



71923

LED Decorative Linear Wrap



RoHS

0-10V Dimmable



QPL ID #
PJQS5FD5



Model:		71923
OVERALL LAMP PARAMETERS	Input Voltage	120-277 VAC 60HZ
	Input Current	.36A Max @ 120V; 0.20A Max @ 277V
	Input Power	40W
	Power Factor	PF>0.98
	Luminance	5,250 LM
	Luminous Efficiency	130 LM/W
	CRI	>83
	Beam Angle	H: 95° V: 71°
	SDCM	<7
	UGR	<19
LED DRIVER	Brand	Arcata 2835
	Output Voltage	12-24 VDC
	Output Current	1.2A
	Driver Efficiency	88%
LED	LED Manufacturer	Edison
	LED Type	2835 SMD
	LED Quantity	238 PCS
	LED Efficacy	140 LM/W
	Color Temperature	4000K
	Output Current	50mA Max; 37.5mA Applied
LIFESPAN & ENVIRONMENT	Lifespan	50,000+ Hrs.
	Warranty	5 Years
	IP Rating	IP21 Dry Locations
	Operating Temperature	-20°C---+40°C
	Storage Temperature, Humidity	-40°C---+80°C , 10---90% RH
SAFETY&EMC	Safety Norms	UL1598, UL8750, EN60598, EN61347-2-13, EN62031, EN62471
	Withstand Voltage	I/P-PG: 2121VDC
	Grounding Resistance	25A 100mΩ
	Electromagnetic Compatibility	EN55015, EN61000-2-3, EN61000-3-3, EN61547
OTHERS	Dimension	Pls refer to attached dimension drawing
	Net Weight	0.68G
	Gross Weight	0.88G
	Qty / Carton 纸箱	6 PCS
	Volume	0.530m³/carton
	Housing Color	White
	Main Structure	Aluminium Frame + Polystyrene Lens

Report No.:

Test Time: 2017-01-04 16:37

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: LED

Luminaire Description: 71923

Lamp Catalog: 2835/ACT

Luminous Length (mm): 1176

Luminous Height (mm): 80

Current: 0.366 A

Power Factor: 0.992

Lamp Description: 2835/4000K

Luminous Width (mm): 70

Voltage: 119.4 V

Power: 43.33 W

Photometric Results

CIE Class: Direct

Measurement Flux: 5415.3 lm

Downward Ratio: 99%

Field Angle: H152.4 V137.0

Luminaire Efficacy Rating (LER): 125

Max. Intensity: 2705.27 cd

Total Rated Lamp Lumens: 5415.3 lm

Efficiency: 100%

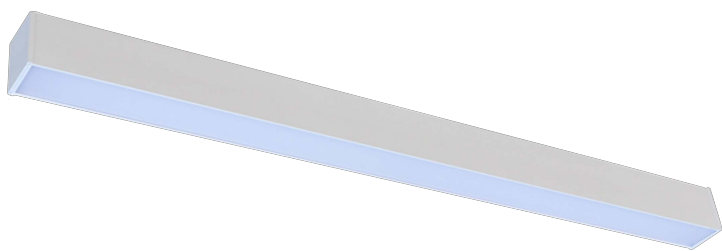
Upward Ratio: 1%

Beam Angle: H95.8 V72.3

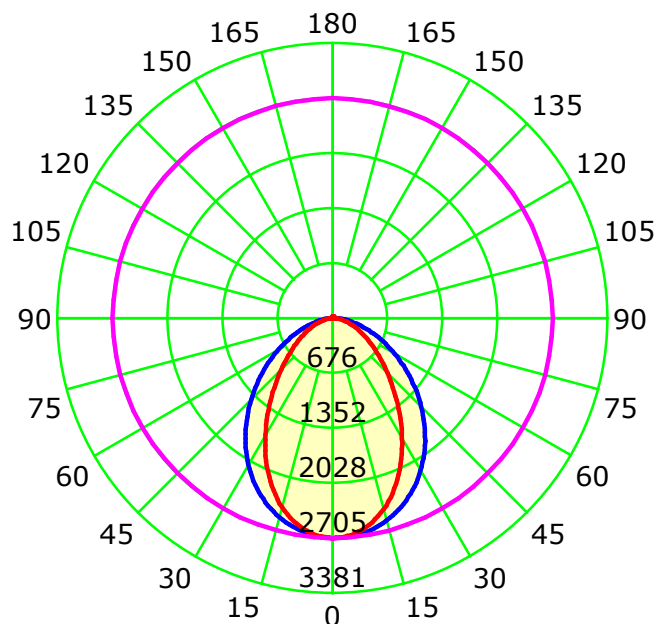
Central Intensity: 2705.26 cd

Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

— C0-C180 — C90-C270 — G0

C Plane (°): 0.0-360.0: 30.0

Test Lab: JIANGMEN

Test Type: TYPE C

Temperature: 35

Operator: R

Gamma Plane (°): 0.0-180.0: 1.0

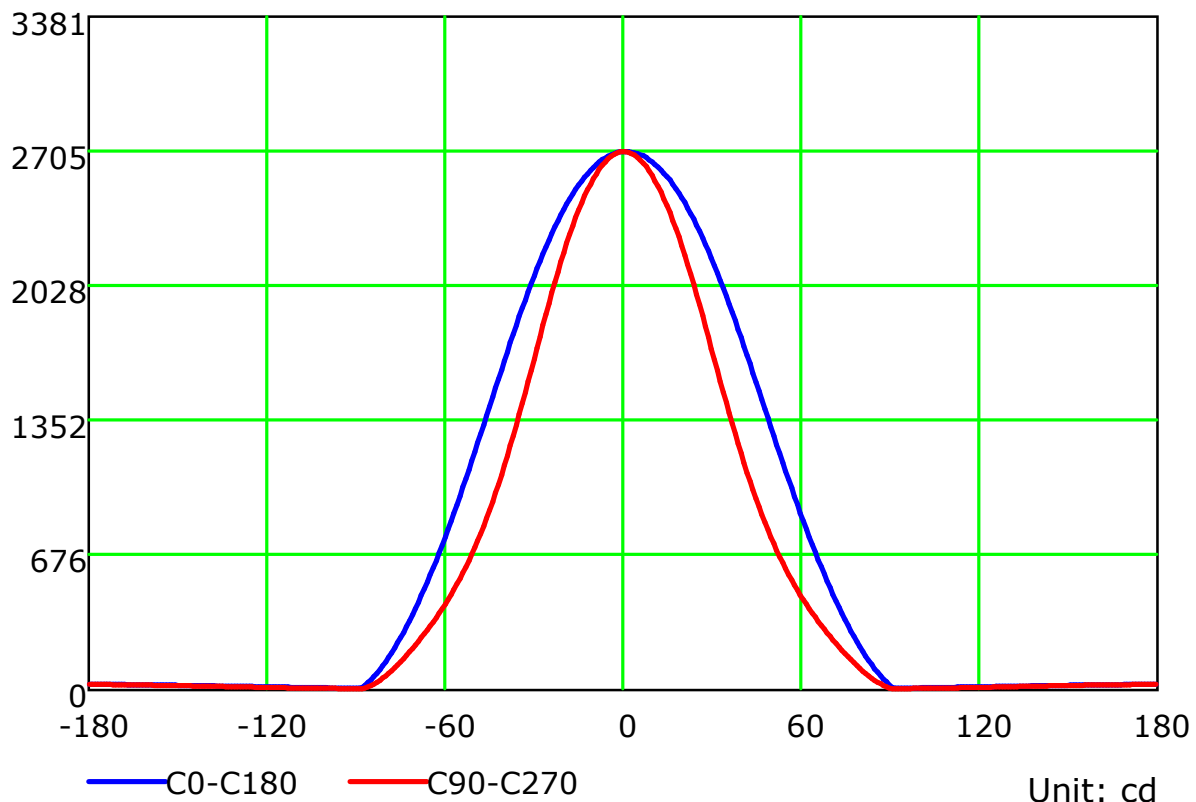
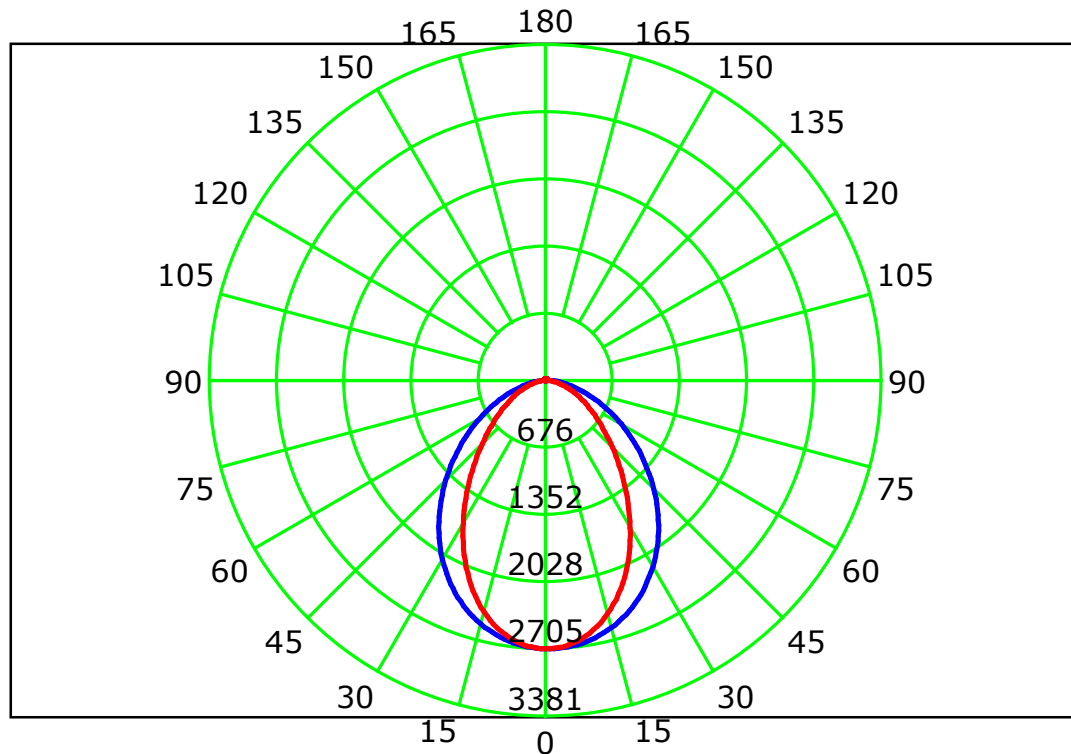
Test Device: GPM-1600L

Distance: 8.690 m

Humidity: 45-75

Inspector:

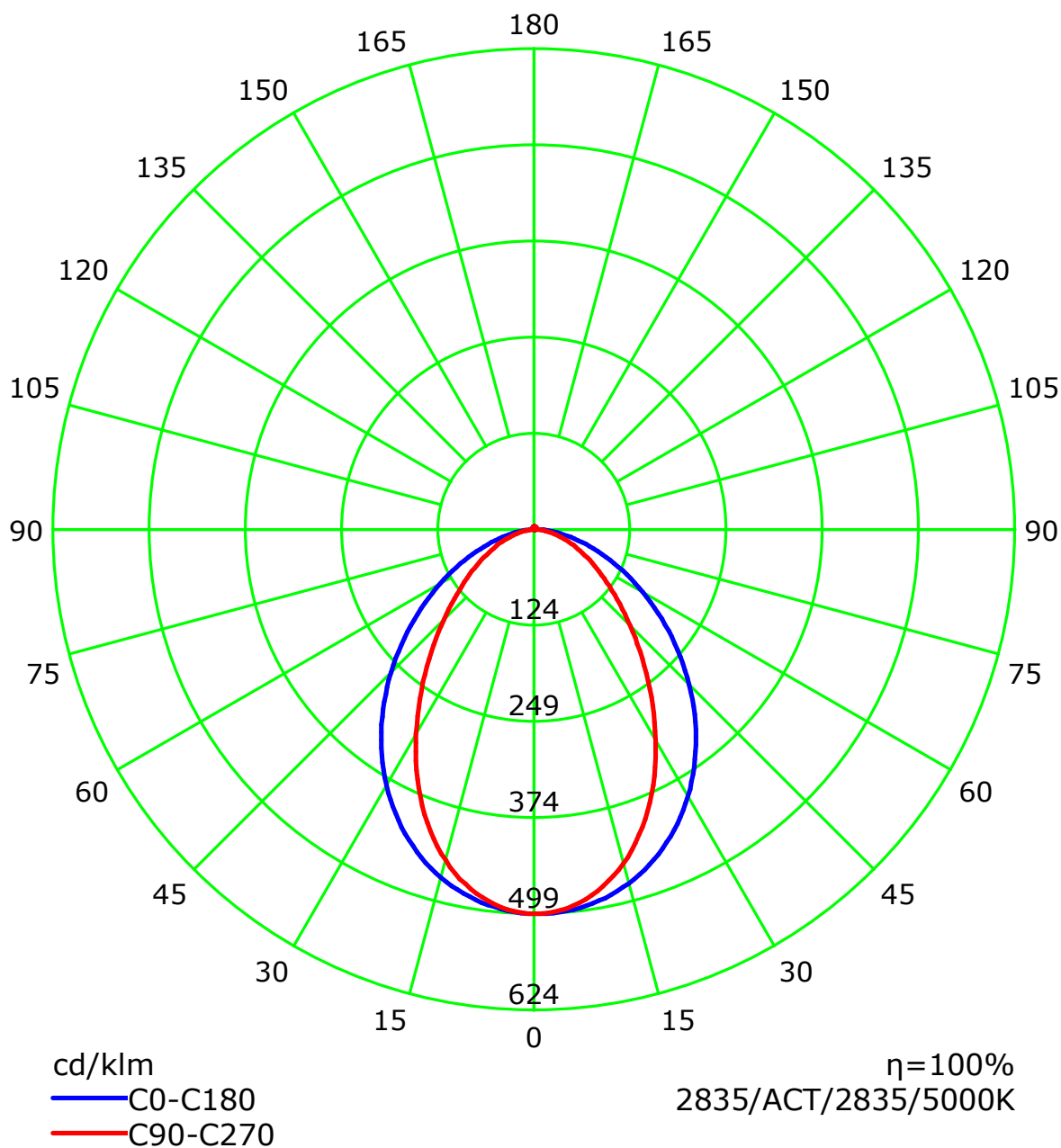
Luminous Intensity Distribution Curve



C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



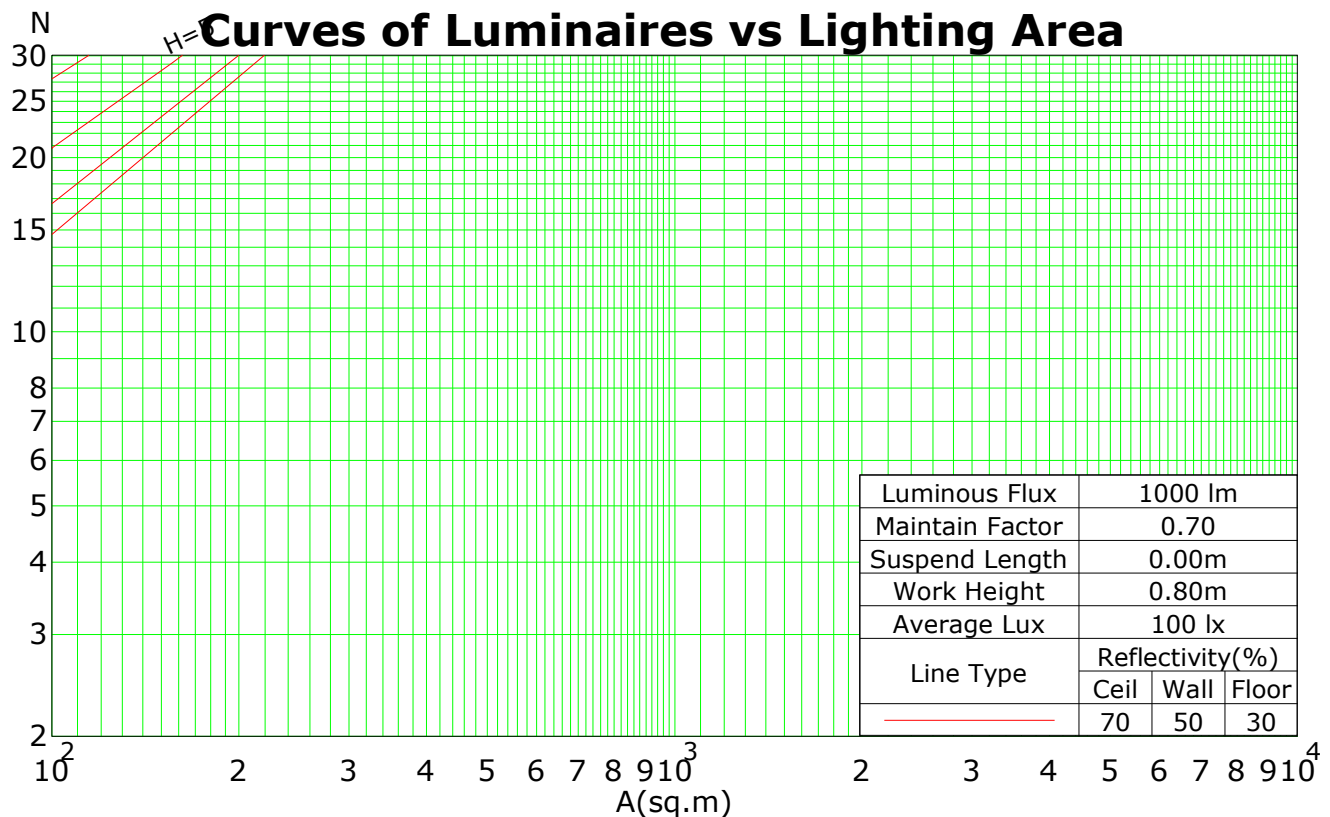
Coefficients Of Utilization - Zonal Cavity Method

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	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99
1	110	106	102	98	107	103	100	97	99	96	93	95	92	90	91	89	88	85
2	101	94	88	82	98	92	86	81	88	83	79	85	81	77	81	78	75	73
3	93	83	76	70	90	82	75	70	79	73	68	76	71	67	73	69	66	64
4	86	75	67	61	84	74	66	60	71	65	59	69	63	58	66	62	58	56
5	80	68	59	53	77	67	59	53	64	58	52	62	56	52	60	55	51	49
6	74	62	53	47	72	61	53	47	59	52	47	57	51	46	55	50	46	44
7	69	56	48	42	67	55	48	42	54	47	42	52	46	41	51	45	41	39
8	64	52	44	38	63	51	43	38	50	43	38	48	42	38	47	41	37	35
9	60	48	40	35	59	47	40	35	46	39	34	45	39	34	44	38	34	32
10	57	44	37	32	56	44	37	32	43	36	32	42	36	31	41	35	31	30

Spacing Criteria (0-180): 1.17

Spacing Criteria (90-270): 0.99

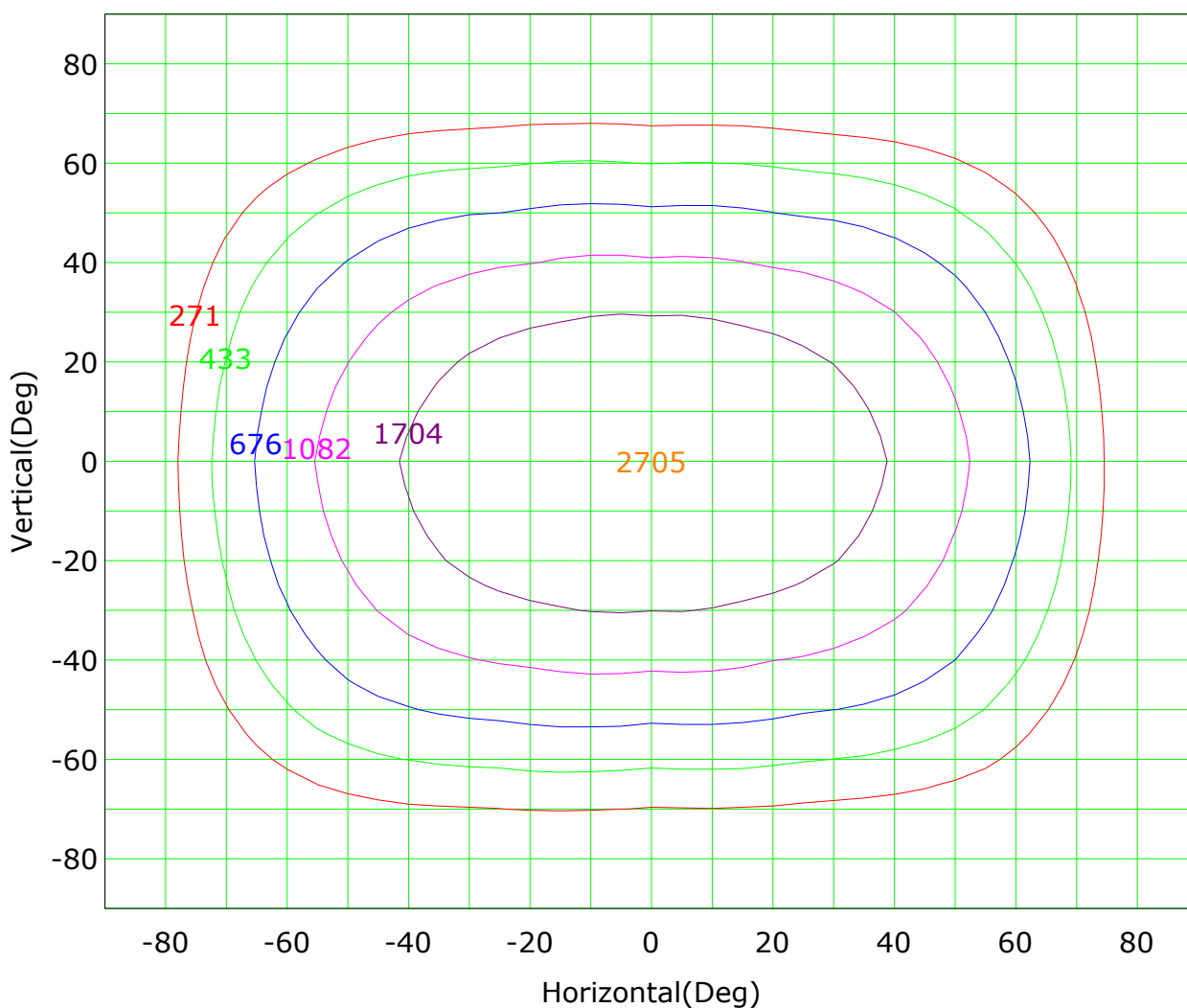
Spacing Criteria (Diagonal): 1.15



C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

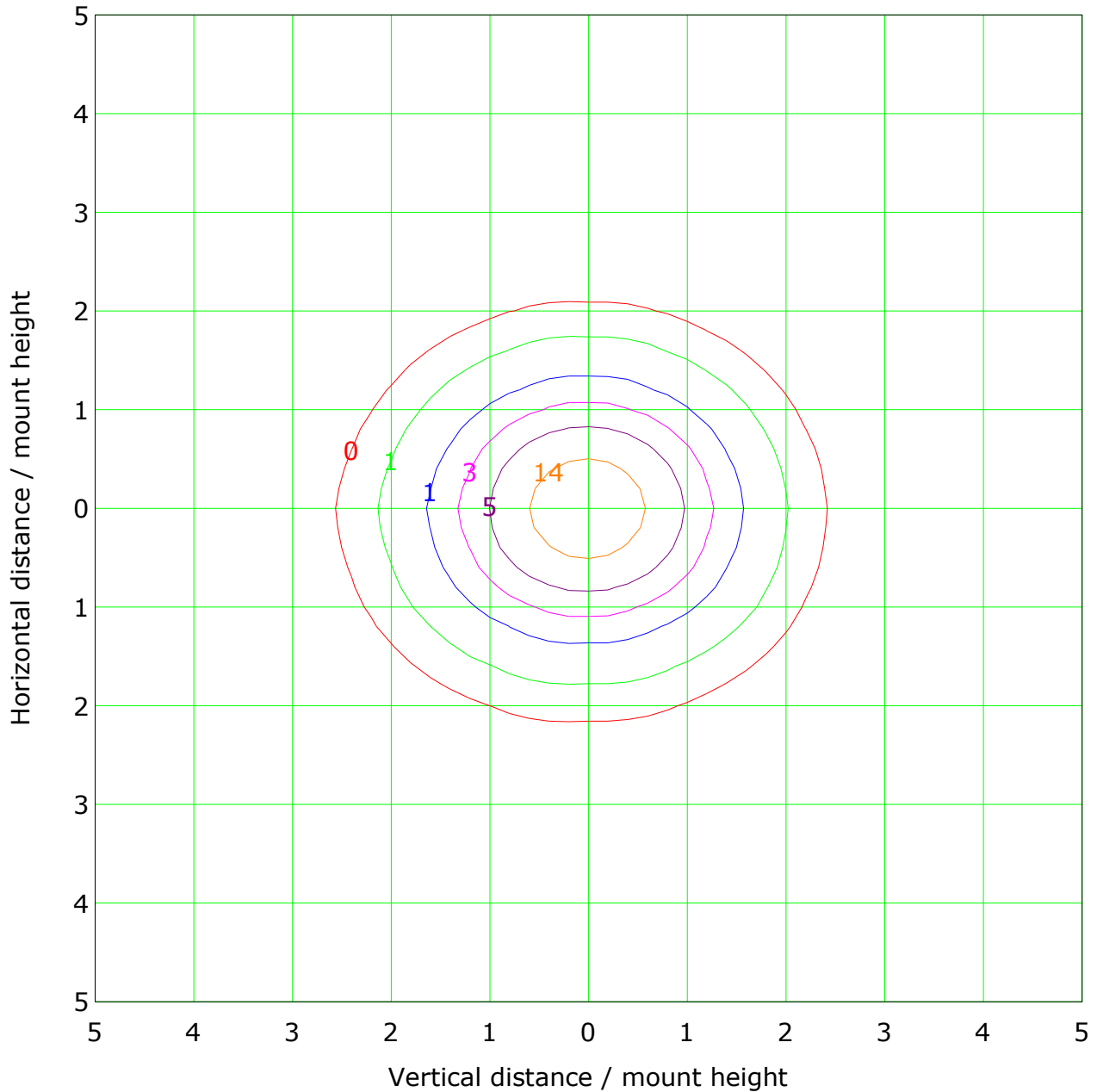
Isocandela (rectangle)


 I_{max} (100%): 2705 cd

(10%): 271 cd
 (25%): 676 cd
 (63%): 1704 cd

(16%): 433 cd
 (40%): 1082 cd
 (100%): 2705 cd

IsoLux Plot



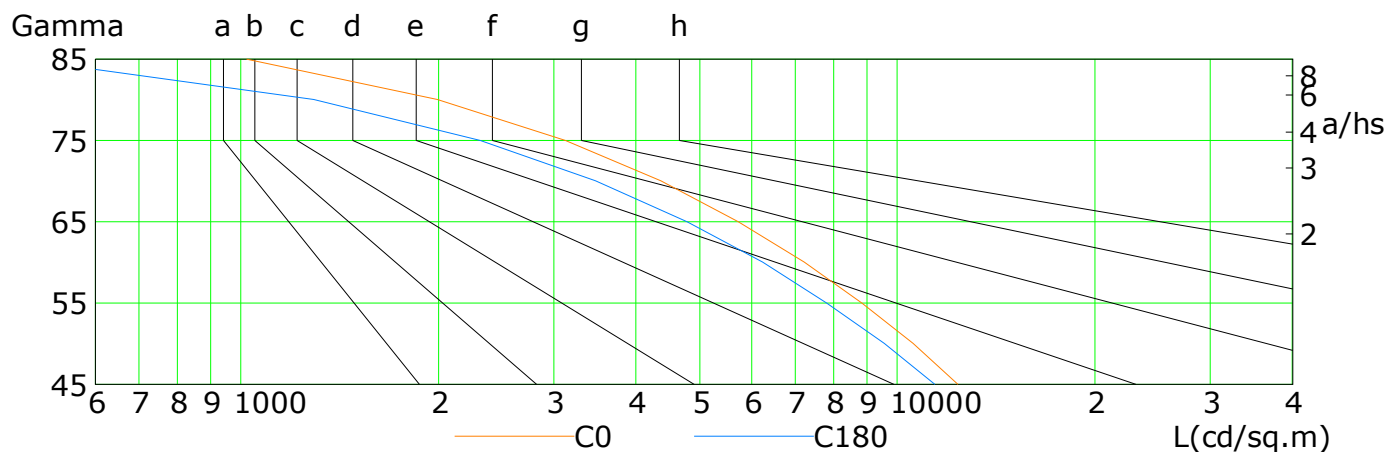
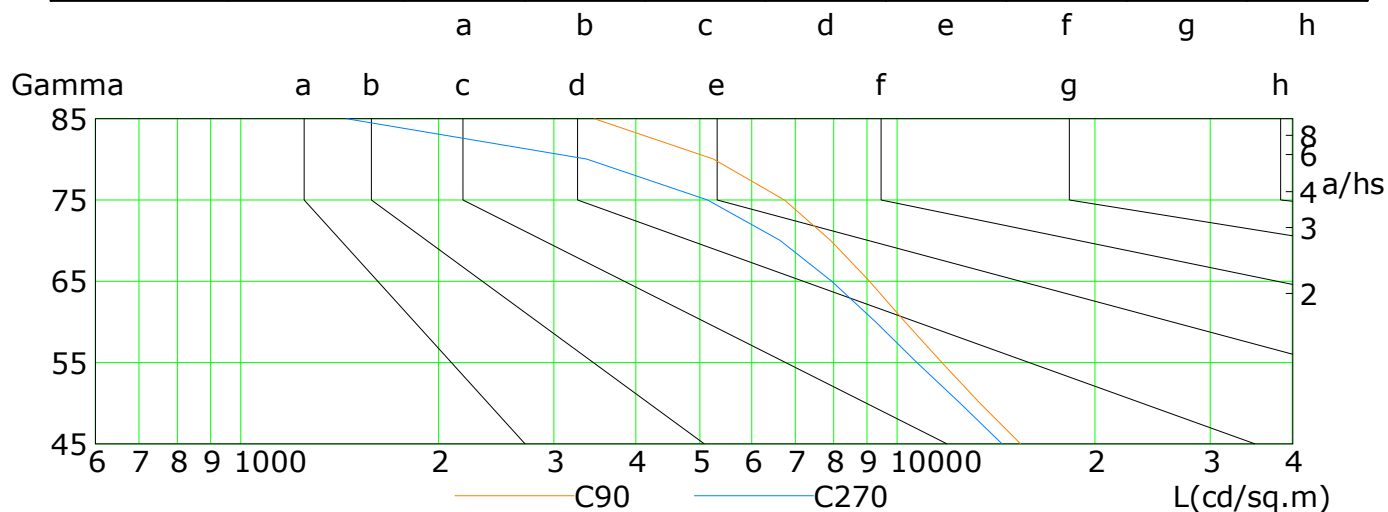
Mounting Height: 10.0m Max Lux(100%): 27.1 lx	
(1%): 0.3 lx	(2%): 0.5 lx
(5%): 1.4 lx	(10%): 2.7 lx
(20%): 5.4 lx	(50%): 13.5 lx
(100%): 27.1 lx	

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Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
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

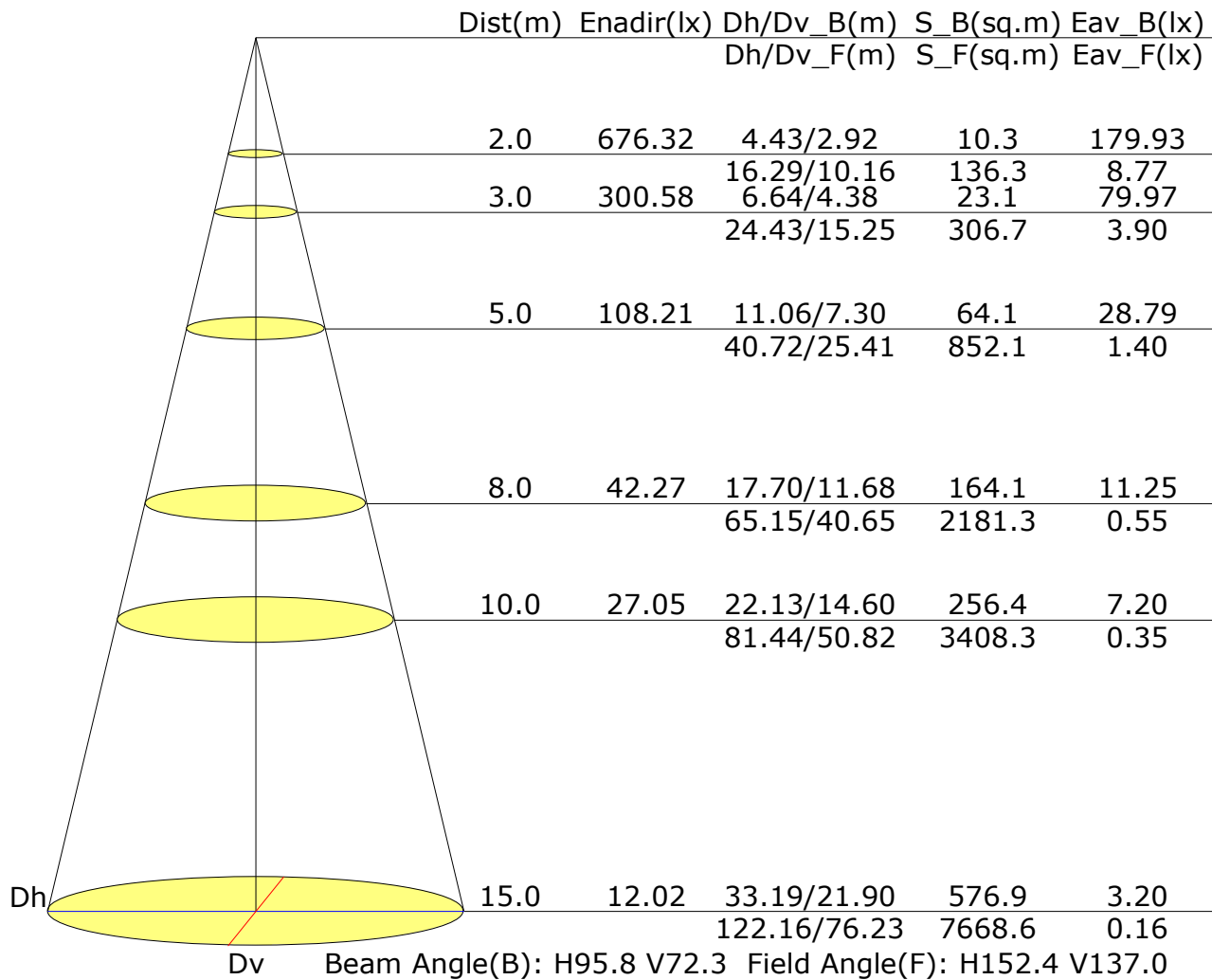


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	12386	10562	8836	7221	5732	4368	3121	1991	1021
C90	15415	13362	11703	10272	9078	7915	6725	5249	3459
C180	11401	9545	7804	6239	4787	3474	2314	1291	464
C270	14454	12449	10727	9270	7951	6632	5140	3364	1449

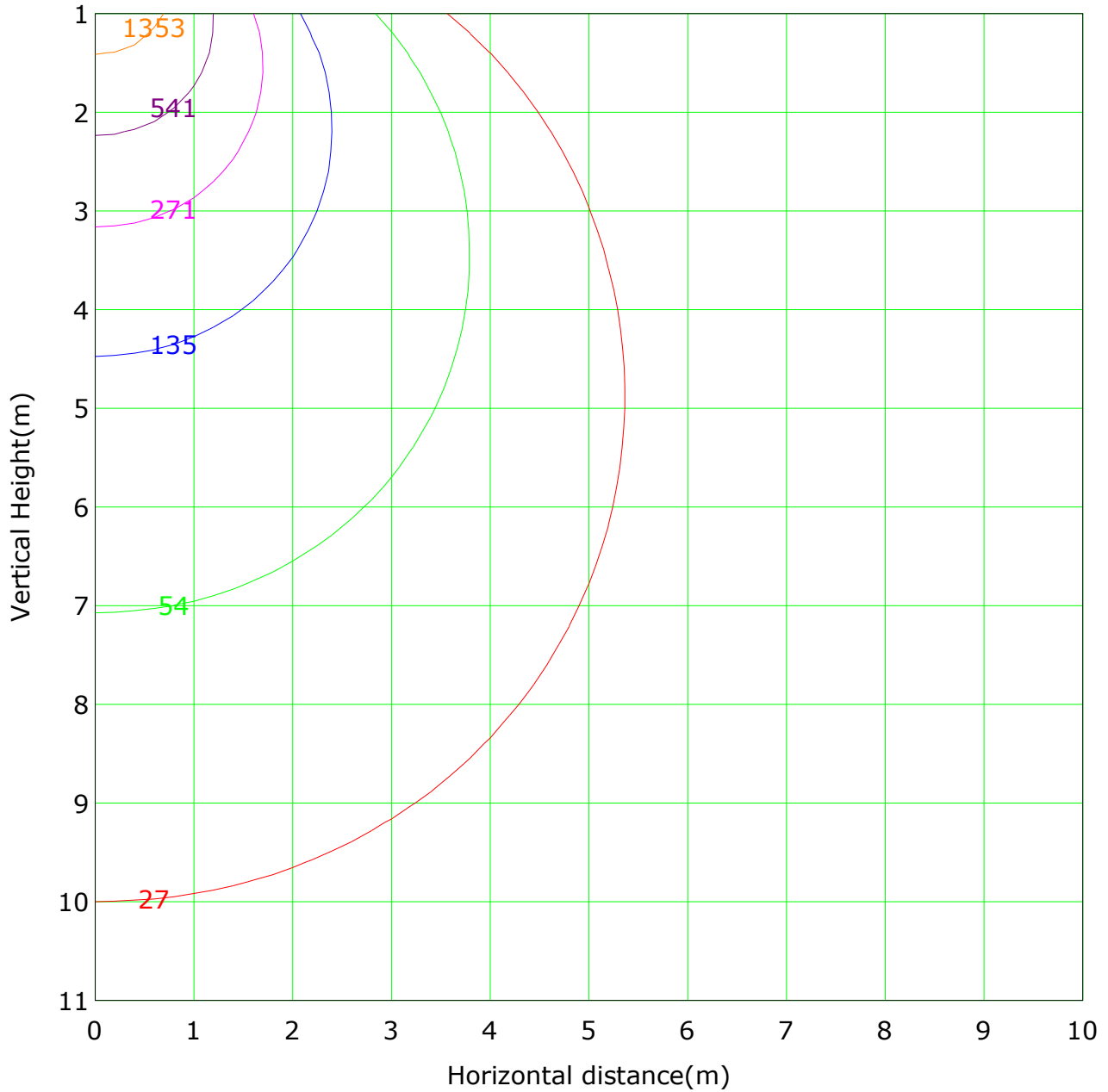
C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

Illuminance at a Distance



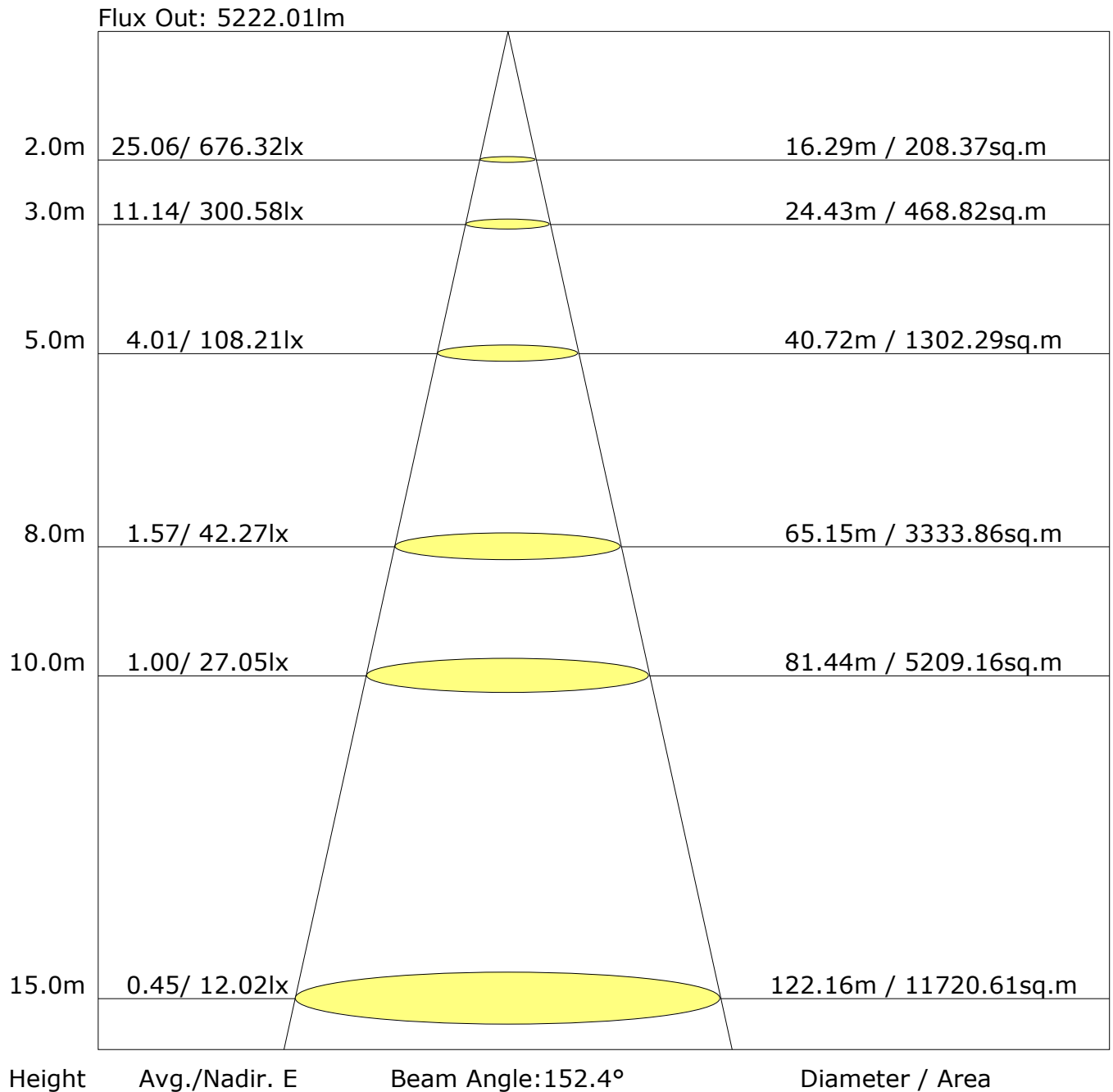
Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 2705.3 lx

— (1%): 27.1 lx	— (2%): 54.1 lx
— (5%): 135.3 lx	— (10%): 270.5 lx
— (20%): 541.1 lx	— (50%): 1352.6 lx
— (100%): 2705.3 lx	

The Average Illuminance Effective Figure



UGR Table

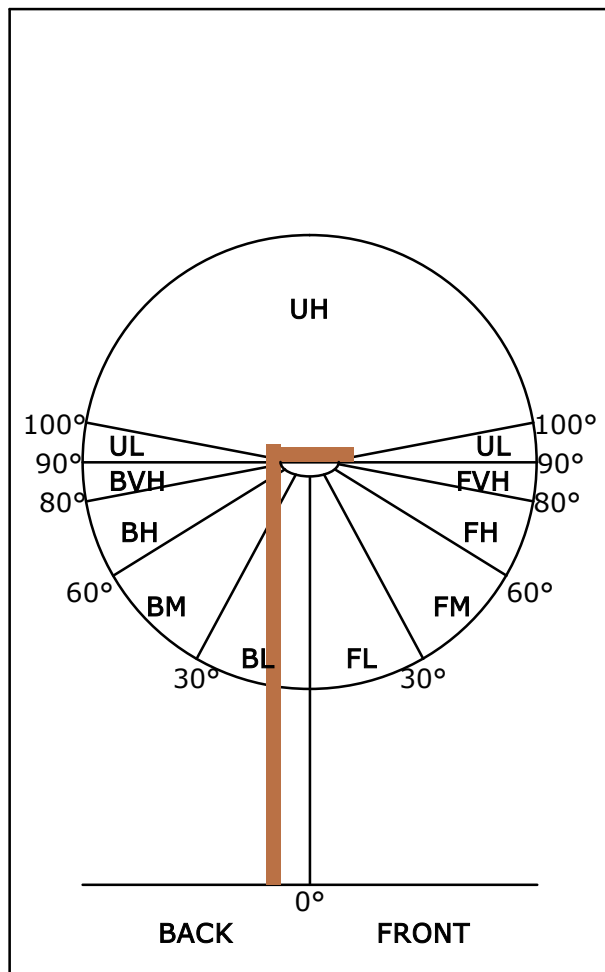
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	15.0	16.5	15.4	16.8	17.2	10.4	11.8	10.8	12.2	12.5
3H	16.6	17.9	17.0	18.3	18.7	11.4	12.7	11.8	13.0	13.4
4H	17.2	18.4	17.6	18.8	19.2	11.6	12.9	12.1	13.3	13.7
6H	17.6	18.7	18.0	19.1	19.5	11.8	12.9	12.2	13.3	13.7
8H	17.7	18.8	18.2	19.2	19.6	11.8	12.9	12.2	13.3	13.7
12H	17.8	18.8	18.3	19.2	19.7	11.8	12.8	12.2	13.2	13.7
X=4H Y=2H	15.1	16.3	15.5	16.7	17.1	11.2	12.4	11.6	12.8	13.2
3H	16.8	17.8	17.2	18.2	18.7	12.3	13.3	12.7	13.7	14.2
4H	17.5	18.4	17.9	18.8	19.3	12.6	13.6	13.1	14.0	14.5
6H	18.0	18.8	18.4	19.2	19.7	12.8	13.6	13.3	14.1	14.6
8H	18.1	18.9	18.6	19.3	19.8	12.9	13.6	13.3	14.1	14.6
12H	18.2	18.9	18.8	19.4	19.9	12.9	13.5	13.4	14.0	14.5
X=8H Y=4H	17.4	18.2	17.9	18.6	19.1	13.0	13.7	13.5	14.2	14.7
6H	18.0	18.6	18.5	19.1	19.6	13.2	13.8	13.7	14.4	14.9
8H	18.2	18.7	18.7	19.3	19.8	13.3	13.8	13.8	14.4	14.9
12H	18.3	18.8	18.9	19.3	19.9	13.3	13.8	13.8	14.3	14.9
X=12H Y=4H	17.4	18.1	17.9	18.6	19.1	13.0	13.7	13.5	14.2	14.7
6H	17.9	18.5	18.5	19.0	19.6	13.3	13.8	13.8	14.3	14.9
8H	18.2	18.6	18.7	19.2	19.8	13.4	13.8	13.9	14.4	15.0

Calculate in accordance with CIE 190:2010

C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	2736	50.5
FL (0°-30°)	970	17.9
FM (30°-60°)	1357	25.1
FH (60°-80°)	373	6.9
FVH (80°-90°)	37	0.7
BACK LIGHT	2610	48.2
BL (0°-30°)	958	17.7
BM (30°-60°)	1299	24.0
BH (60°-80°)	330	6.1
BVH (80°-90°)	23	0.4
UP LIGHT	68	1.3
UL (90°-100°)	5	0.1
UH (100°-180°)	64	1.2
TRAPPED LIGHT	NA	NA

BUG(Backlight, Uplight, Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I, II, III, IV)	B2 U2 G1
Quadrilateral Symmetrical Luminaire Types (Type V, Area Light)	B2 U2 G1

C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.00									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.62	0.72	0.78	0.83	0.90	0.95	0.98	1.02	1.05	
	0.30		0.54	0.65	0.72	0.77	0.85	0.90	0.93	0.98	1.02	
	0.20		0.49	0.59	0.66	0.72	0.80	0.86	0.90	0.95	0.99	
0.50	0.50	0.20	0.60	0.69	0.76	0.81	0.87	0.91	0.94	0.98	1.00	
	0.30		0.53	0.63	0.70	0.75	0.82	0.87	0.90	0.95	0.98	
	0.20		0.49	0.59	0.66	0.71	0.78	0.83	0.87	0.92	0.95	
0.30	0.50	0.20	0.58	0.67	0.74	0.78	0.84	0.88	0.91	0.94	0.96	
	0.30		0.53	0.62	0.69	0.73	0.80	0.84	0.88	0.92	0.94	
	0.20		0.48	0.58	0.65	0.70	0.77	0.81	0.85	0.89	0.92	
0.00	0.00	0.00	0.46	0.55	0.62	0.66	0.73	0.78	0.81	0.85	0.87	
Rating:43W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.00									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.92	0.75	0.64	0.55	0.44	0.36	0.31	0.24	0.19	
	0.30		0.77	0.64	0.55	0.49	0.40	0.33	0.28	0.22	0.18	
	0.20		0.66	0.56	0.49	0.44	0.36	0.31	0.27	0.21	0.18	
0.50	0.50	0.20	0.88	0.72	0.61	0.53	0.41	0.38	0.29	0.22	0.18	
	0.30		0.75	0.62	0.54	0.47	0.38	0.32	0.27	0.21	0.17	
	0.20		0.65	0.55	0.48	0.43	0.35	0.29	0.26	0.20	0.17	
0.30	0.50	0.20	0.85	0.69	0.58	0.50	0.39	0.32	0.28	0.21	0.17	
	0.30		0.73	0.61	0.52	0.45	0.36	0.30	0.26	0.20	0.17	
	0.20		0.64	0.54	0.47	0.42	0.34	0.28	0.25	0.19	0.16	
0.00	0.00	0.00	0.53	0.44	0.37	0.33	0.26	0.21	0.18	0.14	0.12	
Rating: 43W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.00									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.23	
	0.30		0.11	0.12	0.14	0.15	0.16	0.18	0.18	0.20	0.20	
	0.20		0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.17	0.18	
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.17	0.18	
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.21	
	0.30		0.10	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.16	0.17	
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Rating:43W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	2701.9	2.6	2.6	0.05	0.05
1.0-2.0	2700.2	7.8	10.3	0.14	0.19
2.0-3.0	2696.2	12.9	23.2	0.24	0.43
3.0-4.0	2690.1	18.0	41.2	0.33	0.76
4.0-5.0	2682.6	23.1	64.3	0.43	1.19
5.0-6.0	2672.9	28.1	92.4	0.52	1.71
6.0-7.0	2661.1	33.0	125.5	0.61	2.32
7.0-8.0	2647.7	37.9	163.4	0.70	3.02
8.0-9.0	2632.0	42.7	206.0	0.79	3.80
9.0-10.0	2614.6	47.3	253.3	0.87	4.68
10.0-11.0	2595.4	51.9	305.2	0.96	5.64
11.0-12.0	2574.3	56.3	361.5	1.04	6.68
12.0-13.0	2551.8	60.6	422.1	1.12	7.79
13.0-14.0	2527.2	64.7	486.7	1.19	8.99
14.0-15.0	2500.7	68.7	555.4	1.27	10.26
15.0-16.0	2473.1	72.5	627.9	1.34	11.59
16.0-17.0	2443.3	76.1	704.0	1.41	13.00
17.0-18.0	2411.3	79.5	783.5	1.47	14.47
18.0-19.0	2378.2	82.8	866.2	1.53	16.00
19.0-20.0	2343.6	85.8	952.0	1.58	17.58
20.0-21.0	2307.6	88.6	1040.7	1.64	19.22
21.0-22.0	2270.0	91.2	1131.9	1.68	20.90
22.0-23.0	2230.4	93.6	1225.5	1.73	22.63
23.0-24.0	2189.7	95.7	1321.2	1.77	24.40
24.0-25.0	2148.1	97.7	1418.9	1.80	26.20
25.0-26.0	2105.4	99.4	1518.3	1.84	28.04
26.0-27.0	2061.4	100.9	1619.2	1.86	29.90
27.0-28.0	2015.9	102.1	1721.3	1.88	31.79
28.0-29.0	1970.4	103.1	1824.4	1.90	33.69
29.0-30.0	1924.1	103.9	1928.3	1.92	35.61
30.0-31.0	1876.5	104.4	2032.7	1.93	37.54
31.0-32.0	1828.7	104.8	2137.5	1.93	39.47
32.0-33.0	1780.9	104.9	2242.4	1.94	41.41
33.0-34.0	1732.6	104.9	2347.3	1.94	43.35
34.0-35.0	1683.9	104.6	2451.9	1.93	45.28
35.0-36.0	1635.2	104.1	2556.0	1.92	47.20

C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	1586.4	103.5	2659.5	1.91	49.11
37.0-38.0	1537.9	102.7	2762.2	1.90	51.01
38.0-39.0	1489.8	101.7	2863.9	1.88	52.88
39.0-40.0	1441.9	100.6	2964.4	1.86	54.74
40.0-41.0	1394.2	99.3	3063.7	1.83	56.58
41.0-42.0	1346.7	97.9	3161.6	1.81	58.38
42.0-43.0	1300.6	96.4	3257.9	1.78	60.16
43.0-44.0	1254.6	94.7	3352.7	1.75	61.91
44.0-45.0	1209.2	92.9	3445.6	1.72	63.63
45.0-46.0	1164.8	91.1	3536.7	1.68	65.31
46.0-47.0	1120.9	89.2	3625.9	1.65	66.96
47.0-48.0	1078.0	87.2	3713.0	1.61	68.57
48.0-49.0	1036.0	85.1	3798.1	1.57	70.14
49.0-50.0	994.8	83.0	3881.1	1.53	71.67
50.0-51.0	954.5	80.8	3961.8	1.49	73.16
51.0-52.0	915.1	78.5	4040.4	1.45	74.61
52.0-53.0	876.5	76.3	4116.6	1.41	76.02
53.0-54.0	838.8	73.9	4190.6	1.37	77.38
54.0-55.0	802.2	71.6	4262.2	1.32	78.71
55.0-56.0	766.3	69.3	4331.4	1.28	79.99
56.0-57.0	731.3	66.9	4398.3	1.23	81.22
57.0-58.0	697.5	64.5	4462.8	1.19	82.41
58.0-59.0	664.3	62.1	4524.9	1.15	83.56
59.0-60.0	631.8	59.7	4584.6	1.10	84.66
60.0-61.0	600.3	57.3	4641.9	1.06	85.72
61.0-62.0	569.4	54.9	4696.8	1.01	86.73
62.0-63.0	539.2	52.5	4749.2	0.97	87.70
63.0-64.0	510.1	50.1	4799.3	0.92	88.62
64.0-65.0	481.6	47.7	4847.0	0.88	89.51
65.0-66.0	453.6	45.3	4892.2	0.84	90.34
66.0-67.0	426.4	42.9	4935.1	0.79	91.13
67.0-68.0	400.2	40.5	4975.6	0.75	91.88
68.0-69.0	374.2	38.2	5013.8	0.71	92.59
69.0-70.0	349.0	35.8	5049.7	0.66	93.25
70.0-71.0	324.6	33.6	5083.2	0.62	93.87
71.0-72.0	300.9	31.3	5114.5	0.58	94.45

C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	277.7	29.0	5143.6	0.54	94.98
73.0-74.0	255.3	26.8	5170.4	0.50	95.48
74.0-75.0	233.4	24.7	5195.1	0.46	95.93
75.0-76.0	212.2	22.5	5217.6	0.42	96.35
76.0-77.0	191.6	20.4	5238.0	0.38	96.73
77.0-78.0	171.8	18.4	5256.4	0.34	97.07
78.0-79.0	152.7	16.4	5272.8	0.30	97.37
79.0-80.0	134.4	14.5	5287.3	0.27	97.64
80.0-81.0	116.9	12.6	5300.0	0.23	97.87
81.0-82.0	100.2	10.9	5310.9	0.20	98.07
82.0-83.0	84.4	9.2	5320.0	0.17	98.24
83.0-84.0	69.7	7.6	5327.6	0.14	98.38
84.0-85.0	55.9	6.1	5333.7	0.11	98.49
85.0-86.0	43.3	4.7	5338.5	0.09	98.58
86.0-87.0	31.6	3.5	5341.9	0.06	98.65
87.0-88.0	21.7	2.4	5344.3	0.04	98.69
88.0-89.0	14.3	1.6	5345.9	0.03	98.72
89.0-90.0	9.1	1.0	5346.9	0.02	98.74
90.0-91.0	5.5	0.6	5347.5	0.01	98.75
91.0-92.0	3.8	0.4	5347.9	0.01	98.76
92.0-93.0	3.5	0.4	5348.3	0.01	98.76
93.0-94.0	3.7	0.4	5348.7	0.01	98.77
94.0-95.0	3.9	0.4	5349.1	0.01	98.78
95.0-96.0	4.1	0.4	5349.6	0.01	98.79
96.0-97.0	4.3	0.5	5350.0	0.01	98.79
97.0-98.0	4.4	0.5	5350.5	0.01	98.80
98.0-99.0	4.6	0.5	5351.0	0.01	98.81
99.0-100.0	4.8	0.5	5351.5	0.01	98.82
100.0-101.0	5.0	0.5	5352.1	0.01	98.83
101.0-102.0	5.3	0.6	5352.6	0.01	98.84
102.0-103.0	5.5	0.6	5353.2	0.01	98.85
103.0-104.0	5.7	0.6	5353.8	0.01	98.87
104.0-105.0	5.9	0.6	5354.5	0.01	98.88
105.0-106.0	6.2	0.7	5355.1	0.01	98.89
106.0-107.0	6.4	0.7	5355.8	0.01	98.90
107.0-108.0	6.6	0.7	5356.5	0.01	98.91

C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	6.9	0.7	5357.2	0.01	98.93
109.0-110.0	7.1	0.7	5357.9	0.01	98.94
110.0-111.0	7.4	0.8	5358.7	0.01	98.95
111.0-112.0	7.6	0.8	5359.5	0.01	98.97
112.0-113.0	7.9	0.8	5360.3	0.01	98.98
113.0-114.0	8.2	0.8	5361.1	0.02	99.00
114.0-115.0	8.4	0.8	5361.9	0.02	99.01
115.0-116.0	8.7	0.9	5362.8	0.02	99.03
116.0-117.0	8.9	0.9	5363.7	0.02	99.05
117.0-118.0	9.2	0.9	5364.5	0.02	99.06
118.0-119.0	9.5	0.9	5365.5	0.02	99.08
119.0-120.0	9.8	0.9	5366.4	0.02	99.10
120.0-121.0	10.0	0.9	5367.3	0.02	99.11
121.0-122.0	10.3	1.0	5368.3	0.02	99.13
122.0-123.0	10.6	1.0	5369.3	0.02	99.15
123.0-124.0	10.9	1.0	5370.3	0.02	99.17
124.0-125.0	11.1	1.0	5371.3	0.02	99.19
125.0-126.0	11.4	1.0	5372.3	0.02	99.21
126.0-127.0	11.7	1.0	5373.3	0.02	99.23
127.0-128.0	12.0	1.0	5374.4	0.02	99.24
128.0-129.0	12.3	1.1	5375.4	0.02	99.26
129.0-130.0	12.6	1.1	5376.5	0.02	99.28
130.0-131.0	12.9	1.1	5377.6	0.02	99.30
131.0-132.0	13.1	1.1	5378.6	0.02	99.32
132.0-133.0	13.4	1.1	5379.7	0.02	99.34
133.0-134.0	13.7	1.1	5380.8	0.02	99.36
134.0-135.0	14.0	1.1	5381.9	0.02	99.38
135.0-136.0	14.3	1.1	5383.0	0.02	99.40
136.0-137.0	14.6	1.1	5384.1	0.02	99.42
137.0-138.0	14.9	1.1	5385.2	0.02	99.44
138.0-139.0	15.2	1.1	5386.3	0.02	99.47
139.0-140.0	15.5	1.1	5387.4	0.02	99.49
140.0-141.0	15.8	1.1	5388.5	0.02	99.51
141.0-142.0	16.1	1.1	5389.6	0.02	99.53
142.0-143.0	16.3	1.1	5390.7	0.02	99.55
143.0-144.0	16.6	1.1	5391.8	0.02	99.57

C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
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	16.9	1.1	5392.9	0.02	99.59
145.0-146.0	17.1	1.1	5393.9	0.02	99.61
146.0-147.0	17.4	1.1	5395.0	0.02	99.63
147.0-148.0	17.6	1.0	5396.0	0.02	99.64
148.0-149.0	17.9	1.0	5397.1	0.02	99.66
149.0-150.0	18.1	1.0	5398.1	0.02	99.68
150.0-151.0	18.4	1.0	5399.1	0.02	99.70
151.0-152.0	18.6	1.0	5400.0	0.02	99.72
152.0-153.0	18.8	1.0	5401.0	0.02	99.74
153.0-154.0	19.1	0.9	5401.9	0.02	99.75
154.0-155.0	19.3	0.9	5402.8	0.02	99.77
155.0-156.0	19.5	0.9	5403.7	0.02	99.79
156.0-157.0	19.7	0.9	5404.6	0.02	99.80
157.0-158.0	20.0	0.8	5405.4	0.02	99.82
158.0-159.0	20.2	0.8	5406.2	0.01	99.83
159.0-160.0	20.4	0.8	5407.0	0.01	99.85
160.0-161.0	20.6	0.8	5407.8	0.01	99.86
161.0-162.0	20.9	0.7	5408.5	0.01	99.87
162.0-163.0	21.1	0.7	5409.2	0.01	99.89
163.0-164.0	21.3	0.7	5409.9	0.01	99.90
164.0-165.0	21.5	0.6	5410.5	0.01	99.91
165.0-166.0	21.7	0.6	5411.1	0.01	99.92
166.0-167.0	21.9	0.6	5411.6	0.01	99.93
167.0-168.0	22.1	0.5	5412.2	0.01	99.94
168.0-169.0	22.2	0.5	5412.6	0.01	99.95
169.0-170.0	22.4	0.4	5413.1	0.01	99.96
170.0-171.0	22.6	0.4	5413.5	0.01	99.97
171.0-172.0	22.7	0.4	5413.9	0.01	99.97
172.0-173.0	22.9	0.3	5414.2	0.01	99.98
173.0-174.0	23.0	0.3	5414.5	0.01	99.99
174.0-175.0	23.1	0.2	5414.7	0.00	99.99
175.0-176.0	23.3	0.2	5414.9	0.00	99.99
176.0-177.0	23.4	0.2	5415.1	0.00	100.00
177.0-178.0	23.5	0.1	5415.2	0.00	100.00
178.0-179.0	23.6	0.1	5415.3	0.00	100.00
179.0-180.0	23.6	0.0	5415.3	0.00	100.00

C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G0.0	2705.3	2700.9	2703.9	2705.3	2700.9	2697.7	2705.3	2700.9	2703.9	2705.3
G1.0	2703.5	2702.3	2704.4	2702.7	2699.6	2696.2	2703.1	2700.7	2700.9	2703.4
G2.0	2703.4	2704.7	2700.8	2699.5	2696.2	2695.1	2700.0	2695.9	2695.4	2698.8
G3.0	2701.1	2702.6	2699.1	2693.4	2690.0	2689.8	2694.9	2690.1	2687.9	2689.4
G4.0	2698.3	2696.9	2693.1	2687.1	2684.2	2683.1	2688.8	2679.4	2675.9	2681.1
G5.0	2693.4	2693.7	2684.4	2676.1	2674.2	2674.5	2682.1	2672.5	2665.7	2669.0
G6.0	2687.7	2684.9	2674.0	2660.5	2661.2	2664.8	2670.9	2661.3	2652.4	2651.7
G7.0	2682.9	2678.6	2660.8	2644.6	2646.3	2653.5	2663.7	2646.2	2633.0	2634.9
G8.0	2674.2	2668.7	2645.9	2628.6	2626.2	2637.7	2652.3	2634.0	2616.8	2616.2
G9.0	2661.8	2657.2	2625.9	2606.7	2607.5	2623.4	2639.3	2618.7	2596.8	2591.8
G10.0	2651.2	2643.6	2607.6	2584.1	2586.6	2609.0	2623.4	2600.7	2573.4	2568.8
G11.0	2640.8	2629.1	2588.5	2556.6	2562.8	2590.5	2608.8	2579.0	2548.1	2540.6
G12.0	2625.9	2610.3	2563.6	2529.5	2540.8	2571.5	2591.7	2558.0	2518.6	2513.2
G13.0	2610.3	2594.7	2539.4	2501.9	2512.5	2551.0	2576.1	2536.5	2492.0	2482.0
G14.0	2594.5	2575.6	2512.8	2466.8	2480.7	2525.3	2556.6	2512.5	2460.3	2447.5
G15.0	2579.1	2551.5	2482.3	2432.9	2451.6	2501.1	2536.5	2489.6	2428.1	2409.6
G16.0	2560.5	2531.8	2450.2	2398.4	2418.6	2476.1	2514.5	2463.3	2392.8	2373.1
G17.0	2537.9	2507.8	2418.6	2357.0	2380.9	2449.1	2491.2	2434.7	2355.0	2331.6
G18.0	2517.1	2480.3	2382.6	2316.5	2347.4	2421.1	2465.6	2403.0	2316.9	2288.1
G19.0	2494.7	2455.5	2344.9	2274.3	2305.9	2393.0	2440.6	2373.9	2275.7	2241.6
G20.0	2472.9	2427.3	2309.7	2230.2	2267.2	2362.4	2414.5	2339.2	2230.9	2196.1
G21.0	2448.1	2398.0	2268.3	2182.5	2222.9	2330.3	2383.4	2307.6	2191.1	2149.0
G22.0	2421.1	2367.5	2226.7	2138.2	2179.8	2294.3	2356.6	2271.6	2145.0	2097.6
G23.0	2390.7	2334.2	2183.7	2087.0	2134.9	2257.6	2325.6	2233.2	2096.6	2045.4
G24.0	2365.4	2300.5	2139.6	2036.7	2089.3	2224.7	2292.0	2196.2	2046.9	1994.2
G25.0	2332.7	2265.6	2090.6	1985.1	2043.0	2184.4	2260.7	2156.4	2000.0	1942.0
G26.0	2304.7	2229.9	2043.6	1932.4	1993.4	2148.8	2224.8	2118.7	1950.8	1886.1
G27.0	2269.9	2191.5	1995.4	1878.6	1944.7	2106.1	2188.7	2075.4	1897.7	1829.4
G28.0	2236.3	2153.2	1946.0	1824.1	1893.6	2065.5	2153.3	2034.0	1844.1	1773.9
G29.0	2203.9	2115.2	1896.4	1769.9	1843.3	2027.2	2117.1	1992.7	1792.3	1716.2
G30.0	2168.3	2072.1	1846.2	1712.3	1789.4	1983.0	2079.3	1949.4	1740.9	1660.9
G31.0	2130.9	2033.7	1795.4	1657.7	1739.9	1941.6	2039.1	1902.6	1686.0	1602.9
G32.0	2092.1	1989.3	1743.4	1602.8	1685.3	1895.6	1999.6	1859.0	1633.9	1547.5
G33.0	2055.8	1945.8	1691.9	1548.1	1633.4	1853.4	1957.8	1812.0	1582.3	1493.0
G34.0	2017.7	1902.2	1640.0	1493.7	1580.9	1805.9	1916.5	1766.4	1527.6	1437.0
G35.0	1976.5	1857.1	1587.5	1442.1	1528.7	1759.8	1874.7	1717.8	1476.0	1382.9
G36.0	1935.6	1814.1	1535.7	1389.0	1479.1	1712.7	1830.2	1671.2	1422.0	1329.9

C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G37.0	1896.8	1768.4	1484.1	1336.4	1427.7	1666.2	1785.0	1622.1	1370.9	1275.3
G38.0	1852.2	1722.1	1433.1	1284.8	1377.0	1619.3	1743.2	1575.3	1320.7	1225.0
G39.0	1809.5	1676.0	1382.9	1234.7	1326.9	1574.7	1697.0	1526.3	1269.1	1175.1
G40.0	1768.9	1629.2	1333.4	1185.2	1277.7	1528.4	1650.8	1479.9	1220.9	1125.2
G41.0	1725.2	1582.3	1284.2	1137.0	1229.4	1481.2	1606.0	1431.2	1171.3	1076.2
G42.0	1678.2	1535.9	1235.8	1087.9	1182.2	1434.7	1559.3	1385.2	1125.6	1030.2
G43.0	1636.1	1488.7	1190.7	1046.3	1135.4	1390.3	1514.4	1339.6	1078.5	986.2
G44.0	1588.3	1441.7	1142.2	1001.6	1089.7	1341.5	1469.2	1291.7	1032.4	941.7
G45.0	1544.9	1397.1	1098.6	958.3	1047.2	1297.4	1422.0	1246.8	989.6	898.6
G46.0	1499.4	1348.5	1054.2	916.5	1003.9	1252.1	1375.1	1199.6	947.8	859.3
G47.0	1456.3	1304.4	1011.2	876.3	961.8	1206.9	1329.6	1155.8	905.4	820.3
G48.0	1408.5	1259.1	969.4	837.7	921.1	1162.7	1284.4	1110.1	866.5	782.2
G49.0	1365.5	1216.1	930.1	800.4	883.3	1118.7	1237.7	1067.3	826.7	745.1
G50.0	1320.1	1169.5	890.3	764.4	843.3	1075.8	1193.0	1022.9	790.0	712.2
G51.0	1274.7	1127.7	852.3	731.2	807.7	1033.3	1147.3	979.9	754.4	676.7
G52.0	1229.6	1082.3	813.3	697.9	770.0	991.6	1102.8	941.0	718.5	646.2
G53.0	1186.8	1041.4	778.8	665.8	737.0	952.5	1058.0	897.3	683.4	614.2
G54.0	1140.0	999.2	743.6	634.7	703.0	912.2	1015.1	858.4	651.6	584.8
G55.0	1098.2	958.3	711.1	606.3	670.5	873.2	969.9	819.8	620.2	555.7
G56.0	1054.3	917.8	678.3	576.3	639.2	833.0	926.6	782.2	590.1	528.5
G57.0	1011.5	878.2	647.0	550.2	610.1	796.9	885.3	744.0	559.5	500.8
G58.0	968.6	840.7	616.1	523.3	580.7	760.0	844.9	708.0	531.6	476.0
G59.0	928.1	802.4	586.6	497.6	552.2	724.0	804.5	671.6	503.1	450.4
G60.0	885.6	764.8	557.5	472.6	524.1	689.8	765.2	637.4	476.7	426.5
G61.0	845.8	729.3	529.9	449.4	498.1	656.3	723.9	604.0	449.8	403.1
G62.0	804.5	694.1	503.6	426.6	471.8	621.9	685.2	569.7	424.1	380.6
G63.0	766.0	660.1	477.3	403.8	447.4	590.0	647.0	536.7	399.8	358.5
G64.0	726.6	625.6	452.6	382.0	423.6	557.5	610.5	505.5	376.3	337.3
G65.0	688.2	592.0	428.0	361.9	399.8	527.5	574.7	475.0	353.1	317.0
G66.0	650.4	559.8	403.8	341.1	376.9	495.5	538.4	444.2	329.2	296.7
G67.0	615.5	527.8	381.4	321.1	354.6	467.2	504.6	415.3	307.8	277.6
G68.0	579.0	496.5	357.8	301.6	332.9	438.4	471.4	386.4	286.6	258.2
G69.0	544.0	466.5	336.5	282.8	311.7	410.0	437.3	358.2	266.3	240.1
G70.0	509.2	437.1	314.9	264.5	291.1	382.1	404.9	331.8	245.6	221.6
G71.0	475.6	409.5	293.9	247.1	271.6	356.5	374.3	305.9	226.3	204.3
G72.0	442.1	381.3	273.8	229.7	251.7	329.4	343.9	279.9	207.0	187.4
G73.0	410.4	354.1	253.8	212.3	232.9	305.0	315.1	255.9	189.0	170.2

C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G74.0	380.2	327.2	235.1	196.0	214.5	280.8	286.5	232.4	171.2	153.2
G75.0	350.1	301.6	215.9	179.7	196.5	256.1	259.6	210.0	152.8	137.3
G76.0	321.0	276.9	198.4	164.0	179.4	234.4	232.5	186.8	135.7	121.5
G77.0	292.8	252.2	180.5	148.5	162.5	211.2	207.4	166.8	118.8	107.0
G78.0	265.3	229.7	163.6	133.1	146.5	190.7	183.2	146.2	102.6	92.3
G79.0	238.2	207.3	146.8	118.3	129.2	169.7	160.2	127.3	87.9	79.2
G80.0	213.0	186.1	130.4	104.0	114.2	150.3	138.1	109.3	73.2	66.6
G81.0	188.8	164.6	114.4	90.1	98.6	131.4	117.9	90.5	60.3	55.2
G82.0	165.8	144.9	98.9	77.4	84.6	113.6	97.8	73.5	48.3	44.1
G83.0	143.0	126.0	84.3	65.7	71.2	96.4	80.3	56.9	36.8	34.5
G84.0	123.0	108.2	71.2	54.6	58.7	79.7	62.5	42.0	26.3	25.8
G85.0	103.1	90.5	58.1	44.1	47.2	63.7	46.8	28.5	17.9	18.5
G86.0	84.6	73.5	46.7	34.9	36.7	48.6	32.4	16.0	10.4	11.7
G87.0	67.2	57.5	35.5	26.6	27.0	34.8	18.8	6.9	3.5	4.9
G88.0	51.1	42.8	26.0	19.1	18.5	22.4	6.7	3.4	2.4	2.0
G89.0	36.3	28.9	17.4	12.8	11.1	11.7	4.2	3.6	2.6	2.2
G90.0	22.1	17.0	10.3	5.8	4.3	4.3	4.3	3.8	2.7	2.2
G91.0	9.4	7.2	3.4	2.6	2.8	3.9	4.6	3.9	2.8	2.4
G92.0	4.6	3.8	2.7	2.4	2.8	4.2	4.7	4.2	3.1	2.6
G93.0	4.7	3.9	2.8	2.6	3.1	4.3	5.0	4.3	3.1	2.6
G94.0	5.0	4.2	3.0	2.6	3.0	4.6	5.1	4.6	3.4	2.7
G95.0	5.1	4.3	3.1	2.8	3.4	4.7	5.4	4.7	3.5	3.0
G96.0	5.4	4.7	3.4	3.0	3.5	5.0	5.7	5.0	3.6	3.0
G97.0	5.7	4.9	3.5	3.1	3.6	5.3	5.9	5.3	3.8	3.2
G98.0	5.9	5.0	3.6	3.2	3.8	5.4	6.1	5.4	3.9	3.2
G99.0	6.1	5.3	3.8	3.4	4.1	5.7	6.3	5.7	4.1	3.5
G100.0	6.3	5.4	4.1	3.6	4.3	5.8	6.5	5.9	4.3	3.6
G101.0	6.6	5.7	4.2	3.8	4.3	6.2	6.7	6.2	4.4	3.9
G102.0	6.7	5.8	4.6	4.1	4.7	6.3	7.0	6.3	4.7	3.9
G103.0	7.0	6.1	4.6	4.1	4.9	6.6	7.3	6.6	5.0	4.2
G104.0	7.3	6.3	4.9	4.3	5.0	6.9	7.6	6.9	5.1	4.3
G105.0	7.6	6.6	5.0	4.6	5.3	7.2	7.8	7.0	5.4	4.6
G106.0	7.8	6.9	5.3	4.7	5.5	7.4	8.1	7.3	5.7	4.7
G107.0	8.1	7.0	5.5	4.9	5.8	7.7	8.2	7.6	5.9	5.0
G108.0	8.4	7.4	5.8	5.3	6.1	8.0	8.5	7.8	6.1	5.3
G109.0	8.5	7.6	6.1	5.4	6.2	8.1	8.8	8.1	6.2	5.4
G110.0	8.8	7.8	6.2	5.7	6.6	8.5	9.0	8.4	6.5	5.7

C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G111.0	9.2	8.1	6.5	5.9	6.7	8.8	9.3	8.5	6.7	5.9
G112.0	9.3	8.4	6.7	6.2	7.2	8.9	9.6	8.9	7.2	6.1
G113.0	9.7	8.6	7.0	6.3	7.4	9.3	9.9	9.2	7.4	6.3
G114.0	9.9	8.9	7.3	6.6	7.7	9.4	10.1	9.3	7.7	6.6
G115.0	10.0	9.2	7.6	7.0	8.0	9.9	10.4	9.7	7.8	6.9
G116.0	10.5	9.4	7.8	7.3	8.2	10.1	10.5	9.9	8.1	7.2
G117.0	10.7	9.7	8.1	7.6	8.4	10.3	10.8	10.1	8.5	7.4
G118.0	11.1	10.0	8.4	7.8	8.8	10.7	11.1	10.4	8.6	7.6
G119.0	11.2	10.1	8.6	8.1	9.0	10.9	11.3	10.8	9.0	8.0
G120.0	11.5	10.5	9.0	8.5	9.3	11.2	11.6	10.9	9.3	8.2
G121.0	11.7	10.7	9.2	8.6	9.6	11.5	11.9	11.2	9.6	8.5
G122.0	12.0	10.9	9.6	8.9	10.0	11.7	12.1	11.5	9.9	8.8
G123.0	12.4	11.3	9.9	9.2	10.3	12.0	12.3	11.7	10.1	9.2
G124.0	12.5	11.5	10.1	9.6	10.5	12.3	12.7	12.0	10.4	9.4
G125.0	12.8	11.7	10.4	10.0	10.8	12.5	12.9	12.3	10.7	9.7
G126.0	13.1	12.0	10.7	10.3	11.1	12.8	13.1	12.5	10.9	10.0
G127.0	13.2	12.3	11.1	10.5	11.5	13.1	13.5	12.8	11.3	10.3
G128.0	13.6	12.5	11.3	10.9	11.7	13.4	13.6	13.1	11.6	10.7
G129.0	13.9	12.9	11.6	11.2	12.1	13.6	13.8	13.4	11.9	10.9
G130.0	14.2	13.2	11.9	11.5	12.4	13.9	14.2	13.6	12.1	11.2
G131.0	14.3	13.4	12.3	12.0	12.8	14.2	14.4	13.9	12.5	11.5
G132.0	14.7	13.6	12.5	12.3	13.1	14.4	14.6	14.2	12.8	12.0
G133.0	15.0	13.9	12.7	12.5	13.5	14.7	15.0	14.4	13.2	12.1
G134.0	15.1	14.2	13.1	12.9	13.8	15.0	15.2	14.7	13.5	12.7
G135.0	15.5	14.4	13.4	13.2	14.0	15.2	15.4	14.8	13.9	12.9
G136.0	15.8	14.7	13.8	13.6	14.4	15.5	15.8	15.2	14.0	13.4
G137.0	16.0	15.0	14.0	13.9	14.7	15.8	16.0	15.4	14.6	13.6
G138.0	16.2	15.2	14.3	14.3	15.1	16.0	16.3	15.6	14.7	14.0
G139.0	16.6	15.5	14.7	14.7	15.4	16.2	16.6	15.9	15.1	14.3
G140.0	16.7	15.8	14.8	15.1	15.8	16.6	16.9	16.2	15.4	14.7
G141.0	17.0	16.0	15.2	15.2	16.0	16.9	17.1	16.5	15.6	15.1
G142.0	17.4	16.3	15.5	15.6	16.3	17.1	17.4	16.7	15.9	15.2
G143.0	17.5	16.6	15.8	16.0	16.7	17.3	17.7	17.0	16.3	15.6
G144.0	17.8	16.7	16.0	16.3	17.0	17.7	17.8	17.3	16.5	15.9
G145.0	17.9	17.1	16.3	16.7	17.3	17.8	18.1	17.5	16.7	16.0
G146.0	18.2	17.3	16.6	16.9	17.4	18.1	18.3	17.8	17.0	16.3
G147.0	18.5	17.4	16.9	17.3	17.8	18.2	18.5	18.1	17.3	16.6

C Plane (°):0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G148.0	18.8	17.8	17.3	17.5	18.1	18.6	18.8	18.2	17.4	16.9
G149.0	18.9	18.1	17.5	17.7	18.2	18.9	19.0	18.5	17.7	17.3
G150.0	19.0	18.3	17.7	17.9	18.6	18.9	19.3	18.8	17.8	17.4
G151.0	19.4	18.5	17.9	18.2	18.6	19.3	19.4	19.0	18.1	17.7
G152.0	19.6	18.6	18.2	18.5	18.9	19.6	19.7	19.3	18.5	17.8
G153.0	19.8	18.9	18.5	18.8	19.0	19.8	20.0	19.6	18.5	18.1
G154.0	20.0	19.1	18.9	19.0	19.1	20.1	20.1	19.7	18.8	18.3
G155.0	20.2	19.3	19.0	19.1	19.4	20.2	20.4	20.0	19.0	18.5
G156.0	20.4	19.7	19.4	19.4	19.7	20.5	20.5	20.2	19.3	18.8
G157.0	20.6	19.8	19.6	19.6	19.8	20.6	20.8	20.4	19.4	19.0
G158.0	20.8	20.1	19.8	19.8	20.1	20.8	20.8	20.6	19.7	19.1
G159.0	20.9	20.4	20.1	20.1	20.2	20.9	21.0	20.8	20.0	19.6
G160.0	21.2	20.5	20.4	20.2	20.5	21.2	21.3	21.2	20.2	19.7
G161.0	21.3	20.6	20.5	20.5	20.6	21.5	21.6	21.3	20.5	20.1
G162.0	21.5	20.9	20.8	20.8	20.9	21.7	21.7	21.6	20.6	20.4
G163.0	21.7	21.2	21.0	21.0	21.2	21.9	21.7	21.7	20.9	20.6
G164.0	21.9	21.3	21.3	21.2	21.3	22.0	22.1	21.9	21.0	20.9
G165.0	22.0	21.5	21.5	21.3	21.6	22.3	22.3	22.1	21.3	21.0
G166.0	22.3	21.7	21.6	21.6	21.7	22.4	22.4	22.1	21.5	21.3
G167.0	22.5	22.0	21.9	21.9	21.9	22.4	22.5	22.4	21.7	21.6
G168.0	22.5	22.1	22.1	22.1	22.0	22.5	22.7	22.5	21.9	21.7
G169.0	22.8	22.3	22.1	22.3	22.1	22.7	22.8	22.7	22.0	21.9
G170.0	22.9	22.5	22.3	22.4	22.4	22.8	22.9	22.8	22.3	22.1
G171.0	23.1	22.7	22.4	22.5	22.5	22.9	23.1	22.8	22.4	22.4
G172.0	23.3	22.7	22.7	22.8	22.7	22.9	23.2	23.1	22.7	22.5
G173.0	23.3	22.9	22.7	22.9	22.8	23.1	23.3	23.1	22.7	22.8
G174.0	23.6	23.1	22.8	23.1	22.9	23.2	23.3	23.2	22.9	23.1
G175.0	23.6	23.2	22.9	23.2	23.1	23.1	23.6	23.3	23.2	23.3
G176.0	23.7	23.3	23.1	23.5	23.2	23.3	23.7	23.5	23.2	23.5
G177.0	23.7	23.5	23.3	23.6	23.1	23.5	23.7	23.5	23.3	23.5
G178.0	23.9	23.5	23.3	23.6	23.3	23.5	23.9	23.5	23.5	23.6
G179.0	24.0	23.6	23.3	23.6	23.3	23.5	24.0	23.6	23.5	23.7
G180.0	24.0	23.6	23.5	23.9	23.3	23.5	24.0	23.6	23.3	23.7

C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	2700.9	2697.7	2705.3							
G1.0	2700.1	2700.7	2703.5							
G2.0	2699.6	2696.6	2703.4							
G3.0	2691.0	2693.4	2701.1							
G4.0	2683.1	2688.8	2698.3							
G5.0	2675.7	2682.3	2693.4							
G6.0	2663.0	2674.2	2687.7							
G7.0	2648.8	2666.7	2682.9							
G8.0	2631.8	2653.6	2674.2							
G9.0	2613.4	2640.4	2661.8							
G10.0	2592.0	2626.2	2651.2							
G11.0	2566.3	2611.7	2640.8							
G12.0	2543.8	2594.0	2625.9							
G13.0	2514.0	2572.4	2610.3							
G14.0	2484.1	2553.5	2594.5							
G15.0	2455.3	2529.2	2579.1							
G16.0	2423.0	2505.4	2560.5							
G17.0	2386.7	2481.6	2537.9							
G18.0	2348.6	2452.8	2517.1							
G19.0	2310.3	2425.9	2494.7							
G20.0	2267.0	2393.6	2472.9							
G21.0	2226.4	2363.8	2448.1							
G22.0	2181.4	2329.6	2421.1							
G23.0	2133.5	2297.0	2390.7							
G24.0	2087.5	2260.2	2365.4							
G25.0	2037.9	2222.1	2332.7							
G26.0	1990.4	2185.2	2304.7							
G27.0	1940.6	2147.3	2269.9							
G28.0	1886.8	2105.1	2236.3							
G29.0	1835.8	2063.9	2203.9							
G30.0	1781.9	2020.2	2168.3							
G31.0	1726.6	1975.4	2130.9							
G32.0	1674.9	1934.4	2092.1							
G33.0	1622.6	1888.0	2055.8							
G34.0	1568.1	1843.5	2017.7							
G35.0	1515.9	1795.9	1976.5							
G36.0	1461.5	1749.7	1935.6							

C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	1409.9	1701.2	1896.8							
G38.0	1359.0	1653.9	1852.2							
G39.0	1309.1	1607.2	1809.5							
G40.0	1257.9	1560.4	1768.9							
G41.0	1209.7	1509.3	1725.2							
G42.0	1160.6	1462.8	1678.2							
G43.0	1114.9	1414.2	1636.1							
G44.0	1068.0	1368.1	1588.3							
G45.0	1022.3	1321.7	1544.9							
G46.0	979.5	1274.1	1499.4							
G47.0	936.2	1227.0	1456.3							
G48.0	896.3	1183.8	1408.5							
G49.0	855.4	1136.5	1365.5							
G50.0	818.2	1092.9	1320.1							
G51.0	781.6	1049.6	1274.7							
G52.0	744.8	1007.7	1229.6							
G53.0	709.2	964.8	1186.8							
G54.0	676.3	923.5	1140.0							
G55.0	644.3	882.0	1098.2							
G56.0	613.3	842.9	1054.3							
G57.0	582.4	803.5	1011.5							
G58.0	553.5	766.3	968.6							
G59.0	524.4	728.2	928.1							
G60.0	497.7	692.1	885.6							
G61.0	470.3	657.4	845.8							
G62.0	443.8	621.7	804.5							
G63.0	419.2	588.3	766.0							
G64.0	395.1	554.9	726.6							
G65.0	371.5	522.7	688.2							
G66.0	347.9	491.0	650.4							
G67.0	325.9	460.9	615.5							
G68.0	303.9	431.3	579.0							
G69.0	282.8	401.7	544.0							
G70.0	261.8	373.2	509.2							
G71.0	242.1	346.2	475.6							
G72.0	222.1	319.5	442.1							
G73.0	203.7	294.2	410.4							

C Plane (°): 0.0-360.0: 30.0
 Test Lab: JIANGMEN
 Test Type: TYPE C
 Temperature: 35
 Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 45-75
 Inspector:



Candlepower Table (Continue 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	185.3	268.3	380.2							
G75.0	167.8	244.5	350.1							
G76.0	148.8	220.7	321.0							
G77.0	131.9	198.7	292.8							
G78.0	115.5	176.6	265.3							
G79.0	100.1	156.1	238.2							
G80.0	84.8	136.2	213.0							
G81.0	71.3	117.2	188.8							
G82.0	57.6	98.2	165.8							
G83.0	46.0	80.7	143.0							
G84.0	34.8	63.9	123.0							
G85.0	24.8	48.8	103.1							
G86.0	16.5	34.4	84.6							
G87.0	9.3	21.3	67.2							
G88.0	3.0	10.0	51.1							
G89.0	2.4	3.6	36.3							
G90.0	2.4	3.4	22.1							
G91.0	2.6	3.5	9.4							
G92.0	2.8	3.8	4.6							
G93.0	3.0	3.9	4.7							
G94.0	3.0	4.1	5.0							
G95.0	3.2	4.2	5.1							
G96.0	3.4	4.4	5.4							
G97.0	3.5	4.7	5.7							
G98.0	3.6	4.9	5.9							
G99.0	3.9	5.1	6.1							
G100.0	4.2	5.3	6.3							
G101.0	4.2	5.5	6.6							
G102.0	4.4	5.8	6.7							
G103.0	4.6	5.9	7.0							
G104.0	4.7	6.2	7.3							
G105.0	5.1	6.5	7.6							
G106.0	5.3	6.6	7.8							
G107.0	5.4	6.9	8.1							
G108.0	5.7	7.2	8.4							
G109.0	5.9	7.4	8.5							
G110.0	6.1	7.6	8.8							

C Plane (°): 0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G111.0	6.5	8.0	9.2							
G112.0	6.6	8.1	9.3							
G113.0	7.0	8.4	9.7							
G114.0	7.2	8.6	9.9							
G115.0	7.6	8.9	10.0							
G116.0	7.7	9.2	10.5							
G117.0	8.0	9.3	10.7							
G118.0	8.2	9.7	11.1							
G119.0	8.5	10.0	11.2							
G120.0	8.8	10.1	11.5							
G121.0	9.0	10.3	11.7							
G122.0	9.2	10.5	12.0							
G123.0	9.6	10.9	12.4							
G124.0	9.9	11.1	12.5							
G125.0	10.1	11.5	12.8							
G126.0	10.4	11.6	13.1							
G127.0	10.8	12.0	13.2							
G128.0	10.9	12.1	13.6							
G129.0	11.2	12.4	13.9							
G130.0	11.6	12.7	14.2							
G131.0	11.9	12.9	14.3							
G132.0	12.1	13.2	14.7							
G133.0	12.4	13.5	15.0							
G134.0	12.8	13.8	15.1							
G135.0	12.9	13.9	15.5							
G136.0	13.4	14.3	15.8							
G137.0	13.6	14.4	16.0							
G138.0	13.9	14.7	16.2							
G139.0	14.3	15.0	16.6							
G140.0	14.4	15.2	16.7							
G141.0	14.7	15.5	17.0							
G142.0	15.1	15.8	17.4							
G143.0	15.2	15.9	17.5							
G144.0	15.5	16.3	17.8							
G145.0	15.8	16.5	17.9							
G146.0	16.2	16.7	18.2							
G147.0	16.5	17.0	18.5							

C Plane (°): 0.0-360.0: 30.0
 Test Lab: JIANGMEN
 Test Type: TYPE C
 Temperature: 35
 Operator: R

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 45-75
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G148.0	16.7	17.3	18.8							
G149.0	17.0	17.5	18.9							
G150.0	17.3	17.8	19.0							
G151.0	17.5	18.1	19.4							
G152.0	17.7	18.2	19.6							
G153.0	18.1	18.6	19.8							
G154.0	18.2	18.9	20.0							
G155.0	18.5	19.0	20.2							
G156.0	18.8	19.1	20.4							
G157.0	19.0	19.6	20.6							
G158.0	19.4	19.7	20.8							
G159.0	19.4	20.0	20.9							
G160.0	20.0	20.1	21.2							
G161.0	20.2	20.4	21.3							
G162.0	20.4	20.6	21.5							
G163.0	20.6	20.8	21.7							
G164.0	20.9	21.0	21.9							
G165.0	21.0	21.3	22.0							
G166.0	21.3	21.5	22.3							
G167.0	21.5	21.7	22.5							
G168.0	21.7	22.0	22.5							
G169.0	21.9	22.1	22.8							
G170.0	22.1	22.4	22.9							
G171.0	22.3	22.5	23.1							
G172.0	22.4	22.8	23.3							
G173.0	22.7	22.9	23.3							
G174.0	22.8	22.9	23.6							
G175.0	22.9	23.1	23.6							
G176.0	23.2	23.3	23.7							
G177.0	23.2	23.3	23.7							
G178.0	23.3	23.5	23.9							
G179.0	23.3	23.5	24.0							
G180.0	23.3	23.5	24.0							

C Plane (°):0.0-360.0: 30.0
Test Lab: JIANGMEN
Test Type: TYPE C
Temperature: 35
Operator: R

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 45-75
Inspector: