

Report No.: 20200708

Test Time: 2020-07-14 14:16

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: NB

Luminaire Description: MX601A-LD40WDD-4FT 下沉面罩 四色温

Lamp Catalog: 4000K

Lumens per Lamp: 32-35LM

Luminous Width (mm): 100

Voltage: 118.9 V

Power: 39.60 W

Number of Lamps: 112

Luminous Length (mm): 1200

Luminous Height (mm): 105

Current: 0.334 A

Power Factor: 0.997

Photometric Results

CIE Class: Direct

Measurement Flux: 3432.9 lm

Downward Ratio: 94.40%

Field Angle: H160.7 V149.0

Luminaire Efficacy Rating (LER): 87

Max. Intensity: 1233.19 cd

Total Rated Lamp Lumens: 3584.0 lm

Efficiency: 95.78%

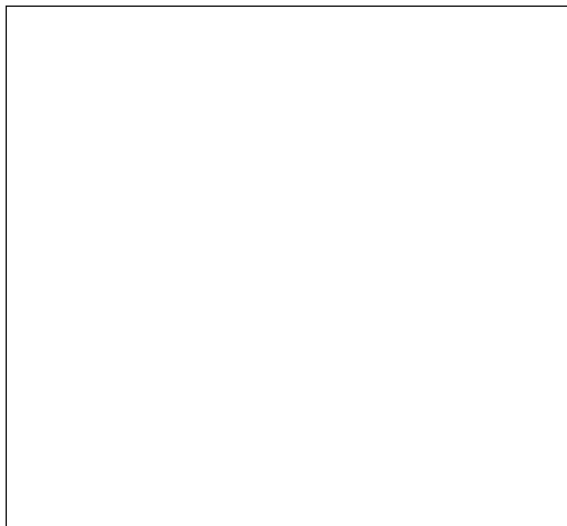
Upward Ratio: 1.38%

Beam Angle: H115.1 V107.5

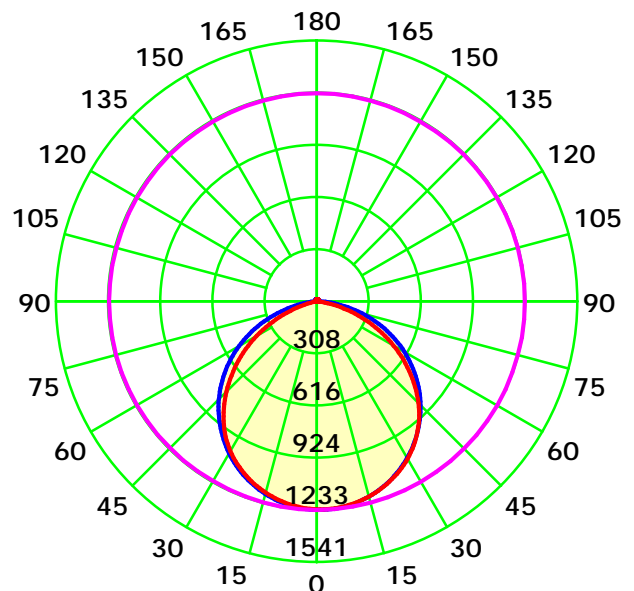
Central Intensity: 1232.92 cd

Pos of Max. Intensity: H0 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 111.3° Unit: cd

— C0-C180 — C90-C270 — G2

C Plane (°):0.0-360.0: 30.0

Test Lab: 70

Test Type: TYPE C

Temperature: 23

Operator: QIU

Gamma Plane (°):0.0-180.0:1.0

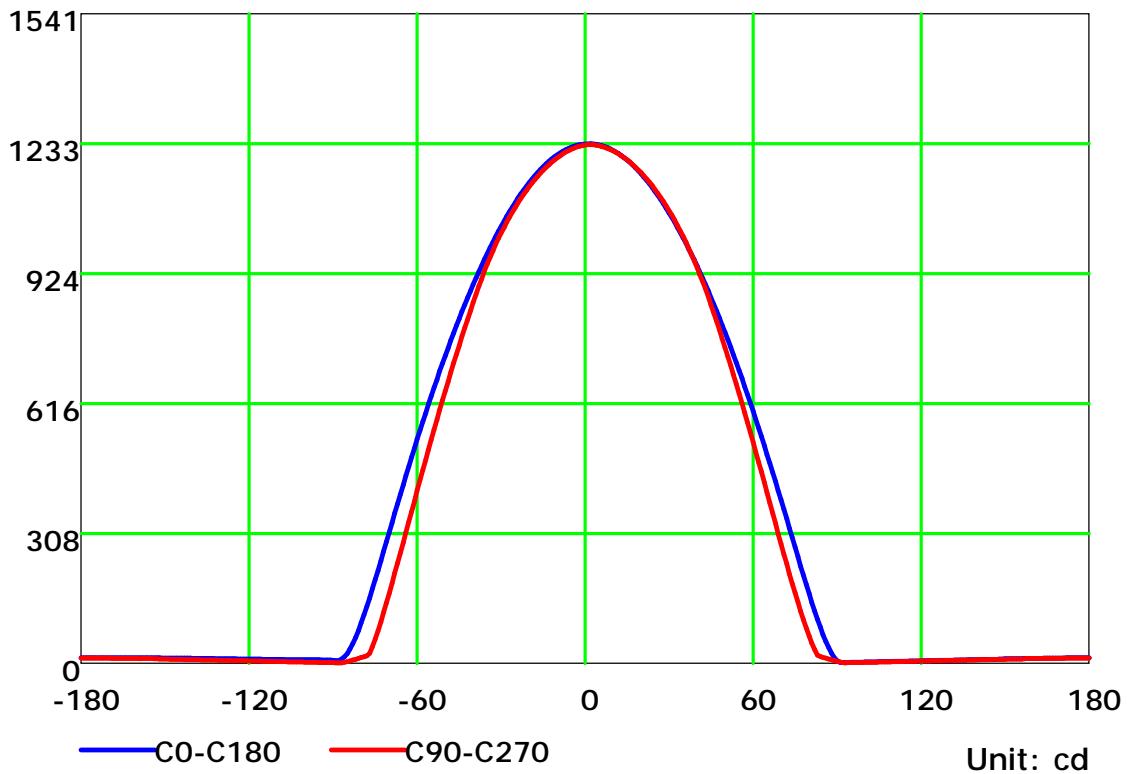
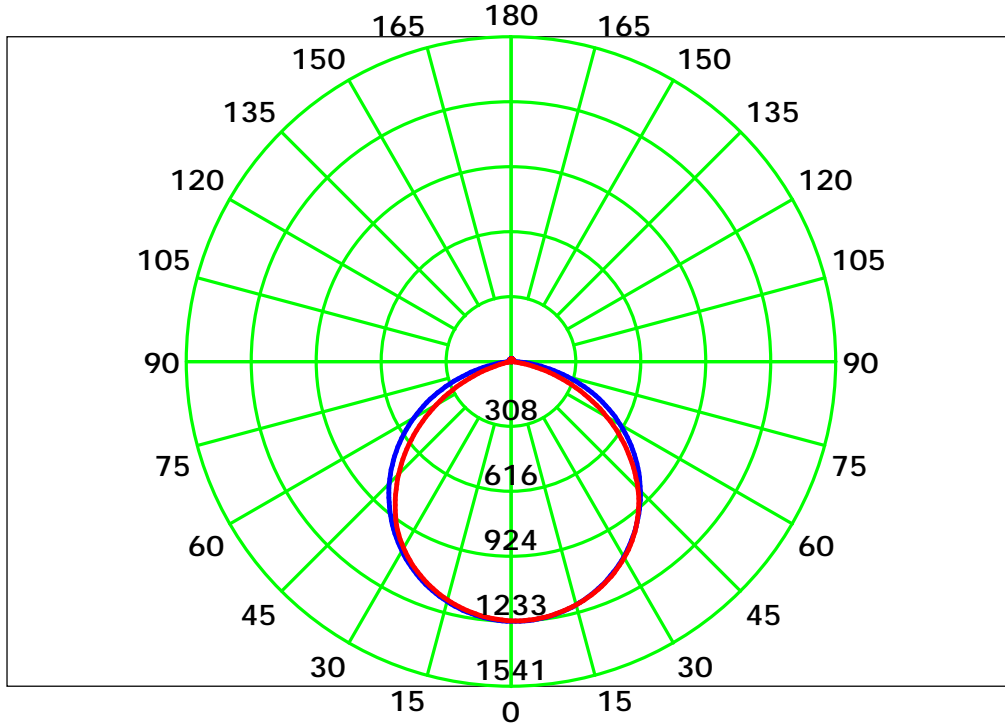
Test Device: GPM-1600L

Distance: 8.690 m

Humidity: 88

Inspector:

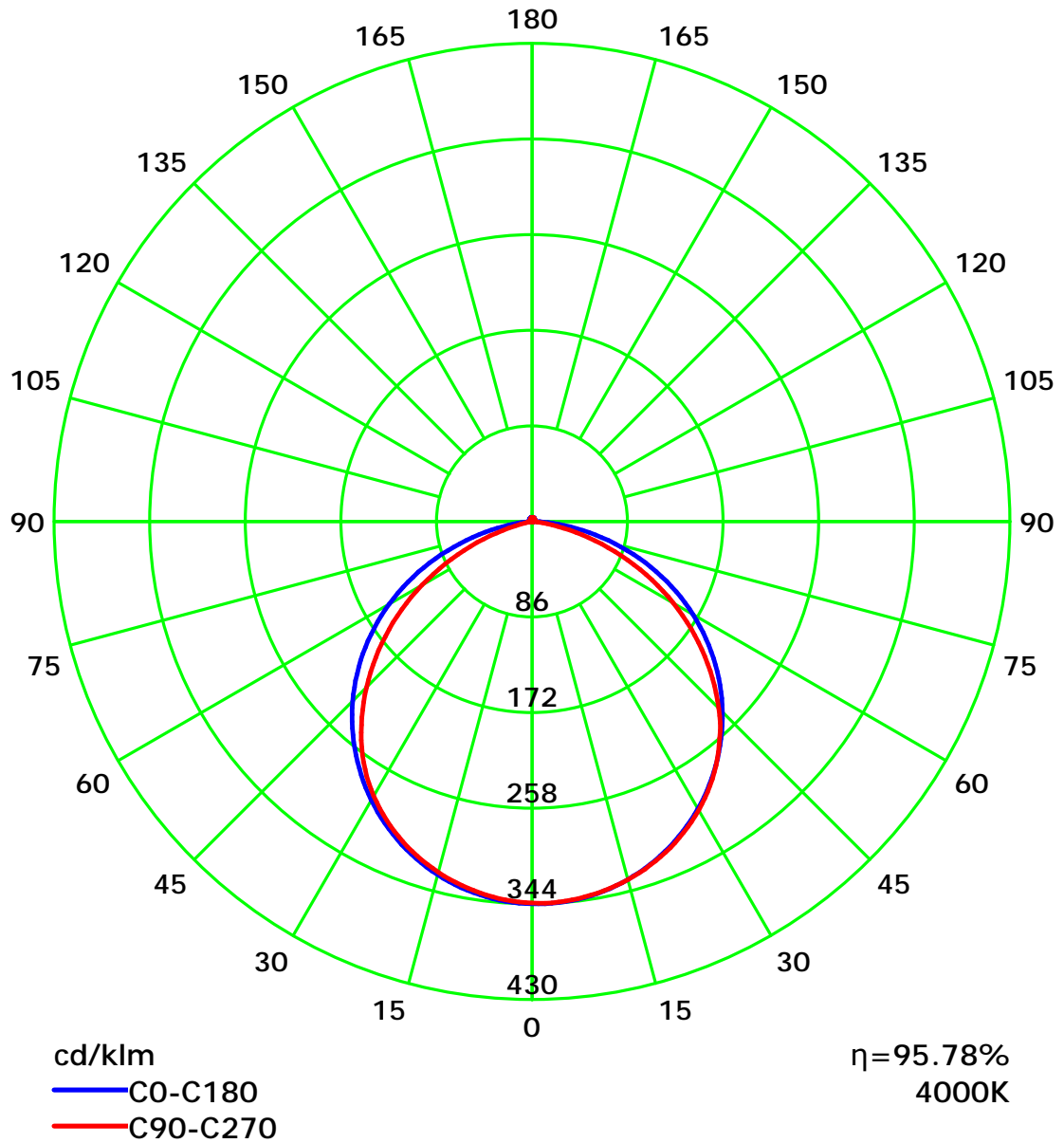
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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)



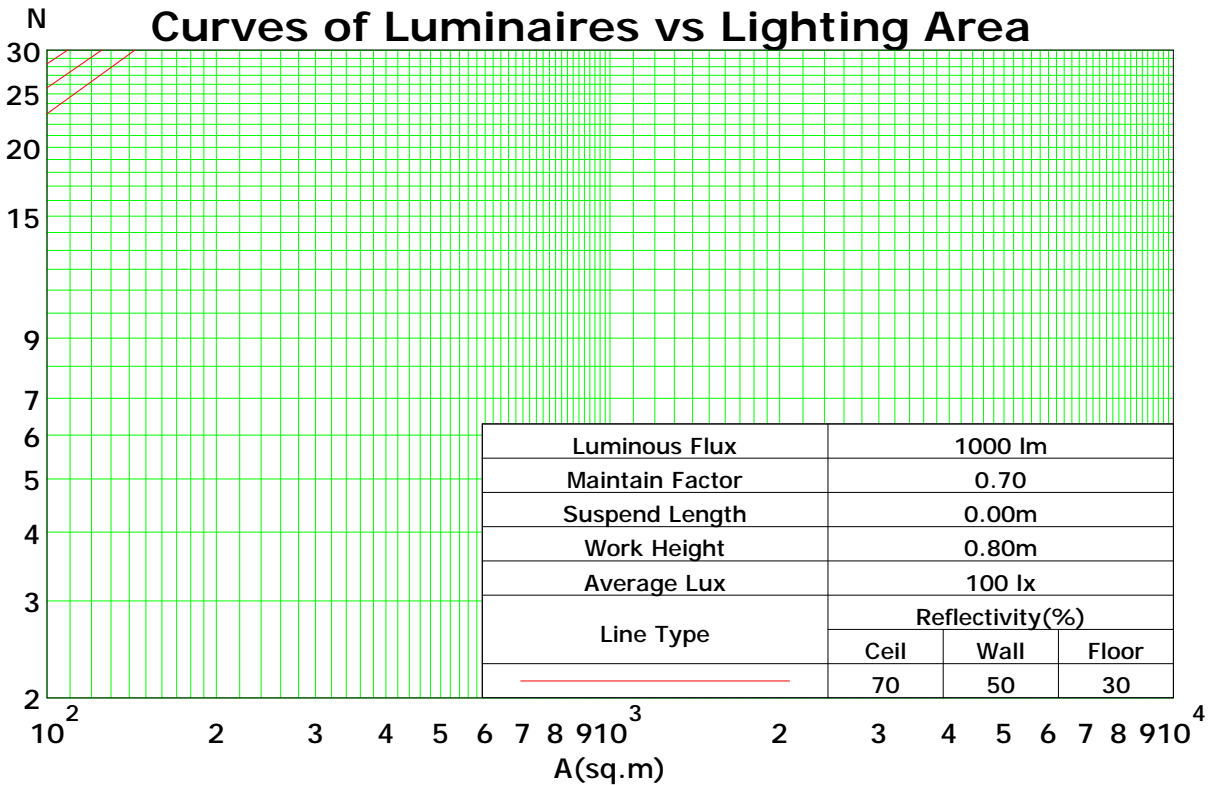
C Plane (°):0.0-360.0: 30.0
Test Lab: 70
Test Type: TYPE C
Temperature: 23
Operator: QIU

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	114	114	114	114	111	111	111	111	106	106	106	101	101	101	96	96	96	94
1	105	100	96	93	102	98	94	91	94	91	88	90	87	85	86	84	82	80
2	95	88	81	76	93	86	80	75	82	77	73	79	75	71	76	72	70	67
3	87	77	70	64	85	76	69	63	73	67	62	70	65	60	67	63	59	57
4	80	68	60	54	77	67	59	53	65	58	53	62	56	52	60	55	51	49
5	73	61	53	46	71	60	52	46	58	51	46	56	50	45	54	49	44	42
6	68	55	47	41	66	54	46	40	52	45	40	51	44	39	49	43	39	37
7	63	50	42	36	61	49	41	36	47	40	35	46	40	35	45	39	35	33
8	58	46	37	32	57	45	37	32	43	36	32	42	36	31	41	35	31	29
9	55	42	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	26
10	51	39	31	26	50	38	31	26	37	30	26	36	30	26	35	29	25	24

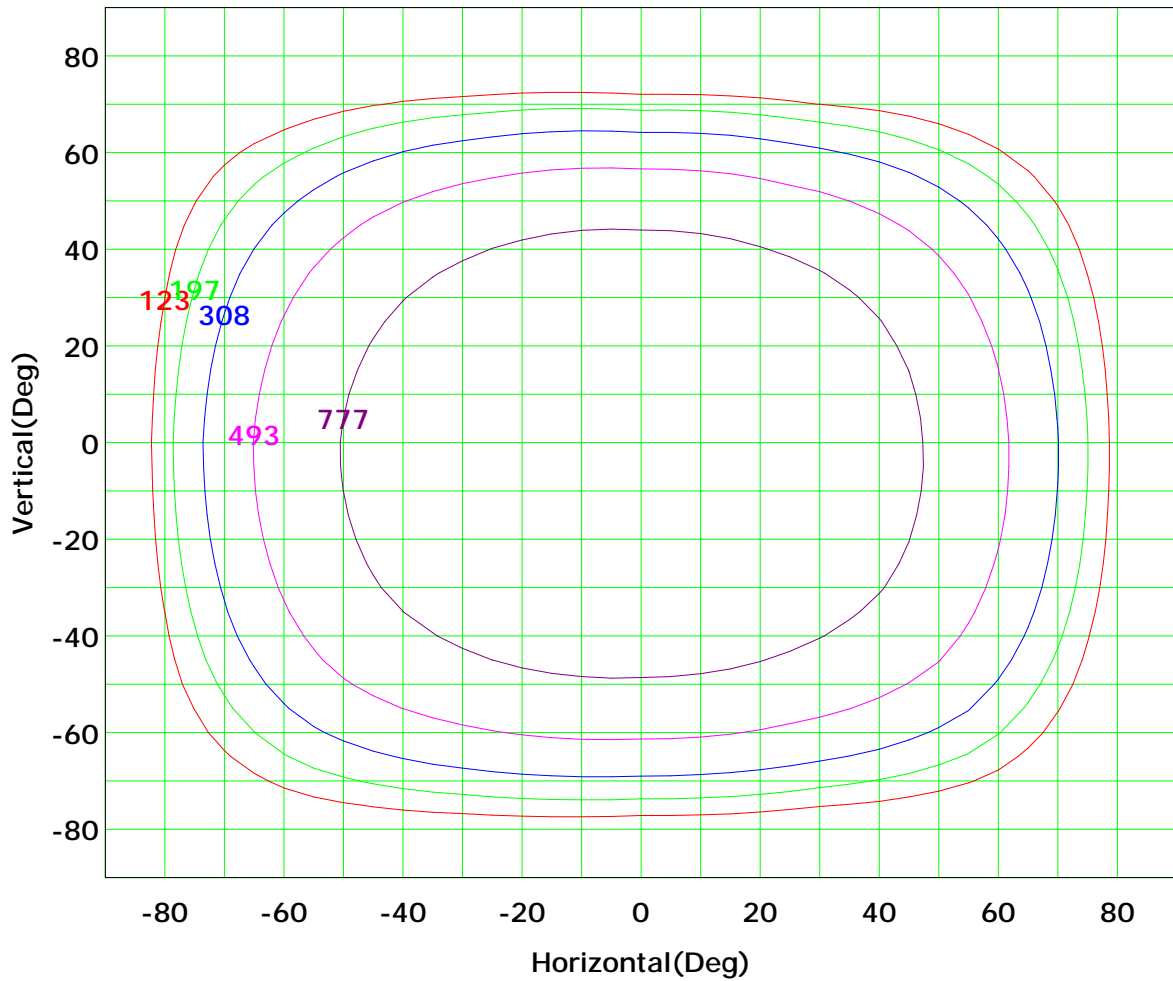
Spacing Criteria (0-180): 1.27
 Spacing Criteria (90-270): 1.27
 Spacing Criteria (Diagonal): 1.38



C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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

Isocandela (rectangle)



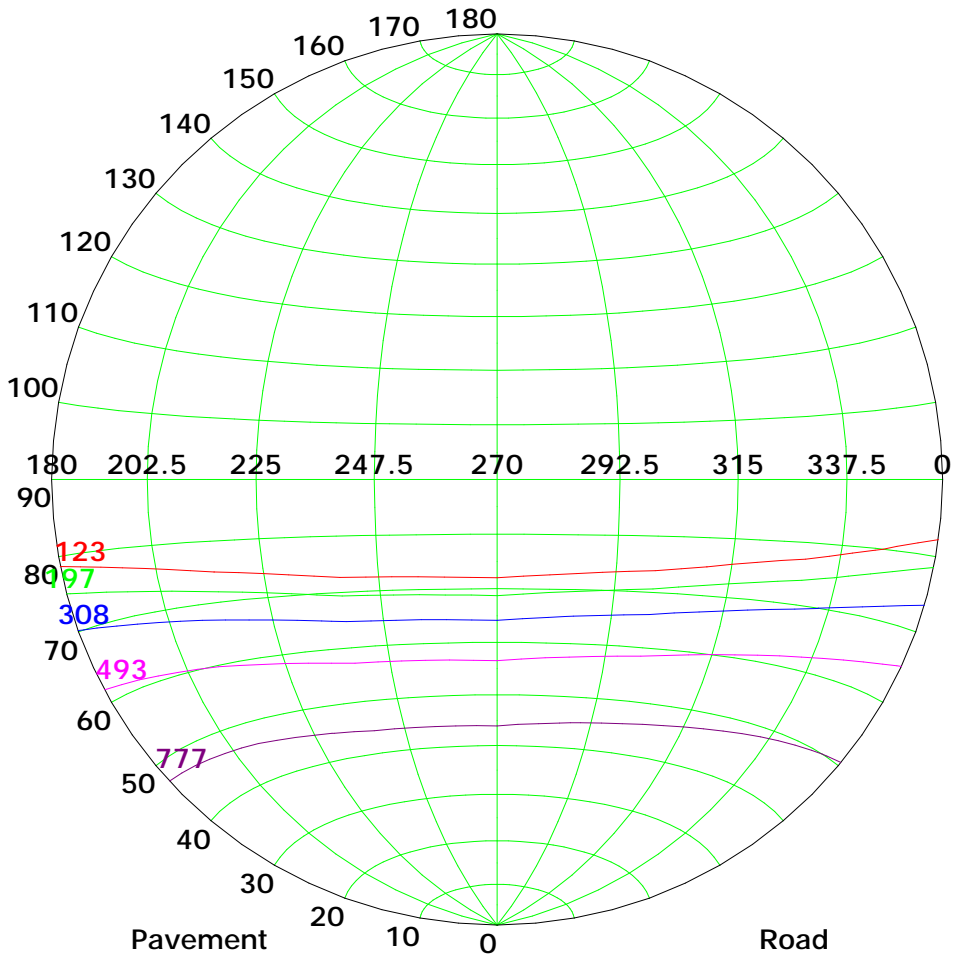
Imax (100%): 1233 cd

— (10%): 123 cd	— (16%): 197 cd
— (25%): 308 cd	— (40%): 493 cd
— (63%): 777 cd	— (100%): 1233 cd

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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

Isocandela (sphere)



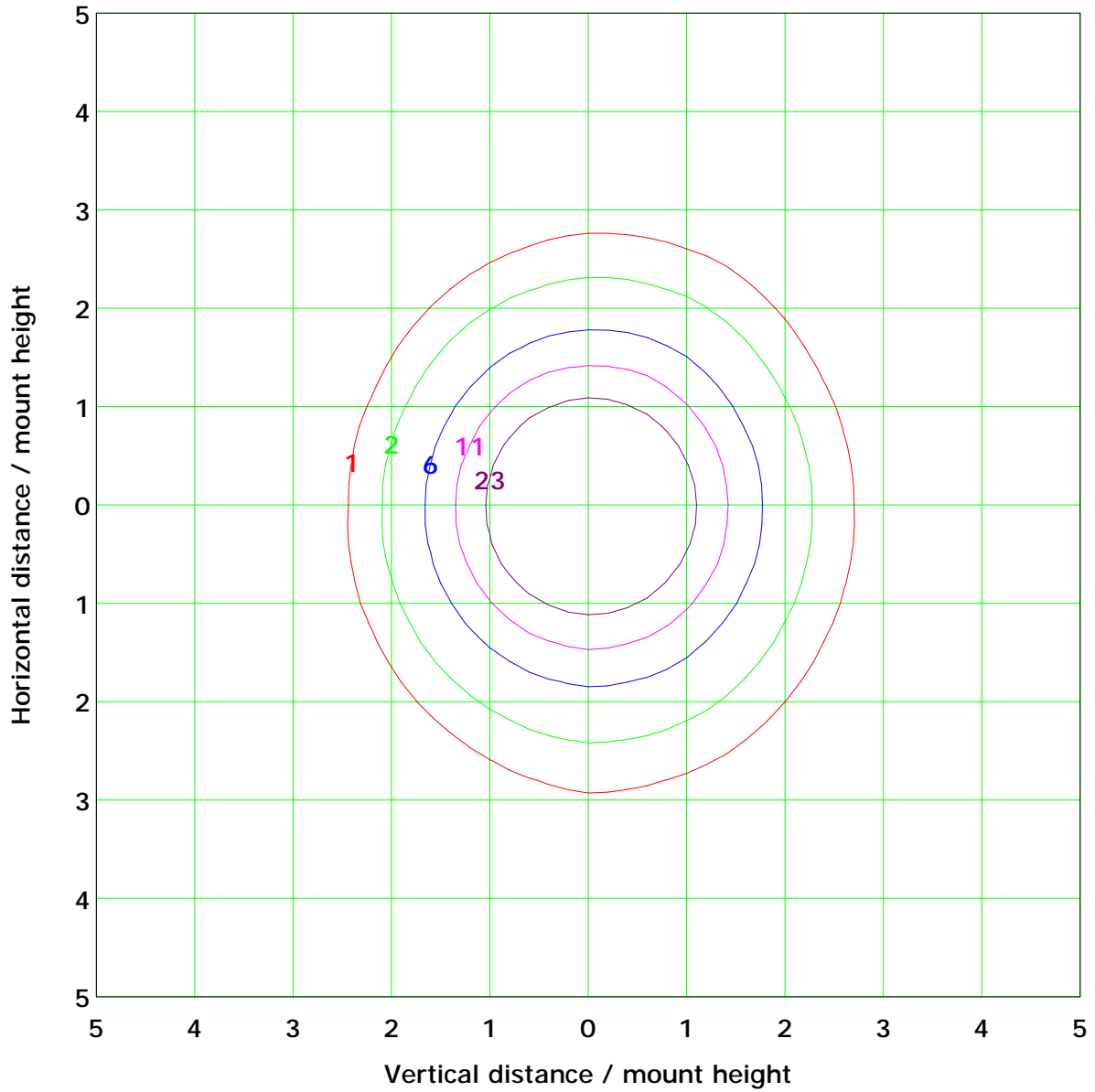
Imax (100%): 1233 cd

— (10%): 123 cd	— (16%): 197 cd
— (25%): 308 cd	— (40%): 493 cd
— (63%): 777 cd	— (100%): 1233 cd

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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

IsoLux Plot



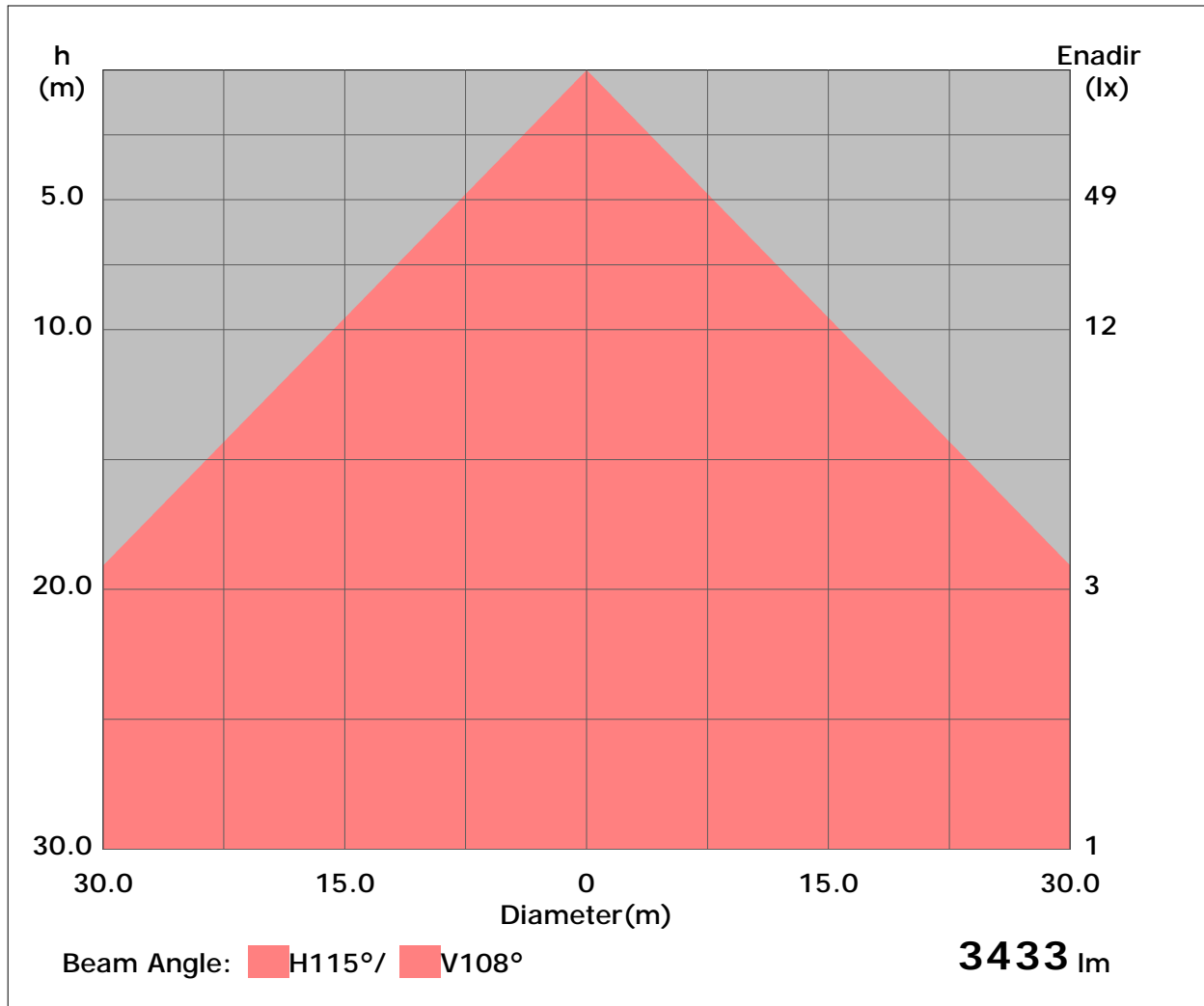
Mounting Height: 3.3m Max Lux(100%): 113.2 lx

— (1%): 1.1 lx	— (2%): 2.3 lx
— (5%): 5.7 lx	— (10%): 11.3 lx
— (20%): 22.6 lx	

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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

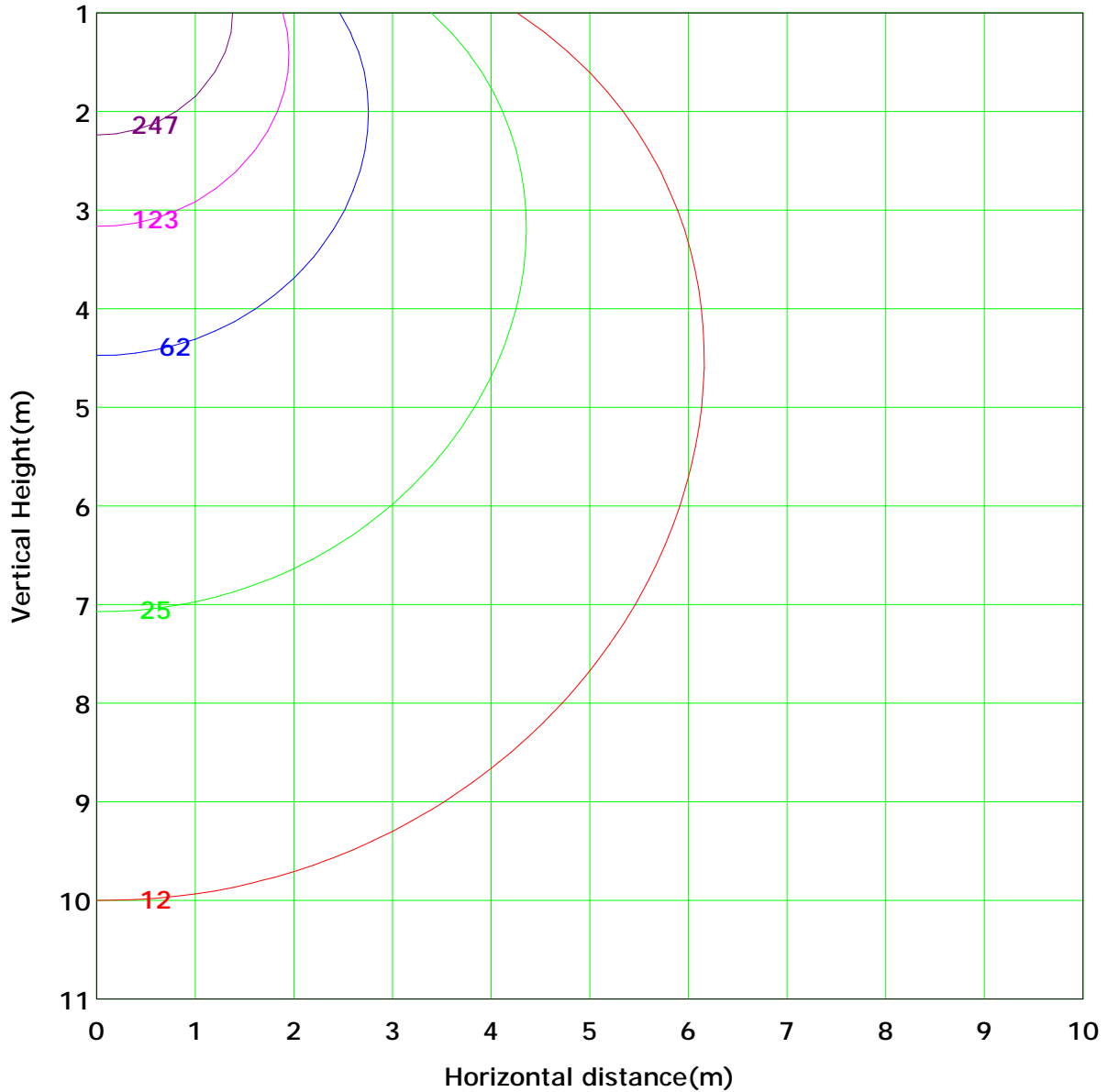
Illuminance at a Distance



C Plane (°): 0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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: 1232.9 lx
 (1%): 12.3 lx (2%): 24.7 lx
 (5%): 61.6 lx (10%): 123.3 lx
 (20%): 246.6 lx

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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

Area Flux Table

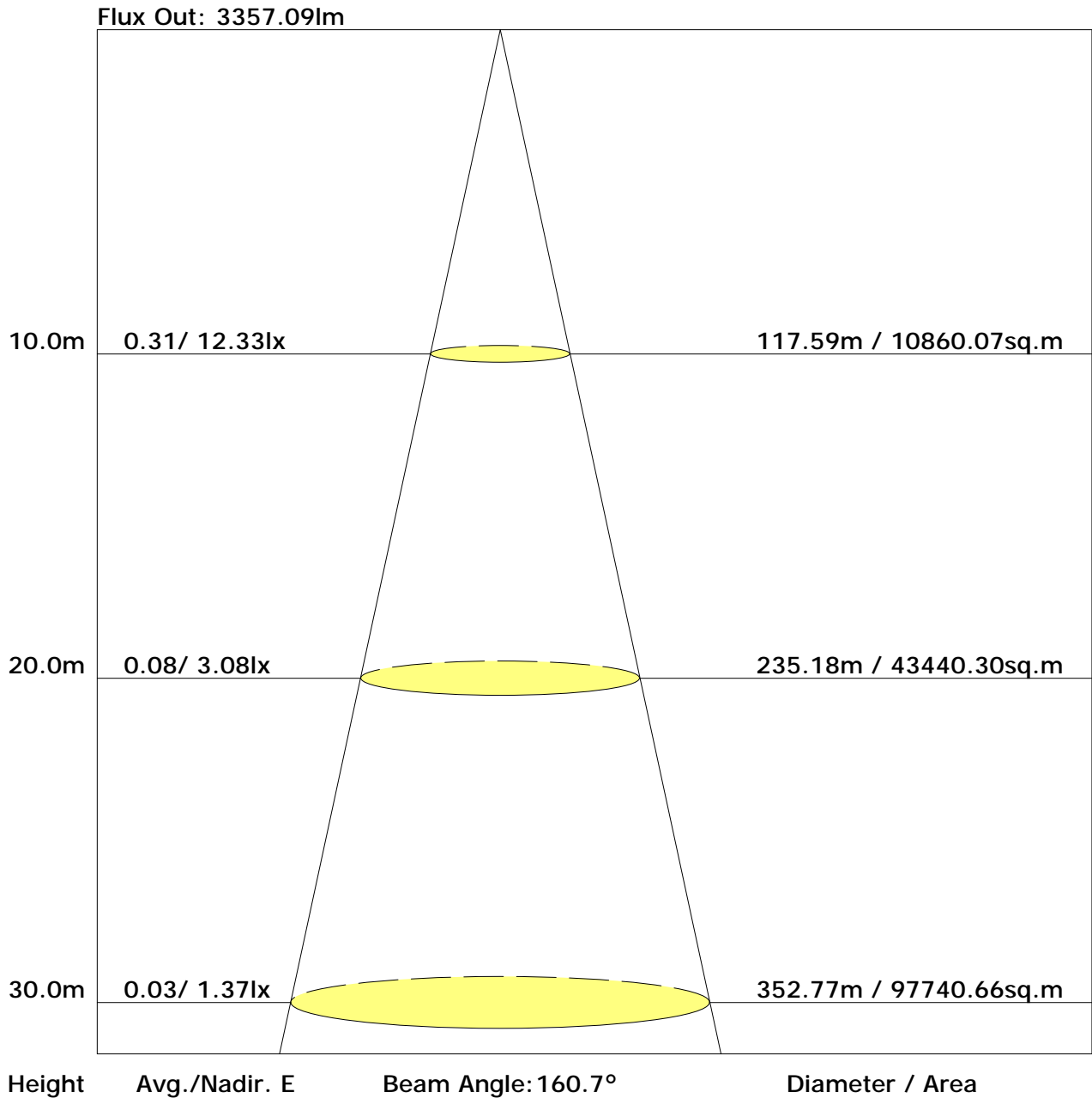
Unit: lm

		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	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3331	3383
		1.2	15.1	52.5	110.2	178.4	246.9	308.1	355.9	382.2	385.0	363.9	319.7	260.1	192.1	123.2	63.6	22.0	2.7	0.6		
90	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	18.9	60.8
80	0.0	0.1	0.1	0.6	1.3	2.2	3.1	3.9	4.7	5.1	5.3	5.1	4.5	3.7	2.8	1.8	0.9	0.3	0.1	0.0	32.3	45.7
70	0.0	0.4	1.4	3.3	5.4	7.6	9.6	11.3	12.2	12.4	11.8	10.4	8.4	6.2	4.0	2.0	0.7	0.1	0.1	0.1	105.1	107.3
60	0.0	0.6	2.5	5.5	8.9	12.3	15.4	17.9	19.3	19.5	18.4	16.2	13.2	9.7	6.2	3.1	1.0	0.1	0.1	0.1	168.9	170.0
50	0.1	0.9	3.4	7.4	12.0	16.5	20.6	23.8	25.5	25.7	24.3	21.4	17.4	12.9	8.2	4.2	1.4	0.2	0.2	0.2	225.2	225.9
40	0.1	1.2	4.3	9.0	14.5	19.8	24.6	28.3	30.4	30.6	28.9	25.4	20.7	15.4	9.9	5.1	1.7	0.2	0.2	0.2	269.4	269.9
30	0.1	1.4	4.9	10.1	16.2	22.2	27.5	31.5	33.7	33.9	32.0	28.2	23.0	17.1	11.0	5.7	2.0	0.2	0.2	0.2	300.4	300.9
20	0.1	1.6	5.3	10.8	17.2	23.6	29.2	33.5	35.9	36.1	34.0	30.0	24.5	18.2	11.8	6.2	2.2	0.3	0.3	0.3	319.9	320.3
10	0.1	1.7	5.5	11.1	17.6	24.2	30.0	34.4	36.9	37.1	34.9	30.8	25.1	18.7	12.2	6.4	2.3	0.3	0.3	0.3	329.0	329.3
0	0.1	1.6	5.4	11.0	17.5	24.0	29.8	34.2	36.7	36.8	34.7	30.5	24.9	18.5	12.0	6.3	2.2	0.3	0.3	0.3	326.2	326.6
-10	0.1	1.5	5.1	10.4	16.7	23.0	28.6	32.8	35.2	35.3	33.2	29.2	23.8	17.6	11.4	5.9	2.1	0.2	0.2	0.2	311.7	312.1
-20	0.1	1.3	4.5	9.4	15.2	21.1	26.3	30.3	32.5	32.7	30.8	27.0	23.6	19.1	14.0	8.8	4.5	1.5	0.2	0.2	286.5	287.0
-30	0.1	1.0	3.7	8.0	13.1	18.3	22.9	26.5	28.4	28.6	27.0	23.6	19.1	14.0	8.8	4.5	1.5	0.2	0.2	0.2	248.7	249.3
-40	0.1	0.7	2.8	6.1	10.2	14.4	18.2	21.1	22.7	22.9	21.7	19.0	15.3	11.1	7.0	3.5	1.2	0.1	0.1	0.1	197.3	198.3
-50	0.0	0.4	1.8	4.0	6.9	9.9	12.6	14.8	16.0	16.2	15.4	13.4	10.8	7.8	4.8	2.4	0.8	0.1	0.1	0.1	136.6	138.3
-60	0.0	0.2	0.8	1.9	3.5	5.1	6.6	8.0	8.7	8.9	8.5	7.4	6.0	4.3	2.6	1.3	0.5	0.1	0.1	0.1	69.5	74.4
-70	0.0	0.1	0.2	0.4	0.8	1.1	1.5	1.9	2.1	2.2	2.3	2.0	1.6	1.2	0.7	0.4	0.2	0.0	0.0	0.0	4.7	19.0
-80	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	2.2
-90	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0

C Plane (°): 0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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

UGR Table

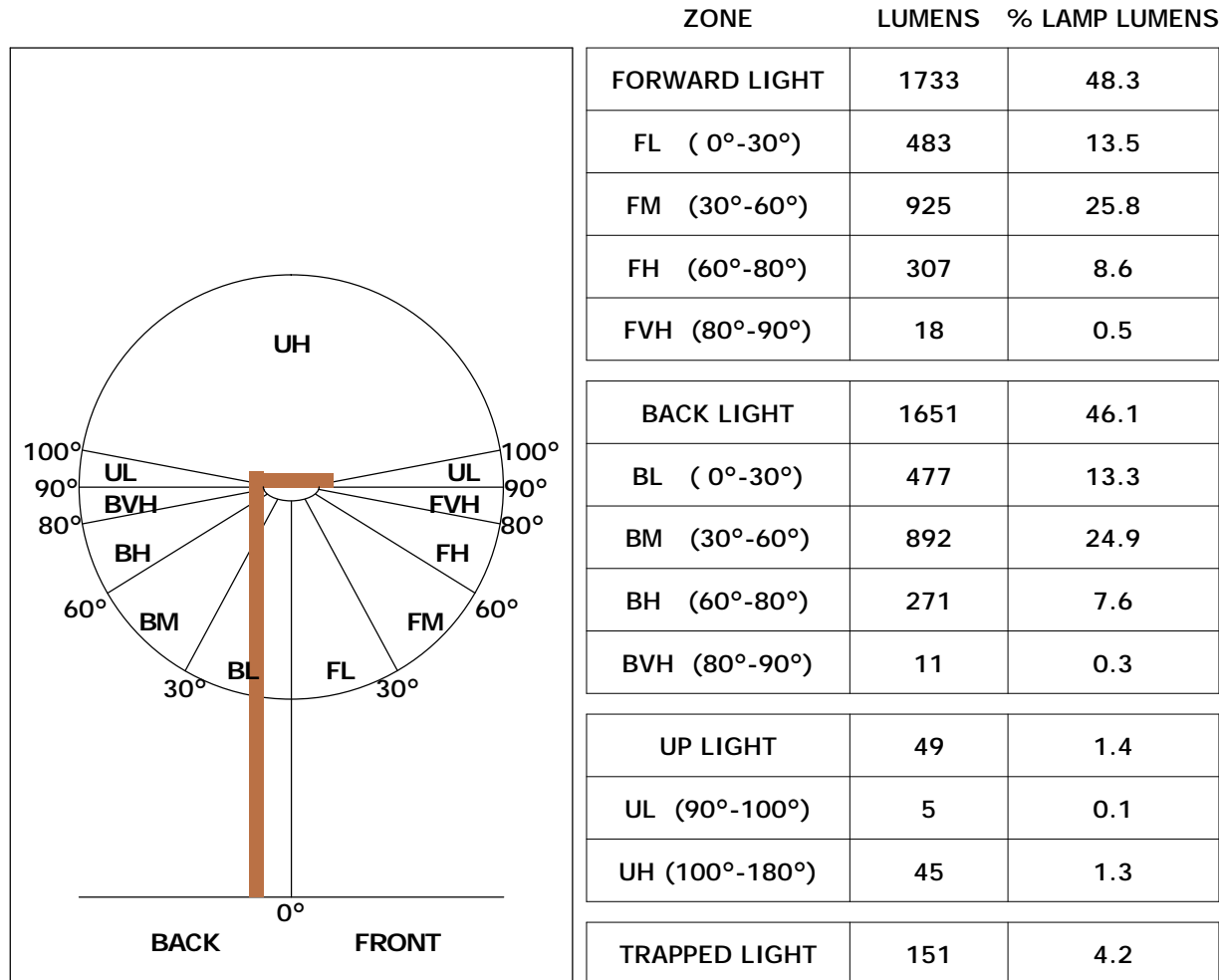
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	14.3	15.9	14.7	16.2	16.6	12.3	13.8	12.6	14.2	14.5
3H	16.1	17.5	16.5	17.9	18.3	13.3	14.8	13.7	15.1	15.5
4H	16.7	18.1	17.2	18.4	18.9	13.6	14.9	14.0	15.3	15.7
6H	17.2	18.4	17.6	18.8	19.2	13.6	14.9	14.1	15.3	15.7
8H	17.3	18.5	17.8	18.9	19.3	13.6	14.8	14.1	15.2	15.6
12H	17.4	18.5	17.8	18.9	19.4	13.6	14.7	14.0	15.1	15.6
X=4H Y=2H	14.5	15.9	15.0	16.2	16.7	12.9	14.2	13.3	14.6	15.0
3H	16.5	17.6	16.9	18.0	18.4	14.1	15.2	14.6	15.7	16.1
4H	17.2	18.2	17.6	18.6	19.1	14.4	15.4	14.9	15.9	16.3
6H	17.7	18.6	18.2	19.0	19.5	14.5	15.4	15.0	15.9	16.4
8H	17.8	18.7	18.3	19.1	19.6	14.5	15.3	15.0	15.8	16.3
12H	17.9	18.7	18.4	19.2	19.7	14.5	15.2	15.0	15.7	16.2
X=8H Y=4H	17.2	18.0	17.7	18.5	19.0	14.7	15.5	15.1	15.9	16.4
6H	17.7	18.4	18.3	18.9	19.4	14.8	15.4	15.3	16.0	16.5
8H	17.9	18.5	18.4	19.0	19.5	14.8	15.4	15.3	15.9	16.4
12H	18.0	18.5	18.5	19.1	19.6	14.7	15.3	15.3	15.8	16.4
X=12H Y=4H	17.2	17.9	17.7	18.4	18.9	14.7	15.4	15.2	15.9	16.4
6H	17.7	18.3	18.3	18.8	19.4	14.8	15.4	15.3	15.9	16.5
8H	17.9	18.4	18.4	18.9	19.5	14.8	15.3	15.3	15.8	16.4

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	0.55	0.65	0.72	0.78	0.85	0.89	0.93	0.97	0.99	
	0.30		0.48	0.58	0.66	0.71	0.79	0.84	0.88	0.93	0.96	
	0.20		0.42	0.53	0.60	0.66	0.74	0.80	0.84	0.90	0.93	
0.50	0.50	0.20	0.53	0.63	0.70	0.75	0.81	0.86	0.89	0.93	0.95	
	0.30		0.47	0.57	0.64	0.69	0.77	0.82	0.85	0.90	0.93	
	0.20		0.42	0.52	0.59	0.65	0.72	0.78	0.82	0.87	0.90	
0.30	0.50	0.20	0.52	0.61	0.68	0.72	0.78	0.82	0.85	0.89	0.91	
	0.30		0.46	0.56	0.63	0.68	0.74	0.79	0.82	0.87	0.89	
	0.20		0.42	0.51	0.58	0.64	0.71	0.76	0.80	0.84	0.87	
0.00	0.00	0.00	0.39	0.49	0.56	0.61	0.67	0.72	0.75	0.80	0.83	
<p>Rating: 40W 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	0.94	0.77	0.65	0.56	0.44	0.37	0.31	0.24	0.19	
	0.30		0.78	0.66	0.56	0.50	0.40	0.34	0.29	0.22	0.18	
	0.20		0.67	0.57	0.50	0.45	0.37	0.31	0.27	0.21	0.18	
0.50	0.50	0.20	0.90	0.73	0.62	0.54	0.42	0.38	0.29	0.23	0.18	
	0.30		0.76	0.64	0.55	0.48	0.39	0.32	0.28	0.21	0.18	
	0.20		0.66	0.56	0.49	0.43	0.36	0.30	0.26	0.20	0.17	
0.30	0.50	0.20	0.87	0.70	0.59	0.51	0.40	0.33	0.28	0.21	0.17	
	0.30		0.74	0.62	0.53	0.46	0.37	0.31	0.26	0.20	0.17	
	0.20		0.65	0.55	0.48	0.42	0.34	0.29	0.25	0.20	0.16	
0.00	0.00	0.00	0.55	0.46	0.39	0.34	0.27	0.22	0.19	0.15	0.12	
<p>Rating: 40W 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	0.17	0.18	0.19	0.19	0.20	0.21	0.21	0.22	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	0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.18	
0.50	0.50	0.20	0.16	0.17	0.18	0.19	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	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	
0.30	0.50	0.20	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.20	0.20	
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.18	
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.14	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	
<p>Rating: 40W 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	1230.4	1.2	1.2	0.03	0.03
1.0-2.0	1229.9	3.5	4.7	0.10	0.13
2.0-3.0	1229.1	5.9	10.6	0.16	0.30
3.0-4.0	1227.7	8.2	18.8	0.23	0.52
4.0-5.0	1226.0	10.5	29.4	0.29	0.82
5.0-6.0	1223.9	12.9	42.2	0.36	1.18
6.0-7.0	1221.3	15.2	57.4	0.42	1.60
7.0-8.0	1218.3	17.4	74.8	0.49	2.09
8.0-9.0	1214.9	19.7	94.5	0.55	2.64
9.0-10.0	1211.1	21.9	116.4	0.61	3.25
10.0-11.0	1206.9	24.1	140.5	0.67	3.92
11.0-12.0	1202.4	26.3	166.8	0.73	4.66
12.0-13.0	1197.5	28.4	195.3	0.79	5.45
13.0-14.0	1192.2	30.5	225.8	0.85	6.30
14.0-15.0	1186.5	32.6	258.4	0.91	7.21
15.0-16.0	1180.4	34.6	293.0	0.97	8.17
16.0-17.0	1174.0	36.6	329.5	1.02	9.19
17.0-18.0	1167.2	38.5	368.0	1.07	10.27
18.0-19.0	1160.0	40.4	408.4	1.13	11.39
19.0-20.0	1152.4	42.2	450.6	1.18	12.57
20.0-21.0	1144.5	44.0	494.5	1.23	13.80
21.0-22.0	1136.1	45.7	540.2	1.27	15.07
22.0-23.0	1127.5	47.3	587.5	1.32	16.39
23.0-24.0	1118.4	48.9	636.4	1.36	17.76
24.0-25.0	1108.9	50.4	686.8	1.41	19.16
25.0-26.0	1099.1	51.9	738.7	1.45	20.61
26.0-27.0	1089.0	53.3	792.0	1.49	22.10
27.0-28.0	1078.5	54.6	846.6	1.52	23.62
28.0-29.0	1067.5	55.9	902.5	1.56	25.18
29.0-30.0	1056.2	57.0	959.5	1.59	26.77
30.0-31.0	1044.5	58.1	1017.6	1.62	28.39
31.0-32.0	1032.4	59.2	1076.8	1.65	30.04
32.0-33.0	1019.9	60.1	1136.9	1.68	31.72
33.0-34.0	1007.0	61.0	1197.8	1.70	33.42
34.0-35.0	993.7	61.7	1259.6	1.72	35.14
35.0-36.0	979.9	62.4	1322.0	1.74	36.88

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	965.8	63.0	1384.9	1.76	38.64
37.0-38.0	951.2	63.5	1448.4	1.77	40.41
38.0-39.0	936.0	63.9	1512.3	1.78	42.20
39.0-40.0	920.5	64.2	1576.5	1.79	43.99
40.0-41.0	904.5	64.4	1641.0	1.80	45.79
41.0-42.0	888.1	64.5	1705.5	1.80	47.59
42.0-43.0	871.3	64.6	1770.1	1.80	49.39
43.0-44.0	854.1	64.5	1834.5	1.80	51.19
44.0-45.0	836.5	64.3	1898.8	1.79	52.98
45.0-46.0	818.6	64.0	1962.8	1.79	54.77
46.0-47.0	800.3	63.7	2026.5	1.78	56.54
47.0-48.0	781.5	63.2	2089.7	1.76	58.31
48.0-49.0	762.3	62.6	2152.3	1.75	60.05
49.0-50.0	742.8	61.9	2214.2	1.73	61.78
50.0-51.0	723.0	61.2	2275.4	1.71	63.49
51.0-52.0	702.8	60.3	2335.7	1.68	65.17
52.0-53.0	682.4	59.4	2395.1	1.66	66.83
53.0-54.0	661.7	58.3	2453.4	1.63	68.46
54.0-55.0	640.5	57.2	2510.6	1.60	70.05
55.0-56.0	619.0	55.9	2566.6	1.56	71.61
56.0-57.0	597.3	54.6	2621.2	1.52	73.14
57.0-58.0	575.2	53.2	2674.4	1.48	74.62
58.0-59.0	552.8	51.7	2726.1	1.44	76.06
59.0-60.0	530.3	50.1	2776.2	1.40	77.46
60.0-61.0	507.6	48.4	2824.6	1.35	78.81
61.0-62.0	484.5	46.7	2871.3	1.30	80.12
62.0-63.0	461.3	44.9	2916.2	1.25	81.37
63.0-64.0	437.9	43.0	2959.2	1.20	82.57
64.0-65.0	414.3	41.0	3000.2	1.14	83.71
65.0-66.0	390.6	39.0	3039.1	1.09	84.80
66.0-67.0	366.7	36.9	3076.0	1.03	85.83
67.0-68.0	343.0	34.7	3110.8	0.97	86.80
68.0-69.0	319.1	32.6	3143.3	0.91	87.70
69.0-70.0	295.1	30.3	3173.6	0.85	88.55
70.0-71.0	271.5	28.1	3201.7	0.78	89.33
71.0-72.0	248.1	25.8	3227.5	0.72	90.05

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	225.0	23.5	3251.0	0.66	90.71
73.0-74.0	201.9	21.2	3272.3	0.59	91.30
74.0-75.0	179.3	18.9	3291.2	0.53	91.83
75.0-76.0	157.4	16.7	3307.9	0.47	92.30
76.0-77.0	136.2	14.5	3322.5	0.41	92.70
77.0-78.0	116.3	12.4	3334.9	0.35	93.05
78.0-79.0	98.2	10.6	3345.5	0.29	93.34
79.0-80.0	81.8	8.8	3354.3	0.25	93.59
80.0-81.0	66.9	7.2	3361.5	0.20	93.79
81.0-82.0	53.3	5.8	3367.3	0.16	93.95
82.0-83.0	41.2	4.5	3371.8	0.12	94.08
83.0-84.0	31.1	3.4	3375.1	0.09	94.17
84.0-85.0	23.4	2.5	3377.7	0.07	94.24
85.0-86.0	17.4	1.9	3379.6	0.05	94.30
86.0-87.0	12.8	1.4	3381.0	0.04	94.34
87.0-88.0	9.4	1.0	3382.0	0.03	94.36
88.0-89.0	7.1	0.8	3382.8	0.02	94.39
89.0-90.0	5.7	0.6	3383.4	0.02	94.40
90.0-91.0	4.6	0.5	3383.9	0.01	94.42
91.0-92.0	4.0	0.4	3384.4	0.01	94.43
92.0-93.0	3.8	0.4	3384.8	0.01	94.44
93.0-94.0	3.9	0.4	3385.2	0.01	94.45
94.0-95.0	4.0	0.4	3385.7	0.01	94.47
95.0-96.0	4.2	0.5	3386.1	0.01	94.48
96.0-97.0	4.3	0.5	3386.6	0.01	94.49
97.0-98.0	4.4	0.5	3387.1	0.01	94.51
98.0-99.0	4.6	0.5	3387.6	0.01	94.52
99.0-100.0	4.7	0.5	3388.1	0.01	94.53
100.0-101.0	4.8	0.5	3388.6	0.01	94.55
101.0-102.0	5.0	0.5	3389.1	0.01	94.56
102.0-103.0	5.1	0.5	3389.7	0.02	94.58
103.0-104.0	5.3	0.6	3390.3	0.02	94.59
104.0-105.0	5.4	0.6	3390.8	0.02	94.61
105.0-106.0	5.5	0.6	3391.4	0.02	94.63
106.0-107.0	5.7	0.6	3392.0	0.02	94.64
107.0-108.0	5.8	0.6	3392.6	0.02	94.66

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	6.0	0.6	3393.2	0.02	94.68
109.0-110.0	6.1	0.6	3393.9	0.02	94.69
110.0-111.0	6.2	0.6	3394.5	0.02	94.71
111.0-112.0	6.4	0.6	3395.2	0.02	94.73
112.0-113.0	6.5	0.7	3395.8	0.02	94.75
113.0-114.0	6.6	0.7	3396.5	0.02	94.77
114.0-115.0	6.8	0.7	3397.2	0.02	94.79
115.0-116.0	6.9	0.7	3397.8	0.02	94.81
116.0-117.0	7.1	0.7	3398.5	0.02	94.83
117.0-118.0	7.2	0.7	3399.2	0.02	94.84
118.0-119.0	7.3	0.7	3399.9	0.02	94.86
119.0-120.0	7.5	0.7	3400.7	0.02	94.88
120.0-121.0	7.6	0.7	3401.4	0.02	94.90
121.0-122.0	7.7	0.7	3402.1	0.02	94.92
122.0-123.0	7.9	0.7	3402.8	0.02	94.94
123.0-124.0	8.0	0.7	3403.6	0.02	94.97
124.0-125.0	8.1	0.7	3404.3	0.02	94.99
125.0-126.0	8.2	0.7	3405.0	0.02	95.01
126.0-127.0	8.4	0.7	3405.8	0.02	95.03
127.0-128.0	8.5	0.7	3406.5	0.02	95.05
128.0-129.0	8.6	0.7	3407.2	0.02	95.07
129.0-130.0	8.8	0.7	3408.0	0.02	95.09
130.0-131.0	8.9	0.7	3408.7	0.02	95.11
131.0-132.0	9.0	0.7	3409.5	0.02	95.13
132.0-133.0	9.2	0.7	3410.2	0.02	95.15
133.0-134.0	9.3	0.7	3410.9	0.02	95.17
134.0-135.0	9.5	0.7	3411.7	0.02	95.19
135.0-136.0	9.6	0.7	3412.4	0.02	95.21
136.0-137.0	9.8	0.7	3413.2	0.02	95.23
137.0-138.0	10.0	0.7	3413.9	0.02	95.25
138.0-139.0	10.1	0.7	3414.6	0.02	95.27
139.0-140.0	10.3	0.7	3415.4	0.02	95.29
140.0-141.0	10.4	0.7	3416.1	0.02	95.32
141.0-142.0	10.5	0.7	3416.8	0.02	95.34
142.0-143.0	10.7	0.7	3417.5	0.02	95.36
143.0-144.0	10.8	0.7	3418.2	0.02	95.37

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 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	10.9	0.7	3418.9	0.02	95.39
145.0-146.0	11.0	0.7	3419.6	0.02	95.41
146.0-147.0	11.1	0.7	3420.3	0.02	95.43
147.0-148.0	11.2	0.7	3420.9	0.02	95.45
148.0-149.0	11.3	0.6	3421.6	0.02	95.47
149.0-150.0	11.5	0.6	3422.2	0.02	95.49
150.0-151.0	11.7	0.6	3422.9	0.02	95.50
151.0-152.0	11.9	0.6	3423.5	0.02	95.52
152.0-153.0	12.0	0.6	3424.1	0.02	95.54
153.0-154.0	12.2	0.6	3424.7	0.02	95.55
154.0-155.0	12.3	0.6	3425.3	0.02	95.57
155.0-156.0	12.4	0.6	3425.8	0.02	95.59
156.0-157.0	12.5	0.5	3426.4	0.02	95.60
157.0-158.0	12.6	0.5	3426.9	0.01	95.62
158.0-159.0	12.6	0.5	3427.4	0.01	95.63
159.0-160.0	12.7	0.5	3427.9	0.01	95.64
160.0-161.0	12.8	0.5	3428.4	0.01	95.66
161.0-162.0	12.8	0.4	3428.8	0.01	95.67
162.0-163.0	12.9	0.4	3429.2	0.01	95.68
163.0-164.0	13.0	0.4	3429.6	0.01	95.69
164.0-165.0	13.0	0.4	3430.0	0.01	95.70
165.0-166.0	13.1	0.4	3430.4	0.01	95.71
166.0-167.0	13.2	0.3	3430.7	0.01	95.72
167.0-168.0	13.2	0.3	3431.0	0.01	95.73
168.0-169.0	13.3	0.3	3431.3	0.01	95.74
169.0-170.0	13.4	0.3	3431.6	0.01	95.75
170.0-171.0	13.5	0.2	3431.8	0.01	95.75
171.0-172.0	13.5	0.2	3432.1	0.01	95.76
172.0-173.0	13.6	0.2	3432.3	0.01	95.77
173.0-174.0	13.6	0.2	3432.4	0.00	95.77
174.0-175.0	13.6	0.1	3432.6	0.00	95.77
175.0-176.0	13.6	0.1	3432.7	0.00	95.78
176.0-177.0	13.6	0.1	3432.8	0.00	95.78
177.0-178.0	13.6	0.1	3432.8	0.00	95.78
178.0-179.0	13.6	0.0	3432.9	0.00	95.78
179.0-180.0	13.5	0.0	3432.9	0.00	95.78

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	1232.9	1231.0	1230.7	1230.2	1229.8	1228.1	1232.9	1231.0	1230.7	1230.2
G1.0	1233.2	1231.9	1231.5	1231.1	1230.0	1227.8	1232.1	1229.9	1229.4	1229.2
G2.0	1233.2	1232.2	1232.0	1231.2	1229.6	1227.2	1231.1	1228.3	1227.6	1227.7
G3.0	1232.7	1231.9	1232.0	1231.0	1229.0	1226.0	1229.6	1226.2	1225.4	1225.7
G4.0	1231.8	1231.4	1231.4	1230.1	1227.7	1224.7	1227.4	1223.8	1222.8	1223.3
G5.0	1230.5	1230.6	1230.3	1228.8	1226.1	1222.8	1225.1	1221.0	1219.9	1220.4
G6.0	1228.7	1229.2	1228.8	1227.1	1223.9	1220.4	1222.3	1217.8	1216.5	1217.2
G7.0	1226.8	1227.4	1226.8	1224.9	1221.2	1217.6	1219.2	1214.2	1212.7	1213.7
G8.0	1224.3	1225.1	1224.7	1222.4	1218.3	1214.4	1215.6	1210.1	1208.6	1209.4
G9.0	1221.3	1222.4	1221.9	1219.7	1215.3	1210.7	1211.6	1205.8	1203.9	1204.9
G10.0	1217.8	1219.5	1219.1	1216.7	1211.7	1206.7	1207.1	1200.9	1198.6	1200.1
G11.0	1214.1	1215.6	1215.6	1212.9	1207.7	1202.3	1202.5	1195.6	1193.4	1195.1
G12.0	1210.0	1211.9	1211.8	1209.1	1203.5	1197.6	1197.0	1190.0	1187.7	1189.5
G13.0	1205.3	1207.3	1207.8	1204.7	1198.5	1192.2	1191.6	1184.0	1181.6	1183.6
G14.0	1200.5	1202.8	1203.1	1200.3	1193.6	1186.6	1185.4	1177.5	1175.3	1177.4
G15.0	1195.0	1197.5	1198.3	1195.4	1188.3	1181.1	1179.1	1170.6	1168.4	1170.9
G16.0	1189.2	1192.2	1193.3	1190.1	1182.4	1174.8	1172.3	1163.4	1161.3	1163.5
G17.0	1183.2	1186.2	1187.7	1184.4	1176.3	1168.3	1165.3	1155.7	1153.8	1156.4
G18.0	1176.6	1180.2	1181.7	1178.3	1170.1	1161.1	1157.4	1147.7	1145.3	1148.6
G19.0	1169.6	1173.7	1175.5	1171.6	1163.0	1153.8	1149.6	1139.6	1137.4	1140.3
G20.0	1162.5	1166.7	1168.7	1165.1	1156.0	1146.2	1141.1	1130.8	1128.4	1131.7
G21.0	1154.8	1159.2	1161.9	1157.8	1148.2	1137.8	1132.7	1122.0	1119.5	1122.8
G22.0	1146.9	1151.6	1154.0	1150.0	1140.1	1129.6	1123.5	1112.4	1109.5	1113.4
G23.0	1138.9	1143.6	1146.4	1142.3	1132.0	1121.0	1114.1	1103.0	1099.9	1103.6
G24.0	1129.5	1135.3	1138.0	1133.8	1122.9	1112.0	1104.3	1092.4	1089.6	1092.9
G25.0	1120.5	1126.5	1129.6	1124.9	1114.3	1102.6	1093.6	1082.0	1078.6	1082.5
G26.0	1111.4	1117.0	1120.7	1115.7	1104.9	1092.8	1083.1	1071.3	1067.8	1071.6
G27.0	1101.4	1108.2	1111.3	1106.1	1095.2	1082.8	1072.6	1059.9	1056.5	1059.5
G28.0	1091.1	1098.2	1101.8	1096.3	1084.7	1072.1	1061.3	1048.9	1044.6	1047.9
G29.0	1080.9	1088.3	1091.7	1085.9	1074.1	1062.0	1049.6	1036.4	1032.2	1034.9
G30.0	1069.8	1077.6	1081.1	1075.1	1063.3	1050.7	1037.6	1024.4	1019.5	1022.1
G31.0	1058.9	1067.1	1070.4	1063.9	1052.0	1039.3	1025.2	1011.9	1006.1	1008.4
G32.0	1047.5	1056.1	1059.7	1052.0	1040.4	1027.7	1013.0	998.9	992.4	994.6
G33.0	1035.2	1044.4	1047.6	1040.1	1028.3	1015.8	999.5	985.3	978.3	979.5
G34.0	1023.3	1033.0	1035.6	1027.4	1015.8	1003.4	986.7	972.2	964.4	964.3
G35.0	1010.6	1020.8	1023.6	1013.8	1002.8	990.6	972.4	957.9	948.5	948.1
G36.0	998.0	1008.3	1010.4	1000.2	989.3	977.5	958.6	944.0	932.8	931.2

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	984.9	995.4	997.3	986.4	975.6	964.5	944.6	928.9	916.7	913.4
G38.0	971.5	982.4	983.4	970.7	961.2	950.6	929.9	914.5	900.2	895.4
G39.0	957.9	969.2	969.1	955.3	946.3	936.9	914.7	898.6	881.9	876.0
G40.0	943.8	955.2	954.6	939.4	931.0	922.6	899.4	883.3	864.1	857.1
G41.0	929.0	941.0	938.8	923.3	915.2	908.3	884.0	867.3	845.1	837.1
G42.0	914.3	927.0	922.8	906.9	898.4	893.1	868.7	850.2	825.6	817.0
G43.0	899.7	912.2	906.7	889.8	881.8	877.9	851.7	833.7	805.6	796.6
G44.0	884.3	897.4	889.6	870.9	864.6	862.3	835.9	816.9	785.6	776.4
G45.0	868.5	882.2	872.2	851.3	847.0	847.0	818.7	799.7	764.5	755.5
G46.0	852.4	866.1	855.2	831.9	829.1	830.6	801.9	781.8	744.0	734.1
G47.0	836.4	849.9	837.7	811.8	810.3	814.0	784.2	763.1	722.8	713.1
G48.0	819.7	833.7	818.5	791.7	790.3	796.9	766.8	744.5	701.4	691.0
G49.0	803.2	817.3	798.0	771.0	770.3	780.5	748.1	725.5	679.3	669.0
G50.0	786.4	800.1	777.5	750.0	749.6	762.0	730.2	706.4	657.6	646.6
G51.0	768.9	782.4	757.7	728.7	728.5	744.4	712.0	685.9	635.3	624.5
G52.0	750.8	764.6	736.1	707.1	707.2	725.6	693.5	665.9	612.7	601.1
G53.0	733.5	746.7	715.6	686.1	686.5	707.8	673.4	644.9	589.9	578.4
G54.0	714.8	727.8	693.4	663.9	663.9	688.5	654.7	623.8	566.7	555.5
G55.0	696.0	708.9	671.8	641.4	643.3	668.6	634.4	601.9	543.8	531.3
G56.0	677.4	689.2	649.3	618.7	620.3	648.8	614.8	579.5	520.9	506.9
G57.0	658.3	669.0	627.9	596.1	598.0	628.6	594.2	556.2	496.7	483.6
G58.0	639.2	648.3	604.5	572.9	575.1	607.1	574.2	533.8	472.8	459.9
G59.0	619.6	628.3	581.5	549.6	551.8	586.1	553.0	510.6	448.3	435.5
G60.0	599.6	607.1	558.8	525.9	528.6	564.9	532.8	487.7	425.1	410.9
G61.0	579.8	585.6	535.3	502.6	505.0	543.3	511.1	463.5	400.5	385.7
G62.0	559.6	564.0	511.4	478.4	481.0	521.5	490.0	440.3	375.9	361.3
G63.0	538.6	542.6	488.4	455.1	457.9	498.1	467.2	415.9	351.3	336.4
G64.0	517.5	519.2	464.6	430.4	434.0	475.6	446.1	392.8	327.0	312.1
G65.0	496.5	496.0	439.5	406.3	410.1	451.4	424.0	368.2	301.8	287.3
G66.0	476.0	472.7	415.6	381.6	385.6	428.1	401.8	344.6	277.3	263.3
G67.0	453.9	448.2	391.6	356.9	361.1	404.2	379.6	320.0	252.9	238.6
G68.0	432.5	424.1	367.6	332.9	337.2	380.9	357.0	296.5	229.4	215.1
G69.0	410.5	400.0	341.8	307.8	312.2	356.3	334.3	272.0	204.9	190.9
G70.0	388.9	375.7	317.8	284.5	288.4	333.4	311.6	247.5	181.9	166.9
G71.0	366.4	351.8	293.0	259.6	264.0	308.7	288.8	224.7	158.4	144.1
G72.0	344.4	327.9	269.6	237.3	241.0	285.7	266.1	201.2	136.8	121.3
G73.0	321.4	303.4	245.4	212.7	217.2	261.6	244.4	177.9	113.5	99.3

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	299.3	279.6	222.0	190.3	194.1	237.9	220.9	155.6	92.3	77.7
G75.0	276.8	254.9	198.1	168.3	171.6	214.4	199.3	133.3	71.9	57.9
G76.0	254.4	231.6	176.0	146.5	149.8	191.9	177.5	112.2	52.4	39.5
G77.0	231.6	207.9	153.6	124.7	128.6	168.8	156.1	92.1	34.8	25.0
G78.0	209.6	184.8	132.1	104.6	108.5	147.3	135.3	72.6	21.6	18.7
G79.0	187.8	162.0	111.4	84.5	88.0	125.6	115.7	55.0	17.2	16.7
G80.0	166.4	139.5	91.5	66.0	69.9	105.4	96.6	38.1	15.2	14.7
G81.0	145.4	118.7	72.1	49.3	52.0	86.4	78.7	23.7	13.0	12.6
G82.0	125.0	98.1	54.9	33.9	37.6	68.8	61.8	14.2	10.9	10.6
G83.0	104.9	79.8	39.0	20.3	22.9	52.3	47.3	11.9	8.9	8.6
G84.0	86.6	61.5	24.5	17.0	16.5	37.1	34.5	10.0	6.9	6.6
G85.0	69.0	45.3	15.7	15.1	14.4	24.5	24.1	8.1	5.1	4.7
G86.0	52.8	31.0	13.7	13.1	12.6	13.8	16.1	6.3	3.6	3.1
G87.0	38.2	19.1	11.7	11.2	10.6	11.4	11.0	5.4	3.0	2.1
G88.0	25.0	9.8	9.8	9.3	8.7	9.6	7.3	5.6	3.2	2.1
G89.0	14.6	7.9	7.9	7.4	6.8	7.9	7.6	5.8	3.3	2.2
G90.0	7.3	6.1	6.1	5.6	5.1	6.3	8.1	6.0	3.4	2.3
G91.0	3.2	4.3	4.2	3.8	3.6	5.8	8.5	6.2	3.6	2.4
G92.0	2.8	2.8	2.5	2.5	3.3	6.0	8.8	6.4	3.8	2.6
G93.0	2.9	2.5	1.9	2.3	3.4	6.2	9.0	6.6	3.9	2.7
G94.0	3.0	2.6	2.1	2.4	3.6	6.4	9.1	6.7	4.0	2.8
G95.0	3.2	2.7	2.2	2.5	3.7	6.6	9.2	6.9	4.2	2.9
G96.0	3.3	2.8	2.3	2.6	3.9	6.8	9.2	7.1	4.3	3.1
G97.0	3.4	3.0	2.4	2.7	4.0	7.0	9.3	7.2	4.5	3.2
G98.0	3.5	3.1	2.5	2.9	4.2	7.2	9.3	7.4	4.7	3.4
G99.0	3.7	3.2	2.7	3.0	4.3	7.4	9.3	7.5	4.8	3.5
G100.0	3.8	3.4	2.8	3.1	4.5	7.5	9.4	7.6	4.9	3.7
G101.0	4.0	3.5	3.0	3.3	4.7	7.7	9.4	7.8	5.1	3.8
G102.0	4.1	3.6	3.1	3.5	4.8	7.8	9.4	7.9	5.3	4.0
G103.0	4.3	3.8	3.2	3.6	5.0	7.9	9.5	8.0	5.4	4.1
G104.0	4.4	3.9	3.4	3.8	5.2	8.1	9.6	8.1	5.6	4.3
G105.0	4.6	4.1	3.6	3.9	5.3	8.2	9.7	8.3	5.7	4.4
G106.0	4.7	4.2	3.7	4.0	5.5	8.3	9.7	8.4	5.9	4.6
G107.0	4.9	4.4	3.8	4.2	5.6	8.5	9.8	8.5	6.0	4.7
G108.0	5.0	4.5	4.0	4.4	5.8	8.6	9.9	8.7	6.2	4.9
G109.0	5.2	4.6	4.1	4.5	6.0	8.7	10.0	8.8	6.3	5.0
G110.0	5.3	4.8	4.3	4.7	6.1	8.8	10.1	8.9	6.5	5.2

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	5.5	4.9	4.4	4.8	6.3	8.9	10.2	9.0	6.6	5.3
G112.0	5.6	5.1	4.6	5.0	6.4	9.1	10.3	9.1	6.8	5.5
G113.0	5.8	5.2	4.7	5.2	6.6	9.2	10.4	9.2	6.9	5.6
G114.0	5.9	5.4	4.9	5.3	6.7	9.3	10.5	9.3	7.1	5.8
G115.0	6.1	5.5	5.0	5.5	6.9	9.4	10.6	9.4	7.2	5.9
G116.0	6.2	5.7	5.2	5.7	7.0	9.6	10.6	9.6	7.3	6.1
G117.0	6.3	5.8	5.3	5.8	7.2	9.6	10.7	9.7	7.5	6.2
G118.0	6.5	5.9	5.5	6.0	7.4	9.8	10.8	9.8	7.7	6.4
G119.0	6.6	6.1	5.6	6.1	7.5	9.9	10.9	9.9	7.8	6.6
G120.0	6.8	6.2	5.8	6.3	7.7	10.0	11.0	10.0	7.9	6.7
G121.0	6.9	6.3	5.9	6.4	7.8	10.1	11.1	10.1	8.1	6.8
G122.0	7.0	6.4	6.1	6.6	7.9	10.3	11.2	10.2	8.2	7.0
G123.0	7.2	6.6	6.2	6.8	8.1	10.4	11.3	10.3	8.3	7.2
G124.0	7.3	6.7	6.3	6.9	8.2	10.4	11.4	10.4	8.5	7.3
G125.0	7.5	6.8	6.5	7.1	8.4	10.5	11.4	10.5	8.6	7.4
G126.0	7.6	7.0	6.6	7.2	8.5	10.6	11.5	10.6	8.7	7.6
G127.0	7.7	7.1	6.8	7.4	8.7	10.7	11.6	10.7	8.9	7.7
G128.0	7.9	7.2	6.9	7.6	8.8	10.8	11.7	10.8	9.0	7.8
G129.0	8.0	7.4	7.0	7.7	9.0	10.9	11.8	10.9	9.1	8.0
G130.0	8.2	7.5	7.2	7.8	9.1	11.0	11.9	11.1	9.3	8.1
G131.0	8.3	7.6	7.3	8.0	9.2	11.1	12.0	11.2	9.4	8.2
G132.0	8.5	7.7	7.5	8.1	9.4	11.2	12.1	11.3	9.5	8.4
G133.0	8.6	7.9	7.6	8.3	9.5	11.4	12.2	11.6	9.7	8.5
G134.0	8.8	8.0	7.8	8.4	9.6	11.5	12.3	11.9	9.8	8.6
G135.0	8.9	8.2	7.9	8.5	9.8	11.6	12.4	12.3	10.0	8.8
G136.0	9.1	8.3	8.0	8.7	9.9	11.8	12.5	12.6	10.1	8.9
G137.0	9.2	8.5	8.2	8.8	10.0	11.9	12.6	12.8	10.2	9.1
G138.0	9.3	8.7	8.3	9.0	10.2	12.1	12.7	12.8	10.4	9.2
G139.0	9.5	8.9	8.5	9.1	10.3	12.4	12.8	12.8	10.5	9.3
G140.0	9.6	9.2	8.6	9.2	10.4	12.8	12.9	12.7	10.6	9.4
G141.0	9.8	9.5	8.7	9.4	10.6	13.1	13.0	12.7	10.8	9.6
G142.0	9.9	9.9	8.9	9.5	10.7	13.3	13.1	12.8	10.9	9.7
G143.0	10.1	10.2	9.0	9.6	10.8	13.4	13.1	12.9	11.0	9.9
G144.0	10.2	10.4	9.1	9.8	10.9	13.4	13.2	13.0	11.2	10.0
G145.0	10.3	10.4	9.3	9.9	11.1	13.3	13.3	13.1	11.4	10.1
G146.0	10.5	10.4	9.4	10.0	11.2	13.2	13.3	13.2	11.5	10.3
G147.0	10.6	10.3	9.6	10.2	11.3	13.1	13.4	13.3	11.7	10.4

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	10.8	10.3	9.7	10.3	11.5	13.2	13.5	13.3	11.9	10.5
G149.0	11.0	10.4	9.9	10.4	11.6	13.3	13.5	13.3	12.3	10.6
G150.0	11.5	10.5	10.0	10.5	11.7	13.4	13.6	13.3	12.9	10.8
G151.0	11.6	10.6	10.1	10.6	11.9	13.4	13.6	13.2	13.5	10.9
G152.0	11.8	10.7	10.3	10.8	12.0	13.5	13.7	13.3	13.6	11.2
G153.0	11.8	10.8	10.5	10.9	12.3	13.6	13.7	13.3	13.6	11.6
G154.0	11.9	10.9	10.8	11.0	12.7	13.6	13.8	13.4	13.3	12.1
G155.0	12.0	11.1	11.4	11.2	13.1	13.7	13.8	13.4	13.0	12.6
G156.0	12.1	11.2	11.8	11.4	13.4	13.7	13.8	13.5	12.9	12.7
G157.0	12.2	11.4	12.0	11.7	13.4	13.8	13.8	13.5	13.0	12.5
G158.0	12.4	11.5	12.0	12.1	13.2	13.8	13.9	13.6	13.1	12.2
G159.0	12.5	11.7	11.9	12.5	13.0	13.7	13.9	13.6	13.1	12.1
G160.0	12.6	11.9	11.8	12.6	13.0	13.6	14.0	13.7	13.1	12.2
G161.0	12.7	12.0	11.8	12.5	13.0	13.6	14.1	13.7	13.2	12.3
G162.0	12.8	12.3	11.9	12.3	13.1	13.7	14.1	13.7	13.1	12.4
G163.0	12.9	12.5	12.0	12.2	13.1	13.7	14.2	13.8	13.1	12.5
G164.0	12.9	12.7	12.1	12.2	13.2	13.7	14.2	13.8	13.1	12.6
G165.0	13.1	12.8	12.3	12.3	13.3	13.8	14.2	13.8	13.2	12.6
G166.0	13.2	12.9	12.6	12.4	13.3	13.8	14.1	13.8	13.2	12.6
G167.0	13.3	13.0	12.8	12.5	13.4	13.8	14.1	13.9	13.3	12.7
G168.0	13.4	13.1	12.9	12.6	13.4	13.8	14.1	13.9	13.3	12.8
G169.0	13.5	13.2	13.1	12.8	13.3	13.8	14.1	13.9	13.3	12.9
G170.0	13.5	13.3	13.3	12.9	13.3	13.8	14.1	13.9	13.3	12.9
G171.0	13.6	13.4	13.4	12.9	13.3	13.8	14.1	13.9	13.3	12.9
G172.0	13.8	13.5	13.5	13.0	13.4	13.8	14.0	13.9	13.3	13.1
G173.0	13.8	13.6	13.6	13.1	13.4	13.8	14.1	13.9	13.4	13.2
G174.0	13.9	13.6	13.6	13.2	13.3	13.8	14.0	13.8	13.5	13.3
G175.0	13.9	13.6	13.6	13.2	13.3	13.7	13.9	13.7	13.5	13.1
G176.0	14.0	13.8	13.6	13.2	13.3	13.6	13.8	13.6	13.5	13.1
G177.0	14.1	13.8	13.6	13.1	13.3	13.5	13.7	13.6	13.5	13.2
G178.0	14.0	13.8	13.6	13.1	13.4	13.5	13.7	13.6	13.6	13.2
G179.0	14.0	13.7	13.5	13.2	13.4	13.5	13.8	13.6	13.6	13.2
G180.0	13.8	13.6	13.6	13.2	13.5	13.5	13.8	13.6	13.6	13.2

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	1229.8	1228.1	1232.9							
G1.0	1229.2	1227.9	1233.2							
G2.0	1228.1	1227.3	1233.2							
G3.0	1226.5	1226.1	1232.7							
G4.0	1224.5	1224.5	1231.8							
G5.0	1222.4	1222.8	1230.5							
G6.0	1219.5	1220.4	1228.7							
G7.0	1216.5	1217.8	1226.8							
G8.0	1212.9	1214.6	1224.3							
G9.0	1208.8	1211.3	1221.3							
G10.0	1204.3	1207.1	1217.8							
G11.0	1199.7	1202.9	1214.1							
G12.0	1194.3	1198.3	1210.0							
G13.0	1189.1	1193.0	1205.3							
G14.0	1182.9	1187.5	1200.5							
G15.0	1177.2	1181.5	1195.0							
G16.0	1170.2	1175.1	1189.2							
G17.0	1163.5	1168.3	1183.2							
G18.0	1155.9	1161.2	1176.6							
G19.0	1148.2	1153.7	1169.6							
G20.0	1139.9	1145.7	1162.5							
G21.0	1131.4	1137.4	1154.8							
G22.0	1122.5	1128.8	1146.9							
G23.0	1113.2	1120.1	1138.9							
G24.0	1103.3	1110.3	1129.5							
G25.0	1093.2	1101.0	1120.5							
G26.0	1082.8	1090.8	1111.4							
G27.0	1071.6	1080.7	1101.4							
G28.0	1060.6	1069.5	1091.1							
G29.0	1048.7	1058.5	1080.9							
G30.0	1036.6	1046.8	1069.8							
G31.0	1024.0	1035.3	1058.9							
G32.0	1010.9	1022.8	1047.5							
G33.0	997.2	1010.1	1035.2							
G34.0	983.5	997.5	1023.3							
G35.0	969.1	984.2	1010.6							
G36.0	954.3	970.9	998.0							

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	938.7	956.5	984.9							
G38.0	923.0	942.4	971.5							
G39.0	905.9	927.8	957.9							
G40.0	888.9	912.9	943.8							
G41.0	870.5	897.2	929.0							
G42.0	851.7	882.0	914.3							
G43.0	832.3	865.8	899.7							
G44.0	812.4	849.6	884.3							
G45.0	792.1	832.1	868.5							
G46.0	771.6	815.6	852.4							
G47.0	750.7	797.8	836.4							
G48.0	730.0	779.9	819.7							
G49.0	708.3	761.5	803.2							
G50.0	687.1	742.3	786.4							
G51.0	665.2	723.1	768.9							
G52.0	643.0	703.9	750.8							
G53.0	620.3	683.8	733.5							
G54.0	597.7	663.7	714.8							
G55.0	574.5	642.6	696.0							
G56.0	551.4	621.5	677.4							
G57.0	528.0	599.3	658.3							
G58.0	504.4	577.4	639.2							
G59.0	480.1	554.0	619.6							
G60.0	456.5	531.3	599.6							
G61.0	432.2	507.4	579.8							
G62.0	408.3	484.2	559.6							
G63.0	383.0	460.4	538.6							
G64.0	358.9	436.9	517.5							
G65.0	334.1	412.9	496.5							
G66.0	310.0	388.2	476.0							
G67.0	284.9	364.6	453.9							
G68.0	261.0	340.9	432.5							
G69.0	236.1	315.6	410.5							
G70.0	211.5	291.9	388.9							
G71.0	188.4	267.6	366.4							
G72.0	165.1	243.5	344.4							
G73.0	142.7	219.6	321.4							

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	120.0	196.5	299.3							
G75.0	98.2	172.8	276.8							
G76.0	77.5	150.6	254.4							
G77.0	57.9	128.6	231.6							
G78.0	39.1	107.0	209.6							
G79.0	24.3	87.3	187.8							
G80.0	16.4	68.4	166.4							
G81.0	14.4	50.6	145.4							
G82.0	12.3	34.0	125.0							
G83.0	10.3	20.2	104.9							
G84.0	8.3	10.6	86.6							
G85.0	6.3	8.3	69.0							
G86.0	4.4	6.4	52.8							
G87.0	2.8	4.7	38.2							
G88.0	1.8	2.9	25.0							
G89.0	1.8	2.1	14.6							
G90.0	1.9	2.2	7.3							
G91.0	2.0	2.3	3.2							
G92.0	2.1	2.4	2.8							
G93.0	2.3	2.5	2.9							
G94.0	2.4	2.7	3.0							
G95.0	2.5	2.8	3.2							
G96.0	2.6	2.9	3.3							
G97.0	2.8	3.0	3.4							
G98.0	2.9	3.2	3.5							
G99.0	3.0	3.3	3.7							
G100.0	3.2	3.5	3.8							
G101.0	3.3	3.6	4.0							
G102.0	3.4	3.7	4.1							
G103.0	3.6	3.8	4.3							
G104.0	3.7	4.0	4.4							
G105.0	3.8	4.1	4.6							
G106.0	4.0	4.3	4.7							
G107.0	4.1	4.4	4.9							
G108.0	4.3	4.5	5.0							
G109.0	4.4	4.7	5.2							
G110.0	4.5	4.8	5.3							

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	4.7	4.9	5.5							
G112.0	4.8	5.1	5.6							
G113.0	4.9	5.2	5.8							
G114.0	5.1	5.3	5.9							
G115.0	5.3	5.5	6.1							
G116.0	5.4	5.6	6.2							
G117.0	5.5	5.7	6.3							
G118.0	5.7	5.8	6.5							
G119.0	5.8	6.0	6.6							
G120.0	5.9	6.1	6.8							
G121.0	6.1	6.2	6.9							
G122.0	6.2	6.4	7.0							
G123.0	6.3	6.5	7.2							
G124.0	6.4	6.6	7.3							
G125.0	6.6	6.7	7.5							
G126.0	6.7	6.9	7.6							
G127.0	6.9	7.0	7.7							
G128.0	7.0	7.1	7.9							
G129.0	7.2	7.3	8.0							
G130.0	7.3	7.4	8.2							
G131.0	7.4	7.6	8.3							
G132.0	7.6	7.7	8.5							
G133.0	7.7	7.9	8.6							
G134.0	7.8	8.1	8.8							
G135.0	8.0	8.3	8.9							
G136.0	8.1	8.7	9.1							
G137.0	8.3	9.1	9.2							
G138.0	8.4	9.5	9.3							
G139.0	8.6	9.7	9.5							
G140.0	8.7	9.8	9.6							
G141.0	8.8	9.7	9.8							
G142.0	9.0	9.6	9.9							
G143.0	9.1	9.6	10.1							
G144.0	9.3	9.7	10.2							
G145.0	9.4	9.9	10.3							
G146.0	9.6	10.0	10.5							
G147.0	9.7	10.2	10.6							

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	9.9	10.4	10.8							
G149.0	10.1	10.6	11.0							
G150.0	10.4	10.8	11.5							
G151.0	10.9	10.9	11.6							
G152.0	11.4	11.1	11.8							
G153.0	11.8	11.3	11.8							
G154.0	11.8	11.4	11.9							
G155.0	11.6	11.6	12.0							
G156.0	11.5	11.8	12.1							
G157.0	11.6	11.9	12.2							
G158.0	11.7	12.0	12.4							
G159.0	11.8	12.1	12.5							
G160.0	12.1	12.3	12.6							
G161.0	12.3	12.4	12.7							
G162.0	12.4	12.5	12.8							
G163.0	12.5	12.6	12.9							
G164.0	12.7	12.8	12.9							
G165.0	12.8	12.9	13.1							
G166.0	12.9	13.0	13.2							
G167.0	12.9	13.1	13.3							
G168.0	12.9	13.2	13.4							
G169.0	13.1	13.3	13.5							
G170.0	13.4	13.4	13.5							
G171.0	13.6	13.5	13.6							
G172.0	13.6	13.6	13.8							
G173.0	13.7	13.6	13.8							
G174.0	13.7	13.8	13.9							
G175.0	13.7	13.8	13.9							
G176.0	13.7	13.8	14.0							
G177.0	13.6	13.8	14.1							
G178.0	13.6	13.6	14.0							
G179.0	13.6	13.6	14.0							
G180.0	13.5	13.5	13.8							

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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