

Report No.: 20200407

Test Time: 2020-04-09 11:02

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: NB

Luminaire Description: MX601A-LD30WDD-3FT

Lamp Catalog: 2835/ACT

Number of Lamps: 2

Luminous Length (mm): 1795

Luminous Height (mm): 85

Current: 0.265 A

Power Factor: 0.994

Lamp Description: 2835/4000K

Lumens per Lamp: 3479.9

Luminous Width (mm): 70

Voltage: 119.0 V

Power: 61.29 W

Photometric Results

CIE Class: Direct

Measurement Flux: 3479.9 lm

Downward Ratio: 49.38%

Field Angle: H157.7 V157.1

Luminaire Efficacy Rating (LER): 57

Max. Intensity: 1305.96 cd

Total Rated Lamp Lumens: 6959.8 lm

Efficiency: 50.00%

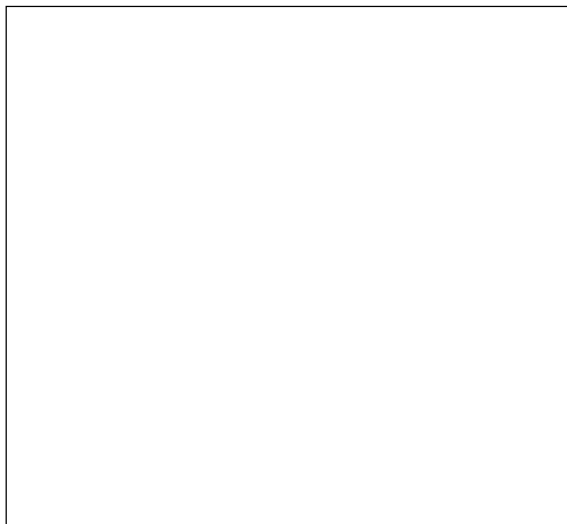
Upward Ratio: 0.62%

Beam Angle: H106.7 V104.9

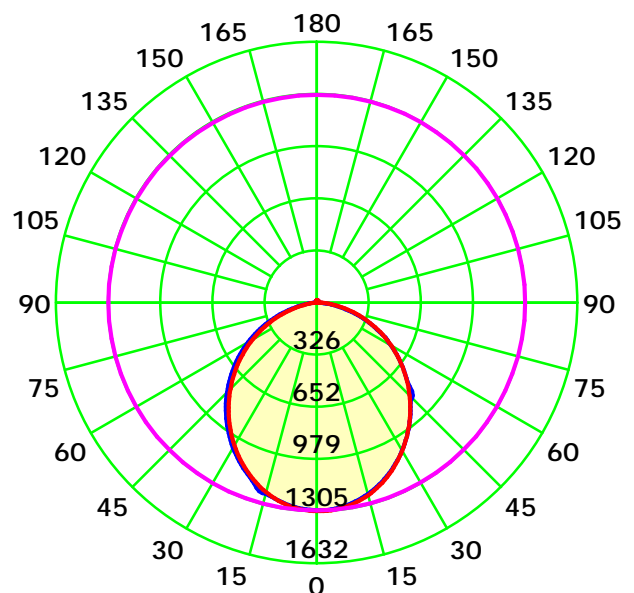
Central Intensity: 1300.77 cd

Pos of Max. Intensity: H120 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 105.8° Unit: cd

— C0-C180 — C90-C270 — G0

C Plane (°):0.0-360.0: 30.0

Test Lab: 80

Test Type: TYPE C

Temperature: 23

Operator: weiweiruo

Gamma Plane (°):0.0-180.0: 1.0

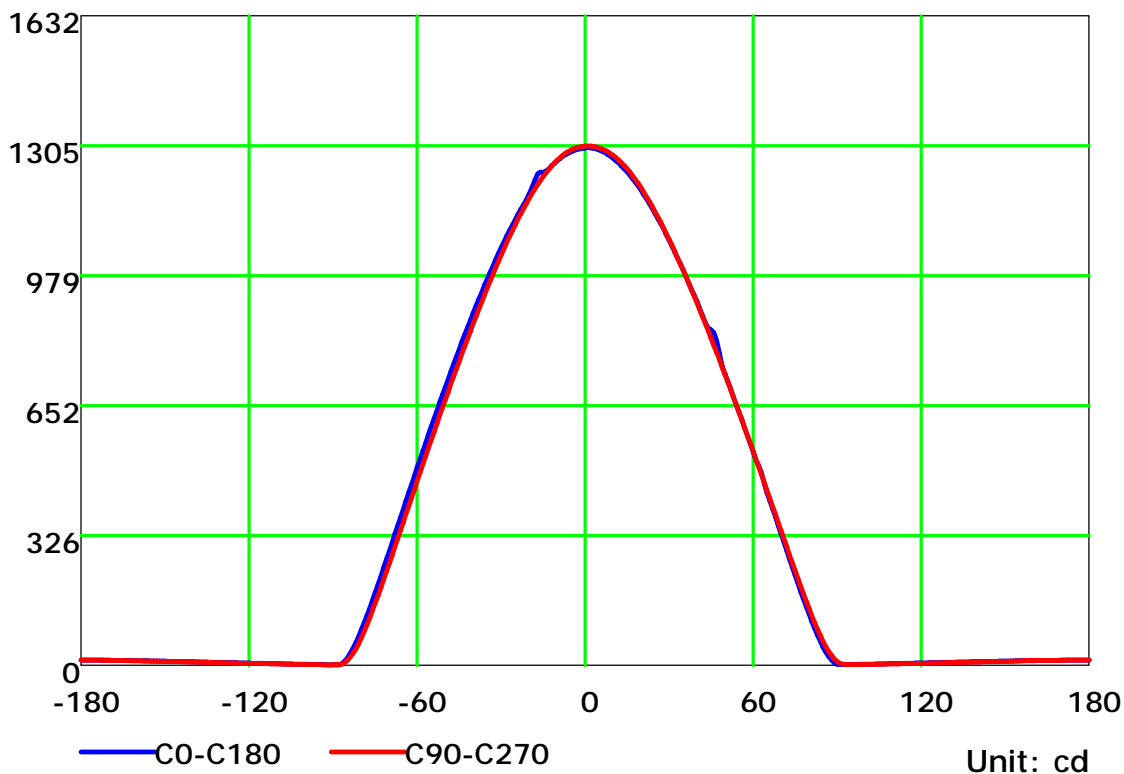
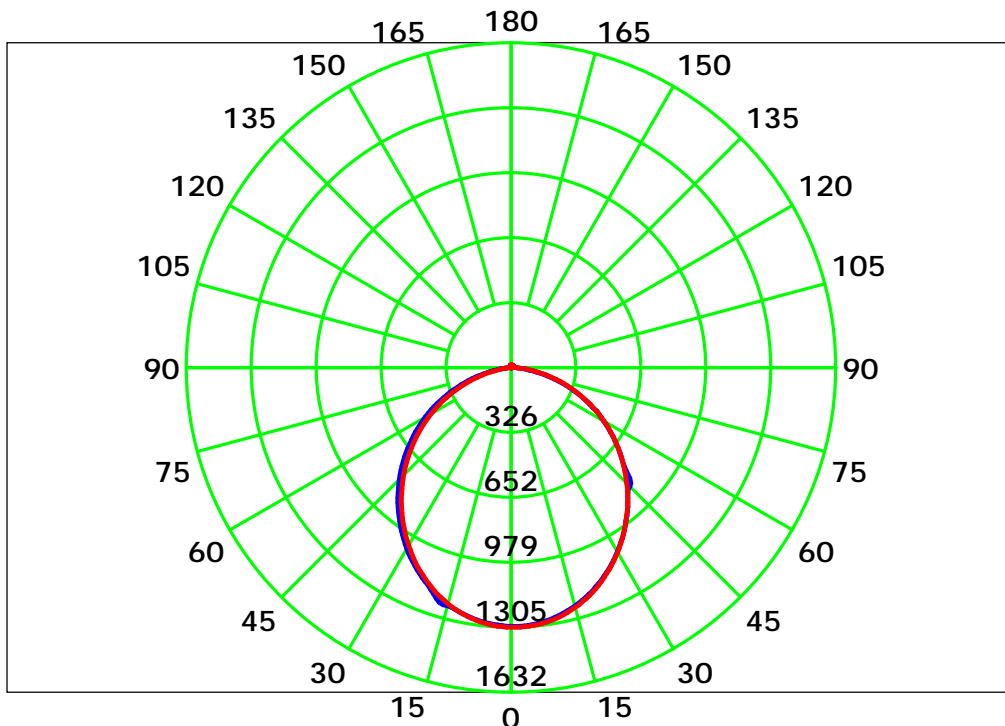
Test Device: GPM-1600L

Distance: 8.690 m

Humidity: 88

Inspector:

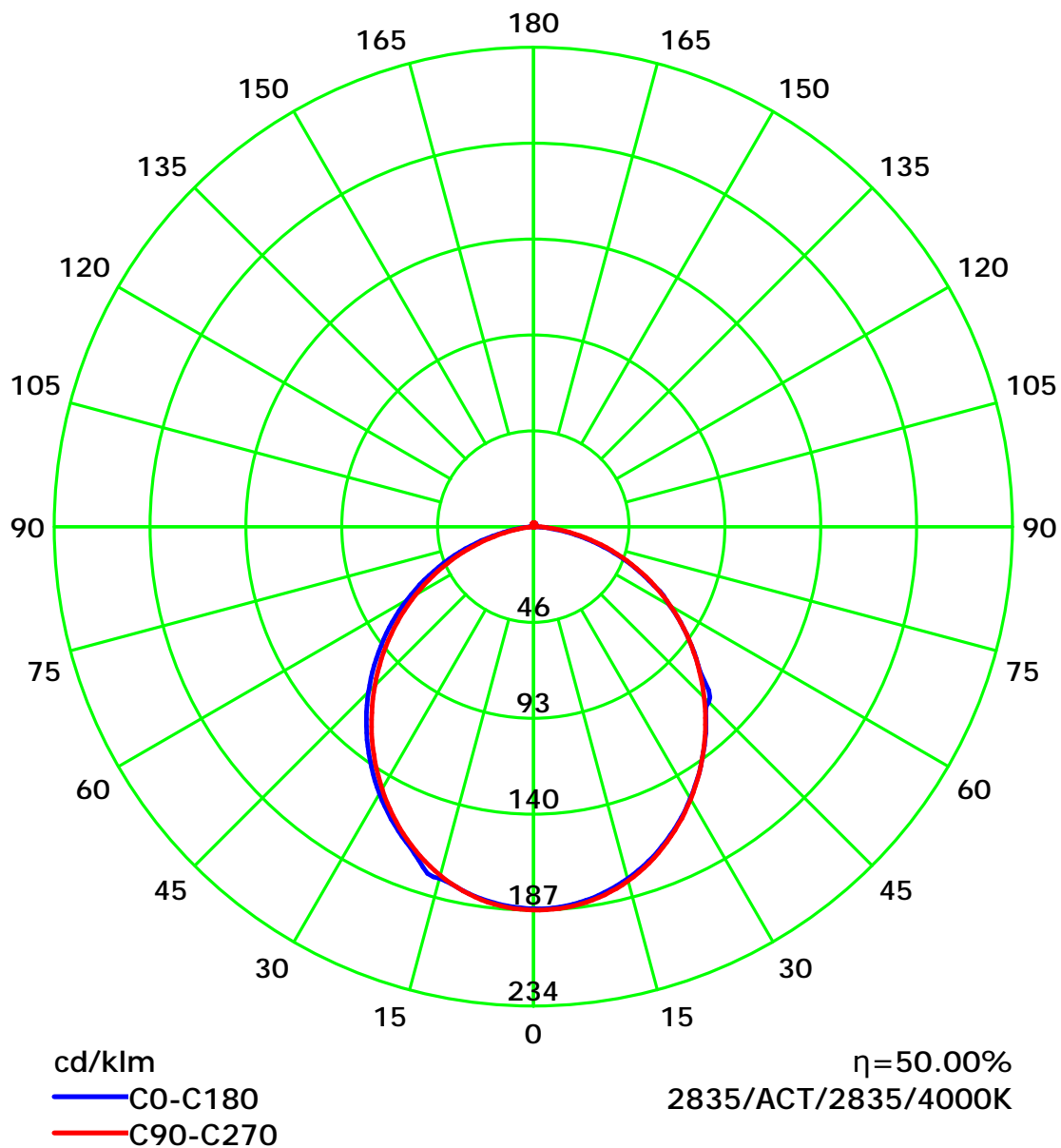
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



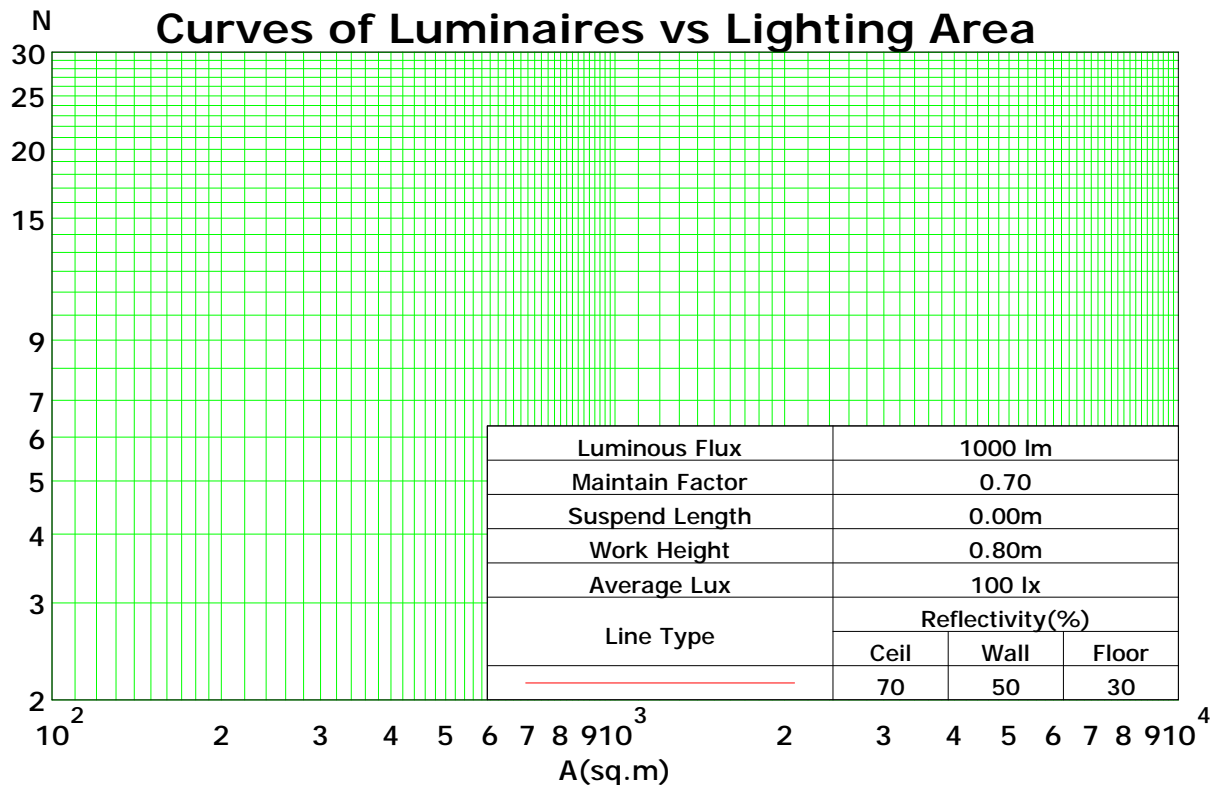
C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 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	59	59	59	59	58	58	58	58	55	55	55	53	53	53	50	50	50	49
1	54	52	50	48	53	51	49	47	49	47	46	47	45	44	45	44	43	42
2	50	46	42	39	48	45	42	39	43	40	38	41	39	37	39	38	36	35
3	45	40	36	33	44	39	36	33	38	35	32	36	34	31	35	33	31	30
4	41	36	31	28	40	35	31	28	34	30	27	32	29	27	31	29	26	25
5	38	32	27	24	37	31	27	24	30	26	24	29	26	23	28	25	23	22
6	35	29	24	21	34	28	24	21	27	24	21	26	23	21	26	23	20	19
7	33	26	22	19	32	26	22	19	25	21	18	24	21	18	23	20	18	17
8	30	24	20	17	30	23	19	17	23	19	16	22	19	16	21	18	16	15
9	29	22	18	15	28	22	18	15	21	17	15	20	17	15	20	17	15	14
10	27	20	16	14	26	20	16	14	19	16	14	19	16	13	18	15	13	12

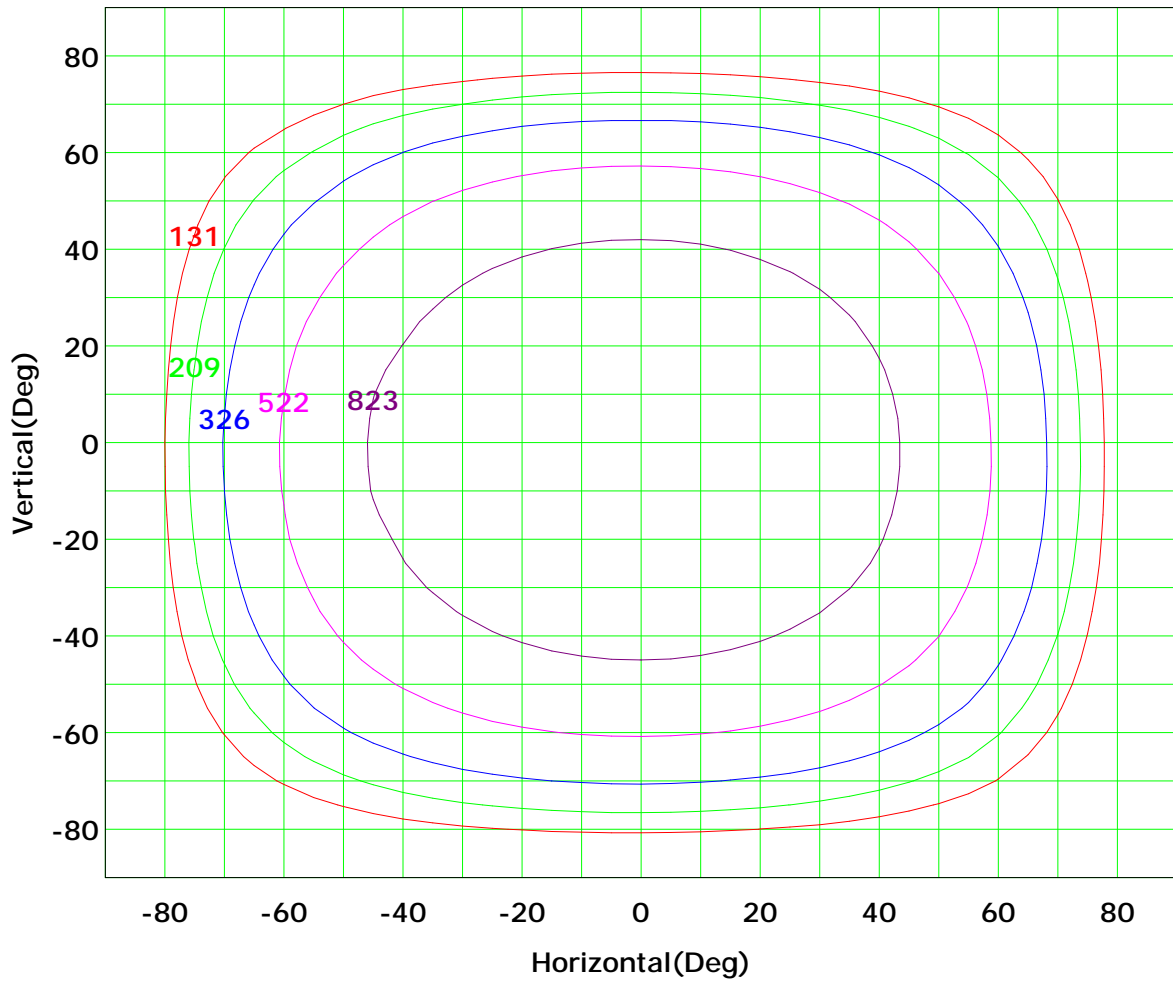
Spacing Criteria (0-180): 1.21
 Spacing Criteria (90-270): 1.20
 Spacing Criteria (Diagonal): 1.33



C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

Isocandela (rectangle)



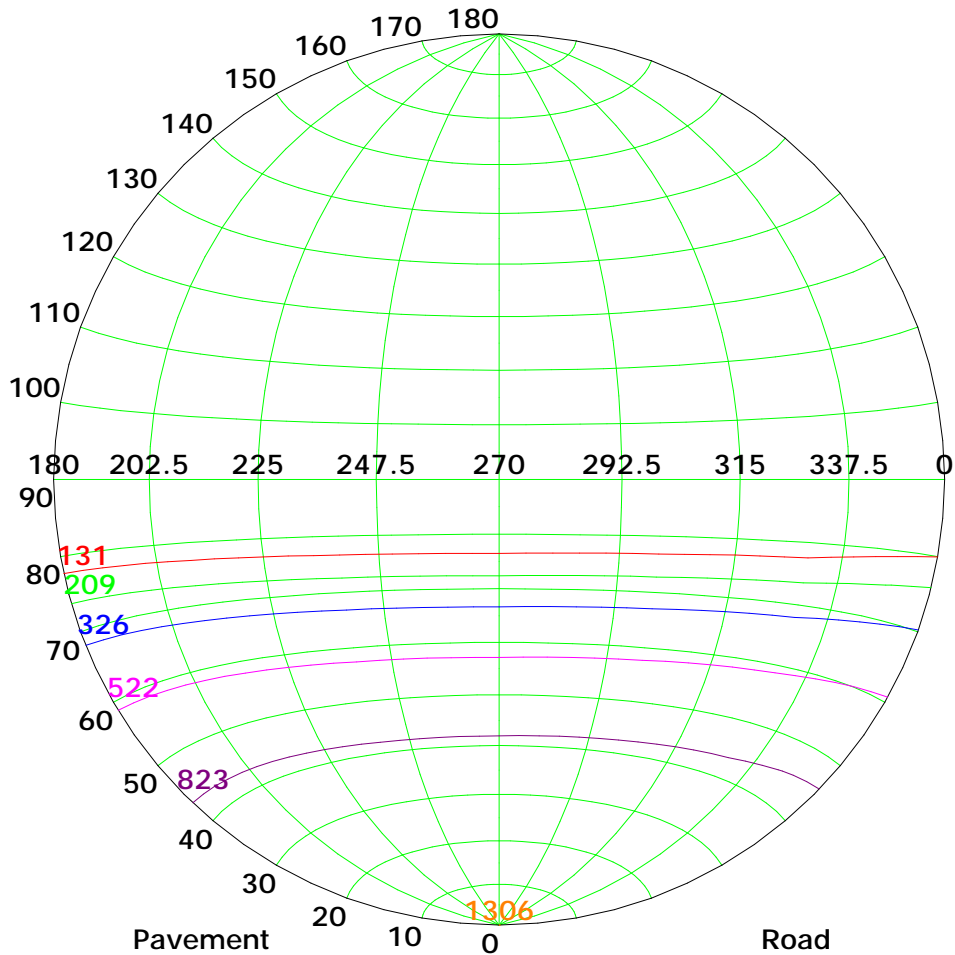
I_{max} (100%): 1306 cd

— (10%): 131 cd	— (16%): 209 cd
— (25%): 326 cd	— (40%): 522 cd
— (63%): 823 cd	— (100%): 1306 cd

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

Isocandela (sphere)



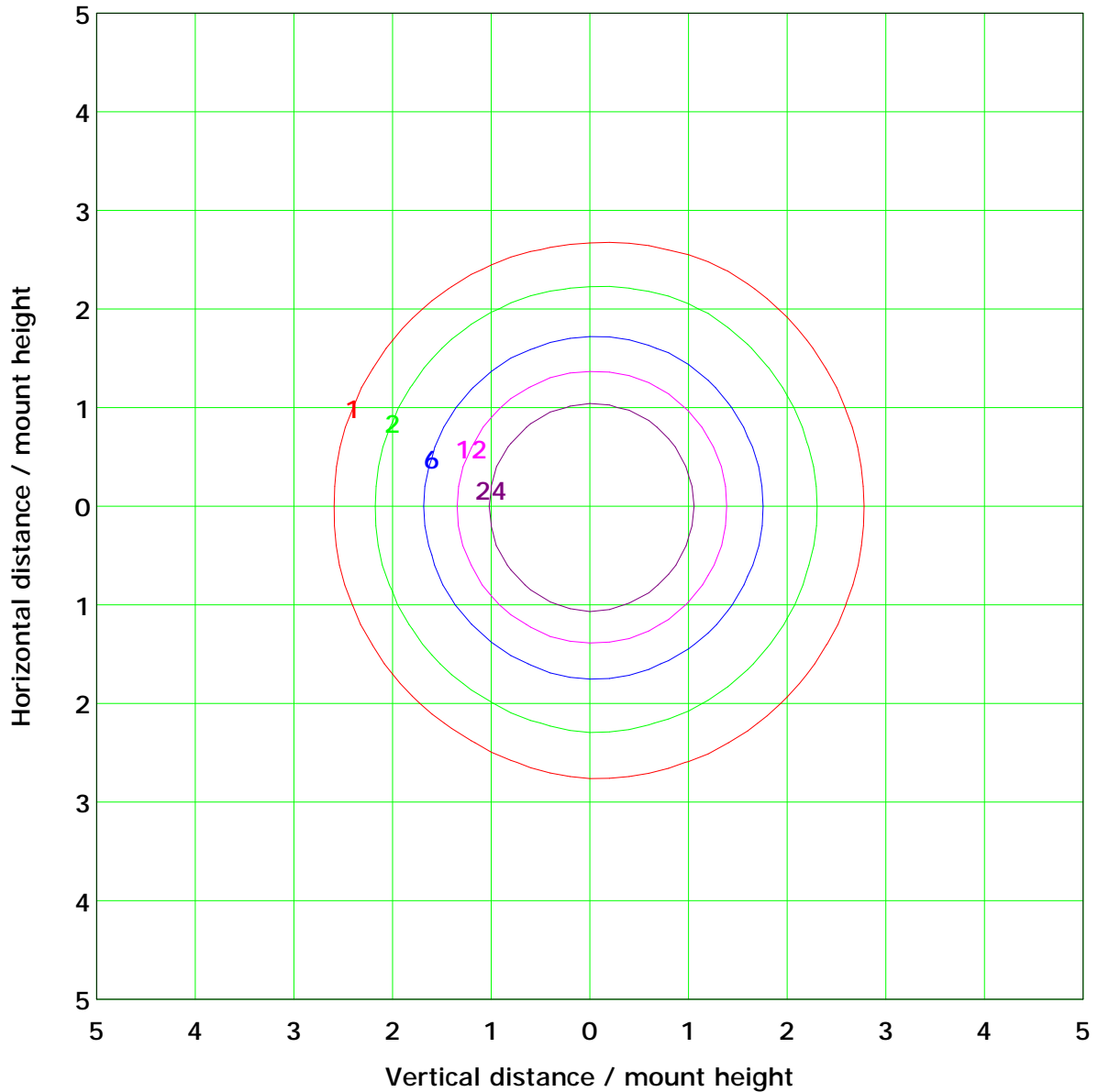
I_{max} (100%): 1306 cd

— (10%): 131 cd	— (16%): 209 cd
— (25%): 326 cd	— (40%): 522 cd
— (63%): 823 cd	— (100%): 1306 cd

C Plane (°):0.0-360.0: 30.0
Test Lab: 80
Test Type: TYPE C
Temperature: 23
Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.690 m
Humidity: 88
Inspector:

IsoLux Plot



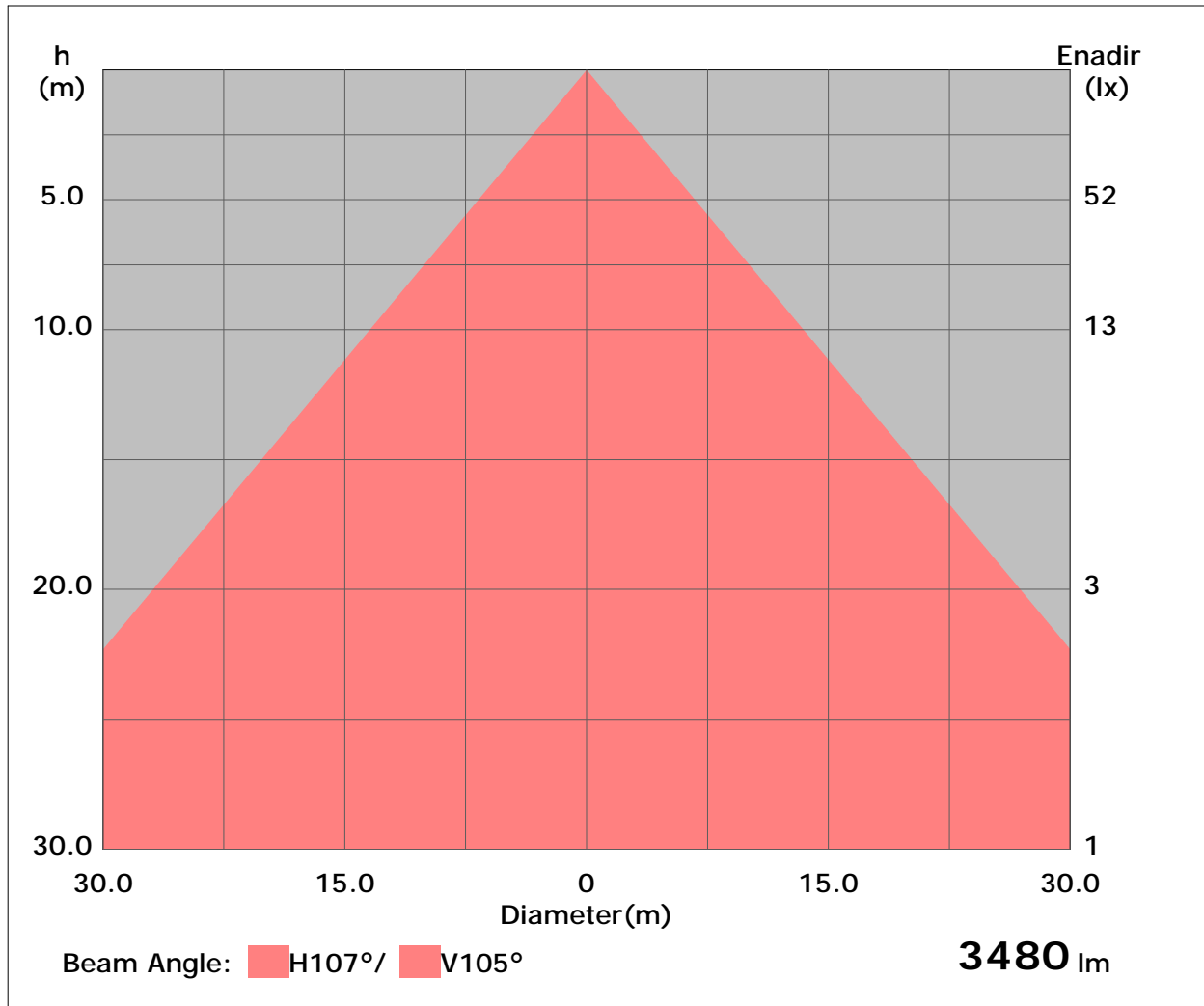
Mounting Height: 3.3m Max Lux(100%): 119.9 lx

— (1%): 1.2 lx	— (2%): 2.4 lx
— (5%): 6.0 lx	— (10%): 12.0 lx
— (20%): 24.0 lx	

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

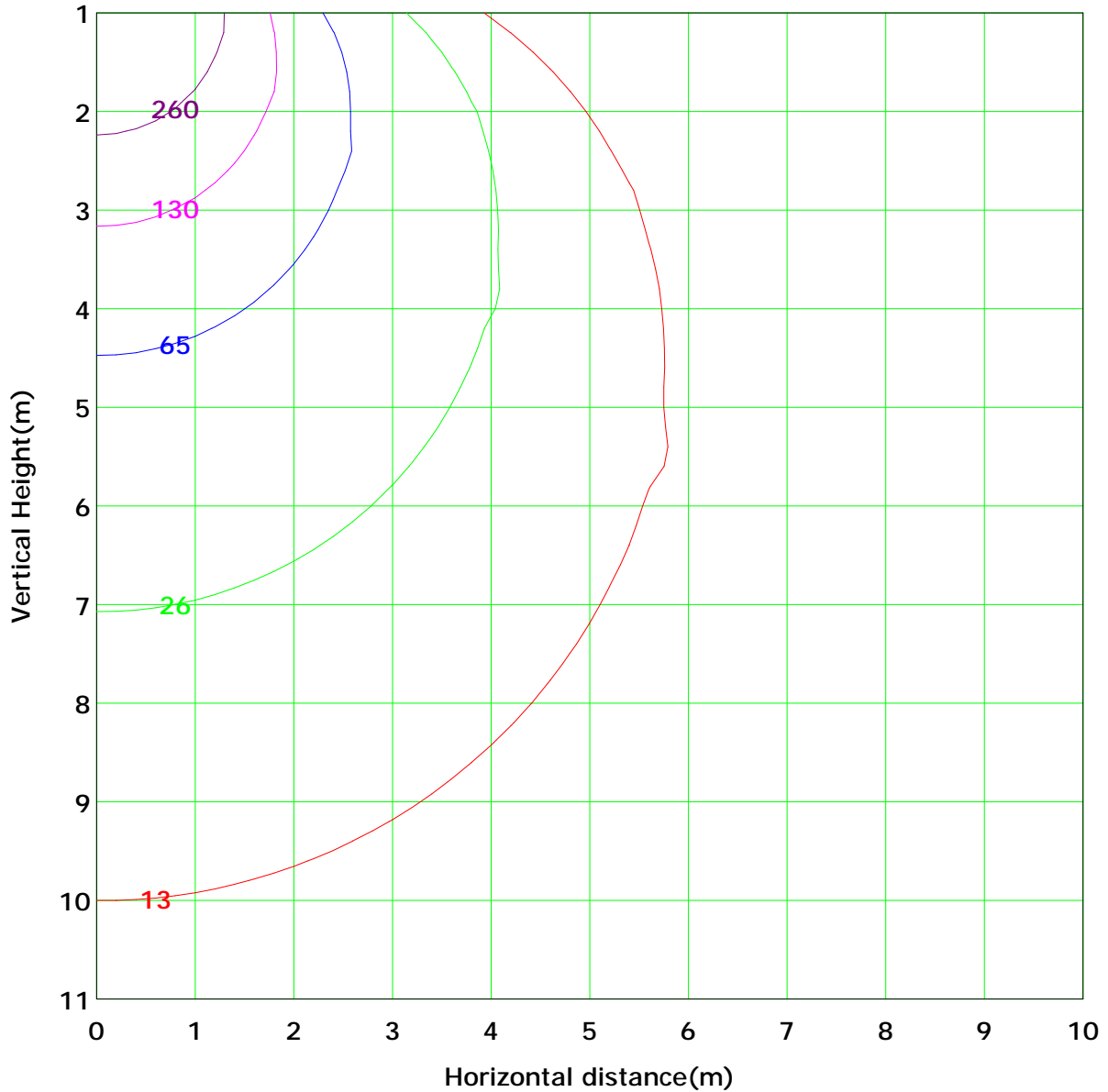
Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1300.8 lx
 (1%): 13.0 lx (2%): 26.0 lx
 (5%): 65.0 lx (10%): 130.1 lx
 (20%): 260.2 lx

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

Area Flux Table

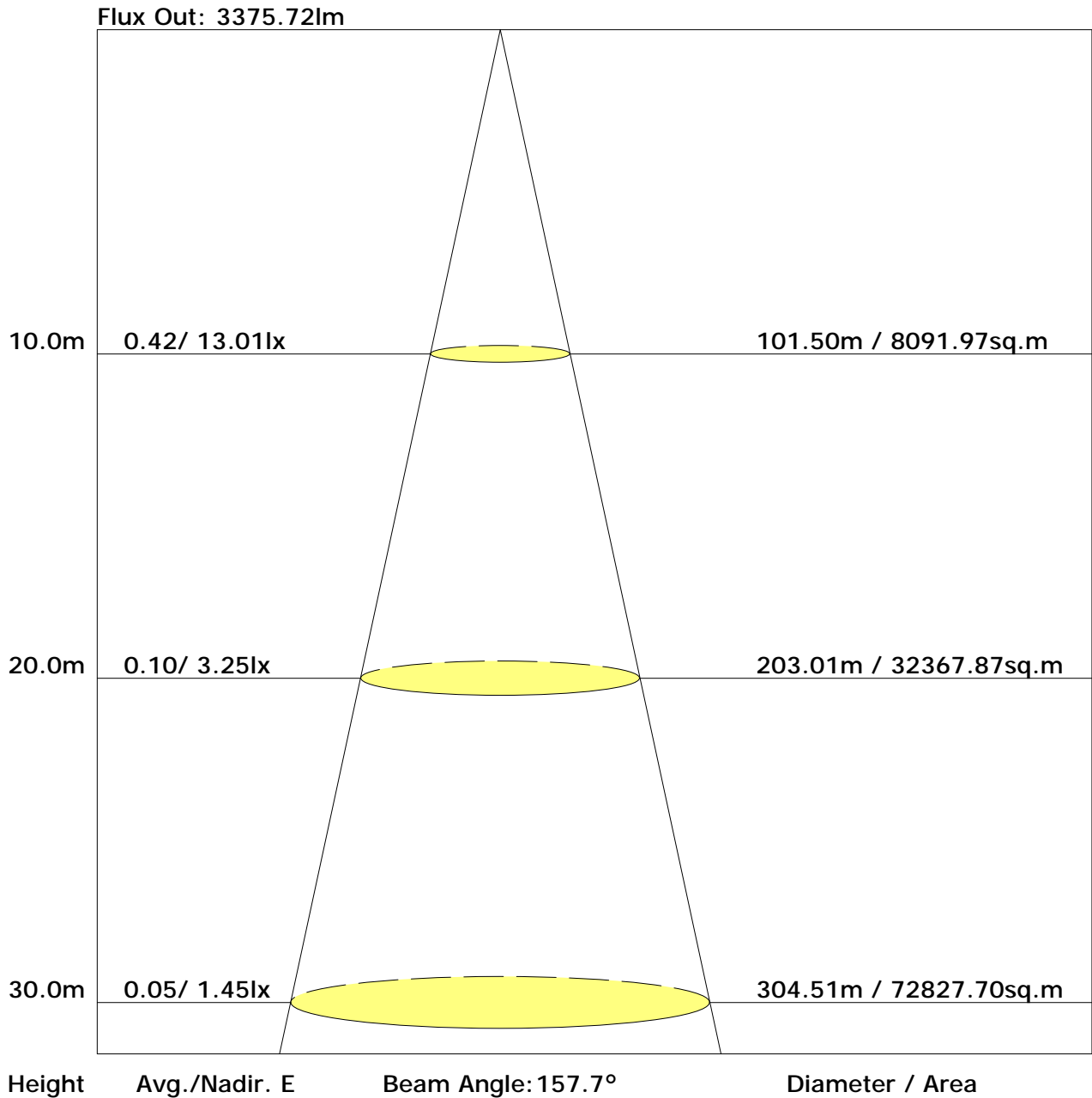
Unit: lm

		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
Flux(E)	Flux(T)	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	Flux(T)	Flux(E)
0.0	1.1	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	1.1	0.0
10.3	15.0	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	15.0	10.3
48.5	52.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	52.2	48.5
106.0	109.4	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0	109.4	106.0
175.6	179.0	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	175.6	179.0	175.6
2248.8	2252.2	2248.8	2248.8	2248.8	2248.8	2248.8	2248.8	2248.8	2248.8	2248.8	2248.8	2248.8	2248.8	2248.8	2248.8	2248.8	2248.8	2248.8	2248.8	2248.8	2252.2	2248.8
316.4	319.8	316.4	316.4	316.4	316.4	316.4	316.4	316.4	316.4	316.4	316.4	316.4	316.4	316.4	316.4	316.4	316.4	316.4	316.4	316.4	319.8	316.4
369.4	373.0	369.4	369.4	369.4	369.4	369.4	369.4	369.4	369.4	369.4	369.4	369.4	369.4	369.4	369.4	369.4	369.4	369.4	369.4	369.4	373.0	369.4
397.5	400.9	397.5	397.5	397.5	397.5	397.5	397.5	397.5	397.5	397.5	397.5	397.5	397.5	397.5	397.5	397.5	397.5	397.5	397.5	397.5	400.9	397.5
398.1	401.6	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	398.1	401.6	398.1
1370.6	1374.1	1370.6	1370.6	1370.6	1370.6	1370.6	1370.6	1370.6	1370.6	1370.6	1370.6	1370.6	1370.6	1370.6	1370.6	1370.6	1370.6	1370.6	1370.6	1370.6	1374.1	1370.6
319.8	323.2	319.8	319.8	319.8	319.8	319.8	319.8	319.8	319.8	319.8	319.8	319.8	319.8	319.8	319.8	319.8	319.8	319.8	319.8	319.8	323.2	319.8
8253.5	8257.0	8253.5	8253.5	8253.5	8253.5	8253.5	8253.5	8253.5	8253.5	8253.5	8253.5	8253.5	8253.5	8253.5	8253.5	8253.5	8253.5	8253.5	8253.5	8253.5	8257.0	8253.5
181.8	185.2	181.8	181.8	181.8	181.8	181.8	181.8	181.8	181.8	181.8	181.8	181.8	181.8	181.8	181.8	181.8	181.8	181.8	181.8	181.8	185.2	181.8
111.3	114.7	111.3	111.3	111.3	111.3	111.3	111.3	111.3	111.3	111.3	111.3	111.3	111.3	111.3	111.3	111.3	111.3	111.3	111.3	111.3	114.7	111.3
53.9	57.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	57.5	53.9
14.7	18.8	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	18.8	14.7
0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0
	3437																				3437	
																						3376

C Plane (°): 0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°): 0.0-180.0: 1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

UGR Table

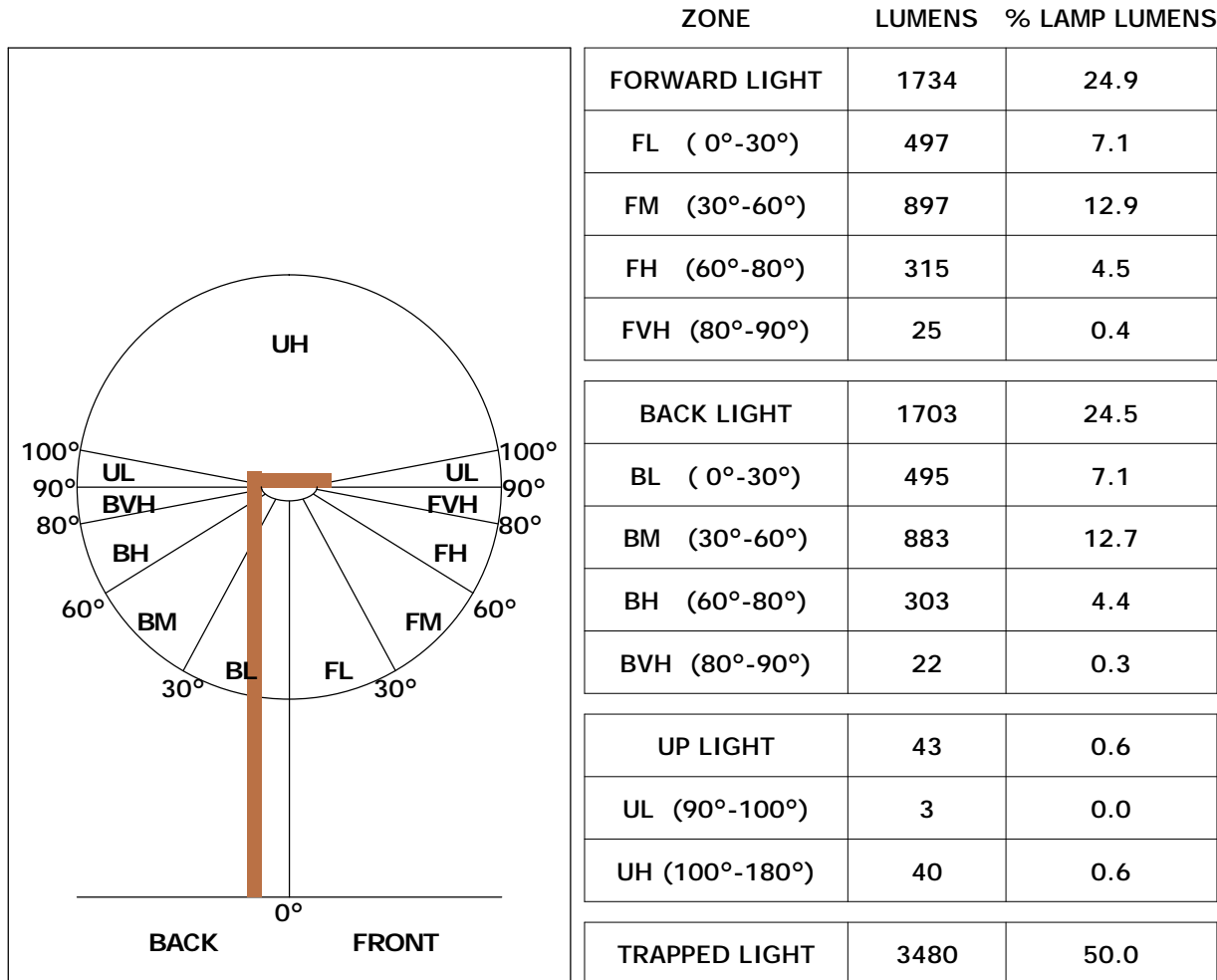
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	11.1	12.7	11.5	13.0	13.4	9.4	11.0	9.8	11.3	11.7
3H	12.8	14.3	13.2	14.6	15.0	10.8	12.2	11.1	12.5	12.9
4H	13.4	14.8	13.9	15.2	15.6	11.2	12.5	11.6	12.9	13.3
6H	13.9	15.1	14.3	15.5	15.9	11.4	12.7	11.8	13.0	13.5
8H	14.0	15.1	14.4	15.6	16.0	11.5	12.6	11.9	13.1	13.5
12H	14.0	15.1	14.5	15.5	16.0	11.5	12.6	11.9	13.0	13.5
X=4H Y=2H	11.4	12.7	11.8	13.1	13.5	10.0	11.4	10.4	11.7	12.1
3H	13.2	14.4	13.7	14.8	15.2	11.6	12.7	12.0	13.1	13.5
4H	13.9	14.9	14.4	15.4	15.8	12.1	13.1	12.5	13.5	14.0
6H	14.4	15.3	14.9	15.8	16.2	12.4	13.3	12.9	13.7	14.2
8H	14.5	15.4	15.0	15.8	16.3	12.5	13.3	12.9	13.7	14.2
12H	14.6	15.3	15.1	15.8	16.3	12.5	13.2	13.0	13.7	14.2
X=8H Y=4H	14.0	14.8	14.5	15.3	15.8	12.3	13.2	12.8	13.6	14.1
6H	14.5	15.2	15.0	15.7	16.2	12.7	13.4	13.2	13.9	14.4
8H	14.6	15.3	15.2	15.8	16.3	12.8	13.4	13.3	13.9	14.5
12H	14.7	15.3	15.3	15.8	16.4	12.9	13.4	13.4	13.9	14.5
X=12H Y=4H	14.0	14.7	14.5	15.2	15.7	12.3	13.1	12.8	13.6	14.1
6H	14.5	15.1	15.0	15.6	16.2	12.7	13.4	13.3	13.8	14.4
8H	14.7	15.2	15.2	15.7	16.3	12.9	13.4	13.4	13.9	14.5

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U2 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U2 G1

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
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Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.25									
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	0.29	0.34	0.38	0.40	0.44	0.46	0.48	0.50	0.52	
	0.30		0.25	0.30	0.34	0.37	0.41	0.44	0.46	0.48	0.50	
	0.20		0.22	0.27	0.31	0.34	0.38	0.41	0.44	0.47	0.49	
0.50	0.50	0.20	0.28	0.33	0.36	0.39	0.42	0.45	0.46	0.48	0.50	
	0.30		0.25	0.30	0.33	0.36	0.40	0.42	0.44	0.47	0.48	
	0.20		0.22	0.27	0.31	0.34	0.38	0.40	0.42	0.45	0.47	
0.30	0.50	0.20	0.27	0.32	0.35	0.37	0.41	0.43	0.44	0.46	0.48	
	0.30		0.24	0.29	0.32	0.35	0.39	0.41	0.43	0.45	0.46	
	0.20		0.22	0.27	0.30	0.33	0.37	0.39	0.41	0.44	0.45	
0.00	0.00	0.00	0.21	0.25	0.29	0.31	0.35	0.37	0.39	0.41	0.43	
<p>Rating: 61W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.25									
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	0.49	0.40	0.34	0.30	0.24	0.19	0.17	0.13	0.10	
	0.30		0.41	0.34	0.30	0.26	0.21	0.18	0.15	0.12	0.10	
	0.20		0.35	0.30	0.26	0.24	0.19	0.16	0.14	0.11	0.09	
0.50	0.50	0.20	0.47	0.38	0.33	0.28	0.22	0.20	0.16	0.12	0.10	
	0.30		0.40	0.33	0.29	0.25	0.20	0.17	0.15	0.11	0.09	
	0.20		0.34	0.29	0.26	0.23	0.19	0.16	0.14	0.11	0.09	
0.30	0.50	0.20	0.45	0.37	0.31	0.27	0.21	0.18	0.15	0.12	0.09	
	0.30		0.39	0.32	0.28	0.24	0.20	0.16	0.14	0.11	0.09	
	0.20		0.34	0.29	0.25	0.22	0.18	0.15	0.13	0.11	0.09	
0.00	0.00	0.00	0.29	0.24	0.21	0.18	0.14	0.12	0.10	0.08	0.07	
<p>Rating: 61W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.25									
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	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.11	0.11	
	0.30		0.05	0.06	0.07	0.07	0.08	0.09	0.09	0.10	0.10	
	0.20		0.03	0.04	0.05	0.05	0.06	0.07	0.08	0.08	0.09	
0.50	0.50	0.20	0.08	0.09	0.09	0.10	0.10	0.10	0.11	0.11	0.11	
	0.30		0.05	0.06	0.07	0.07	0.08	0.08	0.09	0.09	0.10	
	0.20		0.03	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.09	
0.30	0.50	0.20	0.08	0.09	0.09	0.09	0.10	0.10	0.10	0.10	0.10	
	0.30		0.05	0.06	0.06	0.07	0.08	0.08	0.09	0.09	0.09	
	0.20		0.03	0.04	0.04	0.05	0.06	0.07	0.07	0.08	0.09	
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
<p>Rating: 61W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1303.6	1.2	1.2	0.02	0.02
1.0-2.0	1303.0	3.7	5.0	0.05	0.07
2.0-3.0	1301.9	6.2	11.2	0.09	0.16
3.0-4.0	1300.2	8.7	19.9	0.13	0.29
4.0-5.0	1297.9	11.2	31.1	0.16	0.45
5.0-6.0	1295.0	13.6	44.7	0.20	0.64
6.0-7.0	1291.6	16.0	60.7	0.23	0.87
7.0-8.0	1287.5	18.4	79.2	0.26	1.14
8.0-9.0	1282.8	20.8	100.0	0.30	1.44
9.0-10.0	1277.5	23.1	123.1	0.33	1.77
10.0-11.0	1271.7	25.4	148.5	0.37	2.13
11.0-12.0	1265.2	27.7	176.1	0.40	2.53
12.0-13.0	1258.2	29.9	206.0	0.43	2.96
13.0-14.0	1250.8	32.0	238.0	0.46	3.42
14.0-15.0	1243.1	34.1	272.2	0.49	3.91
15.0-16.0	1235.2	36.2	308.4	0.52	4.43
16.0-17.0	1227.1	38.2	346.6	0.55	4.98
17.0-18.0	1218.3	40.2	386.8	0.58	5.56
18.0-19.0	1208.6	42.1	428.8	0.60	6.16
19.0-20.0	1198.0	43.9	472.7	0.63	6.79
20.0-21.0	1186.2	45.6	518.2	0.65	7.45
21.0-22.0	1173.3	47.2	565.4	0.68	8.12
22.0-23.0	1160.5	48.7	614.1	0.70	8.82
23.0-24.0	1147.6	50.2	664.3	0.72	9.54
24.0-25.0	1134.5	51.6	715.8	0.74	10.29
25.0-26.0	1121.2	52.9	768.8	0.76	11.05
26.0-27.0	1107.7	54.2	823.0	0.78	11.82
27.0-28.0	1094.0	55.4	878.4	0.80	12.62
28.0-29.0	1080.0	56.5	934.9	0.81	13.43
29.0-30.0	1065.9	57.6	992.5	0.83	14.26
30.0-31.0	1051.5	58.5	1051.0	0.84	15.10
31.0-32.0	1036.7	59.4	1110.4	0.85	15.95
32.0-33.0	1021.2	60.2	1170.5	0.86	16.82
33.0-34.0	1005.0	60.8	1231.4	0.87	17.69
34.0-35.0	988.3	61.4	1292.8	0.88	18.57
35.0-36.0	971.4	61.9	1354.6	0.89	19.46

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 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	954.3	62.2	1416.9	0.89	20.36
37.0-38.0	937.0	62.5	1479.4	0.90	21.26
38.0-39.0	919.6	62.8	1542.2	0.90	22.16
39.0-40.0	902.2	62.9	1605.1	0.90	23.06
40.0-41.0	884.7	63.0	1668.1	0.91	23.97
41.0-42.0	866.9	63.0	1731.1	0.91	24.87
42.0-43.0	848.8	62.9	1794.0	0.90	25.78
43.0-44.0	830.8	62.7	1856.7	0.90	26.68
44.0-45.0	813.3	62.5	1919.3	0.90	27.58
45.0-46.0	796.0	62.3	1981.5	0.89	28.47
46.0-47.0	778.2	61.9	2043.4	0.89	29.36
47.0-48.0	759.7	61.4	2104.8	0.88	30.24
48.0-49.0	740.6	60.8	2165.7	0.87	31.12
49.0-50.0	721.4	60.2	2225.8	0.86	31.98
50.0-51.0	701.9	59.4	2285.2	0.85	32.83
51.0-52.0	681.7	58.5	2343.7	0.84	33.68
52.0-53.0	661.3	57.5	2401.3	0.83	34.50
53.0-54.0	641.0	56.5	2457.8	0.81	35.31
54.0-55.0	621.0	55.4	2513.2	0.80	36.11
55.0-56.0	601.1	54.3	2567.5	0.78	36.89
56.0-57.0	581.1	53.1	2620.7	0.76	37.65
57.0-58.0	561.0	51.9	2672.6	0.75	38.40
58.0-59.0	540.9	50.6	2723.1	0.73	39.13
59.0-60.0	520.6	49.2	2772.3	0.71	39.83
60.0-61.0	500.2	47.7	2820.1	0.69	40.52
61.0-62.0	480.0	46.3	2866.3	0.66	41.18
62.0-63.0	460.0	44.7	2911.1	0.64	41.83
63.0-64.0	439.4	43.1	2954.2	0.62	42.45
64.0-65.0	418.3	41.4	2995.6	0.59	43.04
65.0-66.0	397.5	39.7	3035.3	0.57	43.61
66.0-67.0	376.6	37.9	3073.1	0.54	44.16
67.0-68.0	355.9	36.1	3109.2	0.52	44.67
68.0-69.0	335.3	34.2	3143.4	0.49	45.16
69.0-70.0	314.5	32.3	3175.7	0.46	45.63
70.0-71.0	293.8	30.4	3206.1	0.44	46.07
71.0-72.0	273.1	28.4	3234.5	0.41	46.47

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 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	252.6	26.4	3260.9	0.38	46.85
73.0-74.0	232.4	24.4	3285.3	0.35	47.20
74.0-75.0	212.4	22.4	3307.8	0.32	47.53
75.0-76.0	192.5	20.4	3328.2	0.29	47.82
76.0-77.0	172.9	18.4	3346.7	0.26	48.09
77.0-78.0	153.8	16.5	3363.1	0.24	48.32
78.0-79.0	135.1	14.5	3377.7	0.21	48.53
79.0-80.0	117.0	12.6	3390.3	0.18	48.71
80.0-81.0	99.7	10.8	3401.1	0.15	48.87
81.0-82.0	83.2	9.0	3410.1	0.13	49.00
82.0-83.0	67.9	7.4	3417.5	0.11	49.10
83.0-84.0	53.9	5.9	3423.3	0.08	49.19
84.0-85.0	41.3	4.5	3427.8	0.06	49.25
85.0-86.0	30.3	3.3	3431.2	0.05	49.30
86.0-87.0	21.3	2.3	3433.5	0.03	49.33
87.0-88.0	14.5	1.6	3435.1	0.02	49.36
88.0-89.0	9.7	1.1	3436.1	0.02	49.37
89.0-90.0	6.3	0.7	3436.8	0.01	49.38
90.0-91.0	4.0	0.4	3437.3	0.01	49.39
91.0-92.0	2.9	0.3	3437.6	0.00	49.39
92.0-93.0	2.7	0.3	3437.9	0.00	49.40
93.0-94.0	2.7	0.3	3438.2	0.00	49.40
94.0-95.0	2.7	0.3	3438.5	0.00	49.40
95.0-96.0	2.8	0.3	3438.8	0.00	49.41
96.0-97.0	2.9	0.3	3439.1	0.00	49.41
97.0-98.0	3.0	0.3	3439.4	0.00	49.42
98.0-99.0	3.1	0.3	3439.7	0.00	49.42
99.0-100.0	3.2	0.3	3440.1	0.00	49.43
100.0-101.0	3.3	0.4	3440.5	0.01	49.43
101.0-102.0	3.5	0.4	3440.8	0.01	49.44
102.0-103.0	3.6	0.4	3441.2	0.01	49.44
103.0-104.0	3.8	0.4	3441.6	0.01	49.45
104.0-105.0	3.9	0.4	3442.0	0.01	49.46
105.0-106.0	4.1	0.4	3442.5	0.01	49.46
106.0-107.0	4.2	0.4	3442.9	0.01	49.47
107.0-108.0	4.3	0.5	3443.4	0.01	49.47

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 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	4.5	0.5	3443.8	0.01	49.48
109.0-110.0	4.6	0.5	3444.3	0.01	49.49
110.0-111.0	4.8	0.5	3444.8	0.01	49.50
111.0-112.0	4.9	0.5	3445.3	0.01	49.50
112.0-113.0	5.1	0.5	3445.8	0.01	49.51
113.0-114.0	5.2	0.5	3446.3	0.01	49.52
114.0-115.0	5.4	0.5	3446.9	0.01	49.53
115.0-116.0	5.5	0.5	3447.4	0.01	49.53
116.0-117.0	5.7	0.6	3448.0	0.01	49.54
117.0-118.0	5.9	0.6	3448.6	0.01	49.55
118.0-119.0	6.0	0.6	3449.1	0.01	49.56
119.0-120.0	6.2	0.6	3449.7	0.01	49.57
120.0-121.0	6.3	0.6	3450.3	0.01	49.58
121.0-122.0	6.5	0.6	3450.9	0.01	49.58
122.0-123.0	6.6	0.6	3451.5	0.01	49.59
123.0-124.0	6.8	0.6	3452.2	0.01	49.60
124.0-125.0	6.9	0.6	3452.8	0.01	49.61
125.0-126.0	7.1	0.6	3453.4	0.01	49.62
126.0-127.0	7.3	0.6	3454.1	0.01	49.63
127.0-128.0	7.4	0.6	3454.7	0.01	49.64
128.0-129.0	7.6	0.7	3455.4	0.01	49.65
129.0-130.0	7.8	0.7	3456.0	0.01	49.66
130.0-131.0	7.9	0.7	3456.7	0.01	49.67
131.0-132.0	8.1	0.7	3457.3	0.01	49.68
132.0-133.0	8.3	0.7	3458.0	0.01	49.69
133.0-134.0	8.5	0.7	3458.7	0.01	49.70
134.0-135.0	8.6	0.7	3459.4	0.01	49.70
135.0-136.0	8.8	0.7	3460.0	0.01	49.71
136.0-137.0	9.0	0.7	3460.7	0.01	49.72
137.0-138.0	9.2	0.7	3461.4	0.01	49.73
138.0-139.0	9.3	0.7	3462.1	0.01	49.74
139.0-140.0	9.5	0.7	3462.8	0.01	49.75
140.0-141.0	9.7	0.7	3463.4	0.01	49.76
141.0-142.0	9.9	0.7	3464.1	0.01	49.77
142.0-143.0	10.0	0.7	3464.8	0.01	49.78
143.0-144.0	10.2	0.7	3465.4	0.01	49.79

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 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	10.3	0.7	3466.1	0.01	49.80
145.0-146.0	10.5	0.7	3466.8	0.01	49.81
146.0-147.0	10.6	0.6	3467.4	0.01	49.82
147.0-148.0	10.8	0.6	3468.0	0.01	49.83
148.0-149.0	11.0	0.6	3468.7	0.01	49.84
149.0-150.0	11.1	0.6	3469.3	0.01	49.85
150.0-151.0	11.3	0.6	3469.9	0.01	49.86
151.0-152.0	11.5	0.6	3470.5	0.01	49.86
152.0-153.0	11.7	0.6	3471.1	0.01	49.87
153.0-154.0	11.8	0.6	3471.7	0.01	49.88
154.0-155.0	12.0	0.6	3472.2	0.01	49.89
155.0-156.0	12.1	0.6	3472.8	0.01	49.90
156.0-157.0	12.3	0.5	3473.3	0.01	49.91
157.0-158.0	12.4	0.5	3473.8	0.01	49.91
158.0-159.0	12.5	0.5	3474.3	0.01	49.92
159.0-160.0	12.6	0.5	3474.8	0.01	49.93
160.0-161.0	12.7	0.5	3475.3	0.01	49.93
161.0-162.0	12.8	0.4	3475.7	0.01	49.94
162.0-163.0	12.9	0.4	3476.2	0.01	49.95
163.0-164.0	13.0	0.4	3476.6	0.01	49.95
164.0-165.0	13.1	0.4	3476.9	0.01	49.96
165.0-166.0	13.2	0.4	3477.3	0.01	49.96
166.0-167.0	13.3	0.3	3477.6	0.00	49.97
167.0-168.0	13.4	0.3	3478.0	0.00	49.97
168.0-169.0	13.5	0.3	3478.3	0.00	49.98
169.0-170.0	13.6	0.3	3478.5	0.00	49.98
170.0-171.0	13.7	0.2	3478.8	0.00	49.98
171.0-172.0	13.8	0.2	3479.0	0.00	49.99
172.0-173.0	13.9	0.2	3479.2	0.00	49.99
173.0-174.0	13.9	0.2	3479.4	0.00	49.99
174.0-175.0	14.0	0.1	3479.5	0.00	49.99
175.0-176.0	14.0	0.1	3479.6	0.00	50.00
176.0-177.0	14.1	0.1	3479.7	0.00	50.00
177.0-178.0	14.1	0.1	3479.8	0.00	50.00
178.0-179.0	14.1	0.0	3479.8	0.00	50.00
179.0-180.0	14.1	0.0	3479.9	0.00	50.00

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 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	1300.8	1301.6	1303.3	1305.4	1306.0	1305.3	1300.8	1301.6	1303.3	1305.4
G1.0	1301.4	1302.2	1304.0	1305.5	1305.5	1304.5	1299.9	1300.3	1302.5	1304.7
G2.0	1301.1	1301.7	1303.7	1305.2	1304.6	1303.3	1298.2	1299.0	1300.8	1303.5
G3.0	1299.9	1301.1	1303.2	1304.5	1303.6	1301.8	1296.5	1297.1	1298.7	1301.7
G4.0	1298.2	1299.6	1301.8	1303.4	1302.0	1299.7	1294.2	1294.6	1296.0	1299.1
G5.0	1295.7	1297.4	1300.4	1301.0	1299.8	1297.4	1291.3	1291.2	1292.6	1296.1
G6.0	1292.8	1294.7	1297.7	1298.7	1297.2	1294.5	1287.8	1287.8	1289.1	1292.0
G7.0	1289.1	1291.4	1294.5	1295.5	1293.7	1290.8	1284.0	1283.8	1284.6	1287.7
G8.0	1285.0	1287.7	1290.5	1291.9	1289.7	1286.7	1279.4	1279.0	1279.2	1282.4
G9.0	1280.3	1283.0	1286.2	1287.3	1285.1	1282.2	1274.2	1273.9	1273.4	1276.5
G10.0	1274.9	1278.0	1281.5	1282.3	1280.4	1277.2	1268.7	1267.6	1267.3	1269.8
G11.0	1268.9	1272.4	1275.9	1276.8	1274.6	1271.4	1262.0	1261.1	1260.3	1263.2
G12.0	1262.7	1266.8	1270.1	1270.4	1268.3	1264.8	1255.5	1254.2	1252.9	1254.9
G13.0	1255.9	1259.7	1262.8	1263.8	1261.5	1258.0	1248.6	1246.4	1245.0	1247.1
G14.0	1248.6	1253.0	1255.8	1256.3	1254.5	1250.9	1242.9	1238.3	1235.9	1238.3
G15.0	1240.8	1245.5	1248.2	1248.4	1246.3	1242.7	1240.0	1229.7	1226.9	1228.9
G16.0	1232.4	1237.2	1239.8	1240.2	1237.9	1235.7	1240.0	1221.7	1217.4	1219.1
G17.0	1223.6	1228.7	1230.9	1230.7	1229.1	1230.5	1235.3	1215.5	1207.4	1208.7
G18.0	1214.5	1220.0	1221.5	1221.2	1219.3	1227.9	1219.4	1211.8	1196.2	1197.6
G19.0	1204.7	1210.3	1211.6	1211.4	1209.6	1223.3	1201.1	1207.0	1185.3	1186.3
G20.0	1194.8	1200.3	1201.3	1200.8	1199.1	1214.4	1185.2	1197.8	1173.2	1174.0
G21.0	1183.5	1189.7	1190.4	1189.4	1188.2	1196.9	1171.0	1179.1	1161.5	1161.8
G22.0	1172.6	1178.4	1178.8	1177.9	1176.6	1179.3	1158.8	1160.6	1148.5	1148.9
G23.0	1161.2	1167.4	1167.2	1166.2	1164.9	1164.7	1146.2	1144.6	1135.8	1135.5
G24.0	1148.9	1155.5	1154.8	1153.4	1152.8	1149.5	1133.8	1129.0	1122.2	1122.1
G25.0	1137.0	1143.6	1142.5	1140.6	1139.9	1136.9	1120.2	1114.8	1108.1	1107.9
G26.0	1123.8	1130.8	1129.5	1127.4	1127.0	1123.8	1107.1	1101.2	1094.1	1093.6
G27.0	1111.1	1117.8	1116.6	1114.8	1115.3	1110.7	1093.4	1086.9	1079.3	1078.3
G28.0	1098.1	1104.7	1102.5	1100.0	1103.3	1097.0	1079.4	1072.9	1066.5	1063.7
G29.0	1083.8	1090.7	1088.5	1086.0	1092.6	1083.1	1064.9	1057.5	1053.4	1048.0
G30.0	1069.6	1076.7	1074.6	1071.7	1083.3	1068.6	1050.3	1042.2	1040.4	1032.1
G31.0	1055.0	1062.6	1059.6	1056.8	1071.7	1054.1	1035.0	1026.7	1028.3	1015.0
G32.0	1039.8	1047.8	1044.3	1041.1	1059.5	1039.3	1019.4	1011.2	1014.2	999.1
G33.0	1025.3	1032.6	1029.3	1025.9	1042.3	1024.1	1003.6	994.2	998.0	982.5
G34.0	1010.3	1017.5	1013.7	1010.6	1022.0	1008.5	987.8	979.1	978.5	966.0
G35.0	994.1	1002.3	998.5	994.8	1001.9	992.7	970.8	962.0	958.4	948.3
G36.0	978.1	986.5	981.8	978.0	982.7	976.4	954.8	945.7	939.5	931.2

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 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	961.9	970.0	965.5	961.9	963.8	960.9	937.4	927.7	918.8	913.3
G38.0	946.2	953.6	948.8	944.8	945.4	944.0	920.9	910.9	899.7	895.7
G39.0	930.1	936.8	932.3	928.1	927.4	927.4	903.7	892.9	879.9	877.0
G40.0	914.7	919.8	915.0	911.1	910.1	910.1	886.2	875.3	861.7	859.0
G41.0	897.2	902.8	898.2	893.8	893.7	893.7	867.8	857.2	843.8	840.5
G42.0	879.2	885.5	880.8	876.3	875.7	875.4	850.5	839.0	825.3	821.8
G43.0	861.1	868.0	862.9	858.9	858.3	858.6	831.8	819.9	806.1	803.0
G44.0	848.2	850.0	845.1	840.6	840.3	840.7	813.8	801.2	787.7	784.3
G45.0	844.3	833.0	827.5	822.8	822.5	822.8	794.7	782.8	768.5	764.8
G46.0	836.8	814.4	809.1	804.7	804.3	804.5	776.4	764.2	749.8	745.8
G47.0	816.3	796.9	791.3	786.6	786.0	786.1	756.8	744.5	730.5	726.4
G48.0	783.3	778.7	772.8	768.2	767.8	767.5	738.2	725.2	710.5	706.9
G49.0	753.5	764.5	754.1	749.6	749.2	749.3	718.5	705.9	691.0	686.7
G50.0	732.7	757.8	735.5	731.4	730.5	730.5	699.2	686.3	671.8	667.5
G51.0	713.6	746.9	717.3	712.5	712.1	711.6	679.5	666.6	651.7	647.5
G52.0	694.9	722.1	698.1	693.1	692.5	692.3	660.2	646.6	631.6	628.0
G53.0	675.3	692.0	679.3	675.3	673.8	673.1	639.9	626.5	611.6	607.3
G54.0	655.8	665.3	659.9	655.6	654.4	656.0	620.2	606.8	591.7	587.0
G55.0	636.6	645.2	640.8	636.7	636.0	635.8	599.9	586.4	571.3	566.5
G56.0	617.6	625.5	621.0	617.0	616.4	615.7	580.4	566.8	550.9	546.4
G57.0	598.2	606.0	601.9	598.1	597.1	595.7	559.2	545.3	530.4	526.4
G58.0	577.5	586.2	582.2	578.5	577.2	575.7	539.1	524.9	510.5	505.9
G59.0	557.6	566.6	562.9	559.3	557.8	556.3	518.5	504.2	489.3	484.4
G60.0	537.3	546.4	542.7	539.2	537.5	536.1	497.8	483.8	469.1	464.5
G61.0	517.2	526.5	523.4	519.5	518.3	515.8	476.9	462.9	447.9	442.8
G62.0	502.7	505.8	503.3	500.0	498.6	495.2	455.4	441.9	427.8	422.9
G63.0	484.4	485.7	483.5	480.1	478.6	475.5	435.3	420.8	406.5	401.0
G64.0	456.0	465.8	463.5	459.9	458.3	455.4	414.0	400.1	386.4	381.5
G65.0	435.0	445.1	443.5	440.5	438.0	435.1	392.8	378.9	365.0	360.1
G66.0	414.4	424.4	423.2	420.3	417.5	414.1	372.1	357.7	344.4	339.7
G67.0	393.4	403.5	402.3	399.5	397.2	393.8	350.6	336.1	323.1	318.4
G68.0	373.3	383.4	383.0	379.9	377.8	373.6	329.9	315.6	301.8	298.2
G69.0	352.3	362.6	362.6	359.7	356.4	352.5	308.1	294.5	281.6	277.0
G70.0	331.4	341.7	342.2	339.8	337.0	332.2	287.0	273.1	260.9	256.4
G71.0	310.6	320.8	321.7	319.5	316.5	310.9	266.3	252.5	240.2	236.3
G72.0	289.3	300.4	301.7	299.2	296.9	291.1	244.7	231.7	219.3	215.1
G73.0	268.8	279.8	281.4	279.0	275.7	270.0	223.9	211.5	199.9	195.9

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 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	248.6	260.2	261.7	259.4	256.5	250.0	203.6	190.7	180.0	176.0
G75.0	227.2	240.4	241.7	239.5	236.6	229.8	183.9	170.7	159.9	157.0
G76.0	207.4	219.1	221.4	219.4	216.8	209.7	163.0	151.3	141.4	137.7
G77.0	187.1	198.1	201.8	200.8	196.8	189.9	143.9	132.5	122.8	119.4
G78.0	167.8	179.4	182.5	181.3	177.9	170.5	124.9	113.6	104.5	101.7
G79.0	148.1	159.7	163.5	162.0	158.2	151.4	106.5	96.1	87.7	84.8
G80.0	129.8	140.8	145.1	143.6	140.5	132.7	88.8	79.1	71.1	68.8
G81.0	111.1	122.1	126.5	125.6	122.0	114.2	72.1	62.7	56.4	54.4
G82.0	94.1	104.8	108.8	108.2	105.1	96.8	56.4	48.3	42.6	40.9
G83.0	77.0	87.4	91.9	91.6	87.6	80.2	42.4	35.1	31.0	30.2
G84.0	61.5	71.4	76.3	75.9	72.0	64.6	29.5	23.8	21.2	20.8
G85.0	46.9	56.1	61.1	61.1	57.0	49.6	19.0	14.7	13.6	13.2
G86.0	34.1	42.6	47.2	47.5	43.8	37.0	10.6	8.2	7.4	7.0
G87.0	23.0	30.6	35.3	35.8	32.1	25.2	4.7	3.8	3.6	3.6
G88.0	14.1	20.6	25.4	26.3	22.9	16.4	2.1	2.3	2.7	2.7
G89.0	7.3	12.5	17.1	17.3	14.8	9.4	2.0	2.2	2.5	2.6
G90.0	3.7	7.1	10.1	10.8	8.5	4.7	2.1	2.2	2.5	2.4
G91.0	2.4	3.6	5.4	5.8	4.4	2.8	2.2	2.2	2.4	2.4
G92.0	2.5	3.0	3.7	3.8	3.2	2.6	2.4	2.3	2.4	2.3
G93.0	2.7	2.9	3.3	3.4	2.9	2.6	2.4	2.4	2.4	2.3
G94.0	2.8	2.9	3.2	3.2	2.8	2.6	2.6	2.5	2.4	2.3
G95.0	2.9	2.9	3.1	3.1	2.7	2.7	2.7	2.6	2.5	2.4
G96.0	3.0	3.1	3.0	3.0	2.7	2.8	3.0	2.8	2.6	2.5
G97.0	3.1	3.2	3.0	3.0	2.8	3.0	3.1	2.9	2.7	2.6
G98.0	3.3	3.3	3.1	3.0	2.9	3.1	3.2	3.0	2.8	2.7
G99.0	3.5	3.5	3.2	3.0	3.0	3.3	3.3	3.2	3.0	2.9
G100.0	3.6	3.6	3.3	3.1	3.1	3.4	3.5	3.3	3.1	3.0
G101.0	3.7	3.6	3.5	3.2	3.2	3.6	3.6	3.4	3.2	3.1
G102.0	3.9	3.8	3.6	3.4	3.4	3.7	3.8	3.6	3.4	3.3
G103.0	4.0	4.0	3.8	3.5	3.5	3.8	3.8	3.7	3.5	3.4
G104.0	4.2	4.2	3.9	3.6	3.7	4.0	4.0	3.8	3.6	3.5
G105.0	4.3	4.7	4.0	3.8	3.8	4.1	4.2	4.0	3.8	3.7
G106.0	4.5	4.6	4.2	3.9	4.0	4.3	4.3	4.1	3.9	3.8
G107.0	4.7	4.6	4.3	4.0	4.1	4.4	4.5	4.3	4.1	4.0
G108.0	4.8	4.7	4.4	4.2	4.2	4.6	4.6	4.4	4.2	4.1
G109.0	5.0	4.8	4.6	4.3	4.4	4.7	4.8	4.6	4.3	4.2
G110.0	5.1	5.0	4.7	4.5	4.6	4.9	4.9	4.7	4.5	4.4

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 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	5.3	5.1	4.9	4.6	4.7	5.1	5.1	4.9	4.6	4.6
G112.0	5.5	5.3	5.0	4.8	4.9	5.2	5.3	5.0	4.8	4.7
G113.0	5.6	5.4	5.2	4.9	5.0	5.4	5.4	5.2	4.9	4.8
G114.0	5.8	5.6	5.3	5.1	5.2	5.5	5.6	5.3	5.1	5.0
G115.0	5.9	5.7	5.5	5.2	5.3	5.7	5.7	5.5	5.2	5.1
G116.0	6.1	5.9	5.6	5.4	5.5	5.9	5.9	5.6	5.4	5.3
G117.0	6.3	6.1	5.8	5.5	5.7	6.0	6.1	5.8	5.5	5.5
G118.0	6.4	6.2	5.9	5.7	5.8	6.2	6.2	5.9	5.7	5.6
G119.0	6.6	6.3	6.1	5.9	6.0	6.3	6.3	6.1	5.8	5.8
G120.0	6.8	6.5	6.2	6.0	6.2	6.5	6.5	6.2	6.0	5.9
G121.0	6.9	6.7	6.4	6.2	6.3	6.6	6.6	6.3	6.2	6.1
G122.0	7.1	6.8	6.5	6.4	6.5	6.8	6.8	6.5	6.3	6.2
G123.0	7.3	6.9	6.7	6.6	6.7	7.0	7.0	6.7	6.5	6.4
G124.0	7.4	7.1	6.8	6.7	6.8	7.2	7.1	6.8	6.6	6.6
G125.0	7.6	7.3	7.0	6.9	7.0	7.3	7.3	7.0	6.8	6.7
G126.0	7.7	7.4	7.2	7.1	7.2	7.4	7.4	7.2	6.9	6.9
G127.0	7.9	7.6	7.3	7.2	7.3	7.6	7.6	7.3	7.1	7.0
G128.0	8.1	7.7	7.5	7.4	7.5	7.8	7.7	7.5	7.3	7.2
G129.0	8.2	7.9	7.6	7.6	7.7	7.9	7.9	7.6	7.4	7.4
G130.0	8.4	8.0	7.8	7.7	7.8	8.1	8.1	7.8	7.6	7.6
G131.0	8.6	8.2	7.9	7.9	8.0	8.3	8.2	8.0	7.8	7.7
G132.0	8.7	8.4	8.1	8.1	8.2	8.5	8.4	8.2	7.9	7.9
G133.0	8.9	8.5	8.3	8.3	8.3	8.6	8.6	8.4	8.1	8.0
G134.0	9.1	8.7	8.4	8.4	8.5	8.8	8.7	8.6	8.3	8.2
G135.0	9.2	8.9	8.6	8.6	8.6	9.0	8.9	8.9	8.4	8.4
G136.0	9.4	9.1	8.7	8.8	8.8	9.2	9.1	9.2	8.6	8.5
G137.0	9.6	9.3	8.9	9.0	9.0	9.4	9.2	9.4	8.8	8.7
G138.0	9.7	9.5	9.1	9.1	9.1	9.6	9.4	9.6	8.9	8.9
G139.0	9.9	9.7	9.2	9.3	9.3	9.9	9.6	9.7	9.1	9.0
G140.0	10.1	9.9	9.4	9.4	9.5	10.3	9.7	9.8	9.3	9.2
G141.0	10.2	10.1	9.6	9.6	9.7	10.5	9.9	9.9	9.4	9.3
G142.0	10.4	10.3	9.7	9.8	9.8	10.7	10.1	10.0	9.6	9.5
G143.0	10.6	10.5	9.9	10.0	10.0	10.9	10.3	10.2	9.8	9.7
G144.0	10.7	10.7	10.1	10.1	10.1	11.0	10.4	10.3	10.0	9.8
G145.0	10.8	10.9	10.2	10.3	10.3	11.1	10.6	10.5	10.1	10.0
G146.0	11.0	11.0	10.4	10.4	10.5	11.2	10.7	10.6	10.3	10.1
G147.0	11.1	11.1	10.6	10.6	10.6	11.3	10.9	10.8	10.4	10.3

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 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	11.3	11.2	10.7	10.7	10.8	11.4	11.0	10.9	10.6	10.5
G149.0	11.4	11.4	10.9	10.9	10.9	11.5	11.2	11.1	10.8	10.6
G150.0	11.6	11.5	11.1	11.0	11.1	11.6	11.3	11.2	11.1	10.8
G151.0	11.7	11.6	11.4	11.1	11.3	11.8	11.5	11.4	11.5	11.0
G152.0	11.8	11.8	11.6	11.3	11.5	11.9	11.6	11.5	11.7	11.2
G153.0	11.9	12.0	11.8	11.5	11.7	12.0	11.7	11.7	11.8	11.5
G154.0	12.1	12.1	12.0	11.7	12.1	12.1	11.9	11.8	11.8	11.8
G155.0	12.2	12.2	12.3	11.9	12.5	12.3	12.0	11.9	11.8	11.9
G156.0	12.3	12.3	12.6	12.1	12.8	12.4	12.1	12.0	11.8	11.9
G157.0	12.4	12.5	12.8	12.4	12.9	12.5	12.3	12.2	11.9	12.0
G158.0	12.6	12.6	12.9	12.9	12.9	12.6	12.4	12.3	12.0	12.0
G159.0	12.7	12.6	12.9	13.3	12.9	12.7	12.5	12.4	12.2	12.1
G160.0	12.8	12.9	12.9	13.4	12.8	12.9	12.6	12.5	12.4	12.3
G161.0	12.9	12.8	12.9	13.3	12.9	12.9	12.7	12.7	12.5	12.5
G162.0	12.9	12.8	13.0	13.2	13.0	13.0	12.9	12.8	12.6	12.6
G163.0	13.1	12.9	13.2	13.1	12.9	13.1	13.0	12.9	12.8	12.7
G164.0	13.2	13.0	13.2	13.2	13.0	13.2	13.1	13.0	13.0	12.8
G165.0	13.3	13.1	13.3	13.2	13.2	13.3	13.2	13.1	13.1	12.9
G166.0	13.4	13.2	13.4	13.2	13.4	13.4	13.3	13.3	13.3	12.9
G167.0	13.5	13.3	13.5	13.3	13.5	13.5	13.4	13.4	13.4	13.1
G168.0	13.6	13.4	13.5	13.4	13.7	13.5	13.5	13.5	13.6	13.2
G169.0	13.6	13.5	13.6	13.5	13.9	13.6	13.6	13.6	13.8	13.3
G170.0	13.7	13.5	13.6	13.5	14.0	13.7	13.7	13.8	13.8	13.4
G171.0	13.8	13.6	13.7	13.6	14.1	13.9	13.9	13.9	13.8	13.4
G172.0	13.8	13.7	13.7	13.7	14.1	14.1	14.1	14.1	13.7	13.6
G173.0	13.9	13.7	13.8	13.8	14.0	14.2	14.3	14.2	13.7	13.8
G174.0	14.0	13.8	13.8	13.9	13.8	14.3	14.4	14.2	13.8	13.9
G175.0	14.0	13.8	13.9	13.9	13.9	14.4	14.4	14.0	14.1	14.0
G176.0	14.1	13.9	13.9	14.0	14.1	14.2	14.1	13.9	14.1	14.1
G177.0	14.2	13.9	13.9	14.1	14.2	14.0	14.4	14.2	14.0	14.1
G178.0	14.2	14.0	14.0	14.1	14.1	14.3	14.3	14.1	14.0	14.2
G179.0	14.2	14.0	14.0	14.2	14.0	14.2	14.2	14.0	14.0	14.2
G180.0	14.2	14.0	14.0	14.2	14.0	14.1	14.2	14.1	14.0	14.2

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	1306.0	1305.3	1300.8							
G1.0	1305.5	1305.6	1301.4							
G2.0	1304.6	1304.6	1301.1							
G3.0	1303.3	1303.2	1299.9							
G4.0	1300.7	1301.2	1298.2							
G5.0	1297.9	1298.5	1295.7							
G6.0	1294.2	1295.1	1292.8							
G7.0	1290.2	1291.3	1289.1							
G8.0	1285.0	1286.5	1285.0							
G9.0	1279.5	1281.6	1280.3							
G10.0	1273.4	1275.9	1274.9							
G11.0	1266.3	1269.8	1268.9							
G12.0	1259.0	1262.7	1262.7							
G13.0	1251.2	1255.5	1255.9							
G14.0	1242.3	1247.8	1248.6							
G15.0	1233.3	1239.5	1240.8							
G16.0	1223.7	1230.2	1232.4							
G17.0	1213.5	1221.0	1223.6							
G18.0	1202.9	1211.0	1214.5							
G19.0	1191.9	1200.2	1204.7							
G20.0	1180.0	1189.4	1194.8							
G21.0	1168.2	1178.1	1183.5							
G22.0	1155.4	1166.4	1172.6							
G23.0	1142.8	1154.2	1161.2							
G24.0	1129.0	1141.3	1148.9							
G25.0	1115.3	1128.0	1137.0							
G26.0	1101.4	1114.8	1123.8							
G27.0	1086.3	1100.1	1111.1							
G28.0	1071.3	1085.8	1098.1							
G29.0	1055.8	1071.5	1083.8							
G30.0	1040.8	1056.2	1069.6							
G31.0	1024.6	1041.0	1055.0							
G32.0	1009.0	1025.3	1039.8							
G33.0	991.8	1009.1	1025.3							
G34.0	975.1	992.9	1010.3							
G35.0	958.4	976.1	994.1							
G36.0	941.4	959.5	978.1							

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	923.7	941.9	961.9							
G38.0	905.5	924.8	946.2							
G39.0	887.8	907.3	930.1							
G40.0	869.8	889.5	914.7							
G41.0	851.4	871.2	897.2							
G42.0	832.9	852.8	879.2							
G43.0	813.8	834.0	861.1							
G44.0	795.2	815.9	848.2							
G45.0	776.2	796.8	844.3							
G46.0	756.8	780.8	836.8							
G47.0	737.8	771.1	816.3							
G48.0	717.8	765.9	783.3							
G49.0	698.7	750.3	753.5							
G50.0	678.8	720.5	732.7							
G51.0	659.1	684.7	713.6							
G52.0	638.3	660.7	694.9							
G53.0	618.7	639.9	675.3							
G54.0	598.5	620.4	655.8							
G55.0	578.0	599.5	636.6							
G56.0	557.3	578.8	617.6							
G57.0	536.2	558.0	598.2							
G58.0	516.7	537.7	577.5							
G59.0	495.5	516.9	557.6							
G60.0	475.0	495.9	537.3							
G61.0	453.7	474.8	517.2							
G62.0	432.7	453.6	502.7							
G63.0	412.2	436.5	484.4							
G64.0	391.5	413.7	456.0							
G65.0	369.9	389.8	435.0							
G66.0	349.7	368.4	414.4							
G67.0	327.7	347.1	393.4							
G68.0	306.8	325.7	373.3							
G69.0	286.1	303.9	352.3							
G70.0	264.9	284.2	331.4							
G71.0	244.2	262.0	310.6							
G72.0	223.4	240.6	289.3							
G73.0	203.4	220.1	268.8							

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	183.3	198.9	248.6							
G75.0	163.9	179.1	227.2							
G76.0	144.7	159.2	207.4							
G77.0	126.0	140.1	187.1							
G78.0	107.4	120.8	167.8							
G79.0	90.1	102.1	148.1							
G80.0	73.5	85.0	129.8							
G81.0	58.5	68.8	111.1							
G82.0	44.5	53.2	94.1							
G83.0	32.3	39.6	77.0							
G84.0	22.6	27.6	61.5							
G85.0	14.4	17.6	46.9							
G86.0	8.1	10.3	34.1							
G87.0	3.8	5.3	23.0							
G88.0	2.6	2.5	14.1							
G89.0	2.4	2.2	7.3							
G90.0	2.3	2.1	3.7							
G91.0	2.3	2.1	2.4							
G92.0	2.3	2.3	2.5							
G93.0	2.3	2.3	2.7							
G94.0	2.4	2.5	2.8							
G95.0	2.5	2.6	2.9							
G96.0	2.7	2.7	3.0							
G97.0	2.8	2.8	3.1							
G98.0	2.9	2.9	3.3							
G99.0	3.0	3.1	3.5							
G100.0	3.1	3.2	3.6							
G101.0	3.3	3.4	3.7							
G102.0	3.4	3.5	3.9							
G103.0	3.5	3.6	4.0							
G104.0	3.7	3.8	4.2							
G105.0	3.8	3.9	4.3							
G106.0	3.9	4.1	4.5							
G107.0	4.1	4.2	4.7							
G108.0	4.2	4.4	4.8							
G109.0	4.4	4.5	5.0							
G110.0	4.7	4.6	5.1							

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G111.0	4.9	4.8	5.3							
G112.0	5.0	4.9	5.5							
G113.0	5.0	5.1	5.6							
G114.0	5.1	5.3	5.8							
G115.0	5.3	5.4	5.9							
G116.0	5.4	5.5	6.1							
G117.0	5.5	5.7	6.3							
G118.0	5.7	5.8	6.4							
G119.0	5.8	6.0	6.6							
G120.0	6.0	6.1	6.8							
G121.0	6.1	6.3	6.9							
G122.0	6.3	6.4	7.1							
G123.0	6.4	6.6	7.3							
G124.0	6.6	6.7	7.4							
G125.0	6.7	6.9	7.6							
G126.0	6.9	7.0	7.7							
G127.0	7.0	7.2	7.9							
G128.0	7.2	7.4	8.1							
G129.0	7.4	7.5	8.2							
G130.0	7.5	7.7	8.4							
G131.0	7.7	7.9	8.6							
G132.0	7.9	8.1	8.7							
G133.0	8.0	8.3	8.9							
G134.0	8.2	8.6	9.1							
G135.0	8.3	8.9	9.2							
G136.0	8.5	9.1	9.4							
G137.0	8.7	9.2	9.6							
G138.0	8.8	9.3	9.7							
G139.0	9.0	9.4	9.9							
G140.0	9.1	9.6	10.1							
G141.0	9.3	9.7	10.2							
G142.0	9.5	9.9	10.4							
G143.0	9.7	10.0	10.6							
G144.0	9.9	10.1	10.7							
G145.0	10.0	10.3	10.8							
G146.0	10.2	10.5	11.0							
G147.0	10.4	10.6	11.1							

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G148.0	10.6	10.7	11.3							
G149.0	11.0	10.9	11.4							
G150.0	11.3	11.0	11.6							
G151.0	11.6	11.2	11.7							
G152.0	11.8	11.3	11.8							
G153.0	11.8	11.5	11.9							
G154.0	11.8	11.6	12.1							
G155.0	11.9	11.7	12.2							
G156.0	12.0	11.9	12.3							
G157.0	12.1	12.0	12.4							
G158.0	12.2	12.1	12.6							
G159.0	12.3	12.3	12.7							
G160.0	12.5	12.4	12.8							
G161.0	12.6	12.5	12.9							
G162.0	12.6	12.6	12.9							
G163.0	12.7	12.7	13.1							
G164.0	12.8	12.9	13.2							
G165.0	12.9	13.0	13.3							
G166.0	13.0	13.1	13.4							
G167.0	13.1	13.2	13.5							
G168.0	13.3	13.3	13.6							
G169.0	13.4	13.3	13.6							
G170.0	13.5	13.5	13.7							
G171.0	13.5	13.6	13.8							
G172.0	13.6	13.7	13.8							
G173.0	13.7	13.8	13.9							
G174.0	13.8	13.8	14.0							
G175.0	13.9	13.9	14.0							
G176.0	13.9	14.0	14.1							
G177.0	14.0	14.0	14.2							
G178.0	14.0	14.0	14.2							
G179.0	14.0	14.1	14.2							
G180.0	14.0	14.1	14.2							

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: weiweiruo

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector: