

Report No.: BR202002014-2

Test Time: 2020-05-08 16:14

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: LC

Lamp Catalog: SLE30-I600 120-277W D1R

Number of Lamps: 240

Luminous Length (mm): 902

Luminous Height (mm): 85

Current: 0.334 A

Power Factor: 0.997

Luminaire Description: MX811L-4FT-3500k

Lamp Description: 2835/3500K

Lumens per Lamp: 32-35LM

Luminous Width (mm): 70

Voltage: 119.0 V

Power: 39.68 W

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 4969.8 lm

Downward Ratio: 52.34%

Field Angle: H157.2 V309.3

Luminaire Efficacy Rating (LER): 125

Max. Intensity: 1105.73 cd

Total Rated Lamp Lumens: 7680.0 lm

Efficiency: 64.71%

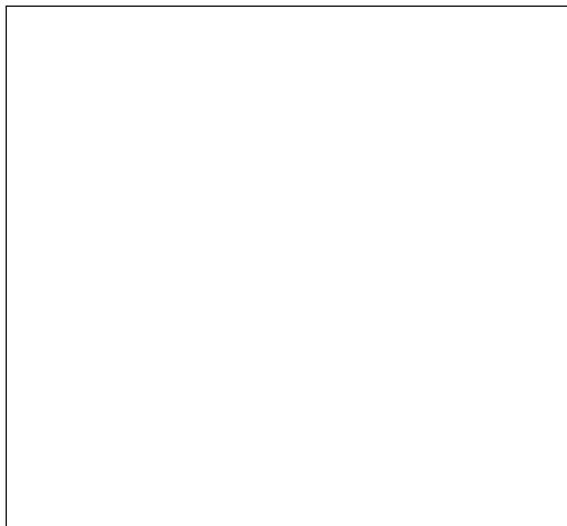
Upward Ratio: 12.37%

Beam Angle: H105.4 V153.6

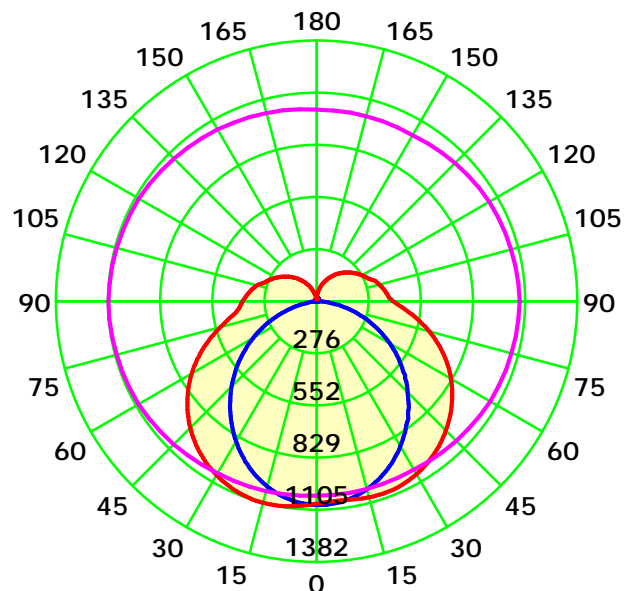
Central Intensity: 1079.69 cd

Pos of Max. Intensity: H270 V15

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 129.5° Unit: cd

— C0-C180 — C90-C270 — G15

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

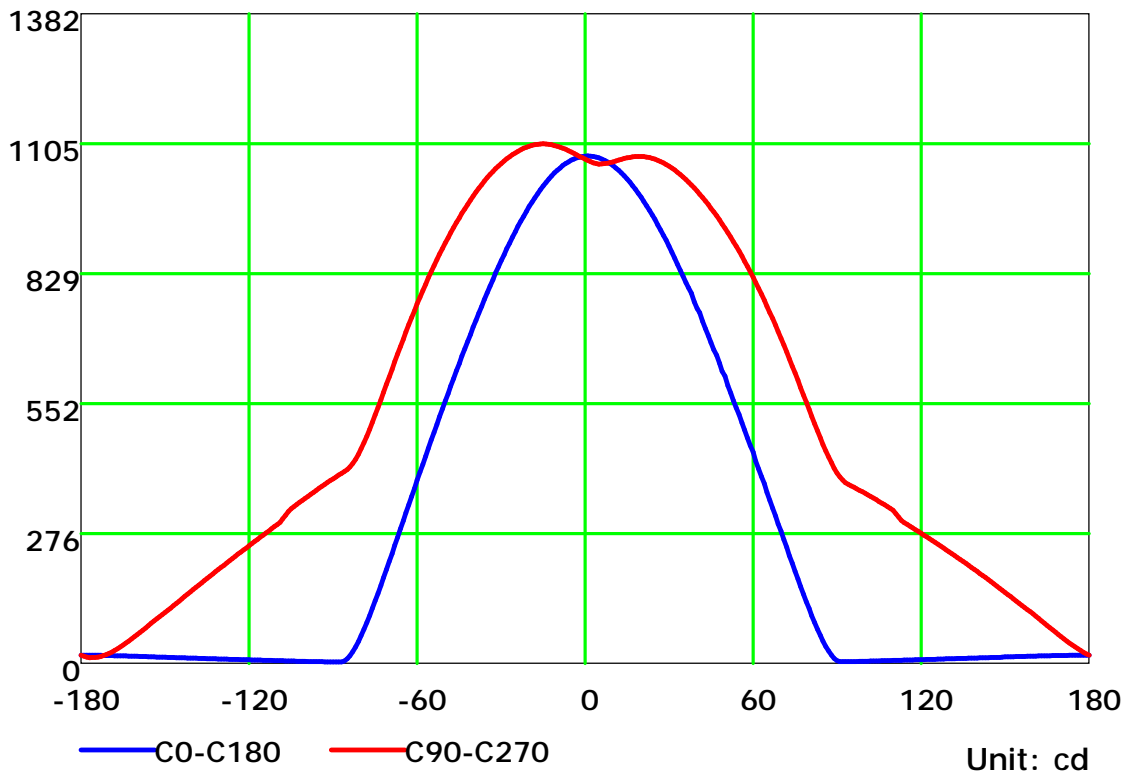
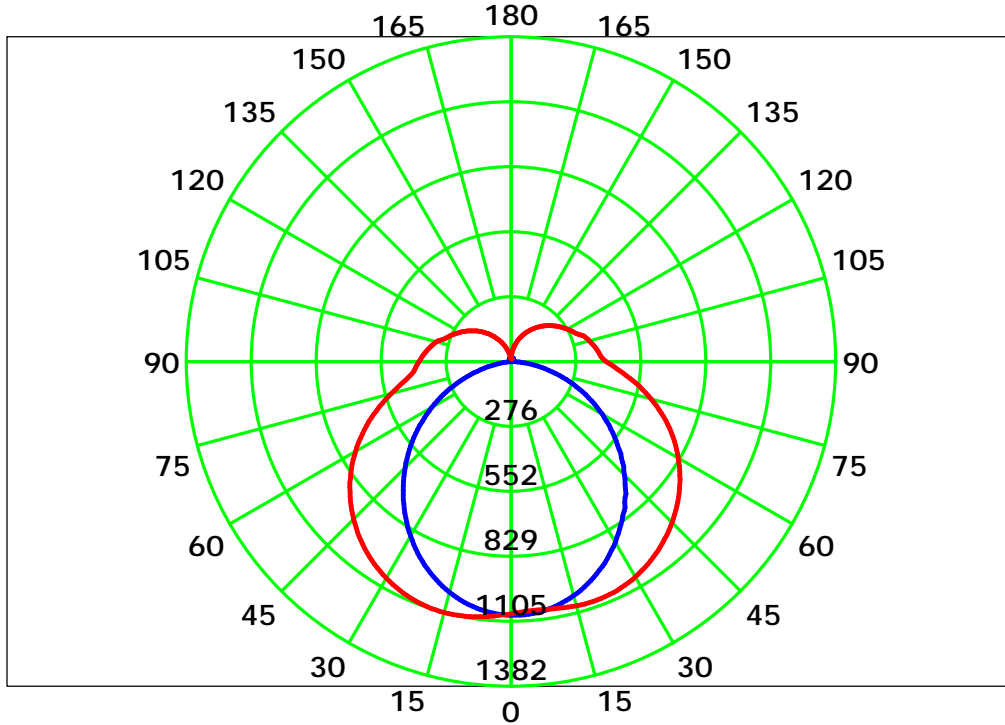
Test Device: GPM-1600L

Distance: 8.690 m

Humidity: 88

Inspector:

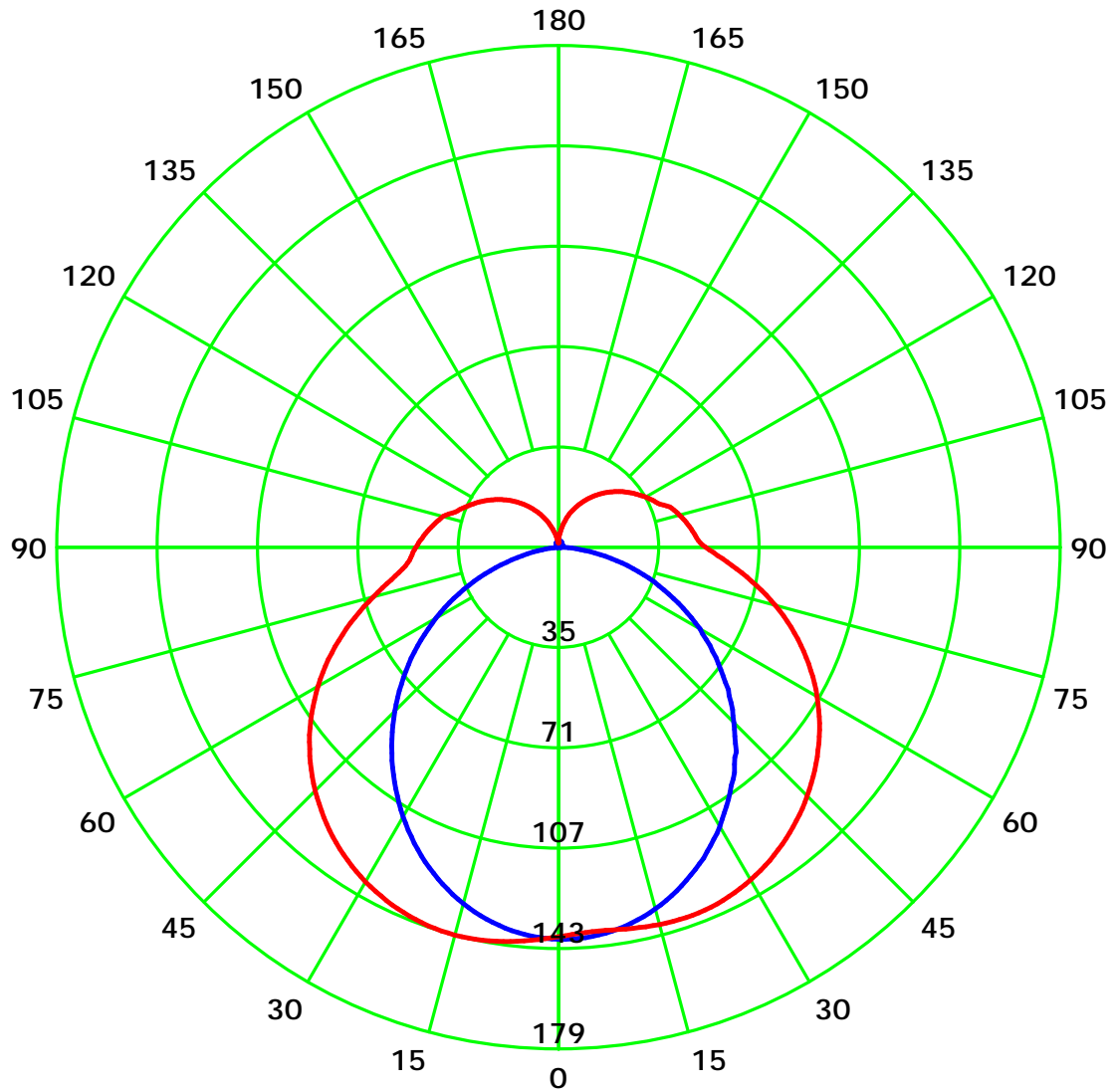
Luminous Intensity Distribution Curve



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

$\eta=64.71\%$

SLE30-I600 120-277W D1R/2835/3500K

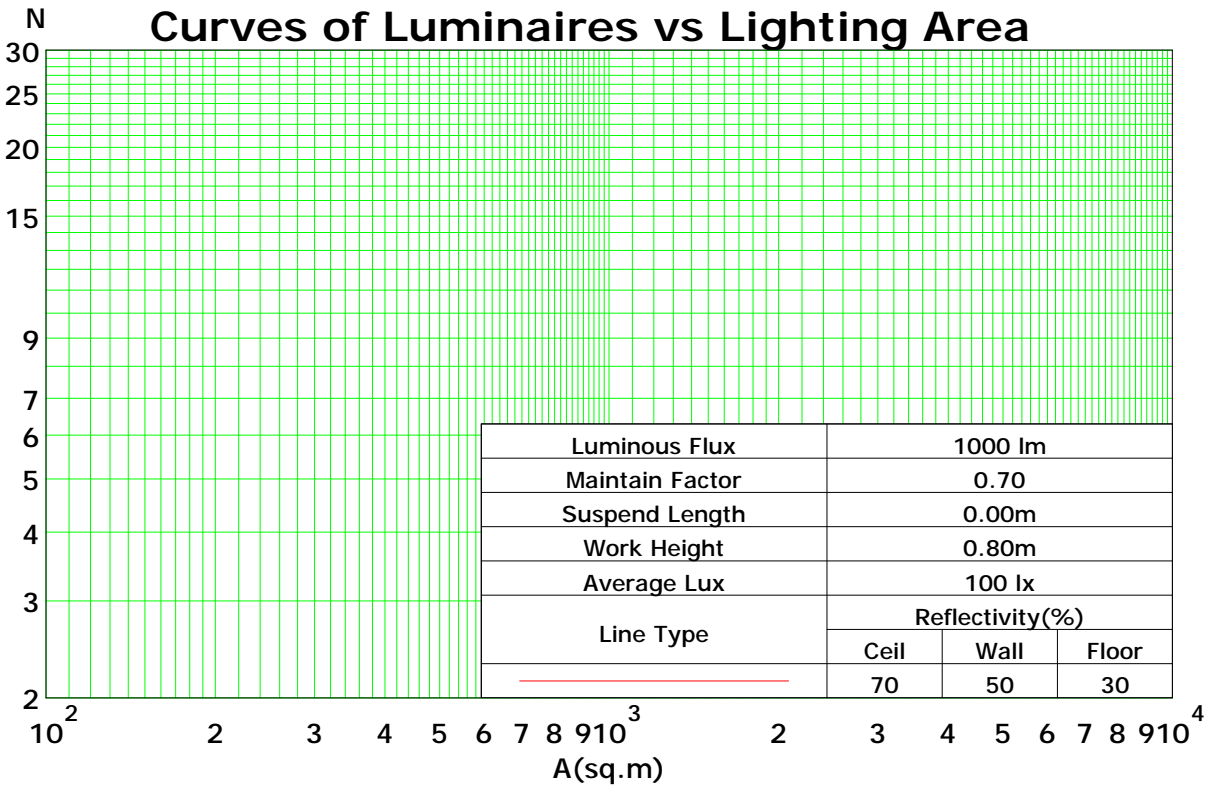
C Plane (°):0.0-360.0: 30.0
 Test Lab: 80
 Test Type: TYPE C
 Temperature: 23
 Operator: QIU

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	74	74	74	74	71	71	71	71	65	65	65	60	60	60	55	55	55	52
1	66	62	59	56	63	60	57	54	55	52	50	50	48	46	46	44	43	40
2	59	53	49	44	56	51	47	43	47	43	40	43	40	37	39	37	35	32
3	54	46	41	36	51	44	39	35	41	36	33	37	34	31	34	31	29	27
4	49	41	35	30	46	39	34	29	36	31	28	33	29	26	30	27	24	22
5	45	36	30	26	43	35	29	25	32	27	24	29	25	22	27	24	21	19
6	41	32	26	22	39	31	26	22	29	24	20	26	22	19	24	21	18	16
7	38	29	23	19	36	28	23	19	26	21	18	24	20	17	22	19	16	14
8	35	27	21	17	34	26	20	17	24	19	16	22	18	15	20	17	14	13
9	33	24	19	15	31	23	18	15	22	17	14	20	16	13	19	15	13	11
10	31	22	17	14	29	21	17	13	20	16	13	19	15	12	17	14	11	10

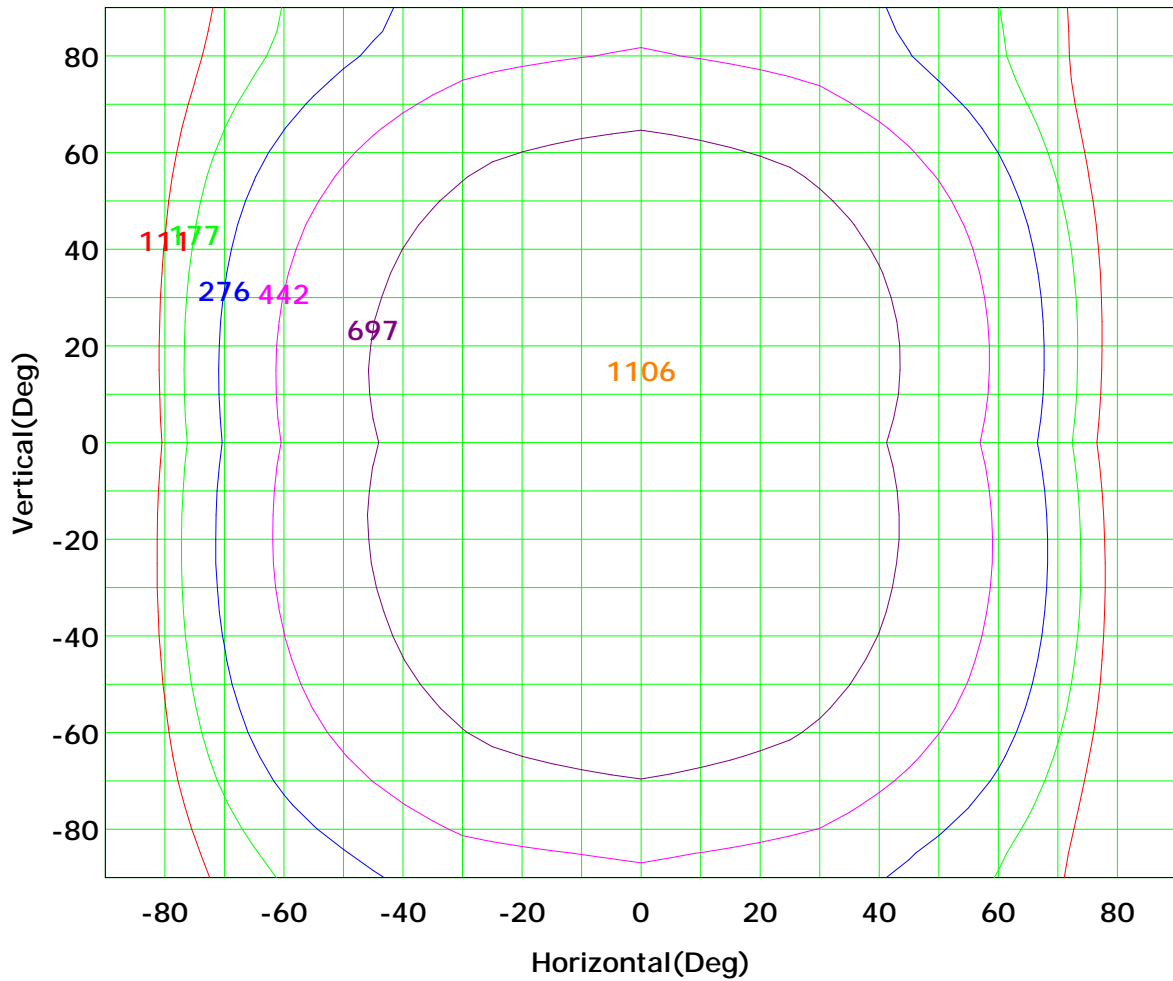
Spacing Criteria (0-180): 1.20
 Spacing Criteria (90-270): 1.47
 Spacing Criteria (Diagonal): 1.49



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)



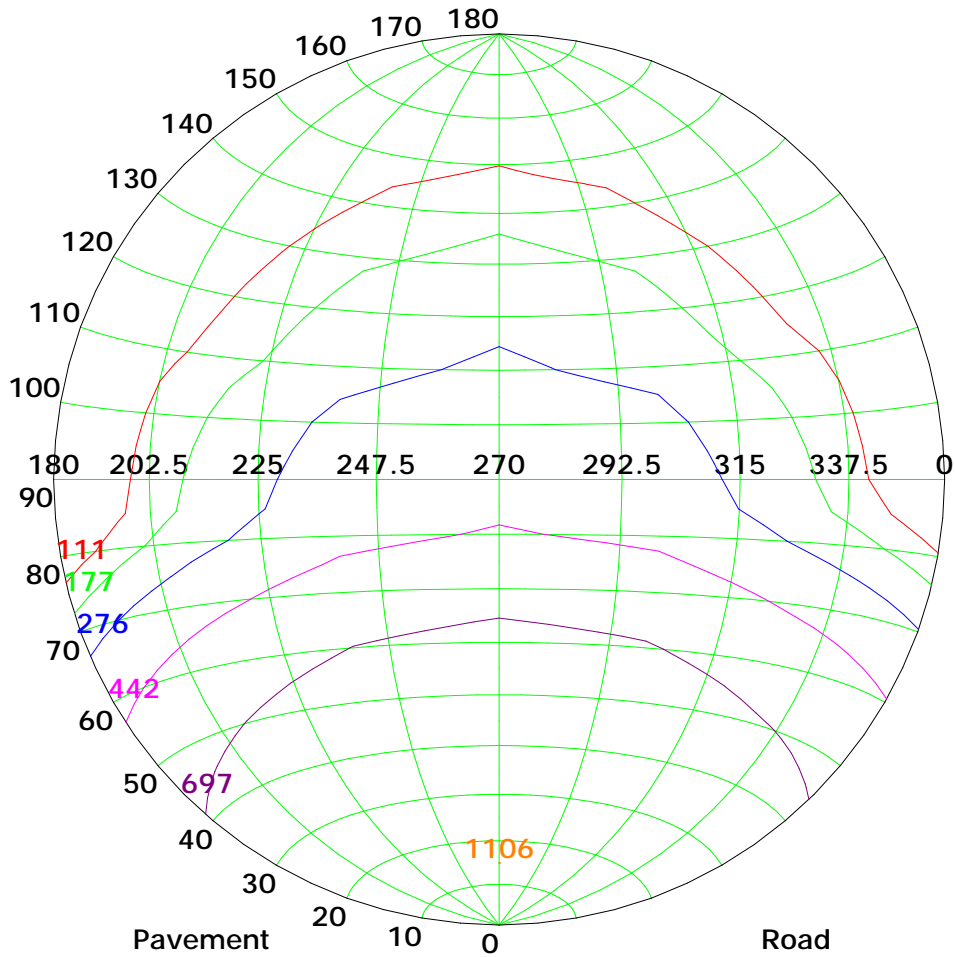
Imax (100%): 1106 cd

— (10%): 111 cd	— (16%): 177 cd
— (25%): 276 cd	— (40%): 442 cd
— (63%): 697 cd	— (100%): 1106 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)



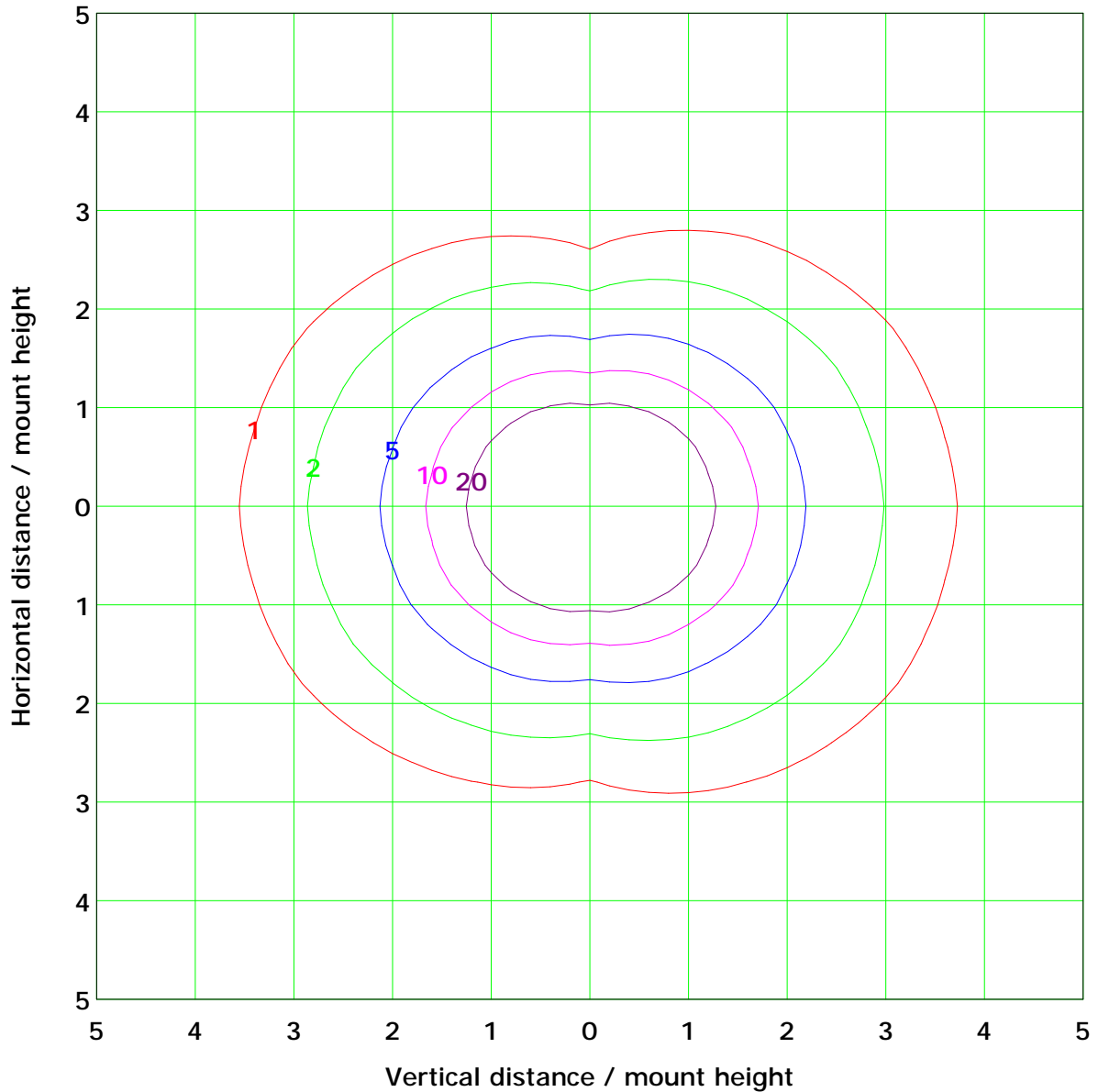
Imax (100%): 1106 cd

— (10%): 111 cd	— (16%): 177 cd
— (25%): 276 cd	— (40%): 442 cd
— (63%): 697 cd	— (100%): 1106 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



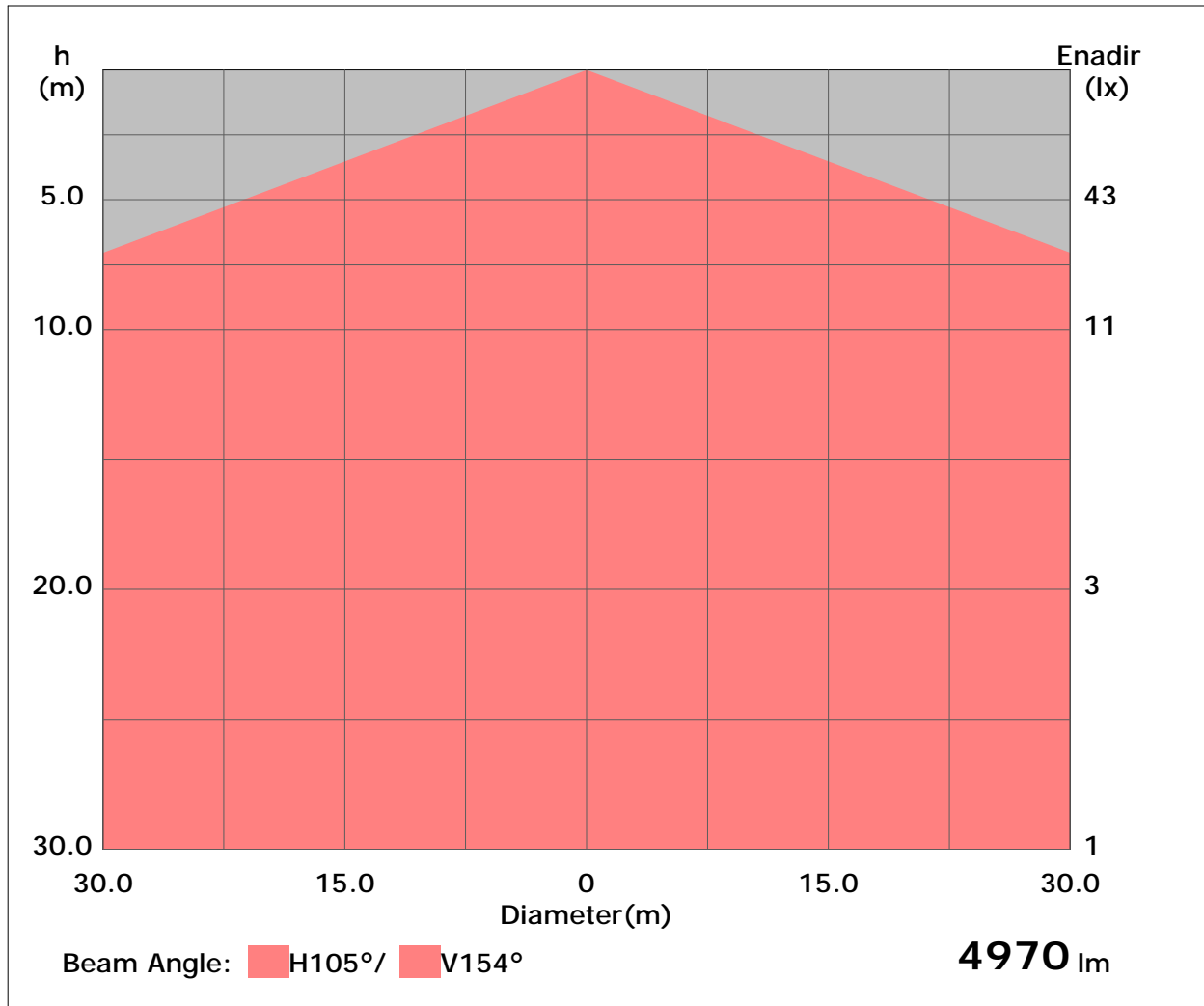
Mounting Height: 3.3m Max Lux(100%): 99.1 lx

— (1%): 1.0 lx	— (2%): 2.0 lx
— (5%): 5.0 lx	— (10%): 9.9 lx
— (20%): 19.8 lx	

C Plane (°):0.0-360.0: 30.0
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 Temperature: 23
 Operator: QIU

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

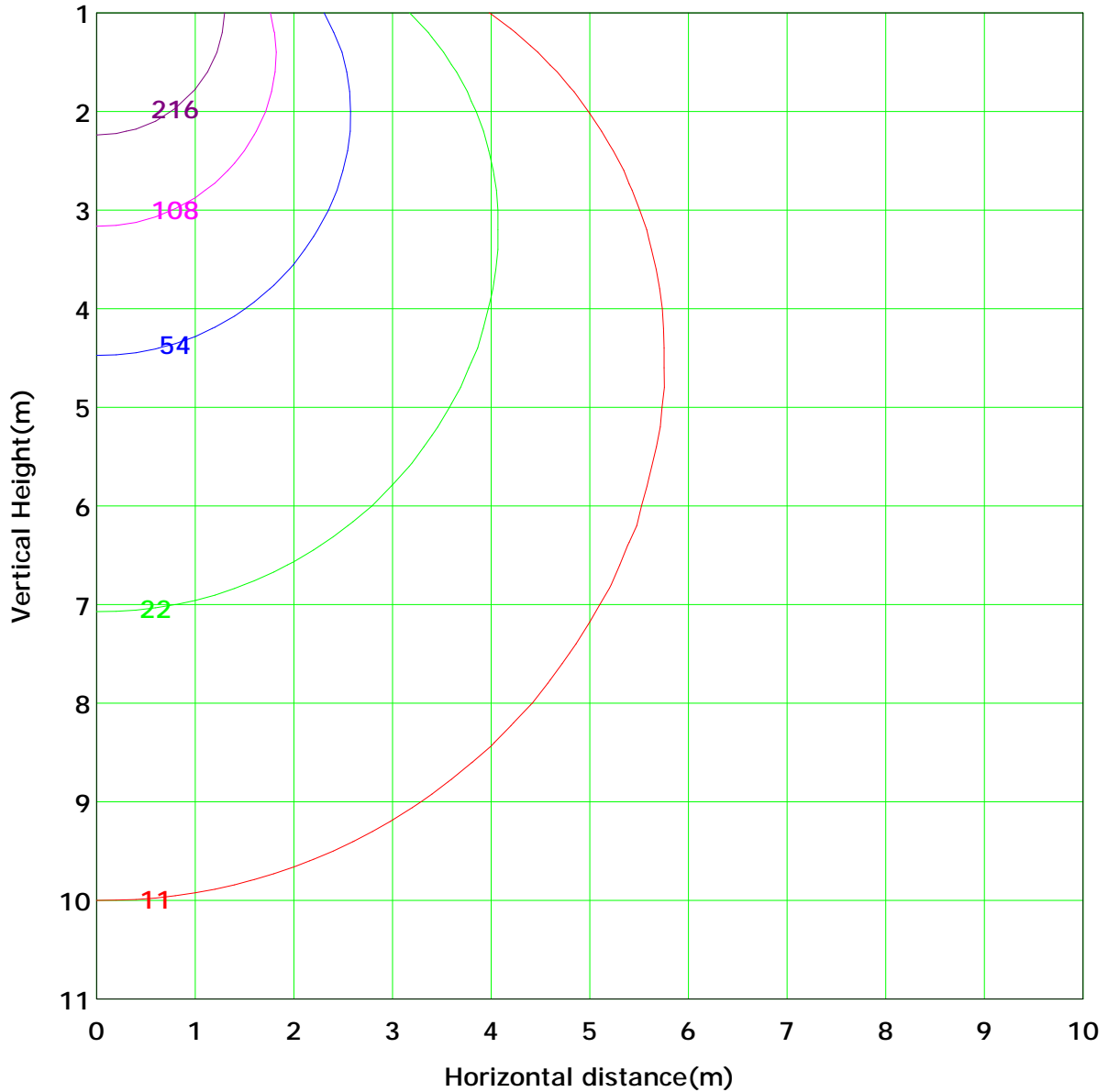
Illuminance at a Distance



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: 1079.7 lx
 (1%): 10.8 lx (2%): 21.6 lx
 (5%): 54.0 lx (10%): 108.0 lx
 (20%): 215.9 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

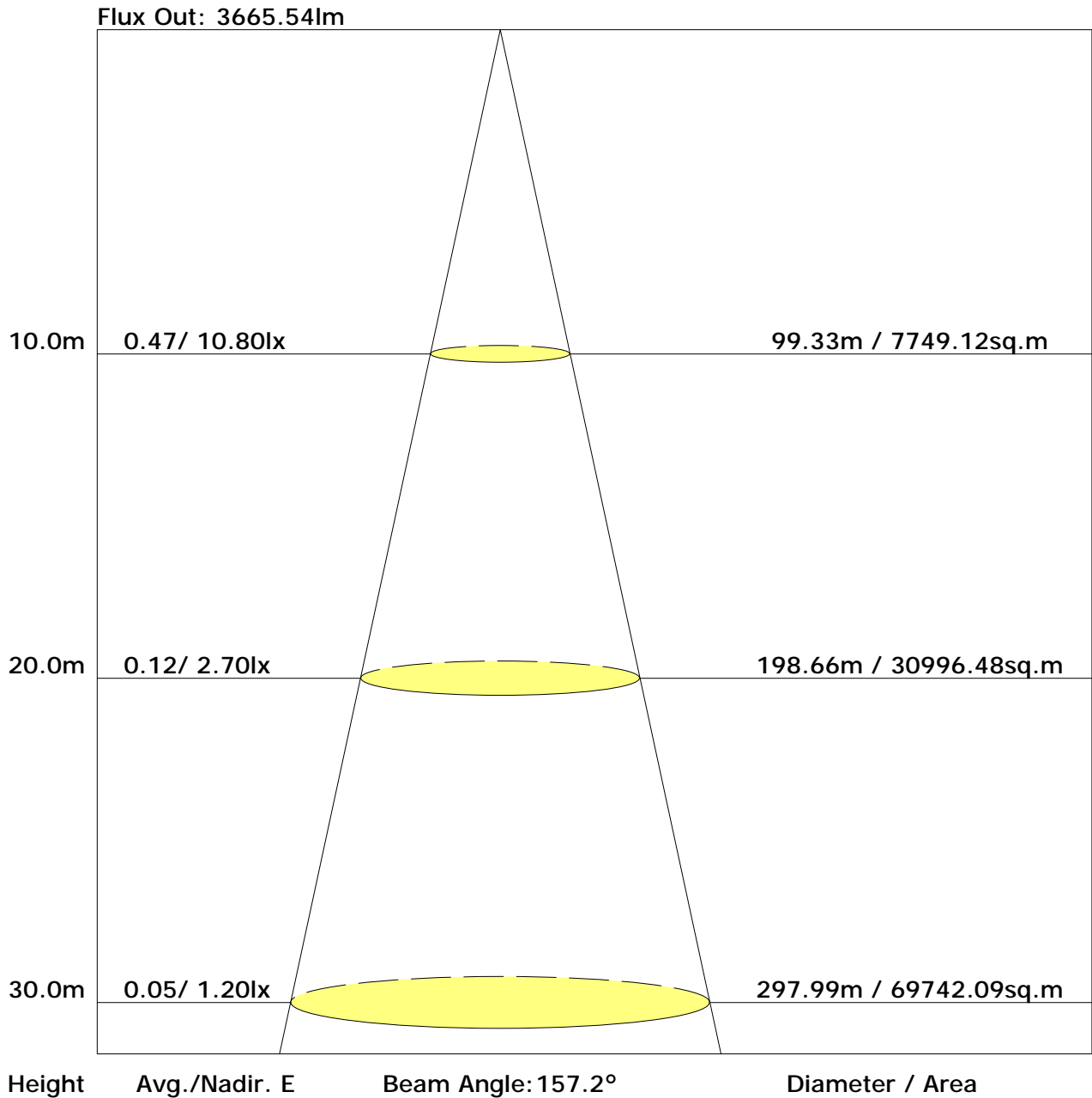
		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
Flux(E)	Flux(T)	0.1	0.7	2.0	3.7	5.7	8.0	10.0	11.3	12.3	12.4	11.4	10.1	8.2	5.8	3.7	2.0	0.8	0.1	108.5	107.2	
0.0	19.1	0.1	0.8	2.1	4.2	6.8	9.8	12.5	14.3	15.7	15.8	14.6	12.8	10.1	7.2	4.5	2.4	0.9	0.1	134.5	133.5	
	14.5	0.1	0.8	2.6	5.3	8.8	12.6	16.2	18.8	20.5	20.5	19.0	16.6	13.1	9.2	5.7	2.9	1.1	0.2	173.9	173.1	
	62.0	0.1	1.0	3.1	6.5	10.7	15.4	19.7	22.8	24.8	24.9	23.1	20.1	15.8	11.2	7.0	3.6	1.3	0.2	211.2	210.6	
	127.1	0.1	1.1	3.6	7.5	12.4	17.6	22.5	26.1	28.2	28.3	26.4	22.9	18.0	12.9	8.1	4.1	1.4	0.2	241.6	241.1	
	206.7	0.1	1.2	4.0	8.3	13.6	19.2	24.5	28.6	30.8	30.9	28.8	24.9	19.7	14.1	8.9	4.6	1.6	0.2	264.0	263.6	
	292.3	0.1	1.2	4.2	8.8	14.3	20.2	25.7	30.1	32.5	32.5	30.3	26.0	20.7	14.9	9.4	4.8	1.7	0.2	277.8	277.4	
	371.9	0.1	1.2	4.3	8.9	14.5	20.5	26.2	30.6	33.1	33.1	30.7	26.5	21.1	15.2	9.6	4.9	1.7	0.2	282.6	282.2	
	431.6	0.1	1.2	4.3	8.9	14.5	20.5	26.2	30.6	33.1	32.7	30.5	26.4	20.9	15.0	9.5	4.9	1.7	0.2	278.8	278.4	
	467.2	0.1	1.2	4.1	8.6	14.1	20.1	25.8	30.3	32.7	32.7	30.1	26.1	20.8	15.0	9.5	4.9	1.7	0.2	276.0	275.6	
	468.7	0.1	1.2	4.1	8.6	14.1	20.0	25.5	29.7	32.0	32.2	30.1	26.0	21.0	15.3	9.7	5.0	1.8	0.2	278.3	277.9	
	436.1	0.1	1.3	4.4	8.9	14.4	20.0	25.3	29.7	32.0	32.1	30.0	25.8	20.6	15.1	9.7	5.0	1.8	0.2	276.5	276.1	
	436.1	0.1	1.3	4.2	8.6	13.9	19.4	24.6	28.7	30.9	31.0	29.0	25.1	19.9	14.5	9.3	4.9	1.7	0.2	267.2	266.8	
	27.0	0.1	1.2	3.9	8.1	13.0	18.2	23.2	26.7	28.8	28.9	27.0	23.6	18.7	13.6	8.7	4.5	1.6	0.2	250.1	249.7	
	24.4	0.1	1.1	3.5	7.2	11.7	16.5	21.0	24.1	26.1	26.2	24.4	21.4	17.0	12.3	7.8	4.0	1.4	0.2	225.8	225.3	
	21.0	0.1	0.9	3.0	6.1	10.0	14.2	18.0	20.7	22.5	22.6	21.0	18.5	14.7	10.5	6.7	3.5	1.2	0.2	194.6	193.9	
	17.0	0.1	0.8	2.4	4.9	8.0	11.5	14.5	16.7	18.3	18.4	17.0	15.0	12.0	8.5	5.4	2.8	1.0	0.1	157.6	156.7	
	12.8	0.1	0.7	2.0	3.9	6.2	8.8	11.0	12.6	13.8	13.9	12.8	11.4	9.2	6.6	4.2	2.2	0.8	0.1	120.4	119.3	
	9.2	1.9	19.1	62.0	127.1	206.7	292.3	371.9	431.6	467.2	468.7	436.1	379.3	301.7	217.0	137.4	71.1	23.3	0.5		4019	4008

Horizontal plane

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
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Gamma Plane (°):0.0-180.0:1.0
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UGR Table

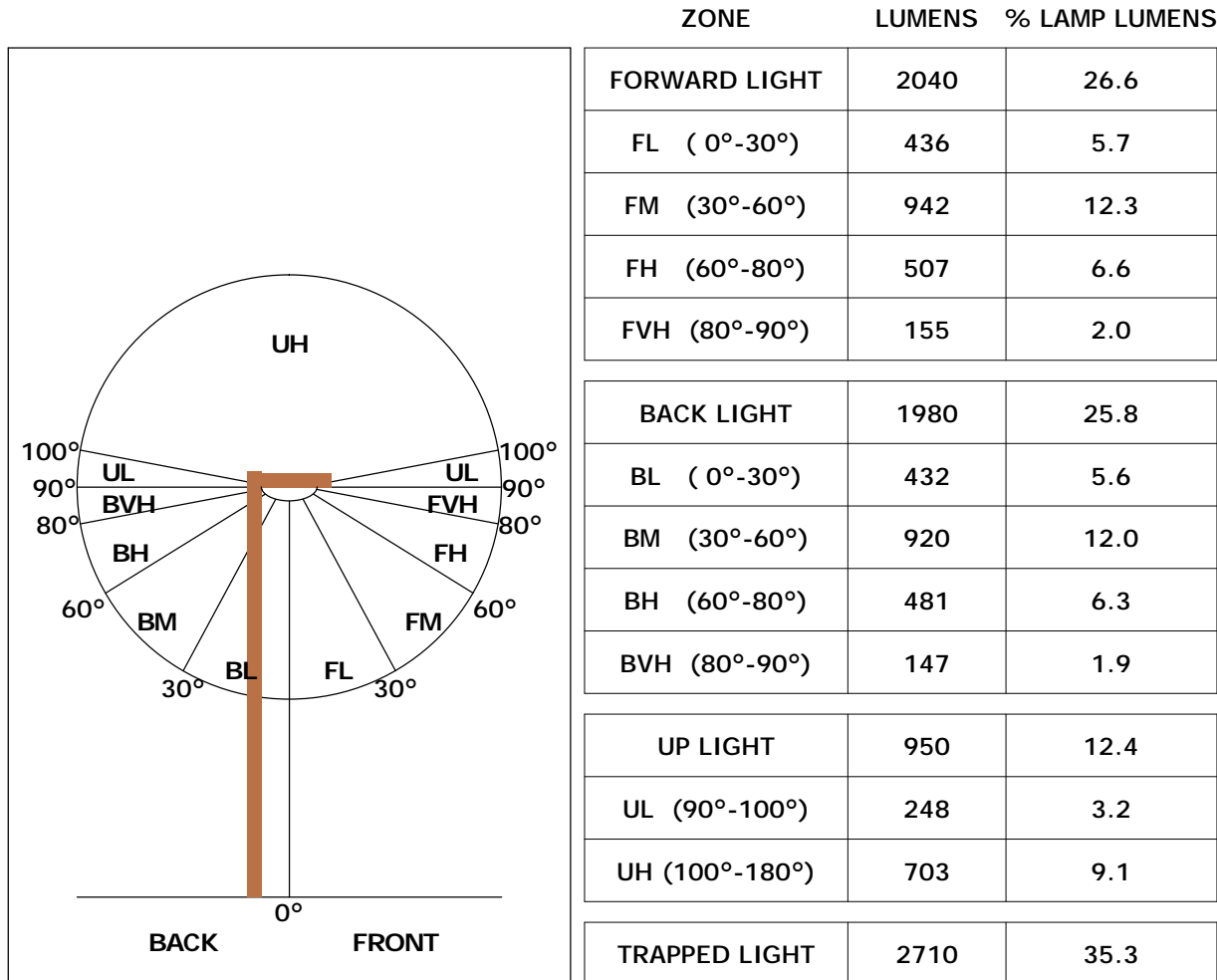
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	11.0	12.3	11.6	13.0	13.7	11.7	13.1	12.4	13.7	14.5
3H	12.8	14.0	13.4	14.6	15.4	13.9	15.2	14.6	15.8	16.6
4H	13.4	14.6	14.1	15.2	16.0	14.9	16.1	15.6	16.7	17.5
6H	13.8	14.9	14.5	15.6	16.4	15.8	16.9	16.5	17.5	18.4
8H	14.0	15.0	14.7	15.7	16.5	16.2	17.2	16.9	17.9	18.7
12H	14.0	15.0	14.7	15.7	16.6	16.6	17.5	17.2	18.2	19.1
X=4H Y=2H	11.7	12.8	12.3	13.5	14.3	12.3	13.4	12.9	14.1	14.9
3H	13.7	14.7	14.3	15.4	16.2	14.8	15.7	15.4	16.5	17.3
4H	14.5	15.4	15.1	16.1	16.9	15.9	16.8	16.6	17.5	18.3
6H	15.0	15.9	15.8	16.6	17.4	16.9	17.8	17.7	18.5	19.3
8H	15.2	16.0	15.9	16.7	17.6	17.4	18.2	18.1	18.9	19.8
12H	15.4	16.0	16.1	16.8	17.7	17.9	18.6	18.6	19.3	20.2
X=8H Y=4H	14.9	15.7	15.6	16.4	17.3	16.2	17.0	16.9	17.7	18.5
6H	15.7	16.3	16.4	17.1	18.0	17.4	18.1	18.2	18.9	19.7
8H	16.0	16.6	16.7	17.3	18.2	18.1	18.7	18.8	19.4	20.3
12H	16.2	16.7	17.0	17.5	18.4	18.7	19.2	19.4	20.0	20.9
X=12H Y=4H	15.0	15.7	15.7	16.5	17.3	16.2	16.9	17.0	17.7	18.5
6H	15.9	16.4	16.6	17.2	18.1	17.5	18.1	18.3	18.9	19.8
8H	16.2	16.8	17.0	17.5	18.5	18.2	18.7	19.0	19.5	20.4

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 U5 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U5 G1

C Plane (°):0.0-360.0: 30.0
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 Operator: QIU

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 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	0.32	0.37	0.42	0.45	0.50	0.53	0.55	0.58	0.61	
	0.30		0.27	0.32	0.37	0.40	0.45	0.49	0.52	0.55	0.58	
	0.20		0.23	0.28	0.33	0.37	0.42	0.46	0.48	0.52	0.55	
0.50	0.50	0.20	0.30	0.35	0.39	0.42	0.46	0.49	0.51	0.54	0.56	
	0.30		0.26	0.30	0.35	0.38	0.42	0.45	0.48	0.51	0.53	
	0.20		0.22	0.27	0.31	0.34	0.39	0.43	0.45	0.49	0.51	
0.30	0.50	0.20	0.28	0.32	0.36	0.38	0.42	0.45	0.47	0.49	0.51	
	0.30		0.24	0.28	0.32	0.35	0.39	0.42	0.44	0.47	0.49	
	0.20		0.21	0.25	0.29	0.32	0.37	0.40	0.42	0.45	0.48	
0.00	0.00	0.00	0.19	0.22	0.26	0.29	0.32	0.35	0.37	0.40	0.42	
<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 = 1.50									
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	0.64	0.56	0.48	0.42	0.35	0.29	0.26	0.20	0.17	
	0.30		0.54	0.48	0.42	0.38	0.31	0.27	0.24	0.19	0.16	
	0.20		0.46	0.42	0.37	0.34	0.29	0.25	0.22	0.18	0.15	
0.50	0.50	0.20	0.60	0.51	0.44	0.39	0.32	0.29	0.24	0.19	0.16	
	0.30		0.50	0.45	0.39	0.35	0.29	0.25	0.22	0.18	0.15	
	0.20		0.44	0.39	0.35	0.32	0.27	0.23	0.21	0.17	0.14	
0.30	0.50	0.20	0.55	0.47	0.41	0.36	0.30	0.25	0.22	0.17	0.15	
	0.30		0.47	0.42	0.37	0.33	0.27	0.23	0.21	0.17	0.14	
	0.20		0.41	0.37	0.33	0.30	0.25	0.22	0.19	0.16	0.13	
0.00	0.00	0.00	0.33	0.30	0.26	0.24	0.20	0.17	0.15	0.13	0.11	
<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 = 1.50								
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	0.23	0.24	0.24	0.24	0.25	0.25	0.26	0.26	0.26
	0.30		0.18	0.19	0.20	0.21	0.22	0.22	0.23	0.24	0.24
	0.20		0.15	0.16	0.17	0.17	0.19	0.20	0.20	0.21	0.22
0.50	0.50	0.20	0.22	0.23	0.23	0.24	0.24	0.24	0.25	0.25	0.25
	0.30		0.18	0.19	0.19	0.20	0.21	0.22	0.22	0.23	0.23
	0.20		0.15	0.16	0.17	0.17	0.18	0.19	0.20	0.21	0.21
0.30	0.50	0.20	0.21	0.22	0.22	0.23	0.23	0.23	0.24	0.24	0.24
	0.30		0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.22
	0.20		0.15	0.16	0.16	0.17	0.18	0.19	0.19	0.20	0.21
0.00	0.00	0.00	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	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>											

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1074.1	1.0	1.0	0.01	0.01
1.0-2.0	1073.9	3.1	4.1	0.04	0.05
2.0-3.0	1073.6	5.1	9.2	0.07	0.12
3.0-4.0	1073.1	7.2	16.4	0.09	0.21
4.0-5.0	1072.5	9.2	25.7	0.12	0.33
5.0-6.0	1071.8	11.3	36.9	0.15	0.48
6.0-7.0	1071.1	13.3	50.2	0.17	0.65
7.0-8.0	1070.2	15.3	65.5	0.20	0.85
8.0-9.0	1069.1	17.3	82.9	0.23	1.08
9.0-10.0	1067.9	19.3	102.2	0.25	1.33
10.0-11.0	1066.4	21.3	123.5	0.28	1.61
11.0-12.0	1064.8	23.3	146.8	0.30	1.91
12.0-13.0	1062.8	25.2	172.0	0.33	2.24
13.0-14.0	1060.6	27.2	199.2	0.35	2.59
14.0-15.0	1058.1	29.1	228.2	0.38	2.97
15.0-16.0	1055.3	30.9	259.1	0.40	3.37
16.0-17.0	1052.1	32.8	291.9	0.43	3.80
17.0-18.0	1048.7	34.6	326.5	0.45	4.25
18.0-19.0	1044.9	36.4	362.8	0.47	4.72
19.0-20.0	1040.7	38.1	400.9	0.50	5.22
20.0-21.0	1036.2	39.8	440.7	0.52	5.74
21.0-22.0	1031.3	41.4	482.2	0.54	6.28
22.0-23.0	1026.2	43.1	525.2	0.56	6.84
23.0-24.0	1020.7	44.6	569.9	0.58	7.42
24.0-25.0	1014.9	46.2	616.0	0.60	8.02
25.0-26.0	1008.7	47.6	663.7	0.62	8.64
26.0-27.0	1002.3	49.0	712.7	0.64	9.28
27.0-28.0	995.6	50.4	763.1	0.66	9.94
28.0-29.0	988.4	51.7	814.8	0.67	10.61
29.0-30.0	980.9	53.0	867.8	0.69	11.30
30.0-31.0	973.2	54.2	922.0	0.71	12.00
31.0-32.0	965.3	55.3	977.3	0.72	12.72
32.0-33.0	957.1	56.4	1033.7	0.73	13.46
33.0-34.0	948.5	57.4	1091.1	0.75	14.21
34.0-35.0	939.7	58.4	1149.4	0.76	14.97
35.0-36.0	930.5	59.3	1208.7	0.77	15.74

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	921.3	60.1	1268.8	0.78	16.52
37.0-38.0	911.9	60.9	1329.7	0.79	17.31
38.0-39.0	902.0	61.6	1391.2	0.80	18.12
39.0-40.0	891.9	62.2	1453.5	0.81	18.93
40.0-41.0	882.0	62.8	1516.3	0.82	19.74
41.0-42.0	871.3	63.3	1579.6	0.82	20.57
42.0-43.0	860.2	63.7	1643.3	0.83	21.40
43.0-44.0	849.5	64.1	1707.4	0.83	22.23
44.0-45.0	838.2	64.4	1771.9	0.84	23.07
45.0-46.0	826.5	64.6	1836.5	0.84	23.91
46.0-47.0	815.0	64.8	1901.3	0.84	24.76
47.0-48.0	803.2	64.9	1966.3	0.85	25.60
48.0-49.0	791.0	65.0	2031.3	0.85	26.45
49.0-50.0	778.9	65.0	2096.2	0.85	27.29
50.0-51.0	766.4	64.9	2161.1	0.84	28.14
51.0-52.0	753.6	64.7	2225.7	0.84	28.98
52.0-53.0	740.8	64.4	2290.2	0.84	29.82
53.0-54.0	727.7	64.2	2354.3	0.84	30.66
54.0-55.0	714.5	63.8	2418.1	0.83	31.49
55.0-56.0	701.0	63.4	2481.5	0.82	32.31
56.0-57.0	687.3	62.8	2544.3	0.82	33.13
57.0-58.0	673.4	62.3	2606.6	0.81	33.94
58.0-59.0	659.2	61.6	2668.2	0.80	34.74
59.0-60.0	645.1	60.9	2729.2	0.79	35.54
60.0-61.0	630.7	60.2	2789.4	0.78	36.32
61.0-62.0	616.0	59.4	2848.7	0.77	37.09
62.0-63.0	601.2	58.5	2907.2	0.76	37.85
63.0-64.0	586.3	57.5	2964.8	0.75	38.60
64.0-65.0	571.2	56.5	3021.3	0.74	39.34
65.0-66.0	555.8	55.5	3076.8	0.72	40.06
66.0-67.0	540.4	54.3	3131.1	0.71	40.77
67.0-68.0	524.8	53.2	3184.3	0.69	41.46
68.0-69.0	509.2	52.0	3236.2	0.68	42.14
69.0-70.0	493.5	50.7	3286.9	0.66	42.80
70.0-71.0	477.7	49.4	3336.3	0.64	43.44
71.0-72.0	461.8	48.0	3384.3	0.63	44.07

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	445.9	46.6	3431.0	0.61	44.67
73.0-74.0	430.1	45.2	3476.2	0.59	45.26
74.0-75.0	414.3	43.8	3520.0	0.57	45.83
75.0-76.0	398.7	42.3	3562.3	0.55	46.38
76.0-77.0	383.2	40.9	3603.1	0.53	46.92
77.0-78.0	368.0	39.4	3642.5	0.51	47.43
78.0-79.0	353.1	37.9	3680.5	0.49	47.92
79.0-80.0	338.7	36.5	3717.0	0.48	48.40
80.0-81.0	324.9	35.1	3752.2	0.46	48.86
81.0-82.0	311.7	33.8	3786.0	0.44	49.30
82.0-83.0	299.2	32.5	3818.5	0.42	49.72
83.0-84.0	287.8	31.4	3849.8	0.41	50.13
84.0-85.0	277.5	30.3	3880.1	0.39	50.52
85.0-86.0	268.6	29.4	3909.5	0.38	50.90
86.0-87.0	260.8	28.5	3938.0	0.37	51.28
87.0-88.0	253.9	27.8	3965.9	0.36	51.64
88.0-89.0	248.0	27.2	3993.0	0.35	51.99
89.0-90.0	242.7	26.6	4019.7	0.35	52.34
90.0-91.0	238.3	26.1	4045.8	0.34	52.68
91.0-92.0	234.7	25.7	4071.5	0.34	53.01
92.0-93.0	231.9	25.4	4096.9	0.33	53.35
93.0-94.0	229.6	25.1	4122.1	0.33	53.67
94.0-95.0	227.6	24.9	4146.9	0.32	54.00
95.0-96.0	225.5	24.6	4171.6	0.32	54.32
96.0-97.0	223.5	24.4	4195.9	0.32	54.63
97.0-98.0	221.4	24.1	4220.0	0.31	54.95
98.0-99.0	219.3	23.8	4243.8	0.31	55.26
99.0-100.0	217.1	23.5	4267.2	0.31	55.56
100.0-101.0	214.9	23.2	4290.4	0.30	55.86
101.0-102.0	212.6	22.8	4313.3	0.30	56.16
102.0-103.0	210.3	22.5	4335.8	0.29	56.46
103.0-104.0	207.7	22.1	4357.9	0.29	56.74
104.0-105.0	204.7	21.7	4379.7	0.28	57.03
105.0-106.0	201.2	21.3	4400.9	0.28	57.30
106.0-107.0	197.5	20.8	4421.7	0.27	57.57
107.0-108.0	193.9	20.3	4442.0	0.26	57.84

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	190.1	19.8	4461.7	0.26	58.10
109.0-110.0	186.1	19.2	4481.0	0.25	58.35
110.0-111.0	182.2	18.7	4499.7	0.24	58.59
111.0-112.0	178.4	18.2	4517.9	0.24	58.83
112.0-113.0	175.0	17.7	4535.6	0.23	59.06
113.0-114.0	172.1	17.3	4552.9	0.23	59.28
114.0-115.0	169.4	16.9	4569.8	0.22	59.50
115.0-116.0	166.8	16.5	4586.3	0.22	59.72
116.0-117.0	164.4	16.1	4602.5	0.21	59.93
117.0-118.0	162.0	15.8	4618.2	0.21	60.13
118.0-119.0	159.6	15.4	4633.6	0.20	60.33
119.0-120.0	157.2	15.0	4648.6	0.20	60.53
120.0-121.0	154.9	14.6	4663.3	0.19	60.72
121.0-122.0	152.5	14.3	4677.5	0.19	60.91
122.0-123.0	150.1	13.9	4691.4	0.18	61.09
123.0-124.0	147.7	13.5	4704.9	0.18	61.26
124.0-125.0	145.2	13.1	4718.0	0.17	61.43
125.0-126.0	142.8	12.7	4730.8	0.17	61.60
126.0-127.0	140.3	12.4	4743.1	0.16	61.76
127.0-128.0	137.8	12.0	4755.1	0.16	61.92
128.0-129.0	135.3	11.6	4766.7	0.15	62.07
129.0-130.0	132.7	11.2	4778.0	0.15	62.21
130.0-131.0	130.1	10.9	4788.8	0.14	62.35
131.0-132.0	127.5	10.5	4799.3	0.14	62.49
132.0-133.0	124.8	10.1	4809.4	0.13	62.62
133.0-134.0	122.1	9.7	4819.1	0.13	62.75
134.0-135.0	119.3	9.3	4828.4	0.12	62.87
135.0-136.0	116.6	9.0	4837.4	0.12	62.99
136.0-137.0	113.8	8.6	4846.0	0.11	63.10
137.0-138.0	110.9	8.2	4854.2	0.11	63.21
138.0-139.0	108.1	7.9	4862.0	0.10	63.31
139.0-140.0	105.2	7.5	4869.5	0.10	63.41
140.0-141.0	102.4	7.1	4876.7	0.09	63.50
141.0-142.0	99.7	6.8	4883.5	0.09	63.59
142.0-143.0	97.0	6.5	4890.0	0.08	63.67
143.0-144.0	94.3	6.2	4896.1	0.08	63.75

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	91.7	5.8	4902.0	0.08	63.83
145.0-146.0	89.1	5.5	4907.5	0.07	63.90
146.0-147.0	86.5	5.2	4912.7	0.07	63.97
147.0-148.0	83.8	4.9	4917.7	0.06	64.03
148.0-149.0	81.1	4.6	4922.3	0.06	64.09
149.0-150.0	78.4	4.4	4926.7	0.06	64.15
150.0-151.0	75.7	4.1	4930.8	0.05	64.20
151.0-152.0	73.0	3.8	4934.6	0.05	64.25
152.0-153.0	70.1	3.6	4938.1	0.05	64.30
153.0-154.0	67.2	3.3	4941.4	0.04	64.34
154.0-155.0	64.4	3.0	4944.5	0.04	64.38
155.0-156.0	61.6	2.8	4947.3	0.04	64.42
156.0-157.0	58.9	2.6	4949.8	0.03	64.45
157.0-158.0	56.3	2.4	4952.2	0.03	64.48
158.0-159.0	53.7	2.2	4954.4	0.03	64.51
159.0-160.0	51.2	2.0	4956.3	0.03	64.54
160.0-161.0	48.7	1.8	4958.1	0.02	64.56
161.0-162.0	46.3	1.6	4959.7	0.02	64.58
162.0-163.0	43.9	1.4	4961.2	0.02	64.60
163.0-164.0	41.6	1.3	4962.5	0.02	64.62
164.0-165.0	39.4	1.2	4963.6	0.02	64.63
165.0-166.0	37.2	1.0	4964.6	0.01	64.64
166.0-167.0	35.0	0.9	4965.5	0.01	64.66
167.0-168.0	32.9	0.8	4966.3	0.01	64.67
168.0-169.0	30.9	0.7	4967.0	0.01	64.67
169.0-170.0	28.9	0.6	4967.6	0.01	64.68
170.0-171.0	27.1	0.5	4968.1	0.01	64.69
171.0-172.0	25.4	0.4	4968.5	0.01	64.69
172.0-173.0	23.8	0.3	4968.8	0.00	64.70
173.0-174.0	22.4	0.3	4969.1	0.00	64.70
174.0-175.0	21.2	0.2	4969.3	0.00	64.70
175.0-176.0	20.3	0.2	4969.5	0.00	64.71
176.0-177.0	19.5	0.1	4969.6	0.00	64.71
177.0-178.0	18.9	0.1	4969.7	0.00	64.71
178.0-179.0	18.6	0.1	4969.8	0.00	64.71
179.0-180.0	18.4	0.0	4969.8	0.00	64.71

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	1079.7	1076.8	1074.5	1073.2	1071.6	1068.9	1079.7	1076.8	1074.5	1073.2
G1.0	1079.9	1075.5	1072.1	1070.3	1068.8	1067.2	1079.1	1077.7	1077.0	1076.0
G2.0	1079.6	1073.8	1069.9	1067.6	1066.4	1065.1	1077.8	1078.4	1079.3	1079.1
G3.0	1079.0	1071.9	1067.7	1065.3	1063.9	1062.5	1076.0	1078.6	1081.6	1082.3
G4.0	1077.7	1069.8	1065.5	1063.6	1061.7	1059.7	1073.6	1078.4	1083.7	1085.3
G5.0	1075.9	1067.2	1063.7	1062.8	1059.8	1056.5	1071.1	1078.0	1085.8	1088.4
G6.0	1073.6	1064.1	1062.4	1062.9	1058.7	1053.4	1067.6	1077.0	1087.7	1091.4
G7.0	1070.9	1061.0	1062.0	1063.5	1058.0	1049.8	1063.9	1075.9	1089.2	1094.3
G8.0	1067.5	1057.8	1061.5	1064.3	1057.5	1046.2	1059.6	1074.4	1090.4	1096.7
G9.0	1063.7	1054.2	1061.4	1065.9	1057.4	1042.3	1054.6	1072.4	1091.3	1098.9
G10.0	1059.5	1050.5	1061.3	1067.6	1057.3	1038.7	1049.6	1069.9	1091.8	1100.8
G11.0	1054.6	1046.9	1061.5	1069.2	1057.1	1034.6	1043.9	1067.3	1092.1	1102.3
G12.0	1049.7	1043.1	1061.9	1071.0	1057.2	1030.7	1037.6	1064.0	1091.9	1103.9
G13.0	1043.9	1039.1	1062.2	1072.8	1057.2	1026.1	1031.1	1060.5	1091.6	1104.5
G14.0	1037.8	1034.8	1062.2	1074.4	1057.1	1021.5	1023.6	1056.3	1091.0	1105.3
G15.0	1031.0	1030.1	1062.1	1075.9	1056.8	1016.7	1016.2	1051.9	1089.8	1105.7
G16.0	1024.4	1025.6	1062.1	1077.0	1056.2	1011.7	1008.3	1047.4	1088.4	1105.4
G17.0	1016.9	1020.8	1061.6	1078.1	1055.6	1006.5	999.7	1042.1	1086.4	1104.9
G18.0	1009.2	1015.8	1061.0	1078.6	1054.6	1001.1	991.0	1036.5	1084.3	1104.1
G19.0	1000.9	1010.4	1060.0	1079.0	1053.2	995.4	981.8	1030.5	1081.6	1102.6
G20.0	992.1	1004.8	1058.5	1078.9	1051.6	989.5	972.4	1024.4	1078.5	1100.8
G21.0	983.2	999.1	1056.9	1078.6	1049.5	983.4	962.2	1017.9	1075.2	1098.7
G22.0	973.9	993.2	1055.1	1077.7	1047.4	976.7	951.8	1010.7	1071.4	1096.3
G23.0	964.3	987.0	1052.8	1076.7	1044.9	970.2	941.3	1003.5	1067.2	1093.3
G24.0	954.4	980.6	1050.4	1075.0	1041.9	963.1	930.3	995.8	1062.7	1090.0
G25.0	945.7	973.9	1047.2	1073.2	1038.7	956.1	918.8	987.5	1058.0	1086.5
G26.0	933.3	966.5	1044.1	1071.0	1034.9	948.7	907.1	979.3	1052.8	1082.8
G27.0	922.2	959.6	1040.4	1068.3	1031.2	941.0	894.6	970.7	1047.2	1078.2
G28.0	910.5	952.1	1036.6	1065.3	1026.8	933.4	882.8	962.0	1041.2	1073.8
G29.0	901.2	944.2	1032.0	1061.9	1022.3	925.0	869.8	952.7	1035.1	1069.0
G30.0	888.1	936.3	1027.4	1058.3	1017.2	916.4	857.4	943.2	1028.7	1064.0
G31.0	875.0	928.3	1022.4	1054.3	1012.0	907.9	844.0	933.2	1021.5	1058.5
G32.0	862.3	919.6	1017.3	1050.0	1006.5	899.0	830.9	923.3	1014.8	1052.9
G33.0	850.0	911.0	1011.6	1045.5	1000.6	890.0	816.6	912.9	1007.3	1046.8
G34.0	837.4	902.9	1005.8	1040.7	994.6	880.3	803.1	902.5	999.8	1040.4
G35.0	824.4	893.0	999.7	1035.4	988.2	871.2	789.0	891.3	991.6	1033.7
G36.0	810.6	883.3	993.2	1029.9	981.2	861.2	774.8	880.3	983.3	1026.6

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	799.3	873.9	986.4	1024.1	974.4	851.5	760.2	869.0	975.0	1018.9
G38.0	788.0	864.1	979.3	1018.2	967.2	841.1	745.8	857.8	966.0	1011.3
G39.0	769.8	854.3	972.3	1011.8	959.8	831.0	730.5	845.7	956.9	1003.1
G40.0	755.5	843.9	964.8	1005.4	952.2	820.3	716.0	833.7	947.5	994.7
G41.0	746.9	833.5	957.0	998.4	944.1	809.5	700.5	821.2	937.3	986.0
G42.0	728.3	822.9	948.7	991.6	935.8	798.5	685.5	808.9	927.5	977.0
G43.0	712.5	812.1	940.6	984.5	927.5	787.4	669.9	796.3	917.1	967.4
G44.0	697.9	801.1	932.4	976.6	919.0	776.0	654.4	783.0	906.8	958.3
G45.0	683.0	790.0	923.5	968.8	909.9	764.6	638.3	769.8	895.2	948.3
G46.0	667.5	778.5	914.6	961.0	900.7	752.4	623.0	757.0	884.5	938.3
G47.0	656.2	767.4	905.9	952.7	891.5	740.8	606.3	743.3	873.1	927.6
G48.0	639.0	755.8	896.0	944.3	881.7	728.9	590.9	729.5	861.3	917.1
G49.0	622.3	743.4	886.4	935.3	872.2	716.6	574.4	715.5	849.4	906.1
G50.0	611.5	731.6	876.7	926.3	861.7	704.2	558.4	701.8	837.1	894.8
G51.0	591.2	719.3	866.7	917.1	851.3	691.9	541.6	687.1	824.5	882.9
G52.0	575.4	707.3	856.3	907.5	840.9	678.9	525.5	672.6	812.0	871.3
G53.0	560.2	694.8	845.8	898.0	830.5	666.5	508.8	658.2	799.0	859.4
G54.0	544.5	681.1	835.2	887.9	819.5	653.3	492.0	643.3	786.0	846.6
G55.0	530.3	668.8	824.1	877.8	808.1	640.0	475.5	628.4	771.8	833.8
G56.0	512.2	656.3	812.4	867.1	796.3	626.9	458.1	613.1	758.7	820.6
G57.0	497.5	642.6	801.7	856.2	785.5	613.3	441.5	597.1	744.2	807.5
G58.0	480.1	628.7	789.5	845.1	773.4	599.6	424.1	581.9	730.3	793.7
G59.0	463.7	615.4	777.6	834.0	761.3	586.0	407.5	565.4	715.5	779.5
G60.0	450.2	601.3	765.5	822.3	748.9	571.8	390.2	550.1	700.4	765.5
G61.0	430.8	588.1	753.4	810.9	736.2	558.2	372.7	534.0	685.8	751.0
G62.0	414.5	574.0	740.9	798.2	723.5	543.9	356.1	517.2	670.4	736.0
G63.0	397.7	561.0	728.0	786.1	710.8	529.6	338.3	501.2	655.2	721.3
G64.0	382.7	545.7	714.8	772.9	697.5	515.0	321.2	485.1	639.5	706.0
G65.0	364.6	532.1	701.8	760.5	684.0	500.5	303.8	468.5	623.5	690.3
G66.0	347.7	517.3	687.7	746.9	670.2	486.0	286.8	451.8	607.6	674.5
G67.0	330.8	502.5	674.7	734.0	656.3	470.4	268.7	435.1	591.5	658.5
G68.0	314.0	487.8	660.9	719.8	642.2	456.2	251.8	418.5	575.0	642.2
G69.0	297.0	472.6	647.0	706.2	627.8	441.0	234.1	401.9	559.1	626.2
G70.0	282.0	458.1	632.3	691.9	613.4	426.2	217.3	384.7	542.8	609.9
G71.0	263.7	442.4	617.9	678.0	598.2	410.9	199.8	368.4	526.8	593.8
G72.0	247.7	427.4	603.0	662.8	584.0	395.5	183.1	351.7	510.1	577.0
G73.0	230.1	412.0	588.4	648.2	569.0	380.4	166.7	335.6	494.1	561.1

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 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	214.0	397.1	573.0	633.1	554.1	365.0	149.6	319.3	477.7	544.8
G75.0	196.5	381.6	557.9	618.3	538.9	350.2	134.0	303.7	462.3	529.3
G76.0	180.2	366.7	542.7	602.7	523.3	335.0	117.5	287.6	447.4	513.2
G77.0	164.2	351.5	527.1	587.3	508.1	319.3	102.4	272.5	432.5	498.4
G78.0	148.1	336.1	512.1	571.6	493.2	304.8	87.5	258.1	418.0	483.9
G79.0	131.8	320.7	496.5	556.5	477.1	289.8	72.9	244.6	404.8	470.0
G80.0	117.1	306.0	481.6	540.8	462.3	275.7	59.4	231.7	392.2	457.4
G81.0	101.9	290.9	466.1	525.9	447.5	261.6	47.0	219.9	380.9	445.4
G82.0	87.5	276.5	451.4	510.4	432.8	247.8	35.7	209.3	370.6	434.8
G83.0	73.4	262.5	436.3	495.0	418.2	234.8	25.5	200.5	362.4	425.9
G84.0	60.5	248.6	421.3	480.5	404.7	222.4	16.8	193.2	355.7	418.5
G85.0	47.8	235.6	407.3	466.0	391.1	210.7	10.4	188.4	351.0	413.0
G86.0	36.6	223.4	394.3	452.5	378.2	200.5	5.7	185.5	347.7	408.8
G87.0	26.7	211.9	380.9	439.2	366.5	190.9	3.5	183.8	344.6	405.1
G88.0	18.1	201.4	369.3	427.1	355.8	183.2	3.5	182.0	341.5	401.3
G89.0	11.5	191.9	358.1	416.0	346.3	177.2	3.5	180.3	338.3	397.5
G90.0	6.8	184.3	348.0	405.7	338.0	173.2	3.7	178.4	335.0	393.5
G91.0	4.7	178.2	339.9	397.1	331.9	171.2	3.8	176.6	331.9	389.5
G92.0	4.3	174.3	333.2	390.3	327.3	170.4	3.8	174.7	328.5	385.5
G93.0	4.4	172.4	328.3	385.1	324.3	169.8	4.0	172.9	325.2	381.4
G94.0	4.5	171.6	325.1	381.6	322.0	169.0	4.1	171.0	321.7	377.2
G95.0	4.6	170.8	322.7	378.3	319.8	168.3	4.2	169.1	318.3	373.2
G96.0	4.7	170.1	320.4	375.3	317.5	167.5	4.3	167.0	314.7	368.9
G97.0	4.8	169.3	317.9	372.1	315.1	166.6	4.5	164.9	311.3	364.8
G98.0	4.9	168.4	315.5	369.0	312.7	165.8	4.6	162.6	307.7	360.5
G99.0	5.0	167.5	313.0	365.8	310.2	164.8	4.7	160.2	304.0	356.1
G100.0	5.2	166.6	310.5	362.4	307.8	163.9	4.9	157.8	300.4	351.7
G101.0	5.3	165.5	307.8	359.0	305.0	162.8	5.1	155.4	296.7	347.5
G102.0	5.5	164.6	305.2	355.7	302.4	161.8	5.2	152.8	293.0	343.2
G103.0	5.7	163.5	302.5	352.1	299.6	160.7	5.4	150.4	288.6	338.6
G104.0	5.8	162.4	299.7	348.7	296.9	159.6	5.5	147.8	280.5	334.3
G105.0	6.0	161.2	296.9	345.1	294.1	158.4	5.7	145.2	271.3	329.8
G106.0	6.2	160.1	294.0	341.6	291.3	157.3	5.9	141.3	260.7	323.8
G107.0	6.3	158.9	291.1	337.9	288.2	156.0	6.1	136.6	254.3	315.8
G108.0	6.5	157.6	287.9	334.2	281.1	154.6	6.2	131.3	249.5	308.0
G109.0	6.7	156.3	279.4	330.5	273.0	152.3	6.4	126.3	246.1	300.8
G110.0	6.8	155.0	270.0	326.3	263.8	149.0	6.5	122.0	242.9	295.9

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	7.0	153.4	259.6	319.1	257.9	144.9	6.7	118.7	239.3	291.5
G112.0	7.2	150.9	253.8	311.7	253.9	140.8	6.9	116.0	236.0	287.1
G113.0	7.4	147.5	249.9	304.6	251.5	137.6	7.0	113.7	232.4	282.6
G114.0	7.5	143.3	247.8	299.9	249.1	135.1	7.2	111.4	228.9	278.1
G115.0	7.7	139.1	245.6	296.2	246.7	133.5	7.4	109.2	225.2	273.5
G116.0	7.8	135.3	243.4	292.5	244.1	132.1	7.6	107.1	221.5	269.0
G117.0	8.0	132.5	240.8	288.8	241.6	130.8	7.7	104.9	217.8	264.7
G118.0	8.2	130.4	238.4	285.1	238.8	129.3	7.9	102.6	214.0	260.2
G119.0	8.4	128.7	235.8	281.3	236.1	127.9	8.1	100.4	210.2	255.5
G120.0	8.6	127.2	233.1	277.5	233.2	126.4	8.3	98.2	206.5	251.1
G121.0	8.8	125.8	230.4	273.5	230.4	124.9	8.4	96.0	202.4	246.3
G122.0	8.9	124.3	227.6	269.7	227.3	123.3	8.6	93.8	198.6	241.9
G123.0	9.1	122.9	224.7	265.8	224.4	121.8	8.8	91.8	194.7	237.3
G124.0	9.3	121.3	221.9	262.0	221.3	120.2	9.0	89.7	190.8	232.9
G125.0	9.5	119.8	218.8	258.1	218.3	118.5	9.1	87.5	186.8	228.1
G126.0	9.7	118.2	215.8	254.2	215.0	116.9	9.3	85.5	182.8	223.6
G127.0	9.9	116.5	212.7	250.2	211.9	115.1	9.5	83.5	178.7	219.0
G128.0	10.1	114.9	209.6	246.2	208.6	113.5	9.6	81.5	174.6	214.3
G129.0	10.2	113.3	206.3	242.3	205.3	111.7	9.8	79.6	170.7	209.6
G130.0	10.4	111.6	203.0	238.1	201.9	110.0	10.0	77.6	166.6	205.0
G131.0	10.6	109.9	199.8	234.1	198.6	108.2	10.2	75.7	162.3	200.2
G132.0	10.8	108.1	196.4	230.1	195.1	106.4	10.4	73.7	158.2	195.6
G133.0	10.9	106.5	192.9	226.0	191.6	104.6	10.5	71.7	154.1	190.7
G134.0	11.1	104.4	189.5	221.7	188.1	102.7	10.7	69.7	149.9	186.2
G135.0	11.3	101.9	186.0	217.7	184.5	100.8	10.9	67.6	145.8	181.3
G136.0	11.5	98.9	182.5	213.4	180.9	98.8	11.0	65.5	141.6	176.8
G137.0	11.6	95.7	178.8	209.3	177.4	96.8	11.2	63.4	137.5	171.8
G138.0	11.8	92.3	175.3	204.9	173.7	94.9	11.4	61.2	133.4	167.1
G139.0	12.0	89.2	171.7	200.7	170.0	93.0	11.6	58.9	129.2	162.2
G140.0	12.1	86.2	168.0	196.1	166.2	91.1	11.8	56.8	125.2	157.7
G141.0	12.3	83.3	164.3	191.9	162.6	89.5	11.9	54.7	121.3	152.7
G142.0	12.5	80.5	160.5	187.5	158.8	87.7	12.1	52.7	117.5	147.9
G143.0	12.6	78.0	156.7	183.2	155.2	85.9	12.3	50.8	113.5	143.0
G144.0	12.8	75.2	152.8	178.8	151.3	83.9	12.5	49.0	109.8	137.9
G145.0	13.0	73.1	149.2	174.4	147.6	82.0	12.7	47.2	106.2	133.1
G146.0	13.1	71.0	145.3	169.8	143.8	79.8	12.9	45.5	102.7	128.1
G147.0	13.3	69.1	141.5	165.3	140.0	77.7	13.1	43.5	99.1	123.4

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	13.5	67.3	137.6	160.7	136.0	75.5	13.3	41.6	95.6	118.4
G149.0	13.9	65.7	133.9	156.1	132.4	73.4	13.5	39.6	92.0	113.9
G150.0	14.4	64.4	129.2	151.4	128.5	71.2	13.6	37.6	88.4	109.2
G151.0	14.5	63.2	124.2	147.0	124.6	69.2	13.9	35.8	84.6	104.5
G152.0	14.7	61.5	118.5	142.4	120.7	67.1	14.1	34.1	80.6	99.8
G153.0	14.9	59.8	112.8	137.7	116.8	64.9	14.2	32.4	76.4	95.4
G154.0	15.1	58.3	107.3	133.1	112.9	62.9	14.4	30.8	72.5	90.7
G155.0	15.2	56.8	102.2	128.5	109.5	61.0	14.6	29.1	68.6	85.8
G156.0	15.4	55.1	97.1	123.7	106.0	59.1	14.9	27.4	64.6	80.7
G157.0	15.6	53.4	92.2	119.2	102.5	57.1	15.1	25.9	60.9	76.0
G158.0	15.7	51.8	87.2	114.8	98.7	55.3	15.3	24.5	57.0	71.1
G159.0	15.9	49.9	82.5	110.5	94.5	53.4	15.5	23.0	53.3	66.5
G160.0	16.1	48.0	78.2	105.9	90.4	51.3	15.7	21.6	49.3	61.8
G161.0	16.2	45.8	74.7	101.2	86.2	49.3	15.9	20.3	45.5	57.4
G162.0	16.4	43.9	71.1	96.3	82.0	47.3	16.0	19.1	41.7	52.7
G163.0	16.5	42.1	67.9	91.1	78.1	45.4	16.2	18.0	38.1	48.2
G164.0	16.7	40.6	64.5	85.9	74.0	43.6	16.4	17.1	34.7	43.8
G165.0	16.8	39.2	61.0	81.2	70.0	41.8	16.5	16.4	31.6	39.6
G166.0	17.0	37.9	57.9	76.4	66.1	40.0	16.7	15.3	28.5	35.6
G167.0	17.2	36.5	54.6	71.7	62.2	38.1	16.8	14.6	25.6	31.7
G168.0	17.3	35.1	50.8	66.9	58.2	36.3	17.0	14.1	22.9	28.1
G169.0	17.4	33.8	46.7	62.2	53.9	34.5	17.1	13.7	20.6	24.9
G170.0	17.5	32.4	42.9	57.4	49.9	32.8	17.3	13.5	18.6	21.8
G171.0	17.5	30.9	39.2	52.5	46.2	31.1	17.5	13.3	17.0	19.2
G172.0	17.6	29.4	35.9	48.1	42.6	29.4	17.6	13.1	15.4	17.1
G173.0	17.8	27.8	33.1	43.7	39.1	27.7	17.8	13.1	14.1	15.4
G174.0	17.8	26.2	30.8	39.6	35.6	26.1	17.9	13.1	13.5	14.0
G175.0	17.9	24.9	28.5	35.6	32.4	24.8	18.0	13.5	13.3	13.3
G176.0	18.0	23.8	26.5	31.7	29.2	23.3	18.1	14.6	13.1	13.0
G177.0	18.1	22.5	24.5	28.0	26.1	21.8	18.2	15.5	13.5	12.9
G178.0	18.2	21.0	22.8	24.3	23.3	20.2	18.3	16.5	15.1	13.8
G179.0	18.3	20.1	20.9	20.9	20.6	18.8	18.4	17.5	16.7	16.2
G180.0	18.3	18.6	18.5	18.3	18.3	17.6	18.4	18.6	18.5	18.4

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	1071.6	1068.9	1079.7							
G1.0	1074.2	1070.4	1079.9							
G2.0	1076.7	1071.6	1079.6							
G3.0	1079.2	1072.5	1079.0							
G4.0	1081.5	1072.9	1077.7							
G5.0	1083.8	1072.9	1075.9							
G6.0	1085.9	1072.6	1073.6							
G7.0	1087.8	1072.0	1070.9							
G8.0	1089.4	1071.0	1067.5							
G9.0	1090.7	1069.6	1063.7							
G10.0	1091.8	1067.8	1059.5							
G11.0	1092.2	1065.8	1054.6							
G12.0	1092.6	1063.1	1049.7							
G13.0	1092.5	1060.3	1043.9							
G14.0	1092.0	1056.7	1037.8							
G15.0	1091.4	1053.0	1031.0							
G16.0	1090.3	1048.9	1024.4							
G17.0	1088.8	1044.4	1016.9							
G18.0	1086.9	1039.4	1009.2							
G19.0	1084.7	1034.3	1000.9							
G20.0	1081.9	1028.6	992.1							
G21.0	1078.9	1022.5	983.2							
G22.0	1075.5	1015.8	973.9							
G23.0	1071.8	1009.3	964.3							
G24.0	1067.4	1002.2	954.4							
G25.0	1063.0	994.9	945.7							
G26.0	1058.1	987.4	933.3							
G27.0	1052.6	983.7	922.2							
G28.0	1047.3	973.7	910.5							
G29.0	1041.3	962.3	901.2							
G30.0	1035.3	953.5	888.1							
G31.0	1028.9	943.8	875.0							
G32.0	1022.0	937.8	862.3							
G33.0	1015.0	925.9	850.0							
G34.0	1007.7	914.7	837.4							
G35.0	1000.3	904.5	824.4							
G36.0	992.5	894.0	810.6							

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	984.0	883.1	799.3							
G38.0	975.3	871.9	788.0							
G39.0	966.5	860.8	769.8							
G40.0	957.5	852.8	755.5							
G41.0	947.9	841.8	746.9							
G42.0	937.9	825.8	728.3							
G43.0	928.0	814.0	712.5							
G44.0	917.6	807.1	697.9							
G45.0	906.6	788.9	683.0							
G46.0	896.0	775.5	667.5							
G47.0	884.3	762.3	656.2							
G48.0	872.9	749.2	639.0							
G49.0	861.5	735.5	622.3							
G50.0	849.0	722.2	611.5							
G51.0	837.1	708.4	591.2							
G52.0	824.5	694.3	575.4							
G53.0	811.6	679.6	560.2							
G54.0	798.7	665.3	544.5							
G55.0	785.4	650.9	530.3							
G56.0	771.7	635.9	512.2							
G57.0	757.8	620.7	497.5							
G58.0	744.5	605.4	480.1							
G59.0	729.8	589.6	463.7							
G60.0	715.2	574.4	450.2							
G61.0	700.5	558.4	430.8							
G62.0	685.4	542.9	414.5							
G63.0	670.4	526.8	397.7							
G64.0	654.8	510.0	382.7							
G65.0	638.9	494.0	364.6							
G66.0	623.1	477.9	347.7							
G67.0	607.2	461.1	330.8							
G68.0	591.4	444.6	314.0							
G69.0	575.2	428.0	297.0							
G70.0	558.5	411.2	282.0							
G71.0	542.0	394.9	263.7							
G72.0	526.0	377.5	247.7							
G73.0	509.6	361.5	230.1							

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 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	492.9	344.9	214.0							
G75.0	476.9	328.6	196.5							
G76.0	461.2	312.6	180.2							
G77.0	446.3	296.9	164.2							
G78.0	431.0	281.5	148.1							
G79.0	417.1	266.6	131.8							
G80.0	403.5	252.2	117.1							
G81.0	391.2	239.0	101.9							
G82.0	379.8	226.3	87.5							
G83.0	369.9	214.5	73.4							
G84.0	361.3	204.6	60.5							
G85.0	354.9	196.4	47.8							
G86.0	350.2	189.6	36.6							
G87.0	346.8	185.1	26.7							
G88.0	343.6	182.6	18.1							
G89.0	340.5	180.8	11.5							
G90.0	337.2	178.9	6.8							
G91.0	333.8	177.2	4.7							
G92.0	330.5	175.3	4.3							
G93.0	327.1	173.5	4.4							
G94.0	323.5	171.5	4.5							
G95.0	320.0	169.5	4.6							
G96.0	316.5	167.5	4.7							
G97.0	312.9	165.5	4.8							
G98.0	309.4	163.4	4.9							
G99.0	305.8	161.3	5.0							
G100.0	302.1	158.9	5.2							
G101.0	298.5	156.4	5.3							
G102.0	294.7	153.9	5.5							
G103.0	290.9	151.4	5.7							
G104.0	285.9	148.8	5.8							
G105.0	276.8	146.4	6.0							
G106.0	266.0	143.7	6.2							
G107.0	255.8	141.2	6.3							
G108.0	249.4	138.3	6.5							
G109.0	245.0	134.7	6.7							
G110.0	241.7	130.1	6.8							

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	238.4	125.3	7.0							
G112.0	235.0	120.0	7.2							
G113.0	231.6	115.6	7.4							
G114.0	228.0	111.6	7.5							
G115.0	224.6	108.5	7.7							
G116.0	220.9	105.9	7.8							
G117.0	217.2	103.3	8.0							
G118.0	213.6	101.1	8.2							
G119.0	209.8	98.8	8.4							
G120.0	206.1	96.8	8.6							
G121.0	202.2	94.6	8.8							
G122.0	198.6	92.5	8.9							
G123.0	194.6	90.4	9.1							
G124.0	190.8	88.5	9.3							
G125.0	186.7	86.5	9.5							
G126.0	182.8	84.7	9.7							
G127.0	178.7	82.7	9.9							
G128.0	174.8	80.7	10.1							
G129.0	170.5	78.7	10.2							
G130.0	166.4	76.6	10.4							
G131.0	162.2	74.3	10.6							
G132.0	158.1	71.5	10.8							
G133.0	153.8	68.1	10.9							
G134.0	149.7	65.1	11.1							
G135.0	145.4	62.4	11.3							
G136.0	141.4	60.2	11.5							
G137.0	137.1	57.7	11.6							
G138.0	133.3	54.9	11.8							
G139.0	129.0	51.8	12.0							
G140.0	125.0	49.4	12.1							
G141.0	121.0	47.6	12.3							
G142.0	117.2	45.8	12.5							
G143.0	113.1	44.1	12.6							
G144.0	109.1	42.6	12.8							
G145.0	105.4	41.2	13.0							
G146.0	101.5	39.8	13.1							
G147.0	97.4	38.5	13.3							

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	93.1	37.2	13.5							
G149.0	87.0	35.9	13.9							
G150.0	81.6	34.5	14.4							
G151.0	78.0	33.1	14.5							
G152.0	73.7	31.8	14.7							
G153.0	68.4	30.4	14.9							
G154.0	62.7	28.9	15.1							
G155.0	57.0	27.5	15.2							
G156.0	52.1	26.1	15.4							
G157.0	47.9	24.6	15.6							
G158.0	45.0	23.2	15.7							
G159.0	43.0	21.9	15.9							
G160.0	40.7	20.9	16.1							
G161.0	37.9	19.8	16.2							
G162.0	35.8	18.8	16.4							
G163.0	33.8	18.0	16.5							
G164.0	31.2	17.1	16.7							
G165.0	28.7	16.3	16.8							
G166.0	26.3	15.6	17.0							
G167.0	23.9	14.9	17.2							
G168.0	21.7	14.3	17.3							
G169.0	19.7	13.8	17.4							
G170.0	17.9	13.5	17.5							
G171.0	16.5	13.3	17.5							
G172.0	15.3	13.1	17.6							
G173.0	14.2	12.9	17.8							
G174.0	13.6	12.9	17.8							
G175.0	13.2	13.0	17.9							
G176.0	13.0	13.6	18.0							
G177.0	13.3	14.6	18.1							
G178.0	14.8	15.6	18.2							
G179.0	16.4	16.6	18.3							
G180.0	18.3	17.6	18.3							

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: