

Report No.: BR202002014-2

Test Time: 2020-05-08 16:43

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: LC

Lamp Catalog: SLE30-I600 120-277W D1R

Number of Lamps: 2

Luminous Length (mm): 2395

Luminous Height (mm): 85

Current: 0.345 A

Power Factor: 0.997

Luminaire Description: MX811L-4FT-4000K

Lamp Description: 2835/4000k

Lumens per Lamp: 4798.6

Luminous Width (mm): 70

Voltage: 118.9 V

Power: 80.95 W

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 4798.6 lm

Downward Ratio: 40.44%

Field Angle: H157.1 V308.8

Luminaire Efficacy Rating (LER): 59

Max. Intensity: 1069.57 cd

Total Rated Lamp Lumens: 9597.2 lm

Efficiency: 50.00%

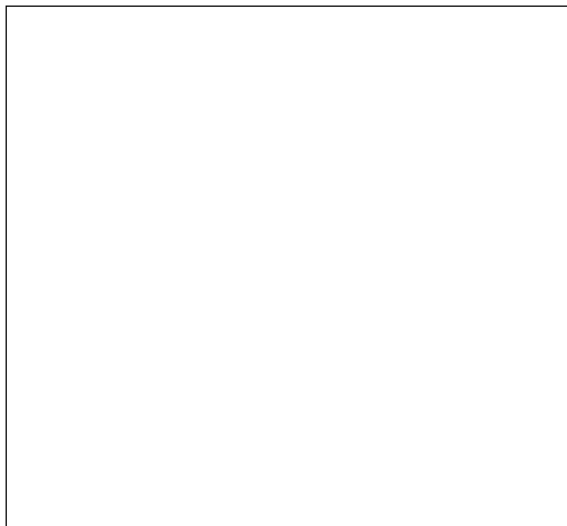
Upward Ratio: 9.56%

Beam Angle: H105.4 V153.0

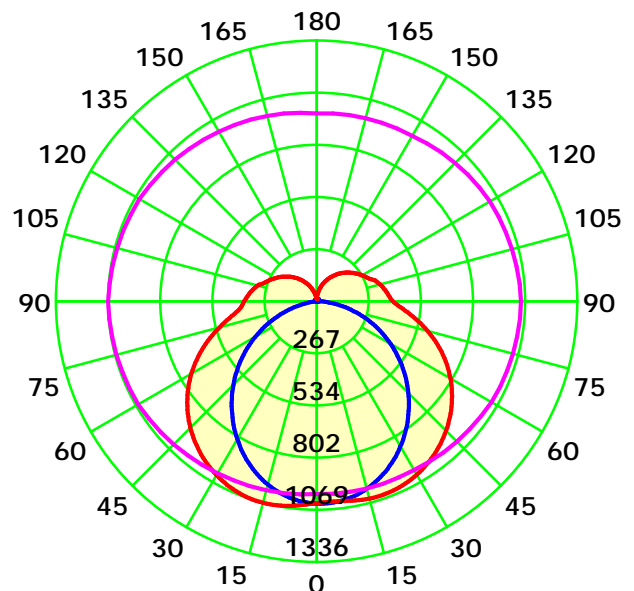
Central Intensity: 1037.37 cd

Pos of Max. Intensity: H270 V16

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 129.2° Unit: cd

— C0-C180 — C90-C270 — G16

C Plane (°):0.0-360.0: 30.0

Test Lab: 80

Test Type: TYPE C

Temperature: 23

Operator: QIU

Gamma Plane (°):0.0-180.0:1.0

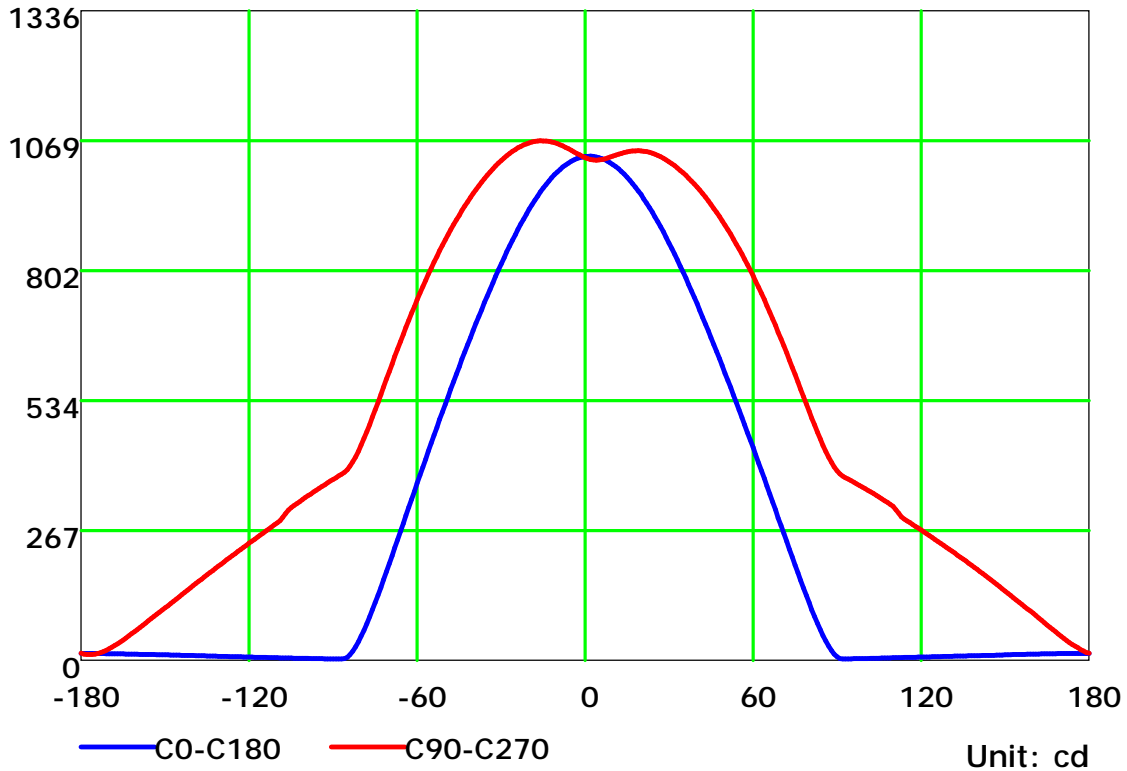
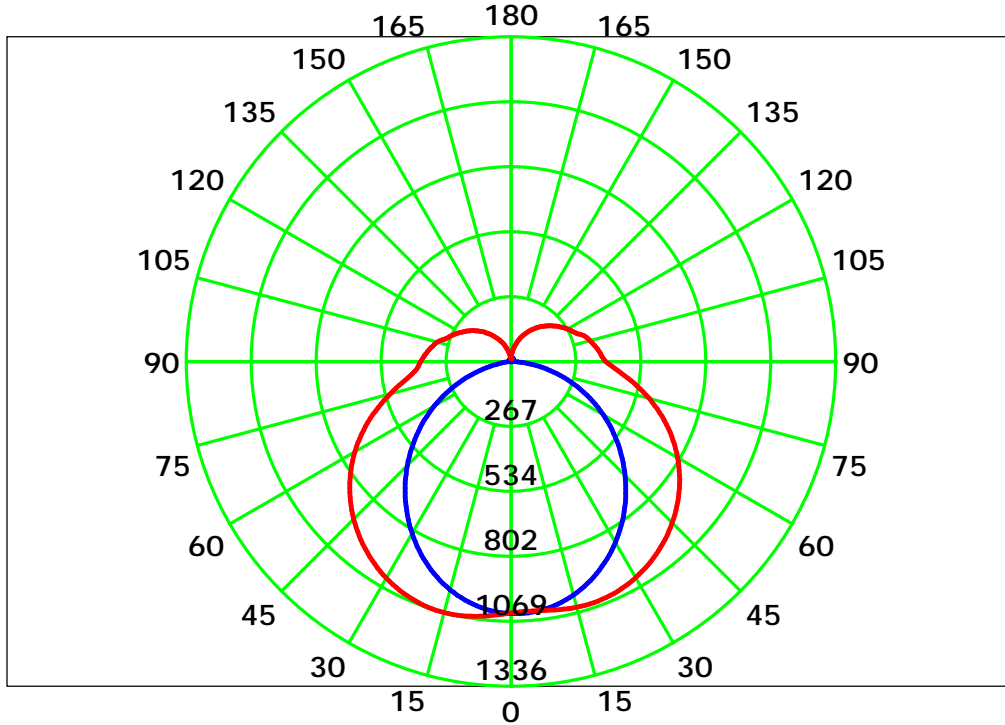
Test Device: GPM-1600L

Distance: 8.690 m

Humidity: 88

Inspector:

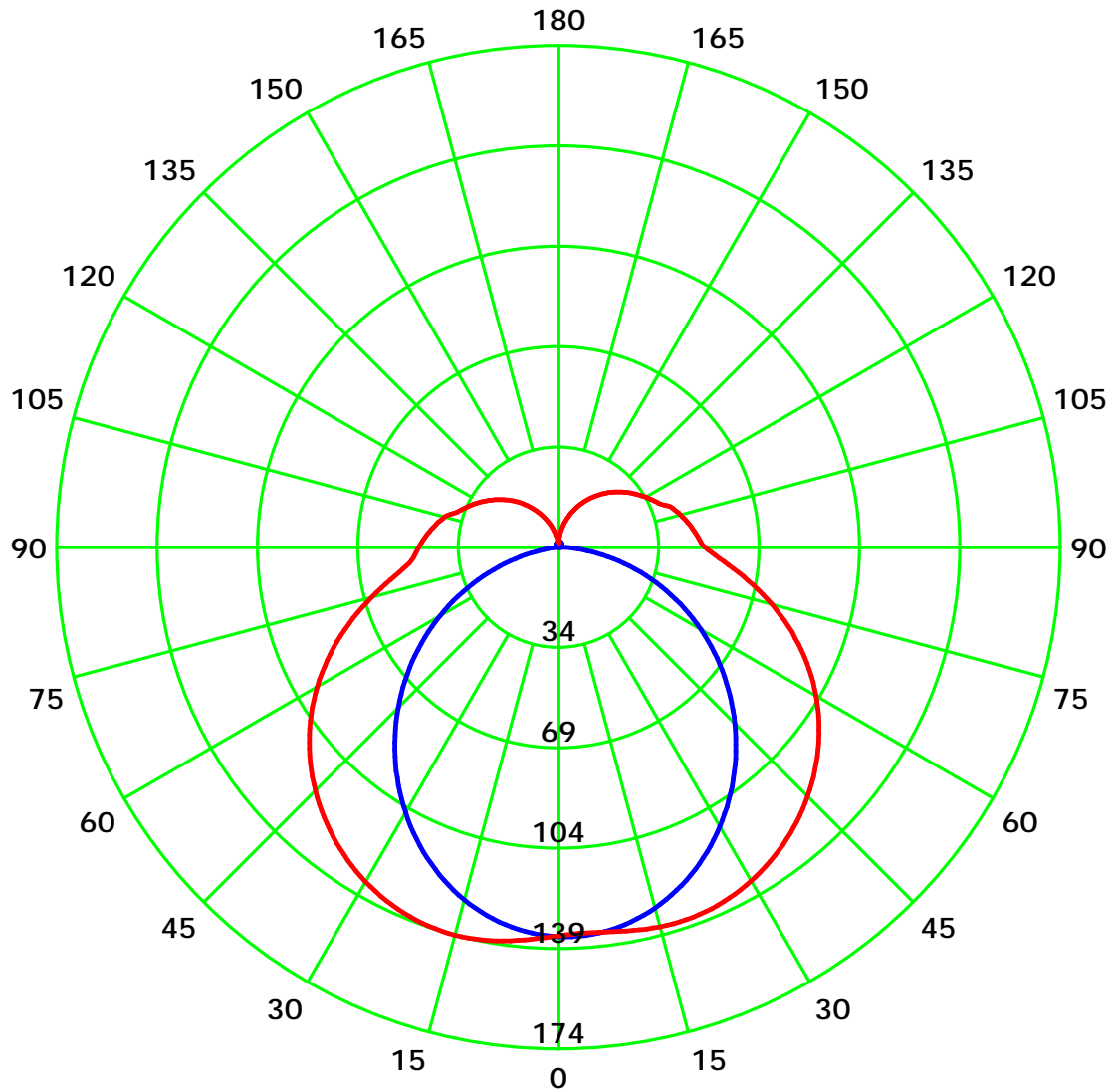
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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)



cd/klm

— C0-C180

— C90-C270

$\eta=50.00\%$

SLE30-I600 120-277W D1R/2835/4000k

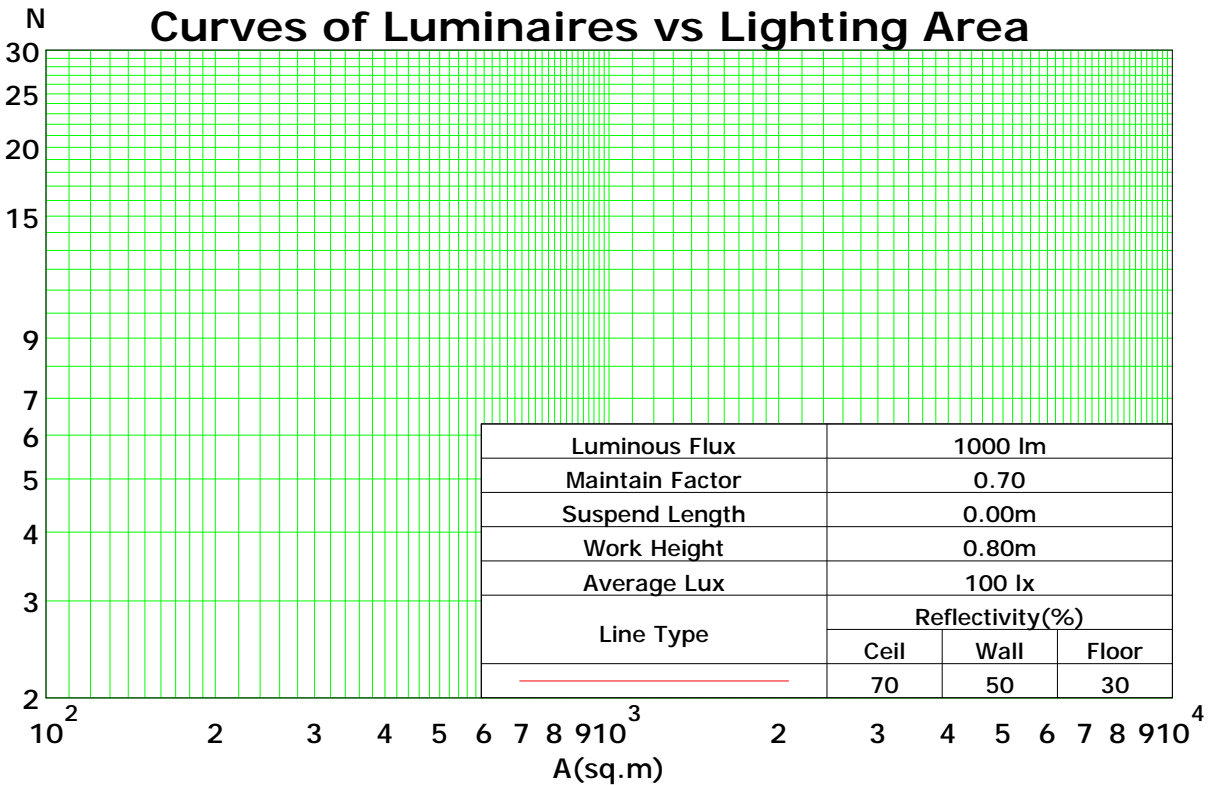
C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	57	57	57	57	55	55	55	55	50	50	50	46	46	46	42	42	42	40
1	51	48	46	43	49	46	44	42	42	40	39	39	37	36	35	34	33	31
2	46	41	38	34	44	40	36	33	36	33	31	33	31	29	30	28	27	25
3	42	36	31	28	39	34	30	27	31	28	25	29	26	24	26	24	22	21
4	38	32	27	23	36	30	26	23	28	24	21	25	22	20	23	21	19	17
5	35	28	23	20	33	27	23	19	25	21	18	23	20	17	21	18	16	15
6	32	25	20	17	30	24	20	17	22	18	16	20	17	15	19	16	14	13
7	30	23	18	15	28	22	18	15	20	16	14	19	15	13	17	14	12	11
8	27	20	16	13	26	20	16	13	18	15	12	17	14	12	16	13	11	10
9	26	19	15	12	24	18	14	11	17	13	11	16	13	10	14	12	10	9
10	24	17	13	11	23	17	13	10	15	12	10	14	11	9	13	11	9	8

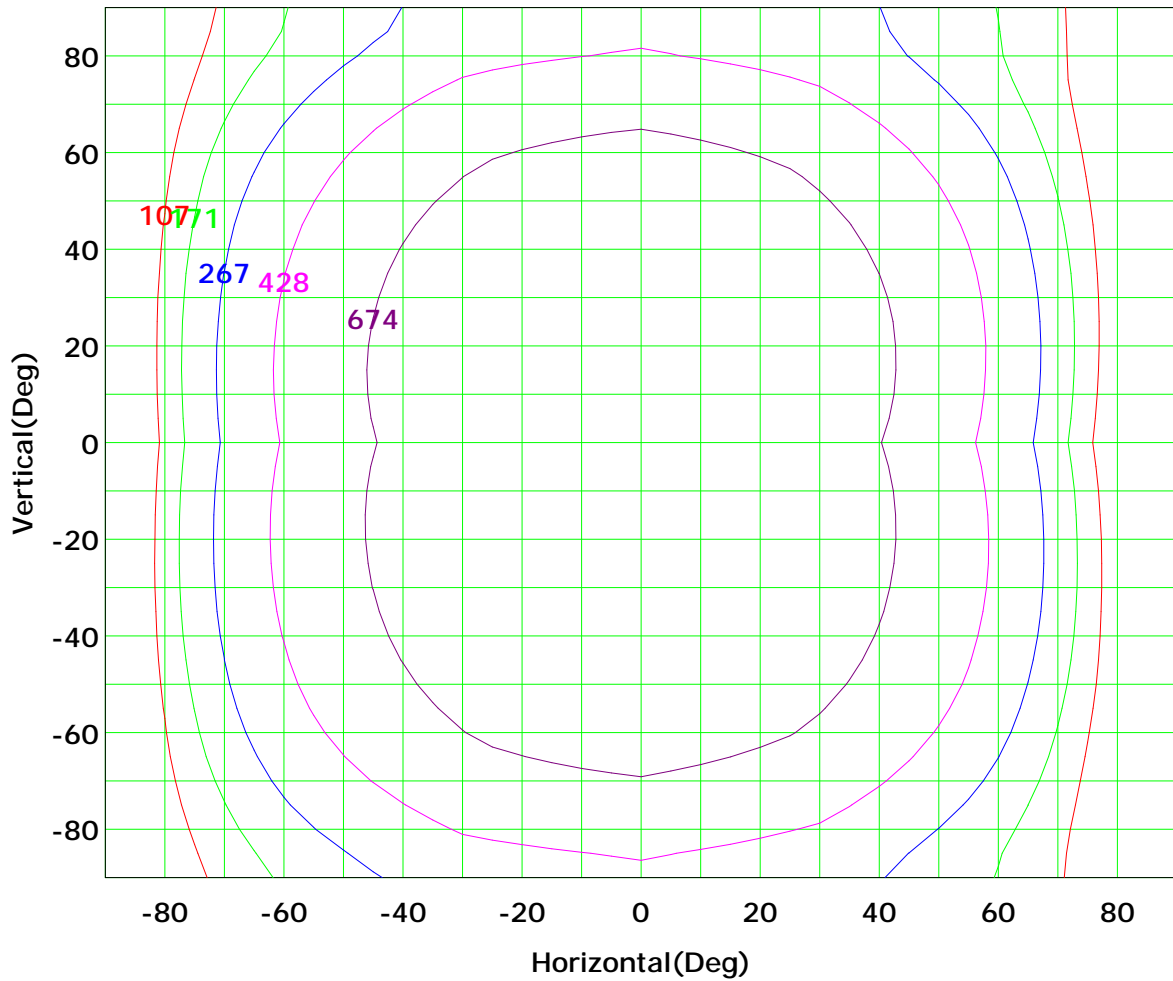
Spacing Criteria (0-180): 1.20
 Spacing Criteria (90-270): 1.47
 Spacing Criteria (Diagonal): 1.50



C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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)



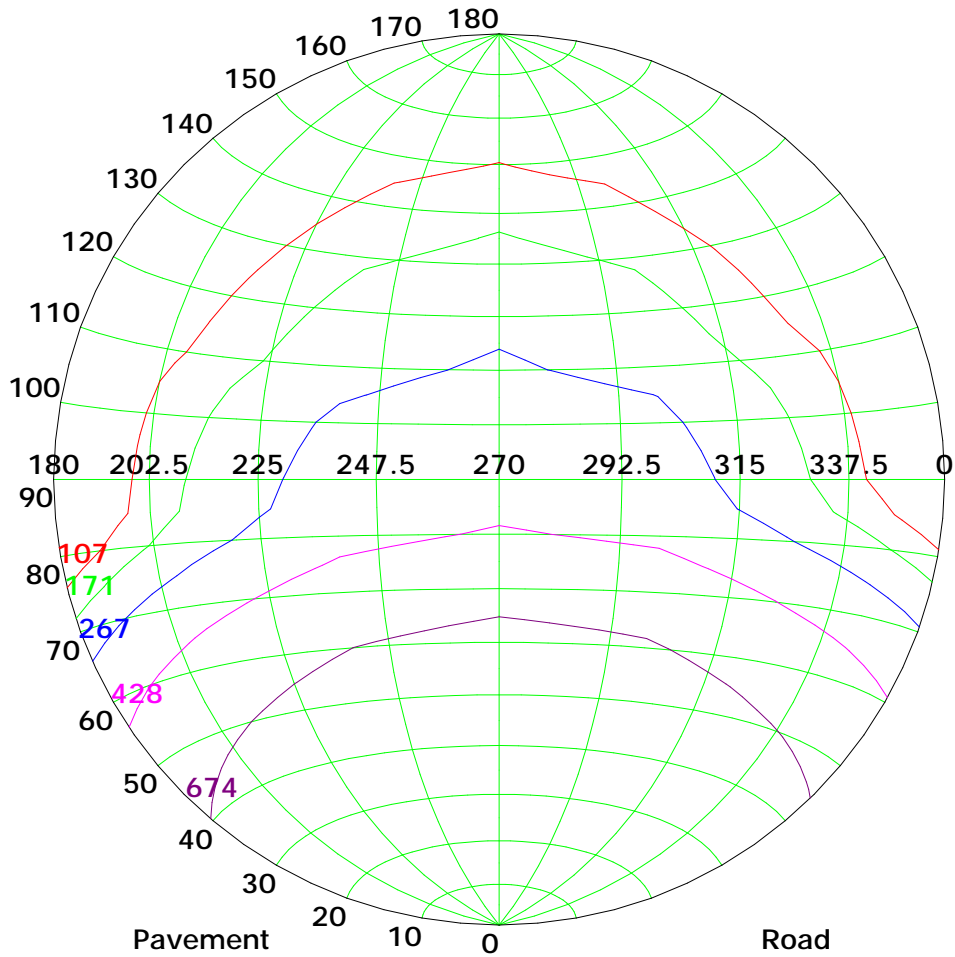
Imax (100%): 1070 cd

— (10%): 107 cd	— (16%): 171 cd
— (25%): 267 cd	— (40%): 428 cd
— (63%): 674 cd	— (100%): 1070 cd

C Plane (°):0.0-360.0: 30.0
Test Lab: 80
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)



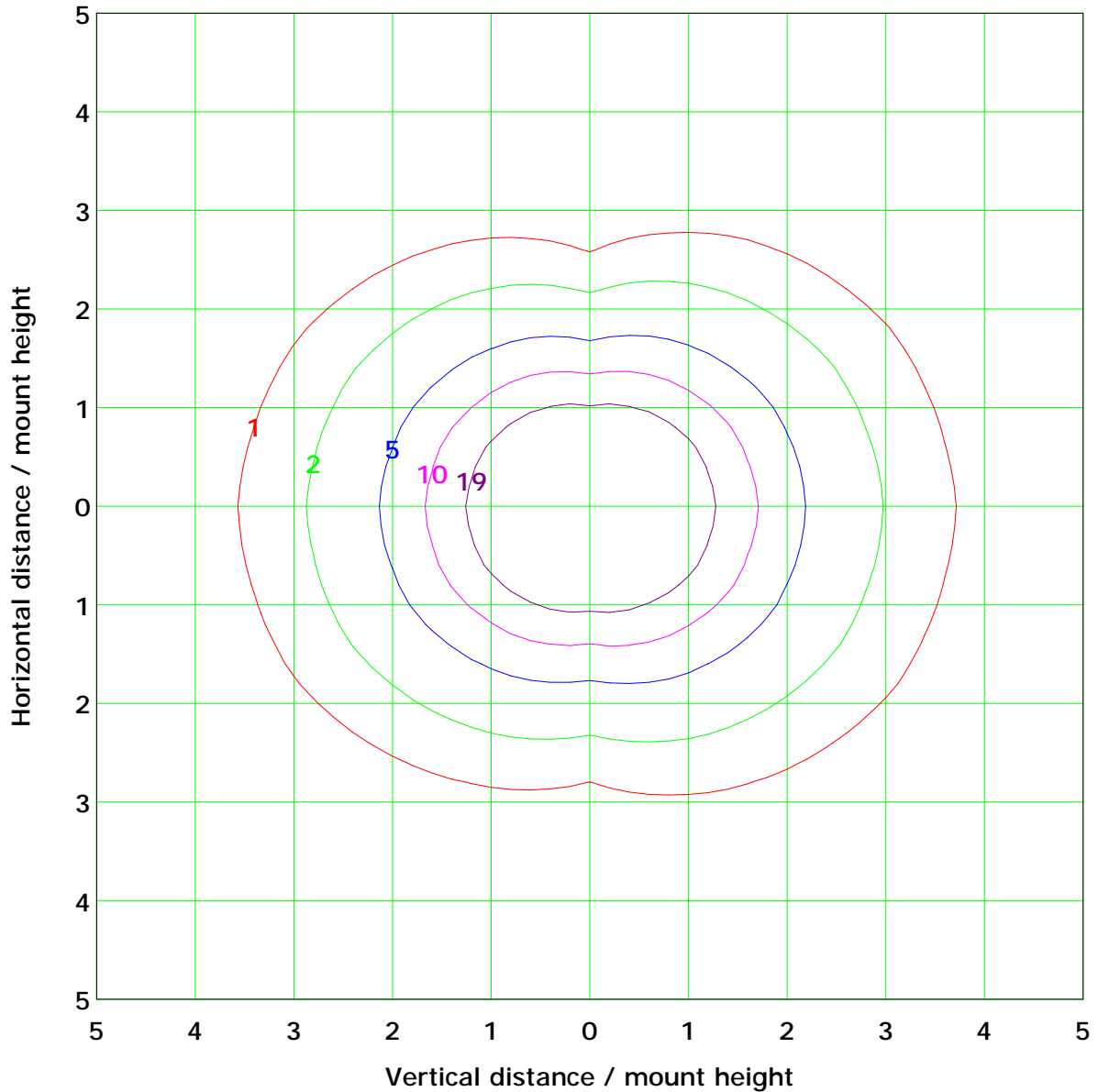
Imax (100%): 1070 cd

— (10%): 107 cd	— (16%): 171 cd
— (25%): 267 cd	— (40%): 428 cd
— (63%): 674 cd	— (100%): 1070 cd

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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



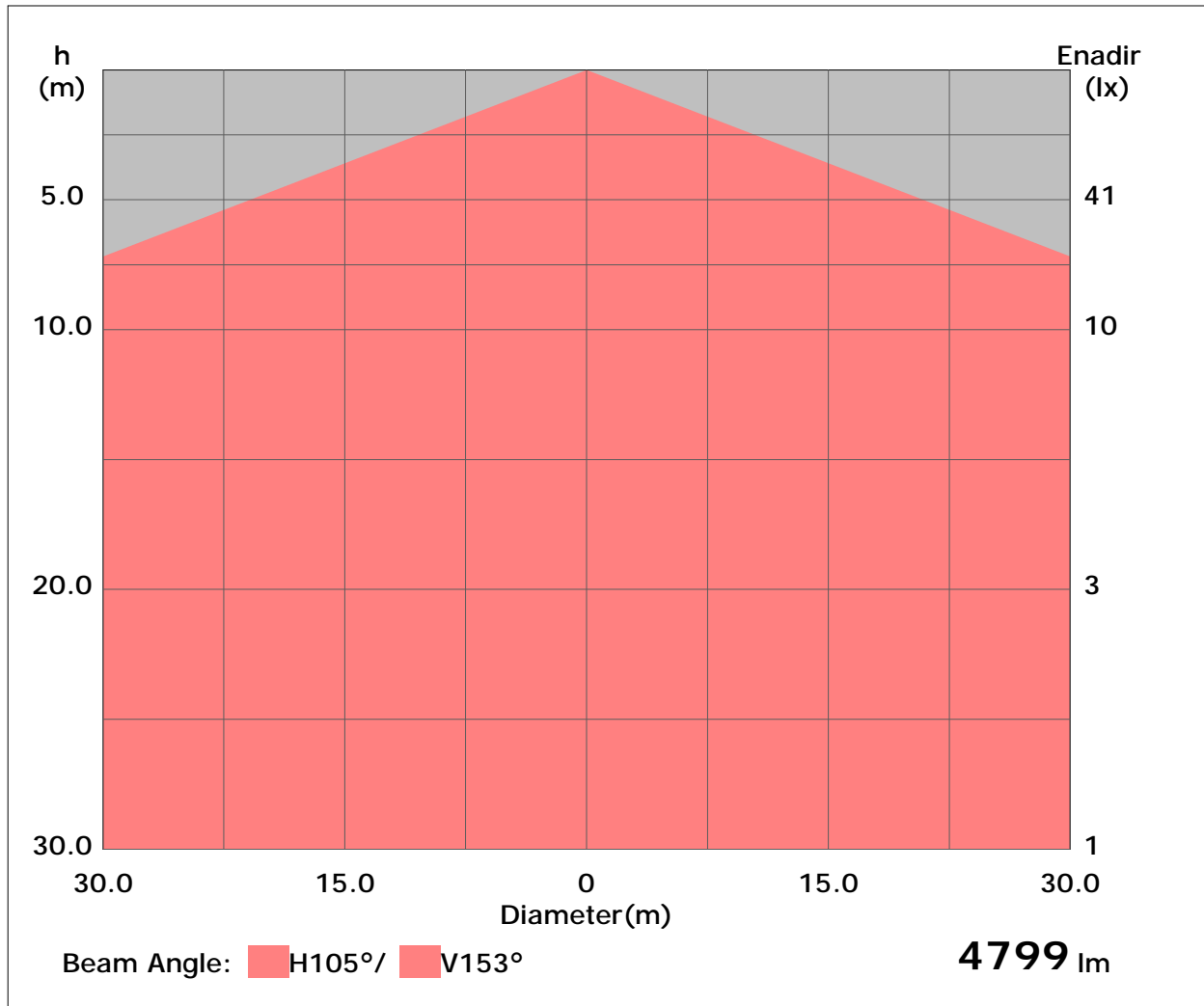
Mounting Height: 3.3m Max Lux(100%): 95.5 lx

— (1%): 1.0 lx	— (2%): 1.9 lx
— (5%): 4.8 lx	— (10%): 9.5 lx
— (20%): 19.1 lx	

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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:

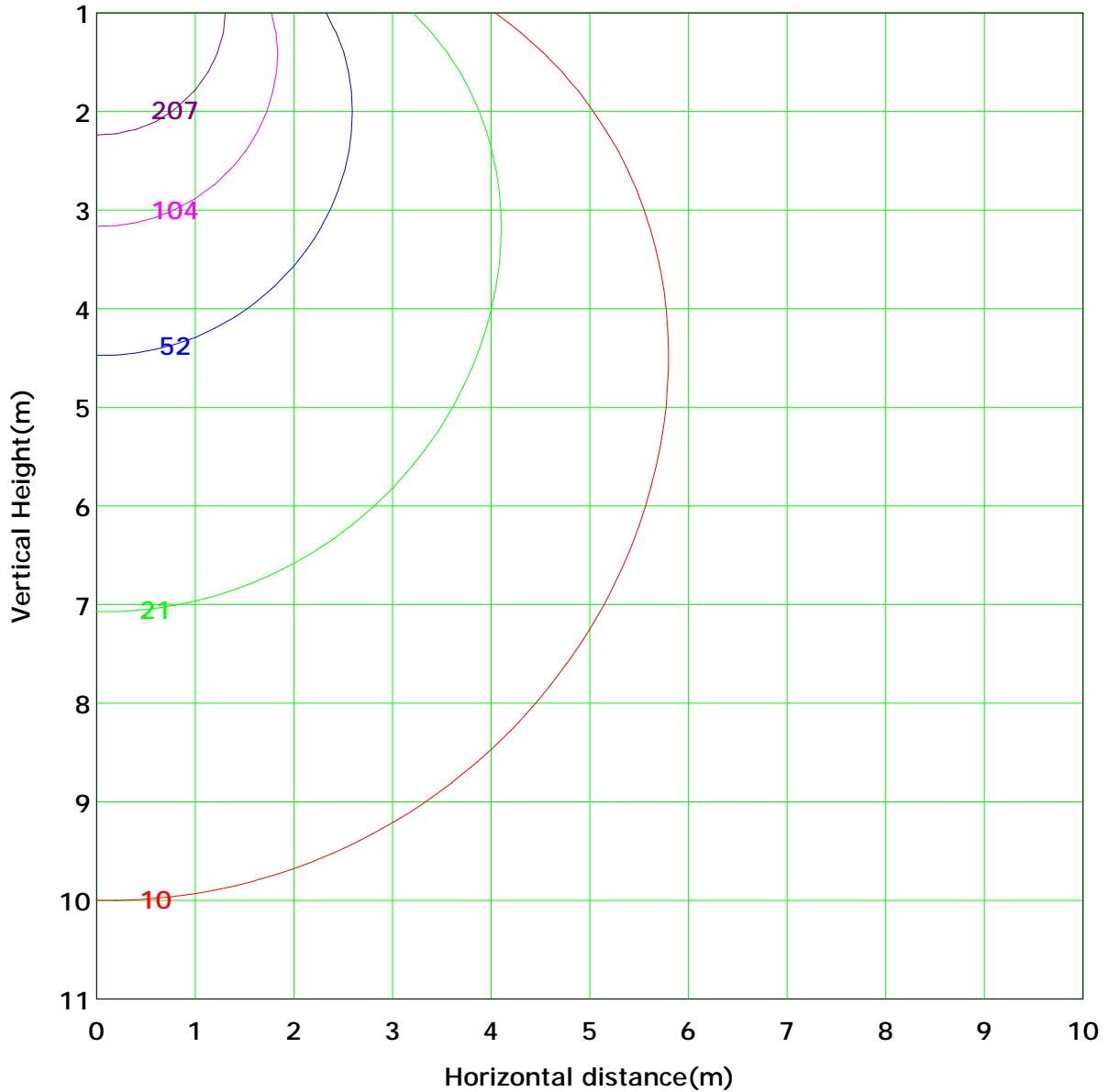
Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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: 1037.4 lx
 (1%): 10.4 lx (2%): 20.7 lx
 (5%): 51.9 lx (10%): 103.7 lx
 (20%): 207.5 lx

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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

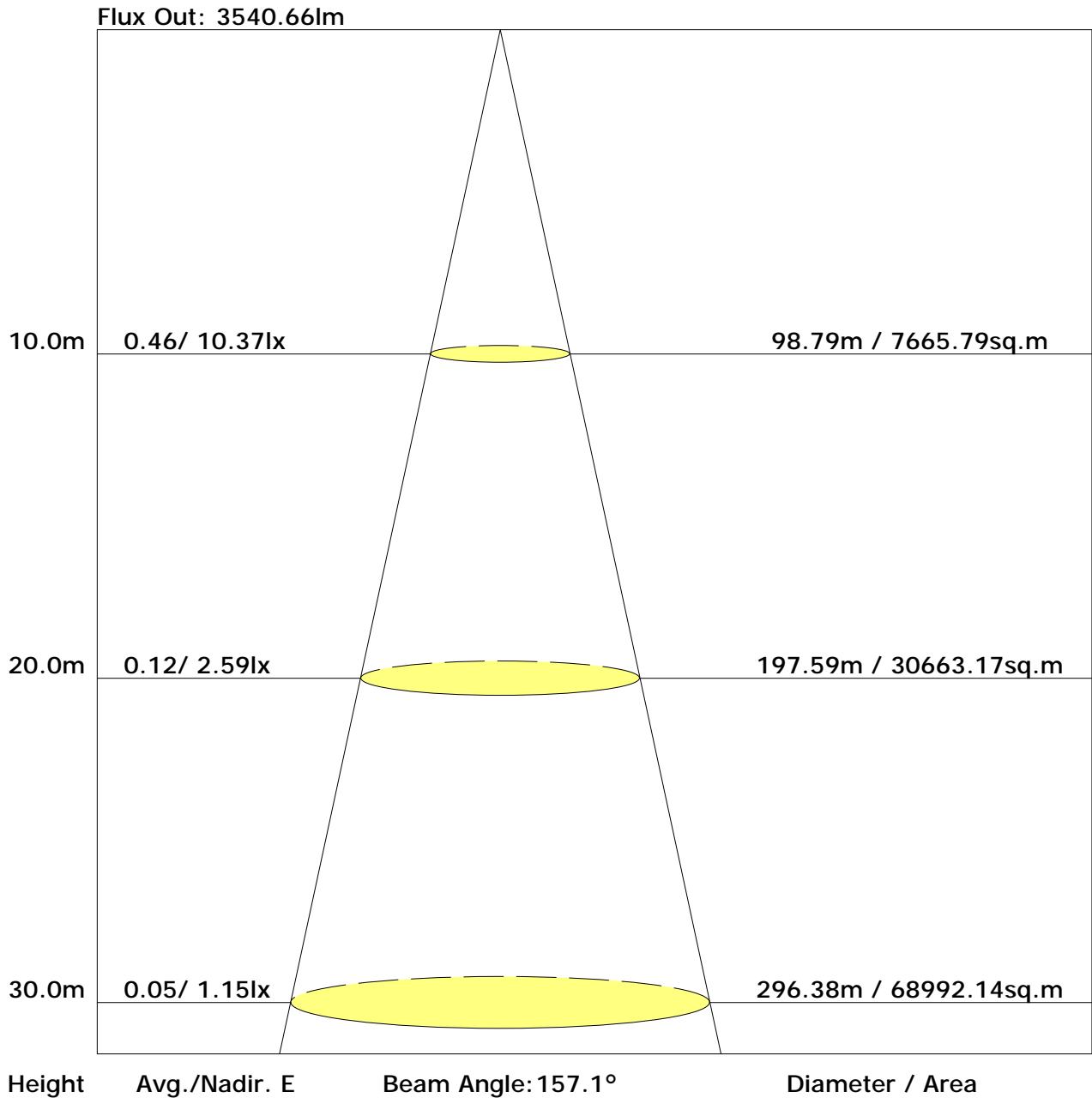
Unit: lm

		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)	0.1	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	Flux(E)	Flux(T)
0.0	1.7	12.5	17.5	57.9	120.1	196.7	2279.5	356.9	415.5	451.2	453.7	423.2	368.8	293.8	211.9	134.6	70.0	23.4	0.6	3870	3881	
0.0	0.1	0.7	0.7	1.9	3.5	5.4	7.6	9.5	10.8	11.8	11.8	10.9	9.7	7.8	5.6	3.6	1.9	0.8	0.1	103.4	102.2	
0.1	0.1	0.7	0.7	2.0	4.0	6.5	9.4	12.0	13.9	15.3	15.4	14.2	12.5	10.0	7.1	4.4	2.3	0.9	0.1	130.9	129.9	
0.1	0.1	0.8	0.8	2.4	5.0	8.4	12.2	15.7	18.2	19.9	20.0	18.6	16.3	12.9	9.1	5.7	2.9	1.1	0.2	169.2	168.4	
0.1	0.1	0.9	0.9	2.9	6.2	10.3	14.8	19.0	22.0	24.0	24.1	22.4	19.6	15.5	11.0	6.9	3.5	1.3	0.2	204.7	204.1	
0.1	0.1	1.0	1.0	3.4	7.2	11.8	16.9	21.7	25.2	27.3	27.4	25.6	22.3	17.6	12.6	7.9	4.1	1.4	0.2	233.7	233.2	
0.1	0.1	1.1	1.1	3.7	7.9	13.0	18.4	23.6	27.5	29.8	29.9	28.0	24.2	19.2	13.8	8.7	4.5	1.6	0.2	255.1	254.7	
0.1	0.1	1.1	1.1	3.9	8.3	13.6	19.4	24.7	29.0	31.4	31.5	29.4	25.3	20.1	14.6	9.2	4.8	1.7	0.2	268.4	268.0	
0.1	0.1	1.1	1.1	4.0	8.4	13.8	19.6	25.1	29.5	32.0	32.1	29.9	25.8	20.5	14.8	9.4	4.9	1.7	0.2	272.8	272.4	
0.1	0.1	1.1	1.1	3.8	8.1	13.4	19.2	24.7	29.0	31.5	31.6	29.5	25.5	20.3	14.6	9.2	4.8	1.7	0.2	268.3	267.9	
0.1	0.1	1.1	1.1	3.9	8.1	13.4	19.1	24.5	28.6	31.0	31.2	29.2	25.4	20.3	14.6	9.3	4.8	1.7	0.2	266.3	265.9	
0.1	0.1	1.2	1.2	4.1	8.5	13.8	19.5	24.6	28.8	31.3	31.5	29.4	25.5	20.5	14.9	9.5	5.0	1.7	0.2	270.0	269.6	
0.1	0.1	1.2	1.2	4.1	8.5	13.7	19.3	24.5	28.7	31.1	31.2	29.2	25.2	20.2	14.8	9.5	5.0	1.7	0.2	268.2	267.9	
0.1	0.1	1.2	1.2	4.0	8.2	13.3	18.6	23.7	27.7	29.9	30.1	28.2	24.5	19.5	14.2	9.1	4.8	1.7	0.2	258.9	258.5	
0.1	0.1	1.1	1.1	3.7	7.6	12.4	17.4	22.3	25.8	27.9	28.1	26.3	23.0	18.3	13.3	8.5	4.4	1.6	0.2	242.0	241.5	
0.1	0.1	1.0	1.0	3.3	6.8	11.1	15.7	20.1	23.1	25.1	25.3	23.6	20.8	16.6	12.0	7.6	4.0	1.4	0.2	217.7	217.2	
0.1	0.1	0.9	0.9	2.8	5.7	9.4	13.4	17.2	19.8	21.6	21.8	20.3	17.9	14.3	10.3	6.5	3.4	1.2	0.2	186.6	185.9	
0.1	0.1	0.8	0.8	2.2	4.6	7.5	10.8	13.7	15.8	17.4	17.5	16.3	14.4	11.6	8.3	5.3	2.8	1.0	0.2	150.2	149.3	
0.1	0.1	0.7	0.7	1.9	3.6	5.8	8.3	10.4	12.0	13.1	13.2	12.3	10.9	8.9	6.4	4.1	2.2	0.8	0.1	114.9	113.8	
0.0	1.7	12.5	17.5	57.9	120.1	196.7	2279.5	356.9	415.5	451.2	453.7	423.2	368.8	293.8	211.9	134.6	70.0	23.4	0.6	3870	3881	

C Plane (°): 0.0-360.0: 30.0
 Test Lab: 80
 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: 80
 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

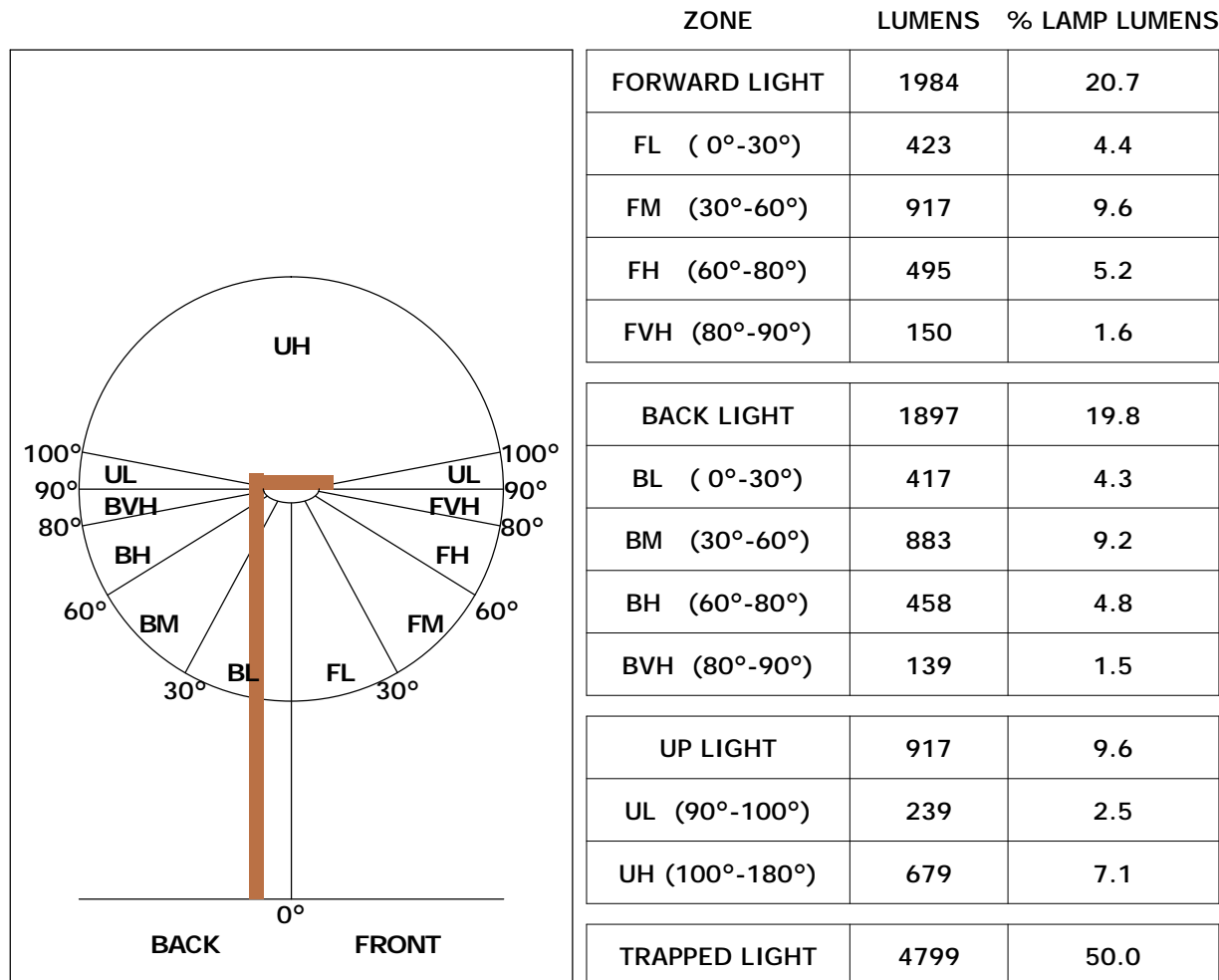
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	7.0	8.3	7.6	9.0	9.7	7.5	8.8	8.1	9.5	10.2
3H	8.8	10.0	9.5	10.7	11.5	9.6	10.9	10.3	11.5	12.3
4H	9.5	10.7	10.2	11.3	12.1	10.6	11.8	11.2	12.4	13.2
6H	10.0	11.1	10.7	11.8	12.6	11.5	12.5	12.1	13.2	14.0
8H	10.2	11.2	10.8	11.9	12.7	11.8	12.9	12.5	13.6	14.4
12H	10.3	11.3	11.0	12.0	12.8	12.2	13.2	12.9	13.9	14.7
X=4H Y=2H	7.7	8.8	8.3	9.5	10.3	8.0	9.2	8.7	9.9	10.7
3H	9.7	10.7	10.4	11.4	12.2	10.5	11.5	11.1	12.2	13.0
4H	10.5	11.4	11.2	12.2	13.0	11.6	12.5	12.3	13.2	14.0
6H	11.2	12.0	11.9	12.7	13.6	12.6	13.4	13.3	14.2	15.0
8H	11.4	12.2	12.1	12.9	13.7	13.1	13.9	13.8	14.6	15.5
12H	11.5	12.2	12.3	13.0	13.9	13.6	14.2	14.3	15.0	15.9
X=8H Y=4H	11.0	11.7	11.7	12.5	13.3	11.9	12.7	12.6	13.4	14.3
6H	11.8	12.4	12.5	13.2	14.1	13.1	13.8	13.9	14.6	15.4
8H	12.1	12.7	12.9	13.5	14.3	13.8	14.3	14.5	15.1	16.0
12H	12.4	12.9	13.1	13.7	14.6	14.4	14.9	15.1	15.7	16.6
X=12H Y=4H	11.1	11.7	11.8	12.5	13.4	11.9	12.6	12.7	13.4	14.2
6H	11.9	12.5	12.7	13.3	14.2	13.2	13.8	14.0	14.6	15.5
8H	12.3	12.9	13.1	13.6	14.6	13.9	14.4	14.7	15.2	16.1

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: 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 U4 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U4 G1

C Plane (°):0.0-360.0: 30.0
Test Lab: 80
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 = 1.50									
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	0.25	0.29	0.32	0.35	0.39	0.41	0.43	0.45	0.47	
	0.30		0.21	0.25	0.29	0.31	0.35	0.38	0.40	0.43	0.45	
	0.20		0.18	0.22	0.26	0.28	0.32	0.35	0.37	0.41	0.43	
0.50	0.50	0.20	0.23	0.27	0.30	0.32	0.35	0.38	0.39	0.41	0.43	
	0.30		0.20	0.23	0.27	0.29	0.33	0.35	0.37	0.39	0.41	
	0.20		0.17	0.21	0.24	0.27	0.30	0.33	0.35	0.38	0.40	
0.30	0.50	0.20	0.22	0.25	0.28	0.30	0.33	0.35	0.36	0.38	0.39	
	0.30		0.19	0.22	0.25	0.27	0.30	0.33	0.34	0.36	0.38	
	0.20		0.17	0.20	0.23	0.25	0.28	0.31	0.33	0.35	0.37	
0.00	0.00	0.00	0.15	0.17	0.20	0.22	0.25	0.27	0.29	0.31	0.32	
<p>Rating: 41W 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 = 1.50									
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	0.50	0.43	0.37	0.33	0.27	0.23	0.20	0.16	0.13	
	0.30		0.41	0.37	0.32	0.29	0.24	0.21	0.18	0.15	0.12	
	0.20		0.36	0.32	0.29	0.26	0.22	0.19	0.17	0.14	0.12	
0.50	0.50	0.20	0.46	0.40	0.34	0.30	0.25	0.22	0.18	0.15	0.12	
	0.30		0.39	0.34	0.30	0.27	0.23	0.19	0.17	0.14	0.12	
	0.20		0.34	0.30	0.27	0.25	0.21	0.18	0.16	0.13	0.11	
0.30	0.50	0.20	0.43	0.37	0.31	0.28	0.23	0.19	0.17	0.13	0.11	
	0.30		0.37	0.32	0.28	0.25	0.21	0.18	0.16	0.13	0.11	
	0.20		0.32	0.29	0.26	0.23	0.20	0.17	0.15	0.12	0.10	
0.00	0.00	0.00	0.26	0.23	0.20	0.18	0.15	0.13	0.12	0.10	0.08	
<p>Rating: 41W 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 = 1.50									
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	0.19	0.20	0.20	0.20	0.20	
	0.30		0.14	0.15	0.15	0.16	0.17	0.17	0.18	0.18	0.19	
	0.20		0.12	0.12	0.13	0.14	0.14	0.15	0.16	0.17	0.17	
0.50	0.50	0.20	0.17	0.18	0.18	0.18	0.19	0.19	0.19	0.19	0.19	
	0.30		0.14	0.15	0.15	0.16	0.16	0.17	0.17	0.18	0.18	
	0.20		0.11	0.12	0.13	0.13	0.14	0.15	0.15	0.16	0.17	
0.30	0.50	0.20	0.16	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	
	0.30		0.14	0.14	0.15	0.15	0.16	0.16	0.16	0.17	0.17	
	0.20		0.11	0.12	0.13	0.13	0.14	0.14	0.15	0.16	0.16	
0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	
<p>Rating: 41W 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	1035.4	1.0	1.0	0.01	0.01
1.0-2.0	1035.3	3.0	4.0	0.03	0.04
2.0-3.0	1035.2	5.0	8.9	0.05	0.09
3.0-4.0	1035.1	6.9	15.8	0.07	0.17
4.0-5.0	1034.9	8.9	24.7	0.09	0.26
5.0-6.0	1034.7	10.9	35.6	0.11	0.37
6.0-7.0	1034.4	12.8	48.5	0.13	0.50
7.0-8.0	1033.9	14.8	63.3	0.15	0.66
8.0-9.0	1033.3	16.7	80.0	0.17	0.83
9.0-10.0	1032.4	18.7	98.7	0.19	1.03
10.0-11.0	1031.3	20.6	119.3	0.21	1.24
11.0-12.0	1030.0	22.5	141.8	0.23	1.48
12.0-13.0	1028.3	24.4	166.2	0.25	1.73
13.0-14.0	1026.3	26.3	192.5	0.27	2.01
14.0-15.0	1024.1	28.1	220.6	0.29	2.30
15.0-16.0	1021.5	29.9	250.6	0.31	2.61
16.0-17.0	1018.6	31.7	282.3	0.33	2.94
17.0-18.0	1015.3	33.5	315.8	0.35	3.29
18.0-19.0	1011.7	35.2	351.0	0.37	3.66
19.0-20.0	1007.7	36.9	387.9	0.38	4.04
20.0-21.0	1003.4	38.5	426.4	0.40	4.44
21.0-22.0	998.7	40.1	466.5	0.42	4.86
22.0-23.0	993.7	41.7	508.2	0.43	5.30
23.0-24.0	988.4	43.2	551.4	0.45	5.75
24.0-25.0	982.7	44.7	596.1	0.47	6.21
25.0-26.0	976.6	46.1	642.2	0.48	6.69
26.0-27.0	970.3	47.5	689.7	0.49	7.19
27.0-28.0	963.7	48.8	738.5	0.51	7.70
28.0-29.0	956.8	50.1	788.6	0.52	8.22
29.0-30.0	949.6	51.3	839.9	0.53	8.75
30.0-31.0	942.0	52.4	892.3	0.55	9.30
31.0-32.0	934.2	53.5	945.8	0.56	9.86
32.0-33.0	926.2	54.6	1000.4	0.57	10.42
33.0-34.0	917.9	55.6	1055.9	0.58	11.00
34.0-35.0	909.3	56.5	1112.4	0.59	11.59
35.0-36.0	900.4	57.3	1169.8	0.60	12.19

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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	891.3	58.1	1227.9	0.61	12.79
37.0-38.0	882.0	58.9	1286.8	0.61	13.41
38.0-39.0	872.5	59.6	1346.3	0.62	14.03
39.0-40.0	862.7	60.2	1406.5	0.63	14.66
40.0-41.0	852.7	60.7	1467.3	0.63	15.29
41.0-42.0	842.4	61.2	1528.5	0.64	15.93
42.0-43.0	832.0	61.6	1590.1	0.64	16.57
43.0-44.0	821.3	62.0	1652.1	0.65	17.21
44.0-45.0	810.4	62.3	1714.4	0.65	17.86
45.0-46.0	799.3	62.5	1776.9	0.65	18.51
46.0-47.0	788.0	62.7	1839.6	0.65	19.17
47.0-48.0	776.5	62.8	1902.4	0.65	19.82
48.0-49.0	764.8	62.8	1965.2	0.65	20.48
49.0-50.0	752.9	62.8	2028.0	0.65	21.13
50.0-51.0	740.7	62.7	2090.6	0.65	21.78
51.0-52.0	728.4	62.5	2153.1	0.65	22.44
52.0-53.0	716.0	62.3	2215.4	0.65	23.08
53.0-54.0	703.3	62.0	2277.4	0.65	23.73
54.0-55.0	690.4	61.6	2339.1	0.64	24.37
55.0-56.0	677.3	61.2	2400.3	0.64	25.01
56.0-57.0	664.0	60.7	2461.0	0.63	25.64
57.0-58.0	650.6	60.2	2521.2	0.63	26.27
58.0-59.0	636.9	59.6	2580.7	0.62	26.89
59.0-60.0	623.1	58.9	2639.6	0.61	27.50
60.0-61.0	609.1	58.1	2697.7	0.61	28.11
61.0-62.0	595.0	57.3	2755.1	0.60	28.71
62.0-63.0	580.6	56.5	2811.5	0.59	29.30
63.0-64.0	566.1	55.6	2867.1	0.58	29.87
64.0-65.0	551.5	54.6	2921.7	0.57	30.44
65.0-66.0	536.7	53.6	2975.2	0.56	31.00
66.0-67.0	521.6	52.5	3027.7	0.55	31.55
67.0-68.0	506.5	51.3	3079.0	0.53	32.08
68.0-69.0	491.3	50.1	3129.1	0.52	32.60
69.0-70.0	476.0	48.9	3178.0	0.51	33.11
70.0-71.0	460.7	47.6	3225.7	0.50	33.61
71.0-72.0	445.2	46.3	3272.0	0.48	34.09

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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	429.8	45.0	3316.9	0.47	34.56
73.0-74.0	414.4	43.6	3360.5	0.45	35.02
74.0-75.0	399.1	42.2	3402.7	0.44	35.45
75.0-76.0	383.9	40.8	3443.4	0.42	35.88
76.0-77.0	368.9	39.3	3482.8	0.41	36.29
77.0-78.0	354.1	37.9	3520.7	0.39	36.68
78.0-79.0	339.5	36.5	3557.1	0.38	37.06
79.0-80.0	325.3	35.1	3592.2	0.37	37.43
80.0-81.0	311.7	33.7	3625.9	0.35	37.78
81.0-82.0	298.7	32.4	3658.3	0.34	38.12
82.0-83.0	286.5	31.1	3689.5	0.32	38.44
83.0-84.0	275.2	30.0	3719.5	0.31	38.76
84.0-85.0	265.0	28.9	3748.4	0.30	39.06
85.0-86.0	256.1	28.0	3776.4	0.29	39.35
86.0-87.0	248.4	27.2	3803.6	0.28	39.63
87.0-88.0	242.0	26.5	3830.1	0.28	39.91
88.0-89.0	236.6	25.9	3856.0	0.27	40.18
89.0-90.0	232.1	25.4	3881.5	0.27	40.44
90.0-91.0	228.4	25.0	3906.5	0.26	40.70
91.0-92.0	225.5	24.7	3931.2	0.26	40.96
92.0-93.0	223.3	24.5	3955.7	0.25	41.22
93.0-94.0	221.4	24.2	3979.9	0.25	41.47
94.0-95.0	219.6	24.0	4003.9	0.25	41.72
95.0-96.0	217.6	23.8	4027.7	0.25	41.97
96.0-97.0	215.7	23.5	4051.2	0.24	42.21
97.0-98.0	213.7	23.2	4074.4	0.24	42.45
98.0-99.0	211.7	23.0	4097.4	0.24	42.69
99.0-100.0	209.6	22.7	4120.1	0.24	42.93
100.0-101.0	207.5	22.4	4142.4	0.23	43.16
101.0-102.0	205.4	22.1	4164.5	0.23	43.39
102.0-103.0	203.1	21.7	4186.3	0.23	43.62
103.0-104.0	200.7	21.4	4207.6	0.22	43.84
104.0-105.0	197.8	21.0	4228.6	0.22	44.06
105.0-106.0	194.5	20.6	4249.2	0.21	44.28
106.0-107.0	191.0	20.1	4269.3	0.21	44.48
107.0-108.0	187.4	19.6	4288.9	0.20	44.69

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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	183.8	19.1	4308.0	0.20	44.89
109.0-110.0	180.1	18.6	4326.6	0.19	45.08
110.0-111.0	176.4	18.1	4344.7	0.19	45.27
111.0-112.0	172.7	17.6	4362.3	0.18	45.45
112.0-113.0	169.5	17.2	4379.5	0.18	45.63
113.0-114.0	166.6	16.8	4396.3	0.17	45.81
114.0-115.0	164.0	16.4	4412.6	0.17	45.98
115.0-116.0	161.5	16.0	4428.6	0.17	46.14
116.0-117.0	159.1	15.6	4444.2	0.16	46.31
117.0-118.0	156.7	15.2	4459.5	0.16	46.47
118.0-119.0	154.4	14.9	4474.4	0.16	46.62
119.0-120.0	152.1	14.5	4488.9	0.15	46.77
120.0-121.0	149.8	14.2	4503.0	0.15	46.92
121.0-122.0	147.5	13.8	4516.8	0.14	47.06
122.0-123.0	145.1	13.4	4530.3	0.14	47.20
123.0-124.0	142.8	13.1	4543.3	0.14	47.34
124.0-125.0	140.4	12.7	4556.0	0.13	47.47
125.0-126.0	138.0	12.3	4568.3	0.13	47.60
126.0-127.0	135.6	12.0	4580.3	0.12	47.73
127.0-128.0	133.2	11.6	4591.9	0.12	47.85
128.0-129.0	130.7	11.2	4603.1	0.12	47.96
129.0-130.0	128.3	10.9	4613.9	0.11	48.08
130.0-131.0	125.8	10.5	4624.4	0.11	48.19
131.0-132.0	123.3	10.1	4634.6	0.11	48.29
132.0-133.0	120.7	9.8	4644.3	0.10	48.39
133.0-134.0	118.1	9.4	4653.7	0.10	48.49
134.0-135.0	115.4	9.0	4662.7	0.09	48.58
135.0-136.0	112.7	8.7	4671.4	0.09	48.67
136.0-137.0	110.0	8.3	4679.7	0.09	48.76
137.0-138.0	107.3	7.9	4687.7	0.08	48.84
138.0-139.0	104.5	7.6	4695.2	0.08	48.92
139.0-140.0	101.7	7.2	4702.5	0.08	49.00
140.0-141.0	99.0	6.9	4709.4	0.07	49.07
141.0-142.0	96.4	6.6	4716.0	0.07	49.14
142.0-143.0	93.7	6.3	4722.2	0.07	49.20
143.0-144.0	91.1	5.9	4728.2	0.06	49.27

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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	88.5	5.6	4733.8	0.06	49.32
145.0-146.0	85.8	5.3	4739.1	0.06	49.38
146.0-147.0	83.3	5.0	4744.2	0.05	49.43
147.0-148.0	80.7	4.8	4748.9	0.05	49.48
148.0-149.0	78.1	4.5	4753.4	0.05	49.53
149.0-150.0	75.5	4.2	4757.6	0.04	49.57
150.0-151.0	72.9	3.9	4761.5	0.04	49.61
151.0-152.0	70.3	3.7	4765.2	0.04	49.65
152.0-153.0	67.5	3.4	4768.6	0.04	49.69
153.0-154.0	64.7	3.2	4771.8	0.03	49.72
154.0-155.0	61.9	2.9	4774.7	0.03	49.75
155.0-156.0	59.2	2.7	4777.4	0.03	49.78
156.0-157.0	56.4	2.5	4779.9	0.03	49.81
157.0-158.0	53.8	2.3	4782.2	0.02	49.83
158.0-159.0	51.3	2.1	4784.2	0.02	49.85
159.0-160.0	48.8	1.9	4786.1	0.02	49.87
160.0-161.0	46.4	1.7	4787.8	0.02	49.89
161.0-162.0	44.0	1.5	4789.3	0.02	49.90
162.0-163.0	41.6	1.4	4790.7	0.01	49.92
163.0-164.0	39.3	1.2	4791.9	0.01	49.93
164.0-165.0	37.1	1.1	4793.0	0.01	49.94
165.0-166.0	34.9	1.0	4794.0	0.01	49.95
166.0-167.0	32.8	0.8	4794.8	0.01	49.96
167.0-168.0	30.7	0.7	4795.5	0.01	49.97
168.0-169.0	28.6	0.6	4796.2	0.01	49.97
169.0-170.0	26.6	0.5	4796.7	0.01	49.98
170.0-171.0	24.7	0.4	4797.1	0.00	49.98
171.0-172.0	22.9	0.4	4797.5	0.00	49.99
172.0-173.0	21.3	0.3	4797.8	0.00	49.99
173.0-174.0	19.8	0.2	4798.0	0.00	49.99
174.0-175.0	18.6	0.2	4798.2	0.00	50.00
175.0-176.0	17.5	0.2	4798.4	0.00	50.00
176.0-177.0	16.6	0.1	4798.5	0.00	50.00
177.0-178.0	15.8	0.1	4798.6	0.00	50.00
178.0-179.0	15.3	0.0	4798.6	0.00	50.00
179.0-180.0	15.1	0.0	4798.6	0.00	50.00

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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	1037.4	1036.6	1036.0	1035.2	1034.6	1032.8	1037.4	1036.6	1036.0	1035.2
G1.0	1037.8	1035.7	1034.2	1033.0	1032.3	1031.0	1036.4	1037.0	1037.9	1037.6
G2.0	1038.0	1034.5	1032.7	1031.2	1030.4	1028.9	1034.9	1037.2	1040.0	1040.6
G3.0	1037.5	1033.2	1031.4	1030.1	1028.7	1026.7	1032.9	1037.3	1042.1	1043.8
G4.0	1036.6	1031.7	1030.5	1030.0	1027.7	1024.4	1030.4	1036.9	1044.1	1046.9
G5.0	1035.2	1029.9	1030.4	1030.4	1027.0	1021.6	1027.6	1036.3	1046.0	1050.1
G6.0	1033.3	1027.9	1030.4	1031.2	1026.7	1019.0	1024.0	1035.2	1047.9	1053.2
G7.0	1030.8	1025.8	1030.6	1032.5	1026.5	1016.2	1020.1	1033.9	1049.5	1056.3
G8.0	1028.0	1023.6	1031.1	1034.2	1026.5	1013.1	1015.7	1032.3	1050.9	1059.1
G9.0	1024.6	1021.2	1031.7	1036.1	1026.7	1009.8	1010.9	1030.3	1052.0	1061.5
G10.0	1020.8	1018.6	1032.5	1038.0	1026.9	1006.4	1005.6	1027.8	1052.6	1063.7
G11.0	1016.6	1015.7	1033.3	1040.1	1027.2	1002.5	1000.0	1025.1	1053.1	1065.7
G12.0	1011.9	1012.8	1033.9	1042.0	1027.3	998.6	993.5	1021.8	1053.2	1067.2
G13.0	1006.5	1009.6	1034.4	1043.9	1027.3	994.3	987.0	1018.5	1052.9	1068.4
G14.0	1001.1	1006.2	1034.9	1045.4	1027.2	990.1	979.9	1014.5	1052.3	1069.1
G15.0	995.0	1002.4	1035.2	1046.7	1026.8	985.5	972.5	1010.3	1051.3	1069.5
G16.0	988.5	998.6	1035.2	1047.8	1026.1	980.7	964.3	1005.6	1049.9	1069.6
G17.0	981.6	994.4	1034.9	1048.6	1025.3	975.5	956.3	1000.8	1048.2	1069.2
G18.0	974.3	990.0	1034.4	1049.1	1024.1	970.4	947.5	995.2	1046.0	1068.3
G19.0	966.8	985.3	1033.4	1049.2	1022.6	964.7	938.2	989.5	1043.5	1067.2
G20.0	959.0	980.6	1032.3	1048.8	1020.9	959.0	928.8	983.6	1040.5	1065.6
G21.0	950.4	975.2	1030.7	1048.2	1018.7	952.9	919.0	977.1	1037.2	1063.6
G22.0	941.5	969.7	1028.8	1047.4	1016.2	946.4	908.7	970.1	1033.5	1061.0
G23.0	932.6	964.1	1026.4	1045.9	1013.3	940.0	898.3	963.2	1029.5	1058.3
G24.0	922.7	958.0	1023.8	1044.1	1010.2	932.8	887.7	955.9	1025.1	1055.2
G25.0	913.0	951.9	1020.9	1042.1	1006.8	926.0	876.5	947.7	1020.2	1051.6
G26.0	903.0	945.3	1017.8	1039.7	1002.8	918.3	865.0	939.6	1015.2	1047.9
G27.0	893.0	938.6	1013.9	1037.0	998.8	910.9	853.2	931.3	1009.6	1043.6
G28.0	882.1	931.6	1009.8	1033.9	994.3	902.8	841.3	922.9	1003.9	1039.1
G29.0	870.7	924.3	1005.7	1030.6	989.6	894.9	828.9	913.5	997.8	1034.3
G30.0	859.5	916.5	1001.0	1026.7	984.4	886.6	816.4	904.4	991.5	1029.2
G31.0	848.2	908.8	996.2	1022.8	979.3	877.8	803.5	894.6	984.5	1023.5
G32.0	836.0	900.7	991.0	1018.6	973.4	868.9	790.7	885.3	977.6	1018.0
G33.0	824.6	892.4	985.5	1013.9	967.6	859.9	777.4	874.7	970.2	1011.8
G34.0	811.9	883.7	979.6	1009.0	961.4	850.8	764.0	864.6	963.0	1005.5
G35.0	799.6	874.9	973.7	1004.1	955.2	841.4	750.0	854.0	954.9	998.7
G36.0	787.1	865.8	967.3	998.6	948.3	831.4	736.7	843.1	946.4	991.7

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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	774.2	856.7	960.9	993.1	941.4	821.6	722.3	832.2	938.0	984.6
G38.0	761.1	846.9	954.0	987.1	934.2	811.5	708.4	820.9	929.5	977.1
G39.0	747.8	837.1	947.1	981.1	926.9	801.1	694.3	809.4	920.3	969.3
G40.0	734.4	827.1	939.8	974.5	919.2	790.5	679.6	797.7	911.4	961.1
G41.0	720.7	817.2	932.3	968.2	911.3	779.7	664.9	786.0	901.9	953.1
G42.0	706.5	806.6	924.1	961.0	903.1	768.5	650.1	773.7	892.3	944.2
G43.0	692.8	796.5	916.2	953.9	894.7	757.6	635.2	761.5	882.1	935.5
G44.0	678.6	785.5	908.0	946.3	886.0	746.2	620.4	748.7	871.9	926.3
G45.0	664.6	774.5	899.6	938.5	877.2	734.6	604.8	736.2	861.4	916.6
G46.0	650.5	763.3	890.7	930.5	868.1	723.4	589.8	723.6	850.7	907.2
G47.0	635.6	752.2	881.7	922.4	858.7	711.6	574.2	709.8	839.6	897.2
G48.0	621.3	740.2	872.6	913.8	849.3	699.7	558.8	696.8	828.5	887.1
G49.0	607.3	729.4	863.2	905.3	839.3	687.7	542.8	683.4	816.8	876.9
G50.0	591.3	717.3	853.4	895.9	829.3	675.2	527.4	669.4	804.8	865.7
G51.0	576.7	705.6	843.6	887.0	819.3	663.2	511.5	655.5	793.1	854.7
G52.0	561.9	693.4	833.1	877.4	808.3	650.1	495.9	641.8	780.8	843.3
G53.0	547.0	681.1	823.1	867.9	798.1	638.2	479.8	627.5	768.7	831.6
G54.0	531.6	668.3	812.0	857.4	786.9	624.9	463.7	613.4	755.8	820.0
G55.0	516.1	656.5	801.3	847.5	775.7	612.1	447.4	598.5	742.9	807.4
G56.0	500.5	643.3	790.2	836.8	764.4	598.8	431.0	584.0	729.9	795.1
G57.0	485.6	630.6	779.0	825.9	752.9	585.7	414.5	568.8	716.5	782.4
G58.0	469.3	617.5	767.3	814.8	741.0	572.2	398.2	554.1	702.5	769.4
G59.0	454.2	604.5	755.6	804.0	729.1	558.2	381.7	539.0	688.4	756.2
G60.0	438.8	590.7	743.6	792.1	716.1	544.7	365.2	523.9	674.6	742.7
G61.0	423.1	577.3	731.4	780.2	704.3	531.3	348.6	507.9	660.3	729.0
G62.0	406.6	563.5	718.9	768.2	691.3	517.0	332.3	492.9	646.0	715.3
G63.0	390.8	549.6	706.0	755.9	678.0	503.0	315.5	476.9	631.6	700.2
G64.0	374.9	536.1	693.1	743.0	664.7	488.5	298.8	461.8	616.3	686.2
G65.0	359.0	522.2	680.0	730.0	651.7	474.3	281.9	445.8	601.1	671.3
G66.0	342.8	507.8	666.2	717.0	638.0	459.9	265.6	429.9	586.1	656.3
G67.0	326.1	493.0	652.6	703.2	623.7	444.8	248.9	413.7	570.8	641.2
G68.0	310.3	478.6	638.9	690.2	610.0	430.5	232.4	397.8	555.3	625.8
G69.0	293.5	464.0	625.2	675.5	595.7	415.6	215.4	381.7	539.7	610.0
G70.0	278.0	449.2	611.1	662.3	581.6	400.6	199.2	365.8	524.0	594.2
G71.0	261.5	434.4	596.5	647.5	566.9	385.5	182.5	349.7	508.6	579.1
G72.0	245.5	419.4	581.8	633.2	552.6	370.5	166.3	333.8	492.6	563.0
G73.0	229.3	404.4	567.0	618.4	538.1	355.7	150.5	318.4	476.9	547.5

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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	213.4	389.6	552.1	603.9	522.9	340.8	134.7	302.9	461.4	531.1
G75.0	196.6	374.5	537.2	589.3	508.3	325.9	119.3	287.8	446.5	516.0
G76.0	181.1	359.4	522.5	573.5	493.5	311.2	104.6	272.9	431.3	501.0
G77.0	165.4	344.1	507.2	558.5	478.7	296.3	90.4	258.9	417.4	485.7
G78.0	149.9	329.2	492.2	543.5	463.6	282.3	75.8	244.7	403.1	471.4
G79.0	134.6	314.4	477.2	528.6	449.0	268.0	62.4	231.6	389.6	457.1
G80.0	119.2	299.3	462.3	513.7	434.6	254.3	50.5	219.3	377.0	443.6
G81.0	104.6	284.9	447.6	498.9	420.1	241.1	38.9	208.0	365.5	431.2
G82.0	90.4	270.8	433.0	484.8	406.6	228.9	28.3	198.2	354.7	419.3
G83.0	76.7	257.0	418.6	469.7	392.9	216.4	19.6	189.8	345.9	409.1
G84.0	63.8	243.8	405.0	456.4	380.2	205.6	12.3	182.9	338.3	400.1
G85.0	51.6	231.1	391.2	443.1	368.0	195.1	7.1	178.3	332.7	393.1
G86.0	40.3	219.2	378.9	430.4	356.9	186.4	4.1	175.5	328.9	387.5
G87.0	30.0	207.6	366.5	418.9	346.9	178.7	3.4	174.0	326.1	383.5
G88.0	20.9	197.9	355.9	407.8	337.9	173.1	3.4	172.5	323.3	380.0
G89.0	13.6	188.9	345.8	398.6	330.8	169.2	3.5	171.0	320.5	376.6
G90.0	7.9	181.6	337.4	390.7	325.1	167.6	3.6	169.5	317.6	373.0
G91.0	4.5	176.0	330.6	384.4	321.3	166.8	3.7	167.9	314.6	369.6
G92.0	3.5	172.6	325.7	379.7	319.0	166.1	3.8	166.4	311.7	365.9
G93.0	3.6	171.1	322.5	376.6	316.8	165.3	3.9	164.8	308.7	362.2
G94.0	3.8	170.2	320.2	373.6	314.6	164.4	4.0	163.2	305.7	358.5
G95.0	3.8	169.3	317.8	370.5	312.2	163.6	4.1	161.5	302.6	354.6
G96.0	4.0	168.4	315.3	367.5	309.8	162.6	4.3	159.8	299.5	350.8
G97.0	4.1	167.4	312.9	364.1	307.4	161.7	4.4	158.1	296.3	347.1
G98.0	4.2	166.4	310.2	360.8	304.9	160.7	4.5	156.2	293.0	343.0
G99.0	4.3	165.3	307.6	357.6	302.3	159.6	4.6	154.2	289.8	339.3
G100.0	4.4	164.2	304.9	354.3	299.7	158.5	4.7	152.1	286.4	335.3
G101.0	4.6	163.1	302.2	350.7	297.0	157.4	4.9	149.9	283.1	331.3
G102.0	4.7	161.9	299.4	347.4	294.3	156.3	5.0	147.7	279.8	327.2
G103.0	4.9	160.7	296.6	343.8	291.5	155.1	5.1	145.6	275.4	323.2
G104.0	5.1	159.4	293.8	340.2	288.7	153.9	5.3	143.2	267.3	319.2
G105.0	5.3	158.2	290.9	336.6	285.9	152.5	5.3	140.3	258.4	315.2
G106.0	5.4	156.9	287.9	333.1	282.9	151.3	5.5	136.3	249.6	309.6
G107.0	5.5	155.5	284.8	329.3	279.1	149.9	5.6	131.6	244.1	302.4
G108.0	5.7	154.2	281.8	325.7	271.6	148.3	5.8	126.7	240.1	294.7
G109.0	5.9	152.7	275.2	321.9	262.9	145.6	5.9	122.4	237.2	288.0
G110.0	6.0	151.3	266.7	317.8	254.1	142.1	6.1	118.8	234.0	283.3

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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	6.2	149.8	256.1	310.8	248.8	137.8	6.2	116.2	230.9	279.3
G112.0	6.3	147.7	249.1	303.3	245.3	133.8	6.3	113.9	227.6	275.1
G113.0	6.4	144.6	244.6	296.2	242.9	130.8	6.5	111.9	224.3	271.1
G114.0	6.6	140.8	242.0	291.5	240.5	128.6	6.6	109.7	220.9	267.0
G115.0	6.8	136.5	239.6	287.6	238.1	127.1	6.8	107.6	217.4	262.8
G116.0	6.9	132.5	237.2	283.9	235.4	125.7	7.0	105.6	214.1	258.6
G117.0	7.0	129.4	234.7	280.2	232.9	124.3	7.1	103.5	210.5	254.3
G118.0	7.2	126.9	232.1	276.5	230.1	122.9	7.2	101.5	206.9	250.3
G119.0	7.3	125.1	229.5	272.7	227.4	121.5	7.4	99.4	203.4	246.0
G120.0	7.5	123.4	226.7	268.8	224.6	119.9	7.5	97.4	199.9	241.7
G121.0	7.6	121.8	224.0	265.0	221.8	118.4	7.7	95.4	196.2	237.5
G122.0	7.7	120.2	221.0	261.1	218.8	116.8	7.8	93.3	192.6	233.3
G123.0	7.9	118.6	218.2	257.2	215.8	115.2	7.9	91.3	188.9	228.9
G124.0	8.0	116.9	215.1	253.3	212.8	113.6	8.1	89.3	185.3	224.9
G125.0	8.2	115.4	212.1	249.4	209.7	111.8	8.2	87.3	181.5	220.5
G126.0	8.4	113.6	209.0	245.4	206.5	110.1	8.4	85.4	177.8	216.3
G127.0	8.5	111.8	205.8	241.5	203.3	108.4	8.5	83.5	174.0	211.9
G128.0	8.7	110.0	202.5	237.5	200.0	106.6	8.7	81.6	170.3	207.6
G129.0	8.8	108.2	199.4	233.7	196.8	104.8	8.8	79.6	166.4	203.3
G130.0	8.9	106.5	196.0	229.5	193.5	103.1	9.0	77.8	162.6	198.9
G131.0	9.1	104.7	192.7	225.6	190.3	101.3	9.1	76.0	158.8	194.4
G132.0	9.2	102.9	189.3	221.3	186.9	99.3	9.3	74.2	154.9	190.0
G133.0	9.4	101.1	186.1	217.3	183.4	97.5	9.4	72.4	150.9	185.6
G134.0	9.5	99.1	182.5	213.3	179.9	95.6	9.6	70.6	147.2	181.2
G135.0	9.6	96.8	179.0	209.1	176.4	93.8	9.8	68.5	143.3	176.7
G136.0	9.8	93.9	175.4	205.0	172.7	91.7	9.9	66.6	139.3	172.4
G137.0	9.9	90.8	171.9	200.8	169.2	89.6	10.1	64.6	135.4	167.8
G138.0	10.1	87.6	168.2	196.6	165.5	87.7	10.3	62.6	131.6	163.4
G139.0	10.2	84.4	164.6	192.3	161.9	85.8	10.4	60.5	127.6	158.8
G140.0	10.3	81.3	160.8	187.9	158.2	84.0	10.6	58.5	123.9	154.3
G141.0	10.5	78.3	157.1	183.7	154.5	82.3	10.7	56.5	120.1	149.9
G142.0	10.6	75.4	153.1	179.3	150.7	80.5	10.9	54.5	116.6	145.4
G143.0	10.7	72.8	149.4	174.9	147.1	78.6	11.0	52.7	112.9	140.7
G144.0	10.9	70.1	145.6	170.4	143.3	76.5	11.2	50.9	109.4	136.2
G145.0	11.0	67.6	141.8	166.1	139.5	74.5	11.3	49.1	105.6	131.5
G146.0	11.1	65.3	138.0	161.5	135.6	72.4	11.5	47.5	102.3	126.9
G147.0	11.3	63.3	134.2	157.1	131.8	70.2	11.6	45.7	98.9	122.3

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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	11.4	61.4	130.3	152.5	128.0	68.2	11.7	44.0	95.7	117.9
G149.0	11.6	59.7	126.5	147.9	124.2	66.1	11.9	42.1	92.4	113.1
G150.0	12.0	58.4	122.3	143.3	120.4	64.1	12.0	40.4	89.1	108.7
G151.0	12.3	57.3	117.7	138.8	116.6	62.0	12.1	38.5	85.6	104.4
G152.0	12.4	55.7	112.3	134.2	112.6	59.9	12.3	36.9	81.9	100.0
G153.0	12.6	53.9	106.6	129.6	108.8	58.0	12.4	35.1	78.1	95.8
G154.0	12.7	52.4	101.2	125.0	104.9	55.9	12.5	33.5	74.3	91.5
G155.0	12.9	50.8	96.1	120.4	101.4	53.9	12.7	31.8	70.6	86.9
G156.0	13.0	49.3	90.9	115.7	97.6	52.0	12.8	30.3	66.9	82.2
G157.0	13.1	47.5	85.8	111.0	94.1	50.2	12.9	28.6	63.1	77.4
G158.0	13.3	45.9	81.0	106.6	90.3	48.3	13.1	27.1	59.2	72.8
G159.0	13.4	44.1	76.0	102.2	86.1	46.3	13.2	25.6	55.5	68.2
G160.0	13.5	42.3	71.6	97.8	82.2	44.5	13.3	24.2	51.8	63.8
G161.0	13.6	40.2	68.1	93.0	78.0	42.6	13.4	22.8	48.1	59.6
G162.0	13.8	38.3	64.6	88.1	74.0	40.8	13.5	21.4	44.5	55.5
G163.0	13.9	36.6	61.2	83.2	70.0	39.0	13.6	20.2	41.1	51.0
G164.0	14.0	35.2	57.9	78.2	66.2	37.3	13.7	19.0	37.7	46.6
G165.0	14.1	33.9	54.7	73.4	62.4	35.6	13.8	17.9	34.5	42.4
G166.0	14.2	32.6	51.7	68.9	58.6	33.9	13.9	16.9	31.3	38.4
G167.0	14.4	31.3	48.4	64.1	54.6	32.2	14.1	16.0	28.4	34.7
G168.0	14.4	30.0	44.8	59.5	50.8	30.5	14.1	15.2	25.5	31.0
G169.0	14.5	28.7	41.0	54.9	46.8	28.9	14.2	14.5	22.9	27.7
G170.0	14.6	27.4	37.3	50.2	43.2	27.3	14.4	13.9	20.6	24.4
G171.0	14.7	26.0	33.8	45.6	39.6	25.7	14.4	13.4	18.6	21.6
G172.0	14.7	24.6	30.7	41.4	36.2	24.1	14.6	13.0	16.7	19.0
G173.0	14.8	23.1	28.0	37.3	32.8	22.7	14.6	12.7	15.3	16.9
G174.0	14.8	21.8	26.0	33.6	29.7	21.3	14.7	12.6	14.0	15.0
G175.0	14.9	20.6	24.0	29.8	26.8	19.9	14.8	12.6	13.2	13.6
G176.0	14.9	19.4	22.1	26.4	23.9	18.6	14.9	12.8	12.7	12.9
G177.0	14.9	18.3	20.3	23.0	21.3	17.5	14.9	13.2	12.6	12.6
G178.0	15.0	17.2	19.0	19.9	18.9	16.3	15.0	13.8	13.0	12.6
G179.0	15.0	16.2	16.8	17.1	16.7	15.3	15.0	14.4	14.0	13.7
G180.0	15.0	15.2	15.2	15.2	15.0	14.4	15.0	15.2	15.3	15.2

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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	1034.6	1032.8	1037.4							
G1.0	1036.9	1034.2	1037.8							
G2.0	1039.3	1035.4	1038.0							
G3.0	1041.8	1036.3	1037.5							
G4.0	1044.3	1036.8	1036.6							
G5.0	1046.9	1037.2	1035.2							
G6.0	1049.1	1037.2	1033.3							
G7.0	1051.4	1036.8	1030.8							
G8.0	1053.3	1036.2	1028.0							
G9.0	1055.0	1035.0	1024.6							
G10.0	1056.3	1033.7	1020.8							
G11.0	1057.3	1032.0	1016.6							
G12.0	1058.2	1029.8	1011.9							
G13.0	1058.5	1027.3	1006.5							
G14.0	1058.4	1024.3	1001.1							
G15.0	1058.0	1021.0	995.0							
G16.0	1057.3	1017.5	988.5							
G17.0	1056.0	1013.4	981.6							
G18.0	1054.3	1009.1	974.3							
G19.0	1052.4	1004.2	966.8							
G20.0	1049.9	999.2	959.0							
G21.0	1047.3	993.6	950.4							
G22.0	1044.1	987.6	941.5							
G23.0	1040.6	981.5	932.6							
G24.0	1036.6	974.8	922.7							
G25.0	1032.3	967.7	913.0							
G26.0	1027.7	960.7	903.0							
G27.0	1022.7	952.9	893.0							
G28.0	1017.3	945.3	882.1							
G29.0	1011.8	936.8	870.7							
G30.0	1005.9	928.5	859.5							
G31.0	999.2	919.7	848.2							
G32.0	992.8	910.3	836.0							
G33.0	986.1	900.8	824.6							
G34.0	978.8	891.5	811.9							
G35.0	970.9	881.3	799.6							
G36.0	963.4	871.3	787.1							

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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	955.3	860.6	774.2							
G38.0	947.0	850.2	761.1							
G39.0	938.2	839.4	747.8							
G40.0	929.6	828.0	734.4							
G41.0	920.3	816.7	720.7							
G42.0	911.1	805.4	706.5							
G43.0	901.2	793.3	692.8							
G44.0	891.4	781.3	678.6							
G45.0	881.0	769.0	664.6							
G46.0	870.6	756.8	650.5							
G47.0	859.8	744.1	635.6							
G48.0	849.0	730.9	621.3							
G49.0	837.7	717.9	607.3							
G50.0	826.3	705.0	591.3							
G51.0	814.2	691.3	576.7							
G52.0	802.2	677.9	561.9							
G53.0	790.3	664.5	547.0							
G54.0	777.8	650.4	531.6							
G55.0	765.0	635.9	516.1							
G56.0	752.3	621.8	500.5							
G57.0	738.9	607.3	485.6							
G58.0	726.0	593.0	469.3							
G59.0	711.8	577.9	454.2							
G60.0	698.5	562.9	438.8							
G61.0	684.1	547.8	423.1							
G62.0	670.0	532.8	406.6							
G63.0	655.1	517.0	390.8							
G64.0	640.6	501.8	374.9							
G65.0	625.6	486.4	359.0							
G66.0	610.9	470.9	342.8							
G67.0	595.1	454.5	326.1							
G68.0	580.1	438.9	310.3							
G69.0	564.3	422.5	293.5							
G70.0	548.9	406.5	278.0							
G71.0	533.0	390.7	261.5							
G72.0	516.9	374.1	245.5							
G73.0	501.3	358.4	229.3							

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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	485.4	342.3	213.4							
G75.0	470.2	326.5	196.6							
G76.0	454.3	310.5	181.1							
G77.0	439.1	295.4	165.4							
G78.0	424.1	280.5	149.9							
G79.0	409.9	265.0	134.6							
G80.0	395.5	251.5	119.2							
G81.0	382.5	237.3	104.6							
G82.0	369.7	223.9	90.4							
G83.0	358.8	211.9	76.7							
G84.0	348.3	200.8	63.8							
G85.0	339.8	191.1	51.6							
G86.0	332.6	182.4	40.3							
G87.0	327.7	176.0	30.0							
G88.0	324.3	171.5	20.9							
G89.0	321.4	169.1	13.6							
G90.0	318.6	167.5	7.9							
G91.0	315.6	166.0	4.5							
G92.0	312.6	164.5	3.5							
G93.0	309.7	162.9	3.6							
G94.0	306.6	161.3	3.8							
G95.0	303.6	159.7	3.8							
G96.0	300.3	158.1	4.0							
G97.0	297.1	156.3	4.1							
G98.0	294.0	154.6	4.2							
G99.0	290.6	152.9	4.3							
G100.0	287.3	151.0	4.4							
G101.0	284.0	149.1	4.6							
G102.0	280.6	147.0	4.7							
G103.0	277.3	144.8	4.9							
G104.0	273.4	142.5	5.1							
G105.0	265.9	140.4	5.3							
G106.0	256.4	138.0	5.4							
G107.0	246.3	135.8	5.5							
G108.0	239.5	133.4	5.7							
G109.0	235.1	130.6	5.9							
G110.0	232.0	126.8	6.0							

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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	229.1	122.5	6.2							
G112.0	226.0	117.8	6.3							
G113.0	222.8	113.4	6.4							
G114.0	219.5	109.4	6.6							
G115.0	216.2	106.2	6.8							
G116.0	212.9	103.6	6.9							
G117.0	209.5	101.2	7.0							
G118.0	206.2	99.0	7.2							
G119.0	202.6	96.9	7.3							
G120.0	199.2	94.9	7.5							
G121.0	195.7	93.0	7.6							
G122.0	192.2	91.1	7.7							
G123.0	188.6	89.2	7.9							
G124.0	184.9	87.3	8.0							
G125.0	181.3	85.4	8.2							
G126.0	177.5	83.7	8.4							
G127.0	173.8	81.9	8.5							
G128.0	169.9	80.1	8.7							
G129.0	166.1	78.2	8.8							
G130.0	162.4	76.3	8.9							
G131.0	158.3	74.2	9.1							
G132.0	154.5	71.7	9.2							
G133.0	150.5	68.9	9.4							
G134.0	146.8	65.9	9.5							
G135.0	142.7	63.5	9.6							
G136.0	138.8	61.3	9.8							
G137.0	134.9	59.1	9.9							
G138.0	131.1	56.5	10.1							
G139.0	127.3	53.5	10.2							
G140.0	123.5	51.1	10.3							
G141.0	119.7	49.1	10.5							
G142.0	116.0	47.4	10.6							
G143.0	112.4	45.7	10.7							
G144.0	108.7	44.2	10.9							
G145.0	104.9	42.8	11.0							
G146.0	100.8	41.5	11.1							
G147.0	97.0	40.3	11.3							

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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	93.2	39.0	11.4							
G149.0	87.5	37.7	11.6							
G150.0	83.0	36.5	12.0							
G151.0	79.7	35.1	12.3							
G152.0	75.3	33.8	12.4							
G153.0	70.3	32.4	12.6							
G154.0	64.8	31.0	12.7							
G155.0	59.5	29.6	12.9							
G156.0	54.6	28.2	13.0							
G157.0	50.5	26.8	13.1							
G158.0	47.4	25.4	13.3							
G159.0	45.4	24.0	13.4							
G160.0	43.2	22.8	13.5							
G161.0	40.4	21.8	13.6							
G162.0	38.4	20.7	13.8							
G163.0	36.5	19.6	13.9							
G164.0	33.9	18.7	14.0							
G165.0	31.3	17.8	14.1							
G166.0	28.8	17.0	14.2							
G167.0	26.4	16.2	14.4							
G168.0	24.1	15.4	14.4							
G169.0	21.9	14.7	14.5							
G170.0	19.8	14.1	14.6							
G171.0	18.0	13.6	14.7							
G172.0	16.4	13.1	14.7							
G173.0	15.1	12.8	14.8							
G174.0	14.0	12.6	14.8							
G175.0	13.3	12.5	14.9							
G176.0	12.7	12.5	14.9							
G177.0	12.5	12.7	14.9							
G178.0	12.8	13.2	15.0							
G179.0	13.6	13.8	15.0							
G180.0	15.0	14.5	15.0							

C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 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: