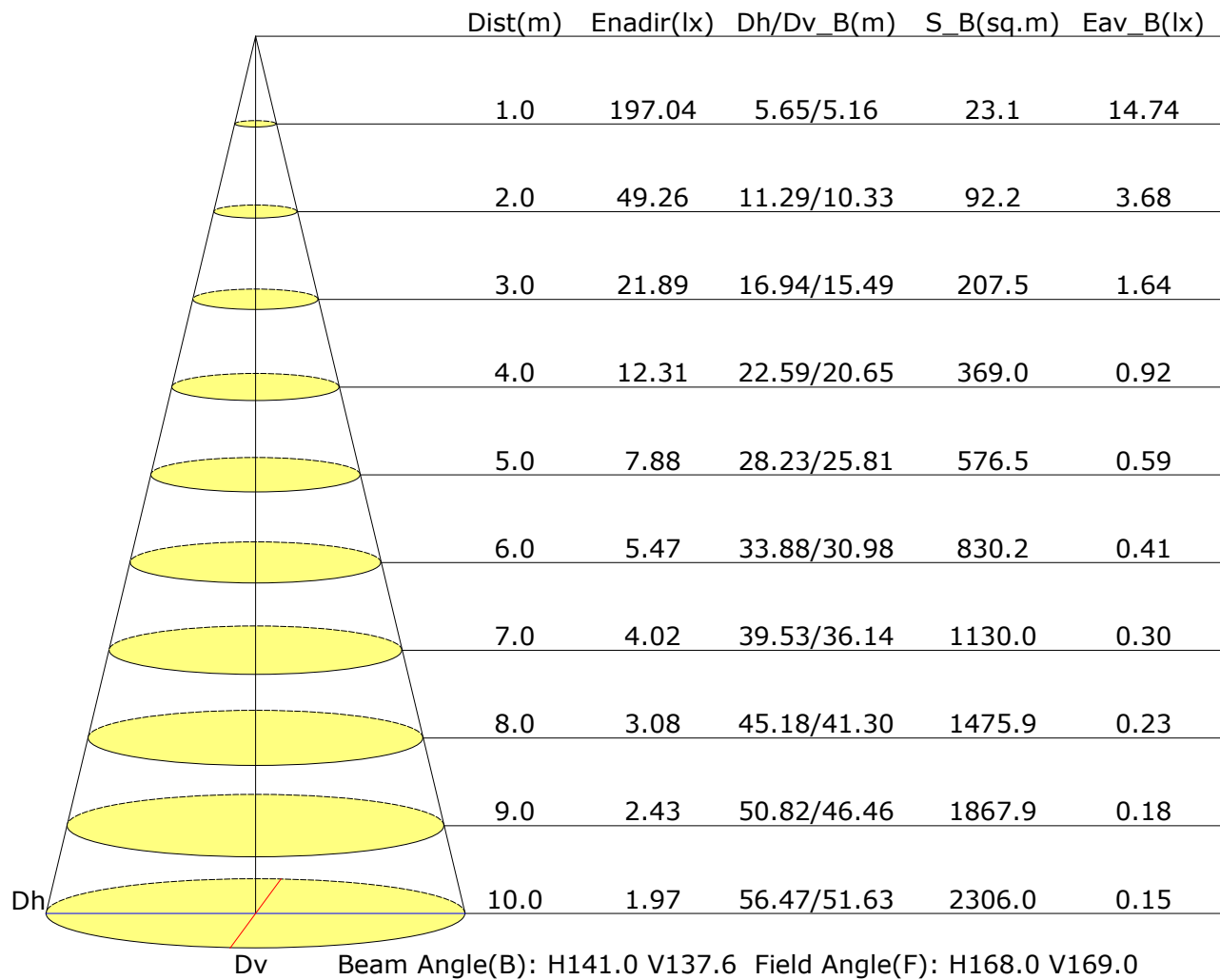


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	48220	49911	51901	54369	57534	61640	63600	52259	10909
C90	48497	50138	52045	54461	57550	61487	65550	63234	14603
C180	49315	51322	53593	56514	60360	65596	72569	75938	54044
C270	46940	48465	50194	52381	55223	59197	64886	70125	52172

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:

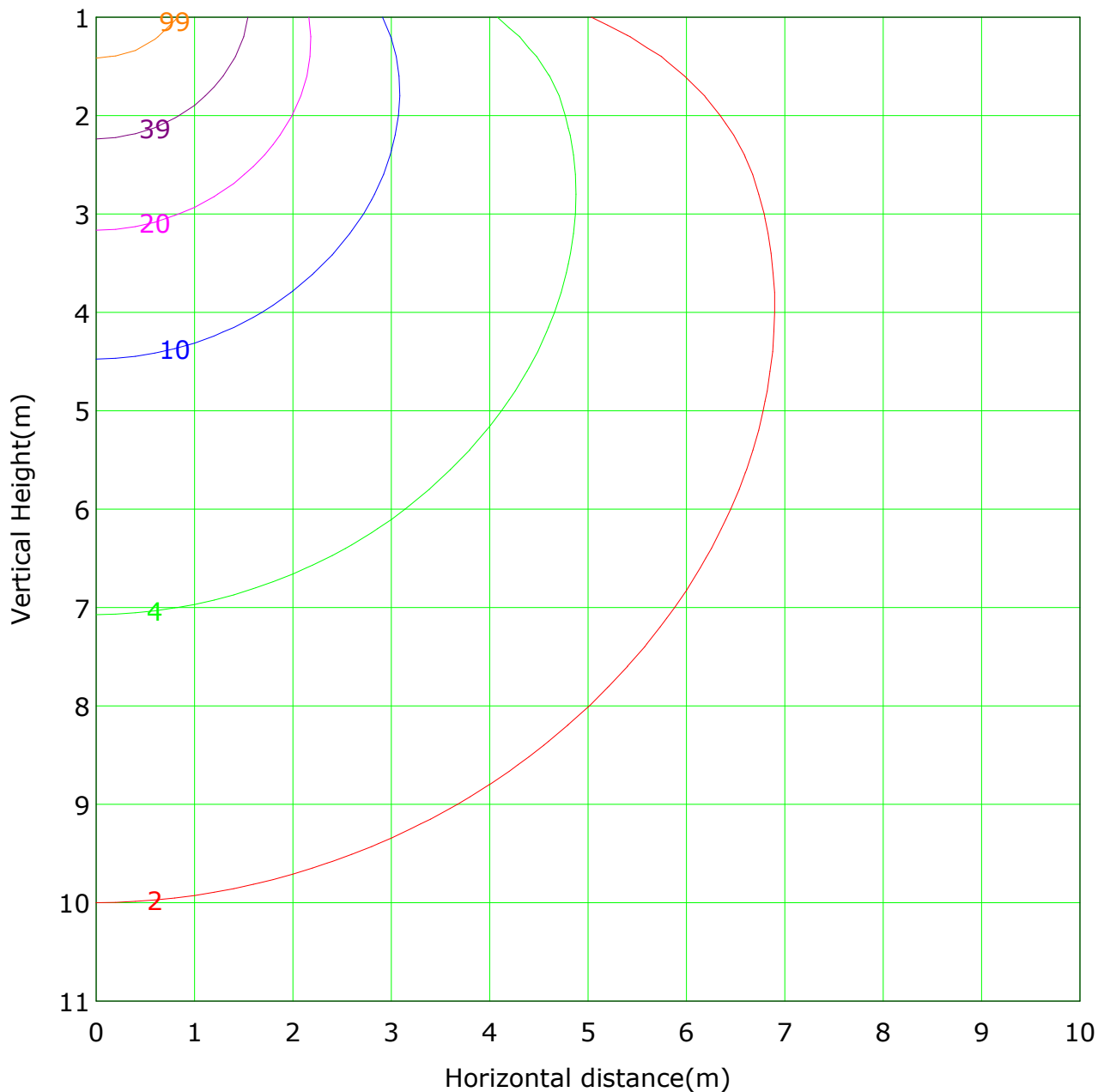
Illuminance at a Distance



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:

Vertical IsoLux Plot



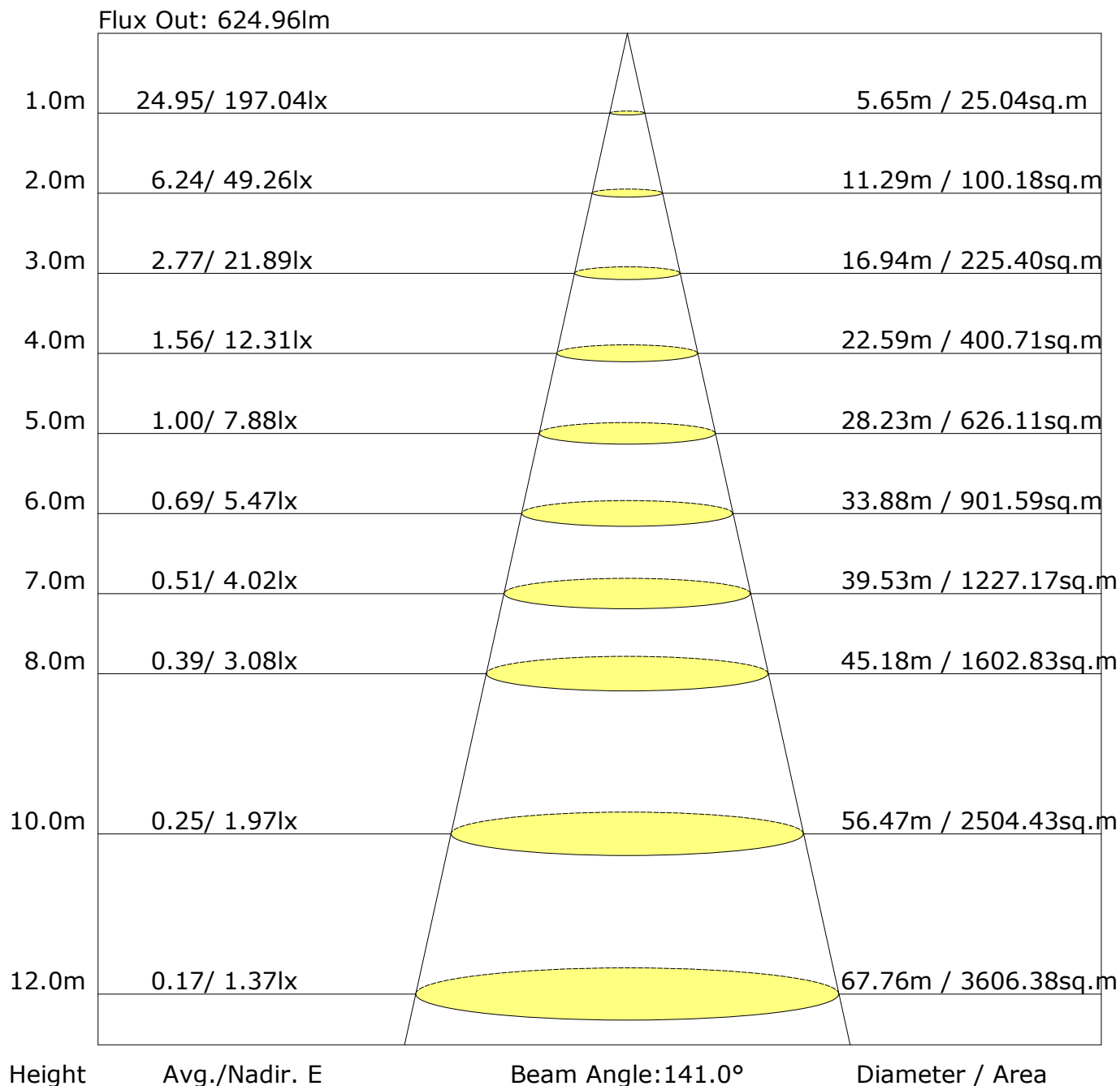
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 197.0 lx

(1%): 2.0 lx	(2%): 3.9 lx
(5%): 9.9 lx	(10%): 19.7 lx
(20%): 39.4 lx	(50%): 98.5 lx
(100%): 197.0 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:

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	26.5	28.0	26.9	28.3	28.6	26.5	28.0	26.8	28.2	28.5
3H	28.8	30.2	29.2	30.5	30.8	28.7	30.1	29.1	30.4	30.7
4H	29.9	31.1	30.2	31.5	31.8	29.8	31.1	30.2	31.4	31.7
6H	30.6	31.8	30.9	32.1	32.4	30.7	31.9	31.1	32.3	32.6
8H	30.7	31.8	31.1	32.2	32.5	31.0	32.2	31.4	32.5	32.9
12H	30.7	31.8	31.1	32.2	32.5	31.1	32.3	31.5	32.6	33.0
X=4H Y=2H	27.4	28.7	27.8	29.0	29.3	27.4	28.7	27.7	29.0	29.3
3H	29.9	31.0	30.3	31.4	31.7	29.8	30.9	30.2	31.3	31.7
4H	31.1	32.1	31.5	32.5	32.9	31.1	32.1	31.5	32.4	32.8
6H	31.9	32.8	32.3	33.2	33.6	32.1	33.0	32.5	33.4	33.8
8H	32.1	32.9	32.5	33.3	33.8	32.4	33.3	32.9	33.7	34.1
12H	32.1	32.8	32.6	33.3	33.7	32.6	33.3	33.1	33.8	34.3
X=8H Y=4H	31.5	32.4	32.0	32.8	33.2	31.5	32.4	32.0	32.8	33.2
6H	32.5	33.2	33.0	33.7	34.1	32.7	33.4	33.2	33.9	34.3
8H	32.7	33.3	33.2	33.8	34.3	33.1	33.7	33.6	34.2	34.7
12H	32.8	33.3	33.3	33.8	34.3	33.4	33.9	33.9	34.4	34.9
X=12H Y=4H	31.6	32.4	32.1	32.8	33.3	31.6	32.3	32.1	32.8	33.2
6H	32.6	33.2	33.1	33.7	34.2	32.8	33.4	33.3	33.9	34.4
8H	32.9	33.4	33.4	33.9	34.4	33.3	33.8	33.8	34.3	34.8
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 729lm ($8\log(F/F_0) = -1.1$).

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	356	48.9
	FL (0°-30°)	79	10.8
	FM (30°-60°)	175	24.0
	FH (60°-80°)	94	12.9
	FVH (80°-90°)	8	1.2
	BACK LIGHT	367	50.3
	BL (0°-30°)	79	10.9
	BM (30°-60°)	177	24.3
	BH (60°-80°)	99	13.5
	BVH (80°-90°)	12	1.7
	UP LIGHT	6	0.8
	UL (90°-100°)	0	0.1
	UH (100°-180°)	6	0.8
	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	196.9	0.2	0.2	0.03	0.03
1.0-2.0	196.9	0.6	0.8	0.08	0.10
2.0-3.0	196.8	0.9	1.7	0.13	0.23
3.0-4.0	196.7	1.3	3.0	0.18	0.41
4.0-5.0	196.5	1.7	4.7	0.23	0.65
5.0-6.0	196.3	2.1	6.8	0.28	0.93
6.0-7.0	196.0	2.4	9.2	0.33	1.26
7.0-8.0	195.7	2.8	12.0	0.38	1.65
8.0-9.0	195.3	3.2	15.2	0.43	2.08
9.0-10.0	195.0	3.5	18.7	0.48	2.56
10.0-11.0	194.5	3.9	22.6	0.53	3.10
11.0-12.0	194.0	4.2	26.8	0.58	3.68
12.0-13.0	193.5	4.6	31.4	0.63	4.31
13.0-14.0	193.0	4.9	36.4	0.68	4.99
14.0-15.0	192.4	5.3	41.6	0.72	5.71
15.0-16.0	191.7	5.6	47.3	0.77	6.48
16.0-17.0	191.1	6.0	53.2	0.82	7.30
17.0-18.0	190.4	6.3	59.5	0.86	8.16
18.0-19.0	189.6	6.6	66.1	0.91	9.07
19.0-20.0	188.8	6.9	73.0	0.95	10.02
20.0-21.0	188.0	7.2	80.2	0.99	11.01
21.0-22.0	187.2	7.5	87.7	1.03	12.04
22.0-23.0	186.3	7.8	95.6	1.07	13.11
23.0-24.0	185.3	8.1	103.7	1.11	14.22
24.0-25.0	184.4	8.4	112.0	1.15	15.37
25.0-26.0	183.4	8.7	120.7	1.19	16.56
26.0-27.0	182.3	8.9	129.6	1.22	17.78
27.0-28.0	181.3	9.2	138.8	1.26	19.04
28.0-29.0	180.2	9.4	148.2	1.29	20.34
29.0-30.0	179.0	9.7	157.9	1.33	21.66
30.0-31.0	177.8	9.9	167.8	1.36	23.02
31.0-32.0	176.6	10.1	177.9	1.39	24.41
32.0-33.0	175.4	10.3	188.2	1.42	25.83
33.0-34.0	174.1	10.5	198.8	1.45	27.27
34.0-35.0	172.8	10.7	209.5	1.47	28.75
35.0-36.0	171.5	10.9	220.4	1.50	30.24

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	170.1	11.1	231.5	1.52	31.77
37.0-38.0	168.6	11.3	242.8	1.54	33.31
38.0-39.0	167.2	11.4	254.2	1.57	34.88
39.0-40.0	165.7	11.6	265.8	1.59	36.46
40.0-41.0	164.2	11.7	277.5	1.60	38.07
41.0-42.0	162.6	11.8	289.3	1.62	39.69
42.0-43.0	161.0	11.9	301.2	1.64	41.32
43.0-44.0	159.3	12.0	313.2	1.65	42.97
44.0-45.0	157.7	12.1	325.3	1.66	44.64
45.0-46.0	155.9	12.2	337.5	1.67	46.31
46.0-47.0	154.1	12.3	349.8	1.68	47.99
47.0-48.0	152.3	12.3	362.1	1.69	49.68
48.0-49.0	150.4	12.4	374.5	1.69	51.38
49.0-50.0	148.5	12.4	386.8	1.70	53.08
50.0-51.0	146.5	12.4	399.2	1.70	54.78
51.0-52.0	144.4	12.4	411.6	1.70	56.48
52.0-53.0	142.4	12.4	424.0	1.70	58.18
53.0-54.0	140.2	12.4	436.4	1.70	59.87
54.0-55.0	138.0	12.3	448.7	1.69	61.56
55.0-56.0	135.7	12.3	461.0	1.68	63.25
56.0-57.0	133.4	12.2	473.2	1.67	64.92
57.0-58.0	131.1	12.1	485.3	1.66	66.58
58.0-59.0	128.7	12.0	497.3	1.65	68.23
59.0-60.0	126.3	11.9	509.3	1.64	69.87
60.0-61.0	123.8	11.8	521.1	1.62	71.49
61.0-62.0	121.3	11.7	532.8	1.60	73.10
62.0-63.0	118.7	11.5	544.3	1.58	74.68
63.0-64.0	116.0	11.4	555.7	1.56	76.24
64.0-65.0	113.3	11.2	566.9	1.54	77.78
65.0-66.0	110.6	11.0	578.0	1.51	79.30
66.0-67.0	107.8	10.8	588.8	1.49	80.78
67.0-68.0	104.9	10.6	599.4	1.46	82.24
68.0-69.0	102.0	10.4	609.8	1.43	83.67
69.0-70.0	99.0	10.2	620.0	1.40	85.06
70.0-71.0	95.9	9.9	629.9	1.36	86.42
71.0-72.0	92.5	9.6	639.5	1.32	87.74

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	89.0	9.3	648.8	1.28	89.02
73.0-74.0	85.3	9.0	657.8	1.23	90.25
74.0-75.0	81.3	8.6	666.4	1.18	91.43
75.0-76.0	77.2	8.2	674.6	1.12	92.55
76.0-77.0	72.6	7.7	682.3	1.06	93.62
77.0-78.0	67.5	7.2	689.6	0.99	94.61
78.0-79.0	61.9	6.7	696.2	0.91	95.52
79.0-80.0	55.6	6.0	702.2	0.82	96.34
80.0-81.0	48.7	5.3	707.5	0.72	97.07
81.0-82.0	41.4	4.5	712.0	0.62	97.68
82.0-83.0	34.1	3.7	715.7	0.51	98.19
83.0-84.0	26.4	2.9	718.5	0.39	98.59
84.0-85.0	17.8	1.9	720.5	0.27	98.85
85.0-86.0	10.5	1.1	721.6	0.16	99.01
86.0-87.0	5.7	0.6	722.3	0.09	99.09
87.0-88.0	2.4	0.3	722.5	0.04	99.13
88.0-89.0	1.0	0.1	722.6	0.02	99.15
89.0-90.0	0.6	0.1	722.7	0.01	99.16
90.0-91.0	0.5	0.1	722.8	0.01	99.16
91.0-92.0	0.4	0.0	722.8	0.01	99.17
92.0-93.0	0.4	0.0	722.8	0.01	99.17
93.0-94.0	0.4	0.0	722.9	0.01	99.18
94.0-95.0	0.4	0.0	722.9	0.01	99.19
95.0-96.0	0.4	0.0	723.0	0.01	99.19
96.0-97.0	0.5	0.0	723.0	0.01	99.20
97.0-98.0	0.5	0.1	723.1	0.01	99.21
98.0-99.0	0.5	0.1	723.1	0.01	99.21
99.0-100.0	0.5	0.1	723.2	0.01	99.22
100.0-101.0	0.5	0.1	723.2	0.01	99.23
101.0-102.0	0.5	0.1	723.3	0.01	99.24
102.0-103.0	0.6	0.1	723.4	0.01	99.25
103.0-104.0	0.6	0.1	723.4	0.01	99.26
104.0-105.0	0.6	0.1	723.5	0.01	99.26
105.0-106.0	0.6	0.1	723.6	0.01	99.27
106.0-107.0	0.7	0.1	723.6	0.01	99.28
107.0-108.0	0.7	0.1	723.7	0.01	99.29

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	723.8	0.01	99.30
109.0-110.0	0.7	0.1	723.9	0.01	99.31
110.0-111.0	0.7	0.1	723.9	0.01	99.32
111.0-112.0	0.8	0.1	724.0	0.01	99.33
112.0-113.0	0.8	0.1	724.1	0.01	99.35
113.0-114.0	0.8	0.1	724.2	0.01	99.36
114.0-115.0	0.8	0.1	724.3	0.01	99.37
115.0-116.0	0.9	0.1	724.3	0.01	99.38
116.0-117.0	0.9	0.1	724.4	0.01	99.39
117.0-118.0	0.9	0.1	724.5	0.01	99.41
118.0-119.0	0.9	0.1	724.6	0.01	99.42
119.0-120.0	1.0	0.1	724.7	0.01	99.43
120.0-121.0	1.0	0.1	724.8	0.01	99.44
121.0-122.0	1.0	0.1	724.9	0.01	99.46
122.0-123.0	1.0	0.1	725.0	0.01	99.47
123.0-124.0	1.0	0.1	725.1	0.01	99.48
124.0-125.0	1.1	0.1	725.2	0.01	99.50
125.0-126.0	1.1	0.1	725.3	0.01	99.51
126.0-127.0	1.1	0.1	725.4	0.01	99.52
127.0-128.0	1.1	0.1	725.5	0.01	99.54
128.0-129.0	1.1	0.1	725.6	0.01	99.55
129.0-130.0	1.2	0.1	725.7	0.01	99.56
130.0-131.0	1.2	0.1	725.8	0.01	99.58
131.0-132.0	1.2	0.1	725.9	0.01	99.59
132.0-133.0	1.2	0.1	726.0	0.01	99.60
133.0-134.0	1.2	0.1	726.1	0.01	99.62
134.0-135.0	1.3	0.1	726.2	0.01	99.63
135.0-136.0	1.3	0.1	726.3	0.01	99.65
136.0-137.0	1.3	0.1	726.4	0.01	99.66
137.0-138.0	1.3	0.1	726.5	0.01	99.67
138.0-139.0	1.3	0.1	726.6	0.01	99.69
139.0-140.0	1.3	0.1	726.7	0.01	99.70
140.0-141.0	1.3	0.1	726.8	0.01	99.71
141.0-142.0	1.4	0.1	726.8	0.01	99.72
142.0-143.0	1.4	0.1	726.9	0.01	99.74
143.0-144.0	1.4	0.1	727.0	0.01	99.75

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=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	1.4	0.1	727.1	0.01	99.76
145.0-146.0	1.4	0.1	727.2	0.01	99.77
146.0-147.0	1.4	0.1	727.3	0.01	99.78
147.0-148.0	1.5	0.1	727.4	0.01	99.80
148.0-149.0	1.5	0.1	727.5	0.01	99.81
149.0-150.0	1.5	0.1	727.5	0.01	99.82
150.0-151.0	1.5	0.1	727.6	0.01	99.83
151.0-152.0	1.5	0.1	727.7	0.01	99.84
152.0-153.0	1.5	0.1	727.8	0.01	99.85
153.0-154.0	1.5	0.1	727.9	0.01	99.86
154.0-155.0	1.5	0.1	727.9	0.01	99.87
155.0-156.0	1.5	0.1	728.0	0.01	99.88
156.0-157.0	1.5	0.1	728.1	0.01	99.89
157.0-158.0	1.5	0.1	728.1	0.01	99.90
158.0-159.0	1.6	0.1	728.2	0.01	99.91
159.0-160.0	1.6	0.1	728.2	0.01	99.92
160.0-161.0	1.6	0.1	728.3	0.01	99.92
161.0-162.0	1.6	0.1	728.4	0.01	99.93
162.0-163.0	1.6	0.1	728.4	0.01	99.94
163.0-164.0	1.6	0.0	728.5	0.01	99.95
164.0-165.0	1.6	0.0	728.5	0.01	99.95
165.0-166.0	1.6	0.0	728.6	0.01	99.96
166.0-167.0	1.6	0.0	728.6	0.01	99.96
167.0-168.0	1.6	0.0	728.6	0.01	99.97
168.0-169.0	1.6	0.0	728.7	0.00	99.97
169.0-170.0	1.6	0.0	728.7	0.00	99.98
170.0-171.0	1.6	0.0	728.7	0.00	99.98
171.0-172.0	1.6	0.0	728.8	0.00	99.99
172.0-173.0	1.6	0.0	728.8	0.00	99.99
173.0-174.0	1.7	0.0	728.8	0.00	99.99
174.0-175.0	1.7	0.0	728.8	0.00	99.99
175.0-176.0	1.6	0.0	728.8	0.00	100.00
176.0-177.0	1.6	0.0	728.8	0.00	100.00
177.0-178.0	1.7	0.0	728.9	0.00	100.00
178.0-179.0	1.7	0.0	728.9	0.00	100.00
179.0-180.0	1.7	0.0	728.9	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°): 325.34 lm

%lum = 44.6%
%lamp = 44.6%

cone flux(120°): 509.26 lm

%lum = 69.9%
%lamp = 69.9%

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	197.0	196.8	197.0	196.8	197.0					
G1.0	197.1	196.8	197.1	196.7	197.1					
G2.0	196.9	196.8	197.2	196.6	196.9					
G3.0	196.7	196.7	197.1	196.4	196.7					
G4.0	196.7	196.6	196.9	196.2	196.7					
G5.0	196.4	196.5	196.8	196.0	196.4					
G6.0	196.1	196.3	196.6	195.6	196.1					
G7.0	195.7	196.1	196.4	195.3	195.7					
G8.0	195.4	195.8	196.0	194.9	195.4					
G9.0	194.9	195.4	195.8	194.4	194.9					
G10.0	194.6	195.1	195.4	193.9	194.6					
G11.0	194.0	194.6	195.0	193.4	194.0					
G12.0	193.5	194.3	194.6	192.8	193.5					
G13.0	192.9	193.8	194.2	192.2	192.9					
G14.0	192.3	193.2	193.6	191.6	192.3					
G15.0	191.7	192.6	193.1	190.8	191.7					
G16.0	191.1	192.1	192.5	190.1	191.1					
G17.0	190.3	191.4	191.9	189.3	190.3					
G18.0	189.6	190.7	191.3	188.6	189.6					
G19.0	188.8	189.9	190.4	187.6	188.8					
G20.0	188.1	189.2	189.8	186.7	188.1					
G21.0	187.3	188.4	189.0	185.8	187.3					
G22.0	186.4	187.6	188.2	184.8	186.4					
G23.0	185.4	186.6	187.3	183.9	185.4					
G24.0	184.5	185.7	186.5	182.8	184.5					
G25.0	183.5	184.8	185.5	181.7	183.5					
G26.0	182.5	183.7	184.7	180.6	182.5					
G27.0	181.4	182.6	183.7	179.5	181.4					
G28.0	180.3	181.6	182.6	178.3	180.3					
G29.0	179.2	180.5	181.5	177.0	179.2					
G30.0	178.1	179.3	180.5	175.8	178.1					
G31.0	176.8	178.1	179.4	174.6	176.8					
G32.0	175.8	177.0	178.2	173.1	175.8					
G33.0	174.4	175.7	177.1	171.8	174.4					
G34.0	173.1	174.4	175.9	170.4	173.1					
G35.0	171.8	173.0	174.7	169.0	171.8					
G36.0	170.5	171.8	173.4	167.6	170.5					

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 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	169.2	170.3	172.0	165.9	169.2					
G38.0	167.7	168.9	170.8	164.4	167.7					
G39.0	166.2	167.5	169.4	162.9	166.2					
G40.0	164.6	165.8	167.9	161.1	164.6					
G41.0	163.3	164.4	166.6	159.6	163.3					
G42.0	161.6	162.7	165.1	157.9	161.6					
G43.0	160.0	160.9	163.5	156.1	160.0					
G44.0	158.3	159.4	161.9	154.5	158.3					
G45.0	156.7	157.6	160.3	152.6	156.7					
G46.0	154.8	155.8	158.7	150.9	154.8					
G47.0	153.1	153.8	157.0	149.0	153.1					
G48.0	151.2	151.9	155.2	147.1	151.2					
G49.0	149.3	150.2	153.3	145.1	149.3					
G50.0	147.5	148.1	151.6	143.2	147.5					
G51.0	145.3	145.9	149.6	141.0	145.3					
G52.0	143.3	143.9	147.7	139.0	143.3					
G53.0	141.3	141.8	145.5	136.6	141.3					
G54.0	138.9	139.5	143.5	134.5	138.9					
G55.0	136.8	137.2	141.3	132.3	136.8					
G56.0	134.4	134.8	139.1	130.0	134.4					
G57.0	132.2	132.6	136.9	127.6	132.2					
G58.0	129.9	130.1	134.5	125.1	129.9					
G59.0	127.3	127.6	132.2	122.7	127.3					
G60.0	124.9	125.2	129.9	120.4	124.9					
G61.0	122.6	122.6	127.3	117.7	122.6					
G62.0	119.7	119.9	124.9	115.2	119.7					
G63.0	117.2	117.3	122.4	112.8	117.2					
G64.0	114.5	114.5	119.8	109.9	114.5					
G65.0	111.8	111.8	117.3	107.3	111.8					
G66.0	109.1	108.9	114.4	104.3	109.1					
G67.0	106.1	105.9	111.7	101.7	106.1					
G68.0	103.1	103.1	108.9	98.9	103.1					
G69.0	100.2	99.9	106.0	96.0	100.2					
G70.0	96.9	96.7	103.1	93.1	96.9					
G71.0	93.3	93.6	100.3	90.1	93.3					
G72.0	89.1	89.7	96.9	86.8	89.1					
G73.0	85.2	86.3	93.9	83.8	85.2					

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

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

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	80.8	82.6	89.9	80.3	80.8					
G75.0	75.7	78.0	86.3	77.2	75.7					
G76.0	70.7	73.8	82.1	73.6	70.7					
G77.0	64.7	68.9	77.6	69.7	64.7					
G78.0	57.5	63.4	72.5	65.6	57.5					
G79.0	50.2	57.7	67.1	61.1	50.2					
G80.0	41.7	50.5	60.6	56.0	41.7					
G81.0	32.6	43.5	53.8	50.9	32.6					
G82.0	24.1	36.4	45.7	44.5	24.1					
G83.0	17.8	28.0	38.1	37.8	17.8					
G84.0	11.2	18.8	29.2	30.3	11.2					
G85.0	4.4	5.8	21.6	20.9	4.4					
G86.0	2.2	2.1	15.7	11.0	2.2					
G87.0	1.1	0.8	8.9	3.5	1.1					
G88.0	0.6	0.3	3.0	1.3	0.6					
G89.0	0.5	0.4	1.7	0.5	0.5					
G90.0	0.4	0.4	0.9	0.3	0.4					
G91.0	0.5	0.4	0.4	0.3	0.5					
G92.0	0.4	0.4	0.4	0.3	0.4					
G93.0	0.5	0.4	0.4	0.3	0.5					
G94.0	0.5	0.4	0.4	0.4	0.5					
G95.0	0.5	0.4	0.4	0.3	0.5					
G96.0	0.5	0.5	0.4	0.4	0.5					
G97.0	0.6	0.5	0.4	0.4	0.6					
G98.0	0.6	0.5	0.4	0.4	0.6					
G99.0	0.6	0.5	0.4	0.4	0.6					
G100.0	0.6	0.6	0.5	0.5	0.6					
G101.0	0.6	0.6	0.4	0.4	0.6					
G102.0	0.7	0.6	0.5	0.5	0.7					
G103.0	0.7	0.6	0.5	0.6	0.7					
G104.0	0.7	0.6	0.5	0.6	0.7					
G105.0	0.7	0.7	0.6	0.6	0.7					
G106.0	0.7	0.7	0.6	0.6	0.7					
G107.0	0.8	0.7	0.6	0.6	0.8					
G108.0	0.8	0.8	0.6	0.7	0.8					
G109.0	0.8	0.8	0.7	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=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

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

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

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:

LED Average Luminance Report

Avg.L	cd/m ²
L 0-180(65) av	58947.23
L 0-180(75) av	68084.65
L 0-180(85) av	32476.46
L 90-270(65) av	56386.10
L 90-270(75) av	65218.20
L 90-270(85) av	33387.60
L 45(65) av	57666.66
L 45(75) av	66651.42
L 45(85) av	32932.03

Standard: GB/T 29293-2012