

Report No.: 20200708

Test Time: 2020-07-11 10:28

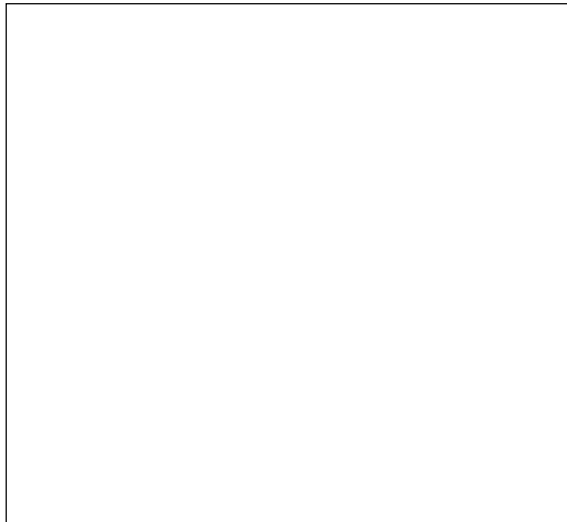
Luminaire Property

Luminaire Manufacturer:
Luminaire Category: NB
Luminaire Description: LLHB4-410W-4FT
Lamp Catalog: 5000K
Lamp Description: SLP96-I2000 120-277WD1S
Number of Lamps: 160X8
Luminous Length (mm): 1200
Luminous Height (mm): 65
Current: 1.509A
Power Factor: 0.939
Lumens per Lamp: 32-35LM
Luminous Width (mm): 600
Voltage: 267.8 V
Power: 401 W

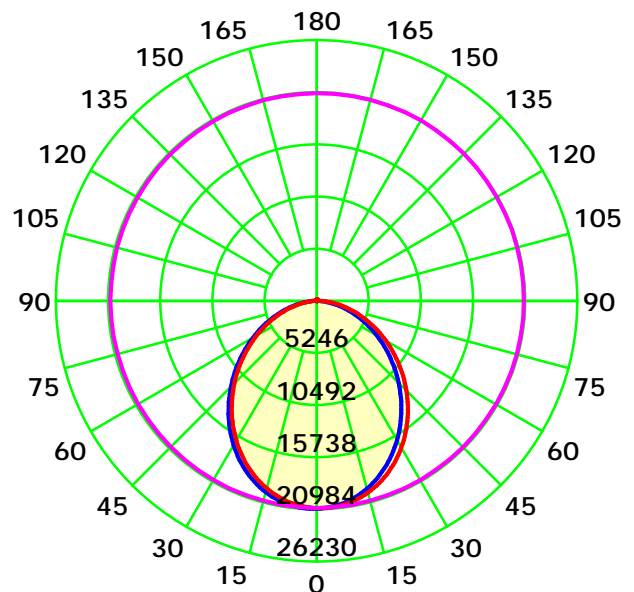
Photometric Results

CIE Class: Direct
Measurement Flux: 53084 lm
Downward Ratio: 1026.44%
Field Angle: H157.4 V159.0
Luminaire Efficacy Rating (LER): 132
Max. Intensity: 20984.42 cd
Total Rated Lamp Lumens: 5120.0 lm
Efficiency: 1036.80%
Upward Ratio: 10.36%
Beam Angle: H99.2 V101.5
Central Intensity: 20913.2 cd
Pos of Max. Intensity: H150 V3

Picture Of Luminaire



Luminous Intensity Distribution Curve



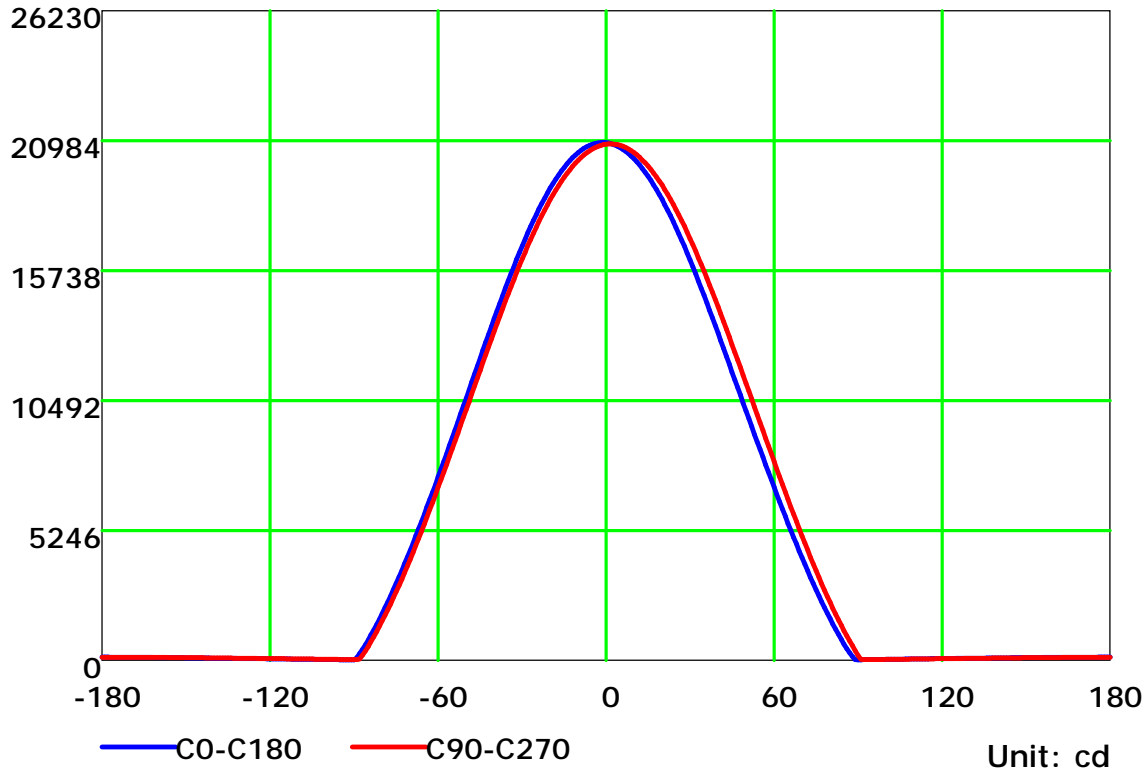
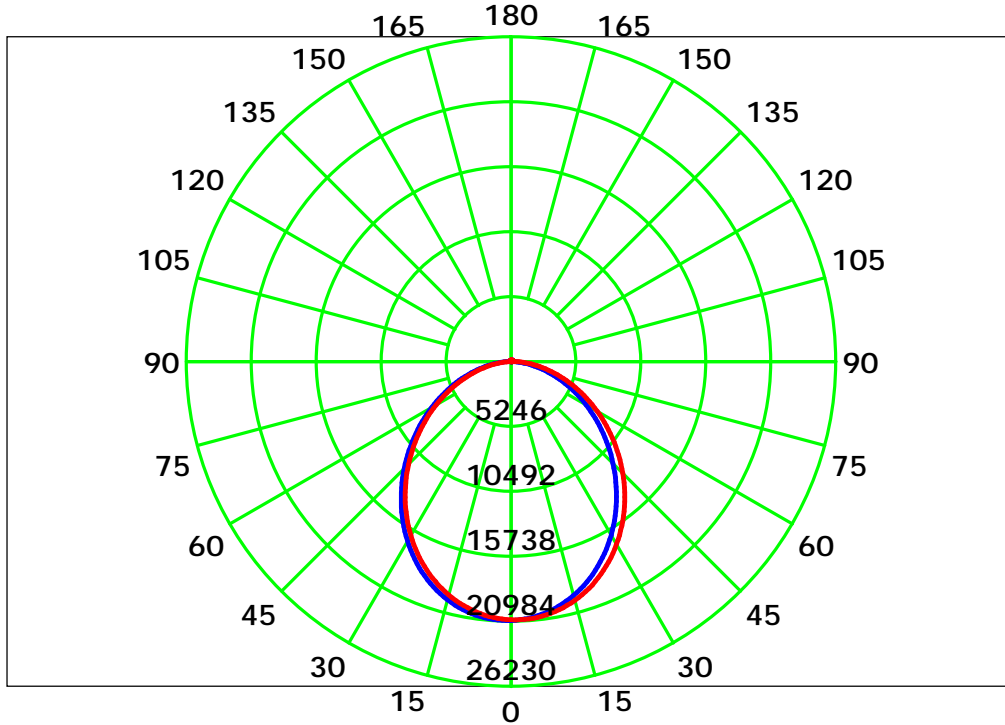
Average Diffuse Angle(50%): 100.4° Unit: cd

— C0-C180 — C90-C270 — G3

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:

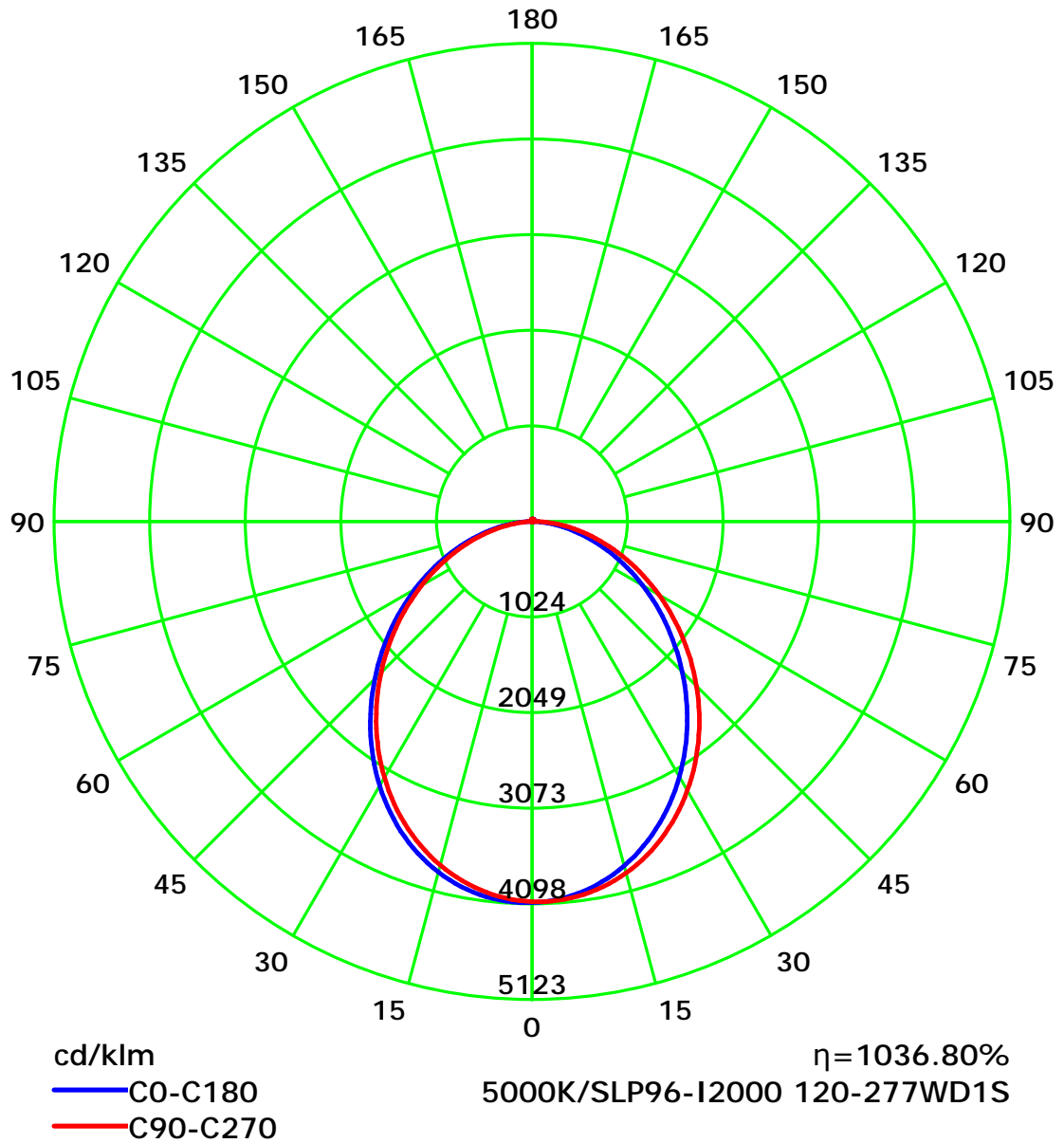
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
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Gamma Plane (°):0.0-180.0:1.0
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 Humidity: 88
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



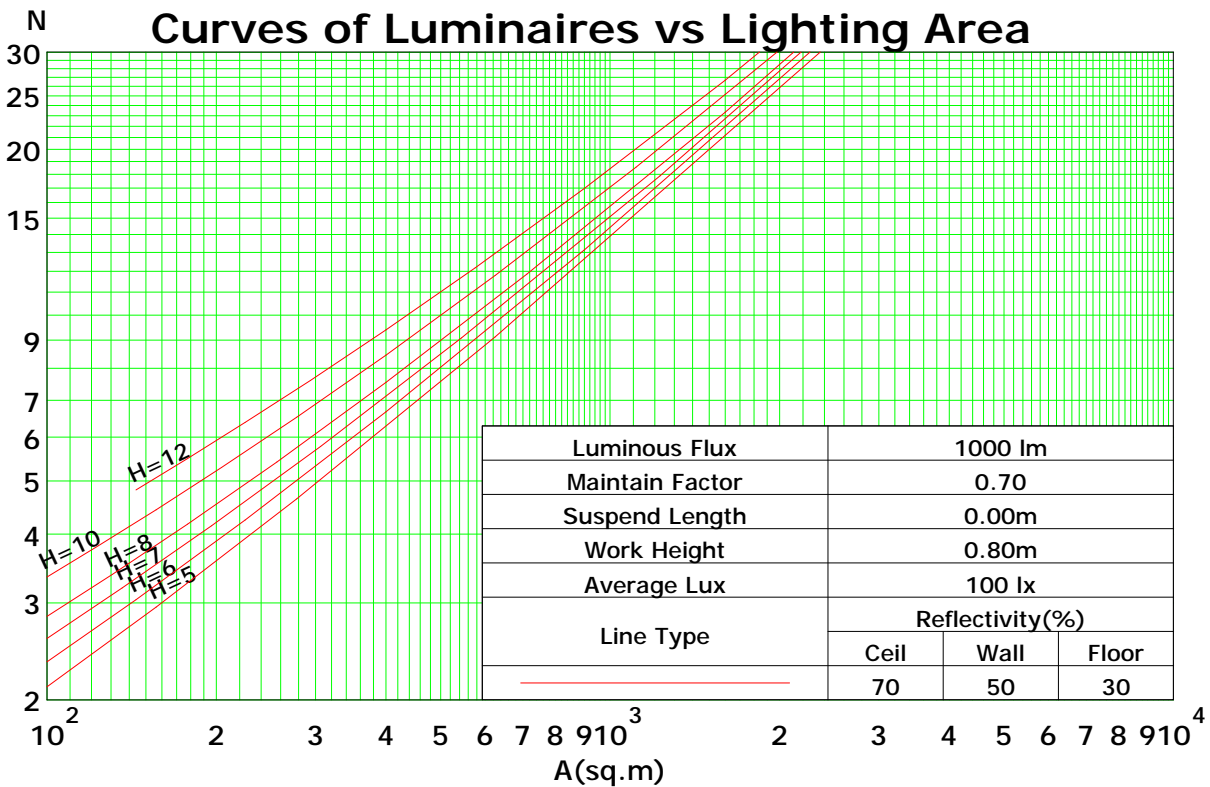
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Coefficients Of Utilization - Zonal Cavity Method

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	1232	1232	1232	1232	1202	1202	1202	1202	1461	1461	1461	1095	1095	1095	1048	1048	1048	026
1	1129	1080	1037	998	1099	1056	1017	981	1101	1078	948	968	942	918	929	908	889	866
2	1029	946	877	820	1001	926	863	809	887	834	789	852	808	769	819	783	751	728
3	941	834	752	686	915	817	741	680	785	720	666	755	700	653	728	681	641	618
4	864	742	653	585	839	728	645	581	701	629	571	675	613	563	652	598	554	532
5	796	665	574	507	773	653	567	503	630	555	497	609	543	491	589	531	485	463
6	736	601	510	444	716	590	505	442	571	494	437	553	485	433	535	475	428	407
7	684	546	457	394	665	537	453	392	520	444	389	505	436	385	490	429	382	361
8	637	499	413	353	621	492	409	352	477	402	349	464	396	346	451	389	343	324
9	596	459	375	319	581	453	372	318	440	367	315	428	361	313	417	356	311	292
10	559	424	344	290	546	419	341	289	408	336	287	398	332	285	388	327	284	266

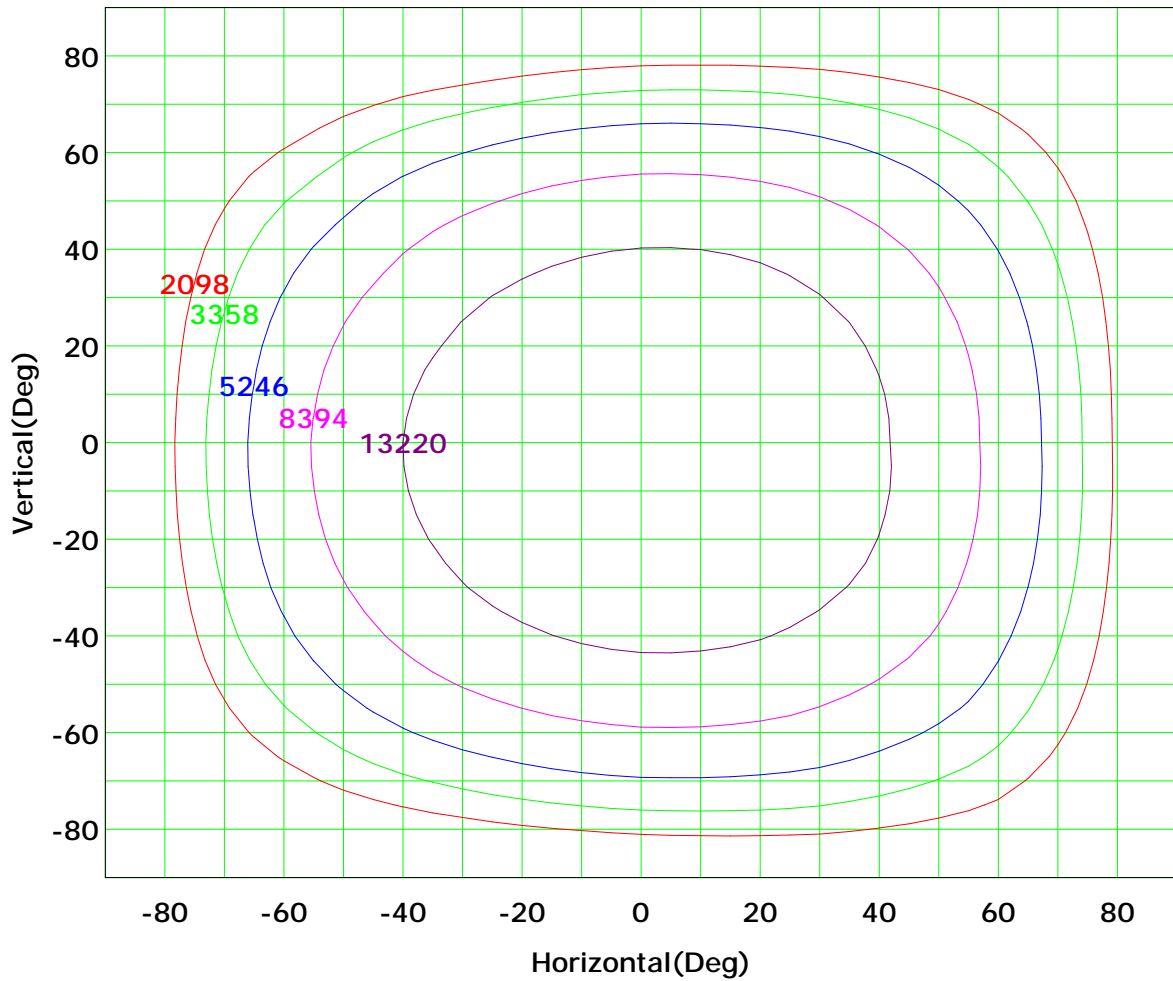
Spacing Criteria (0-180): 1.18
 Spacing Criteria (90-270): 1.19
 Spacing Criteria (Diagonal): 1.29



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 Temperature: 23
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Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

Isocandela (rectangle)



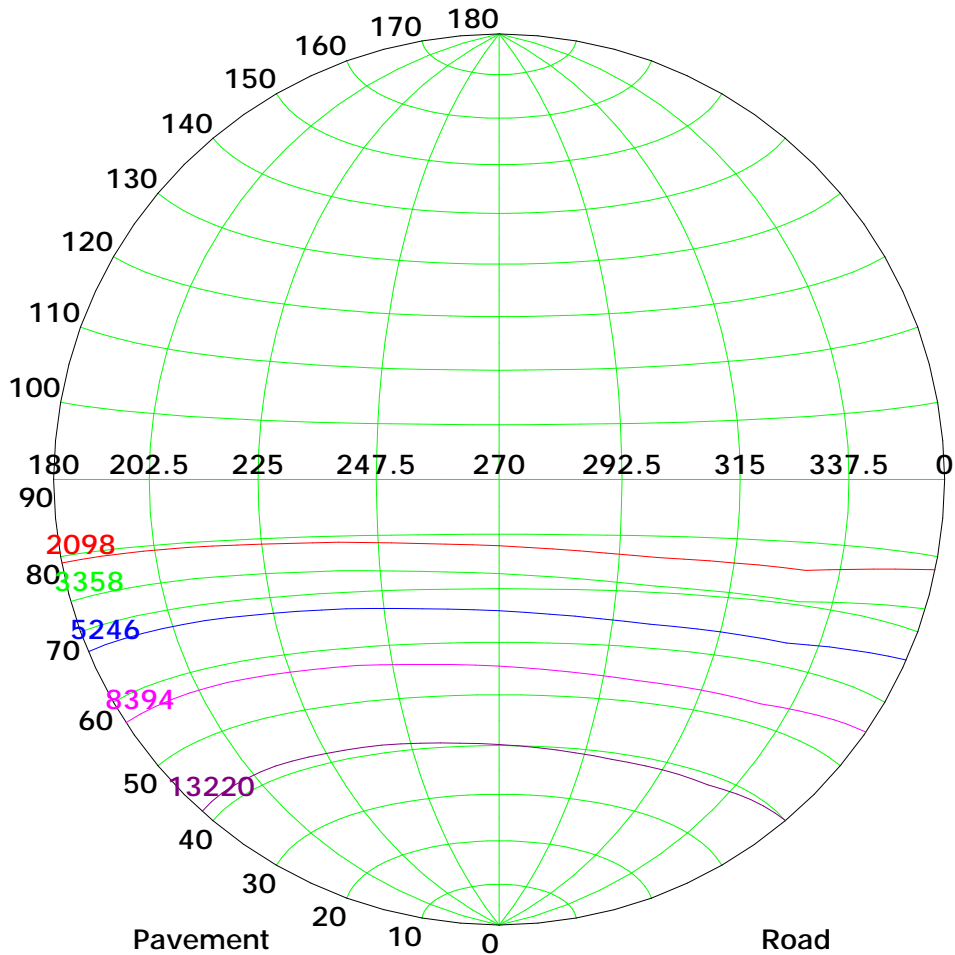
Imax (100%): 20984 cd

- | | |
|--------------------|--------------------|
| — (10%): 2098 cd | — (16%): 3358 cd |
| — (25%): 5246 cd | — (40%): 8394 cd |
| — (63%): 13220 cd | — (100%): 20984 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)



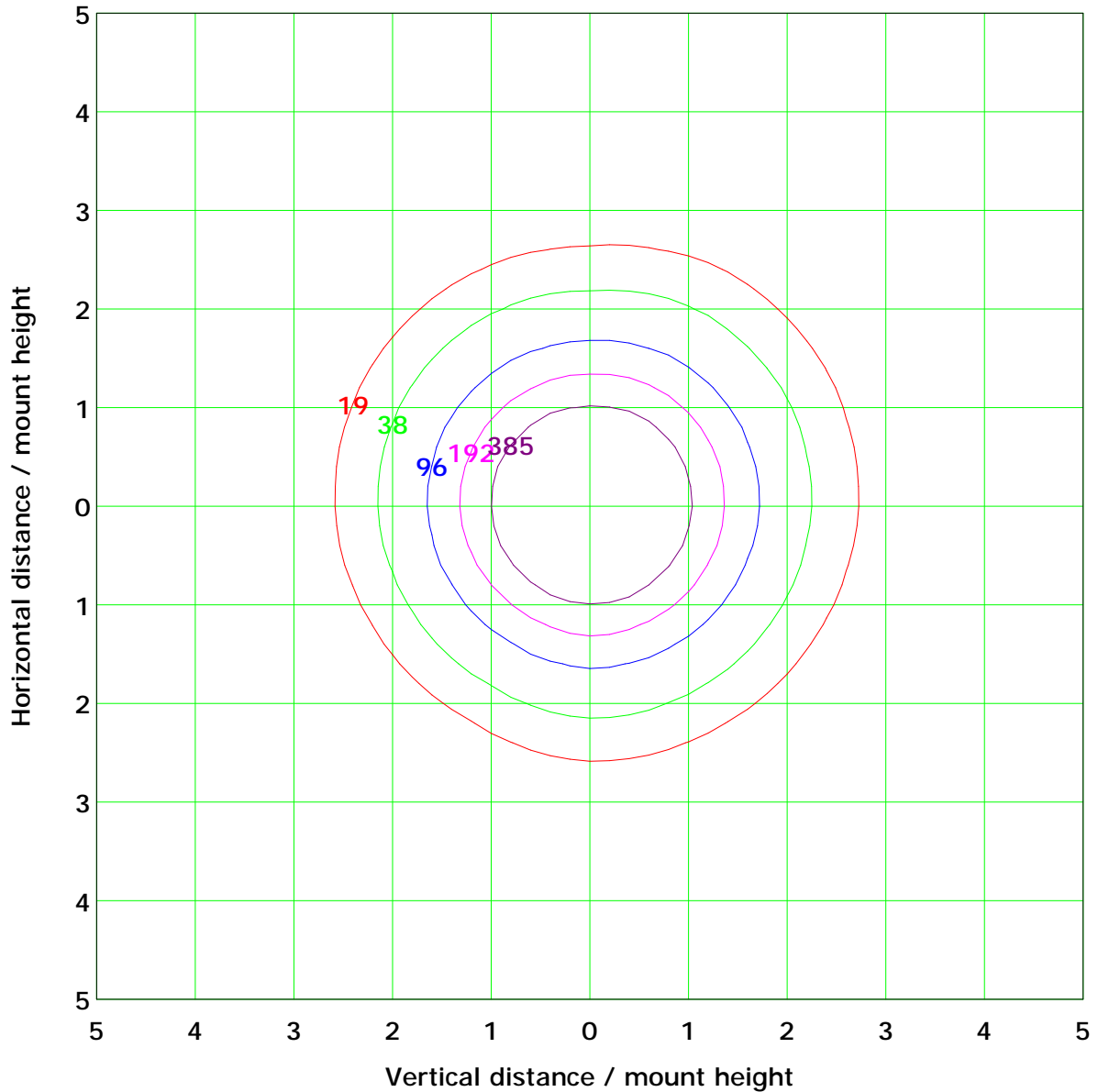
Imax (100%): 20984 cd

- | | |
|--------------------|--------------------|
| — (10%): 2098 cd | — (16%): 3358 cd |
| — (25%): 5246 cd | — (40%): 8394 cd |
| — (63%): 13220 cd | — (100%): 20984 cd |

C Plane (°):0.0-360.0: 30.0
 Test Lab: 70
 Test Type: TYPE C
 Temperature: 23
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Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.690 m
 Humidity: 88
 Inspector:

IsoLux Plot



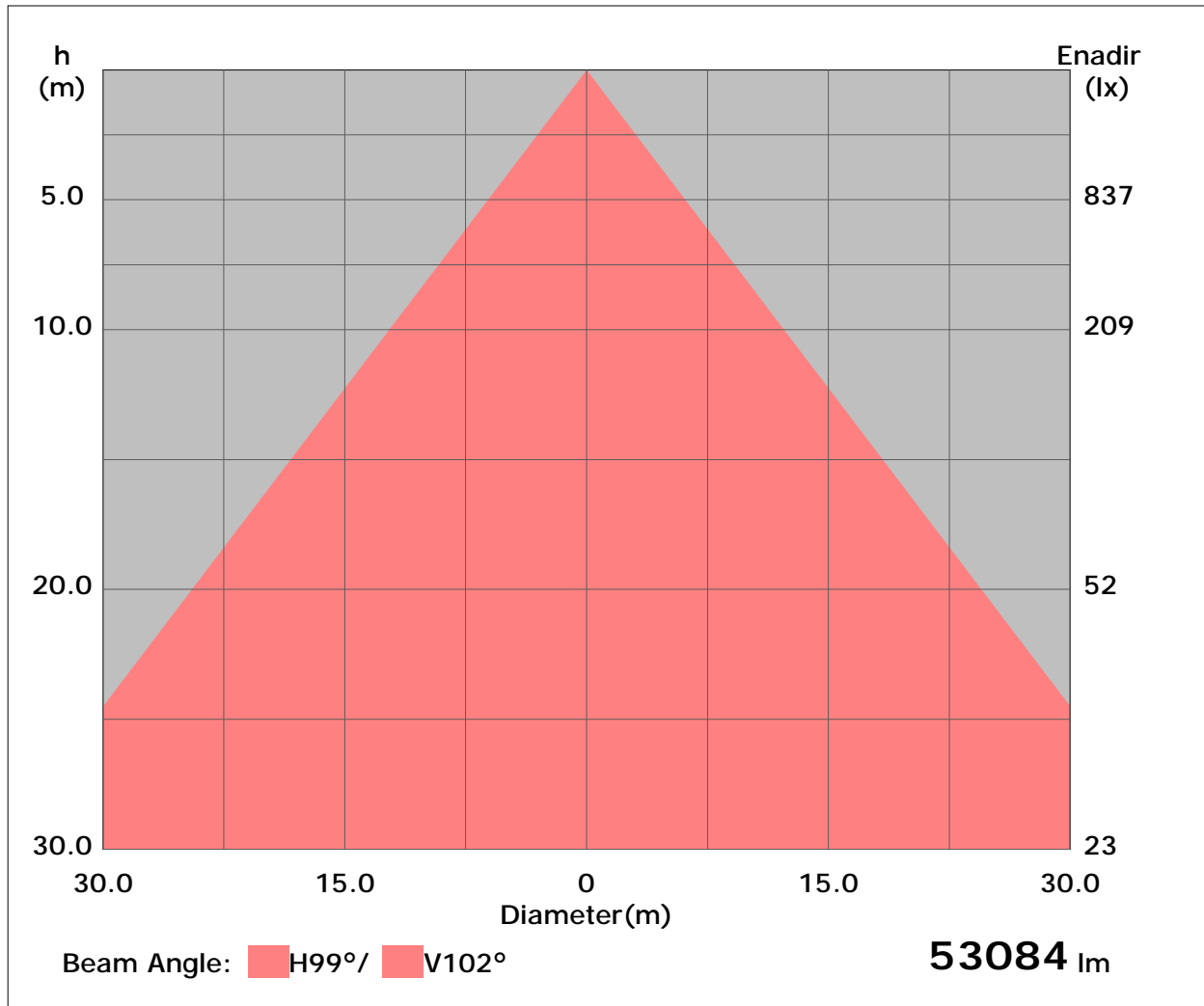
Mounting Height: 3.3m Max Lux(100%): 1924.5 lx

(1%): 19.2 lx	(2%): 38.5 lx
(5%): 96.2 lx	(10%): 192.5 lx
(20%): 384.9 lx	

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

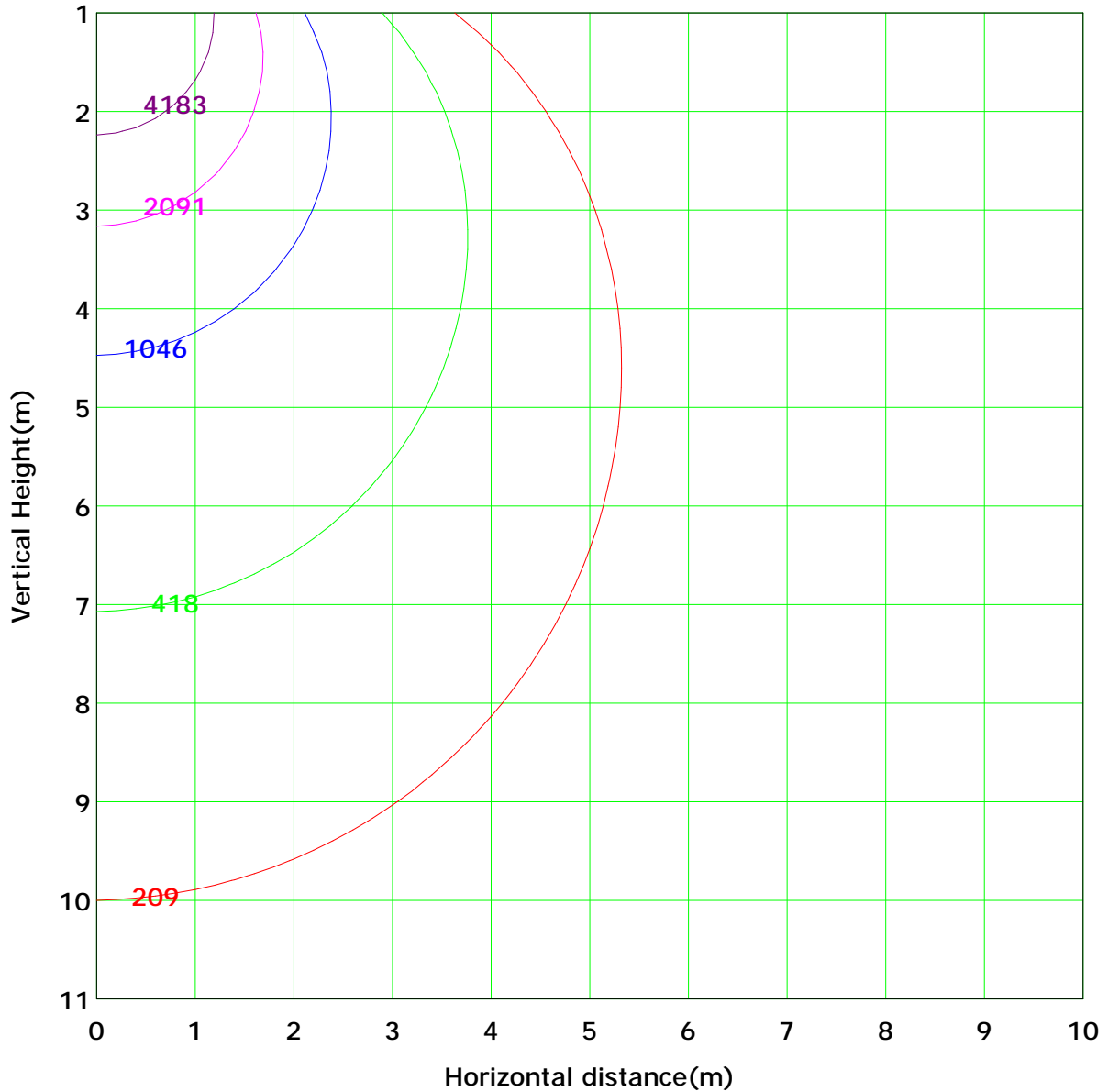
Illuminance at a Distance



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: 20913.2 lx
 (1%): 209.1 lx (2%): 418.3 lx
 (5%): 1045.7 lx (10%): 2091.3 lx
 (20%): 4182.6 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

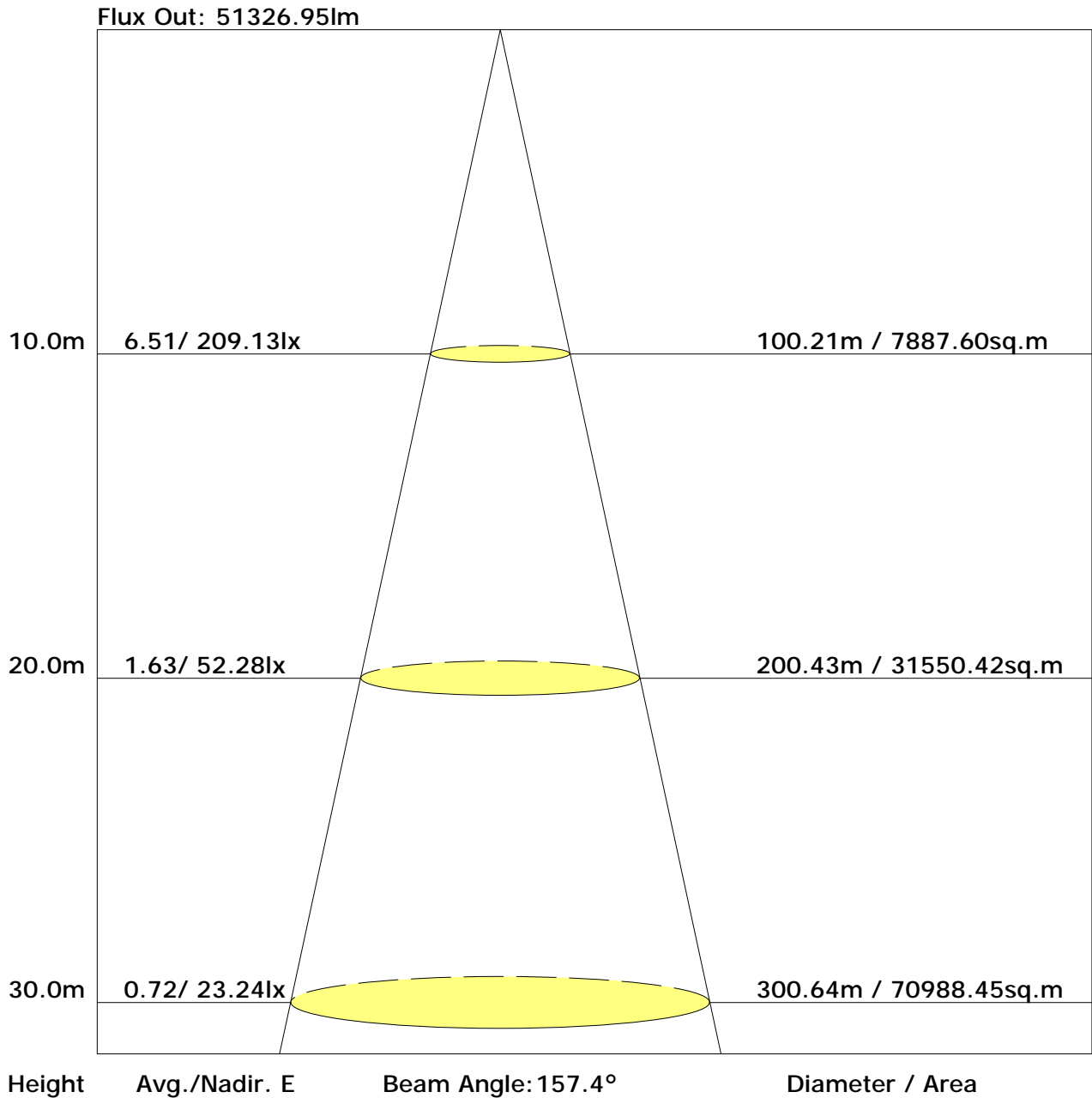
Unit: lm

		Vertical plane																		
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
Flux(T)	90	36.5	292.6	862.9	1737.2	2836.4	4032.5	5148.0	5973.8	6365.2	5256.5	6680.4	748.3	626.2	485.7	481.9	20.2	2236.9	26.6	52548
Flux(E)	-90	0.0	210.8	797.3	1675.2	2774.2	3972.2	5086.5	5910.6	6302.2	5194.5	6617.4	685.5	562.2	421.2	416.0	652.3	149.8	0.0	51429

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

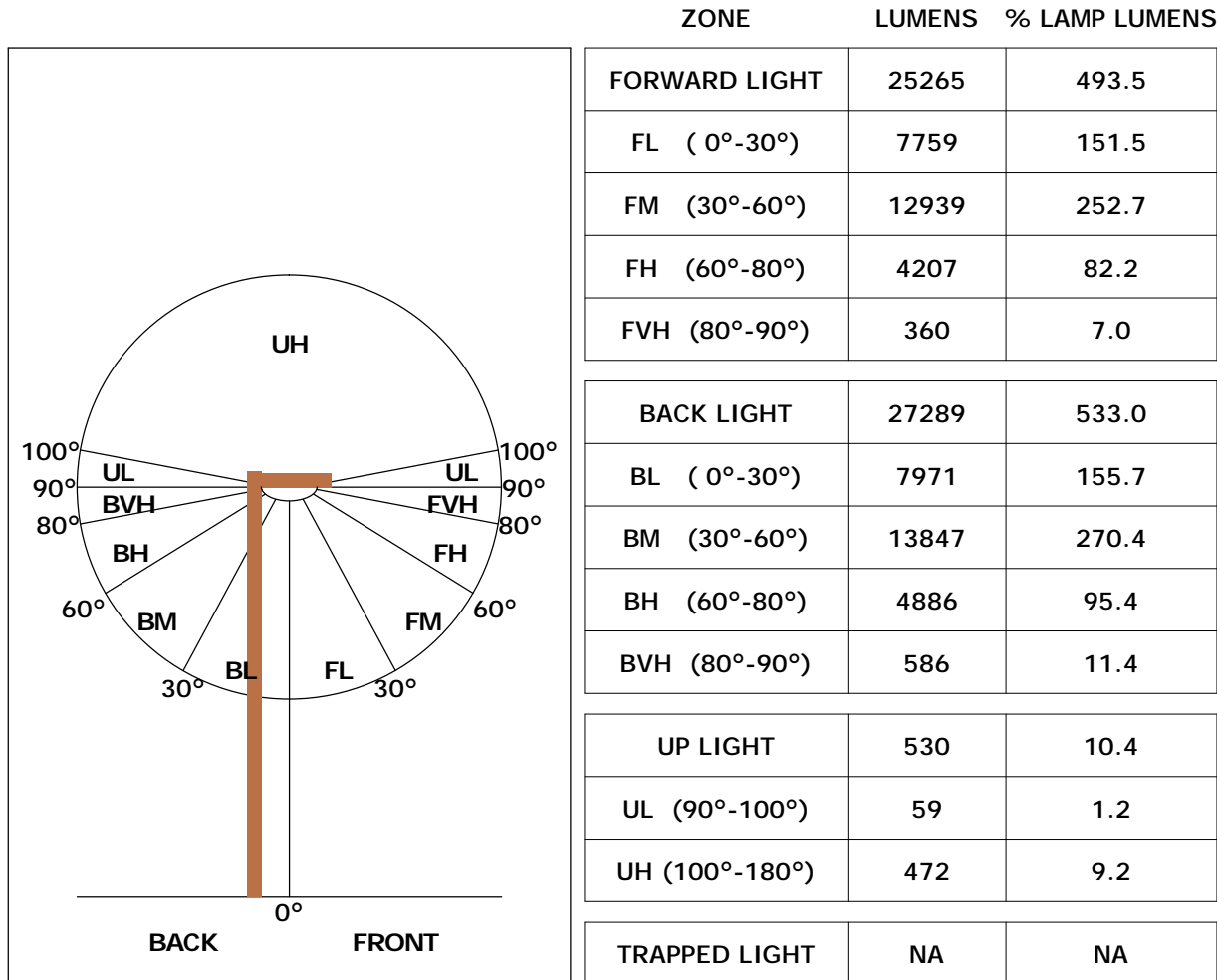
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	15.9	17.5	16.3	17.8	18.1	16.7	18.3	17.1	18.6	19.0
3H	17.5	18.9	17.9	19.2	19.6	18.4	19.8	18.8	20.2	20.6
4H	18.0	19.4	18.4	19.7	20.1	19.0	20.4	19.4	20.7	21.1
6H	18.4	19.6	18.8	20.0	20.4	19.5	20.7	19.9	21.1	21.5
8H	18.5	19.7	19.0	20.1	20.5	19.6	20.8	20.1	21.2	21.7
12H	18.6	19.7	19.0	20.1	20.5	19.7	20.9	20.2	21.3	21.7
X=4H Y=2H	16.4	17.7	16.8	18.1	18.5	17.3	18.6	17.7	19.0	19.4
3H	18.1	19.3	18.6	19.7	20.1	19.2	20.3	19.6	20.7	21.1
4H	18.8	19.8	19.2	20.2	20.7	19.9	20.9	20.4	21.4	21.8
6H	19.3	20.1	19.7	20.6	21.1	20.5	21.4	21.0	21.9	22.3
8H	19.4	20.2	19.9	20.7	21.2	20.7	21.5	21.2	22.0	22.5
12H	19.5	20.2	20.0	20.7	21.2	20.9	21.6	21.4	22.1	22.6
X=8H Y=4H	19.0	19.8	19.5	20.3	20.8	20.2	21.0	20.7	21.5	22.0
6H	19.5	20.2	20.0	20.7	21.2	20.9	21.6	21.4	22.1	22.6
8H	19.7	20.3	20.2	20.8	21.3	21.2	21.8	21.7	22.3	22.8
12H	19.8	20.3	20.3	20.9	21.4	21.4	21.9	21.9	22.4	23.0
X=12H Y=4H	19.0	19.7	19.5	20.2	20.7	20.2	21.0	20.7	21.5	22.0
6H	19.6	20.2	20.1	20.6	21.2	21.0	21.6	21.5	22.1	22.6
8H	19.7	20.3	20.3	20.8	21.4	21.3	21.8	21.8	22.3	22.9

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)	B5 U5 G4
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U5 G4

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	6.08	7.13	7.87	8.41	9.14	9.64	9.99	10.45	10.74	
	0.30		5.29	6.36	7.13	7.70	8.52	9.08	9.49	10.03	10.39	
	0.20		4.72	5.78	6.56	7.16	8.01	8.61	9.05	9.67	10.07	
0.50	0.50	0.20	5.91	6.91	7.61	8.11	8.80	9.27	9.59	10.02	10.29	
	0.30		5.20	6.23	6.97	7.51	8.28	8.80	9.17	9.68	9.99	
	0.20		4.68	5.72	6.46	7.03	7.83	8.40	8.81	9.37	9.73	
0.30	0.50	0.20	5.75	6.71	7.37	7.84	8.49	8.92	9.22	9.62	9.87	
	0.30		5.12	6.11	6.82	7.33	8.05	8.54	8.88	9.34	9.63	
	0.20		4.65	5.65	6.37	6.91	7.67	8.20	8.58	9.09	9.41	
0.00	0.00	0.00	4.41	5.38	6.07	6.58	7.30	7.79	8.14	8.61	8.91	
<p>Rating: 401W 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	9.99	8.23	6.99	6.09	4.86	4.03	3.45	2.67	2.18	
	0.30		8.34	7.04	6.10	5.39	4.40	3.70	3.19	2.51	2.08	
	0.20		7.15	6.15	5.41	4.84	4.01	3.41	2.97	2.37	1.98	
0.50	0.50	0.20	9.62	7.89	6.69	5.82	4.63	4.18	3.27	2.53	2.07	
	0.30		8.14	6.84	5.91	5.21	4.23	3.55	3.06	2.40	1.98	
	0.20		7.06	6.04	5.30	4.72	3.90	3.30	2.88	2.28	1.90	
0.30	0.50	0.20	9.32	7.56	6.41	5.57	4.41	3.65	3.11	2.40	1.97	
	0.30		7.95	6.66	5.74	5.04	4.08	3.42	2.93	2.30	1.90	
	0.20		6.97	5.95	5.19	4.62	3.79	3.20	2.77	2.19	1.82	
0.00	0.00	0.00	5.88	4.91	4.21	3.70	2.99	2.50	2.14	1.68	1.38	
<p>Rating: 401W 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	1.77	1.90	1.99	2.05	2.15	2.21	2.25	2.31	2.35	
	0.30		1.08	1.24	1.39	1.49	1.67	1.79	1.88	2.01	2.09	
	0.20		0.58	0.76	0.92	1.05	1.26	1.42	1.55	1.73	1.85	
0.50	0.50	0.20	1.70	1.82	1.91	1.98	2.07	2.12	2.16	2.22	2.25	
	0.30		1.06	1.22	1.35	1.46	1.61	1.73	1.81	1.93	2.02	
	0.20		0.58	0.75	0.90	1.03	1.23	1.39	1.51	1.68	1.79	
0.30	0.50	0.20	1.65	1.76	1.85	1.90	1.99	2.04	2.08	2.12	2.15	
	0.30		1.03	1.19	1.32	1.42	1.57	1.68	1.76	1.87	1.94	
	0.20		0.58	0.74	0.89	1.02	1.21	1.36	1.47	1.63	1.74	
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: 401W 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	20889.8	20.0	20.0	0.39	0.39
1.0-2.0	20879.4	59.9	79.9	1.17	1.56
2.0-3.0	20858.8	99.8	179.7	1.95	3.51
3.0-4.0	20827.7	139.4	319.1	2.72	6.23
4.0-5.0	20786.5	178.8	498.0	3.49	9.73
5.0-6.0	20735.0	217.9	715.9	4.26	13.98
6.0-7.0	20673.3	256.6	972.6	5.01	19.00
7.0-8.0	20601.4	294.9	1267.4	5.76	24.75
8.0-9.0	20519.3	332.6	1600.0	6.50	31.25
9.0-10.0	20427.4	369.7	1969.7	7.22	38.47
10.0-11.0	20325.7	406.2	2375.9	7.93	46.41
11.0-12.0	20214.0	441.9	2817.9	8.63	55.04
12.0-13.0	20092.1	476.9	3294.8	9.31	64.35
13.0-14.0	19960.5	511.0	3805.7	9.98	74.33
14.0-15.0	19819.5	544.2	4349.9	10.63	84.96
15.0-16.0	19669.7	576.4	4926.4	11.26	96.22
16.0-17.0	19510.3	607.7	5534.0	11.87	108.09
17.0-18.0	19342.0	637.8	6171.8	12.46	120.54
18.0-19.0	19164.8	666.9	6838.7	13.02	133.57
19.0-20.0	18978.9	694.7	7533.4	13.57	147.14
20.0-21.0	18784.6	721.4	8254.8	14.09	161.23
21.0-22.0	18581.3	746.8	9001.6	14.59	175.81
22.0-23.0	18369.9	770.9	9772.5	15.06	190.87
23.0-24.0	18151.2	793.7	10566.2	15.50	206.37
24.0-25.0	17924.9	815.1	11381.4	15.92	222.29
25.0-26.0	17691.3	835.2	12216.6	16.31	238.61
26.0-27.0	17450.0	853.8	13070.4	16.68	255.28
27.0-28.0	17202.9	871.1	13941.5	17.01	272.30
28.0-29.0	16949.0	886.9	14828.4	17.32	289.62
29.0-30.0	16687.6	901.1	15729.5	17.60	307.22
30.0-31.0	16421.8	914.0	16643.5	17.85	325.07
31.0-32.0	16149.4	925.3	17568.8	18.07	343.14
32.0-33.0	15872.3	935.2	18504.0	18.27	361.41
33.0-34.0	15591.2	943.7	19447.7	18.43	379.84
34.0-35.0	15305.1	950.6	20398.3	18.57	398.40
35.0-36.0	15013.7	956.1	21354.4	18.67	417.08

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	14718.1	960.0	22314.5	18.75	435.83
37.0-38.0	14420.3	962.7	23277.1	18.80	454.63
38.0-39.0	14118.8	963.8	24240.9	18.82	473.46
39.0-40.0	13813.4	963.5	25204.5	18.82	492.27
40.0-41.0	13506.6	961.9	26166.4	18.79	511.06
41.0-42.0	13196.2	958.9	27125.3	18.73	529.79
42.0-43.0	12884.1	954.5	28079.8	18.64	548.43
43.0-44.0	12570.7	948.9	29028.7	18.53	566.97
44.0-45.0	12254.9	941.9	29970.7	18.40	585.36
45.0-46.0	11937.8	933.7	30904.4	18.24	603.60
46.0-47.0	11620.4	924.4	31828.7	18.05	621.65
47.0-48.0	11302.9	913.8	32742.6	17.85	639.50
48.0-49.0	10984.9	902.2	33644.8	17.62	657.12
49.0-50.0	10665.5	889.4	34534.1	17.37	674.49
50.0-51.0	10347.2	875.6	35409.7	17.10	691.60
51.0-52.0	10030.4	860.8	36270.5	16.81	708.41
52.0-53.0	9712.0	844.9	37115.4	16.50	724.91
53.0-54.0	9396.2	828.3	37943.7	16.18	741.09
54.0-55.0	9081.3	810.7	38754.5	15.83	756.92
55.0-56.0	8766.8	792.3	39546.8	15.47	772.40
56.0-57.0	8452.9	773.0	40319.8	15.10	787.50
57.0-58.0	8141.0	752.9	41072.7	14.71	802.20
58.0-59.0	7832.2	732.3	41805.0	14.30	816.50
59.0-60.0	7522.1	710.7	42515.8	13.88	830.39
60.0-61.0	7214.7	688.6	43204.3	13.45	843.83
61.0-62.0	6910.1	665.9	43870.3	13.01	856.84
62.0-63.0	6607.8	642.7	44513.0	12.55	869.40
63.0-64.0	6307.5	619.0	45132.1	12.09	881.49
64.0-65.0	6010.3	594.9	45726.9	11.62	893.10
65.0-66.0	5715.7	570.4	46297.3	11.14	904.24
66.0-67.0	5422.7	545.3	46842.6	10.65	914.90
67.0-68.0	5136.0	520.3	47363.0	10.16	925.06
68.0-69.0	4852.4	495.1	47858.1	9.67	934.73
69.0-70.0	4569.0	469.3	48327.4	9.17	943.89
70.0-71.0	4290.8	443.5	48770.9	8.66	952.56
71.0-72.0	4016.8	417.7	49188.7	8.16	960.72

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	3746.3	391.8	49580.5	7.65	968.37
73.0-74.0	3480.1	365.9	49946.4	7.15	975.52
74.0-75.0	3218.7	340.1	50286.5	6.64	982.16
75.0-76.0	2963.8	314.7	50601.2	6.15	988.30
76.0-77.0	2712.6	289.2	50890.4	5.65	993.95
77.0-78.0	2465.8	264.0	51154.4	5.16	999.11
78.0-79.0	2224.6	239.0	51393.4	4.67	1003.78
79.0-80.0	1989.5	214.5	51608.0	4.19	1007.97
80.0-81.0	1761.1	190.5	51798.4	3.72	1011.69
81.0-82.0	1537.8	166.8	51965.2	3.26	1014.95
82.0-83.0	1320.2	143.5	52108.8	2.80	1017.75
83.0-84.0	1110.4	121.0	52229.7	2.36	1020.11
84.0-85.0	908.5	99.2	52328.9	1.94	1022.05
85.0-86.0	715.9	78.3	52407.2	1.53	1023.58
86.0-87.0	539.6	59.1	52466.2	1.15	1024.73
87.0-88.0	384.8	42.2	52508.4	0.82	1025.55
88.0-89.0	254.1	27.9	52536.2	0.54	1026.10
89.0-90.0	157.8	17.3	52553.5	0.34	1026.44
90.0-91.0	99.1	10.9	52564.4	0.21	1026.65
91.0-92.0	65.2	7.1	52571.6	0.14	1026.79
92.0-93.0	47.0	5.1	52576.7	0.10	1026.89
93.0-94.0	42.5	4.7	52581.4	0.09	1026.98
94.0-95.0	43.9	4.8	52586.2	0.09	1027.07
95.0-96.0	45.4	5.0	52591.1	0.10	1027.17
96.0-97.0	46.9	5.1	52596.2	0.10	1027.27
97.0-98.0	48.4	5.3	52601.5	0.10	1027.37
98.0-99.0	50.0	5.4	52606.9	0.11	1027.48
99.0-100.0	51.6	5.6	52612.5	0.11	1027.59
100.0-101.0	53.2	5.7	52618.2	0.11	1027.70
101.0-102.0	54.8	5.9	52624.1	0.11	1027.81
102.0-103.0	56.2	6.0	52630.1	0.12	1027.93
103.0-104.0	57.8	6.2	52636.3	0.12	1028.05
104.0-105.0	59.3	6.3	52642.6	0.12	1028.18
105.0-106.0	60.7	6.4	52649.0	0.13	1028.30
106.0-107.0	62.2	6.5	52655.5	0.13	1028.43
107.0-108.0	63.7	6.7	52662.2	0.13	1028.56

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	65.0	6.8	52669.0	0.13	1028.69
109.0-110.0	66.5	6.9	52675.8	0.13	1028.82
110.0-111.0	67.9	7.0	52682.8	0.14	1028.96
111.0-112.0	69.2	7.1	52689.9	0.14	1029.10
112.0-113.0	70.5	7.1	52697.0	0.14	1029.24
113.0-114.0	71.8	7.2	52704.2	0.14	1029.38
114.0-115.0	73.1	7.3	52711.5	0.14	1029.52
115.0-116.0	74.4	7.4	52718.9	0.14	1029.67
116.0-117.0	75.8	7.4	52726.3	0.15	1029.81
117.0-118.0	77.1	7.5	52733.8	0.15	1029.96
118.0-119.0	78.4	7.6	52741.4	0.15	1030.11
119.0-120.0	79.8	7.6	52749.0	0.15	1030.25
120.0-121.0	81.1	7.7	52756.7	0.15	1030.40
121.0-122.0	82.4	7.7	52764.4	0.15	1030.55
122.0-123.0	83.8	7.7	52772.1	0.15	1030.71
123.0-124.0	85.1	7.8	52779.9	0.15	1030.86
124.0-125.0	86.4	7.8	52787.7	0.15	1031.01
125.0-126.0	87.8	7.8	52795.6	0.15	1031.16
126.0-127.0	89.1	7.9	52803.4	0.15	1031.32
127.0-128.0	90.4	7.9	52811.3	0.15	1031.47
128.0-129.0	91.7	7.9	52819.1	0.15	1031.62
129.0-130.0	93.0	7.9	52827.0	0.15	1031.78
130.0-131.0	94.4	7.9	52834.9	0.15	1031.93
131.0-132.0	95.8	7.9	52842.7	0.15	1032.08
132.0-133.0	97.2	7.9	52850.6	0.15	1032.24
133.0-134.0	98.5	7.8	52858.4	0.15	1032.39
134.0-135.0	99.8	7.8	52866.2	0.15	1032.54
135.0-136.0	101.1	7.8	52874.0	0.15	1032.70
136.0-137.0	102.5	7.7	52881.7	0.15	1032.85
137.0-138.0	103.9	7.7	52889.4	0.15	1033.00
138.0-139.0	105.2	7.6	52897.1	0.15	1033.15
139.0-140.0	106.4	7.6	52904.7	0.15	1033.29
140.0-141.0	107.8	7.5	52912.2	0.15	1033.44
141.0-142.0	109.1	7.4	52919.6	0.15	1033.59
142.0-143.0	110.4	7.4	52927.0	0.14	1033.73
143.0-144.0	111.6	7.3	52934.3	0.14	1033.87

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	112.9	7.2	52941.5	0.14	1034.01
145.0-146.0	114.2	7.1	52948.6	0.14	1034.15
146.0-147.0	115.4	7.0	52955.5	0.14	1034.29
147.0-148.0	116.6	6.9	52962.4	0.13	1034.42
148.0-149.0	117.7	6.7	52969.2	0.13	1034.55
149.0-150.0	118.8	6.6	52975.8	0.13	1034.68
150.0-151.0	119.9	6.5	52982.2	0.13	1034.81
151.0-152.0	120.9	6.3	52988.6	0.12	1034.93
152.0-153.0	122.0	6.2	52994.8	0.12	1035.05
153.0-154.0	123.0	6.0	53000.8	0.12	1035.17
154.0-155.0	123.9	5.9	53006.6	0.11	1035.29
155.0-156.0	124.9	5.7	53012.3	0.11	1035.40
156.0-157.0	125.8	5.5	53017.8	0.11	1035.50
157.0-158.0	126.7	5.3	53023.1	0.10	1035.61
158.0-159.0	127.6	5.1	53028.2	0.10	1035.71
159.0-160.0	128.4	4.9	53033.2	0.10	1035.80
160.0-161.0	129.2	4.7	53037.9	0.09	1035.90
161.0-162.0	130.1	4.5	53042.4	0.09	1035.99
162.0-163.0	131.1	4.3	53046.8	0.08	1036.07
163.0-164.0	131.9	4.1	53050.9	0.08	1036.15
164.0-165.0	132.7	3.9	53054.8	0.08	1036.23
165.0-166.0	133.5	3.7	53058.4	0.07	1036.30
166.0-167.0	134.3	3.4	53061.9	0.07	1036.36
167.0-168.0	135.0	3.2	53065.1	0.06	1036.43
168.0-169.0	135.7	3.0	53068.0	0.06	1036.49
169.0-170.0	136.5	2.7	53070.8	0.05	1036.54
170.0-171.0	137.3	2.5	53073.2	0.05	1036.59
171.0-172.0	137.9	2.2	53075.5	0.04	1036.63
172.0-173.0	138.5	2.0	53077.5	0.04	1036.67
173.0-174.0	138.9	1.7	53079.2	0.03	1036.70
174.0-175.0	139.4	1.5	53080.7	0.03	1036.73
175.0-176.0	139.8	1.2	53081.9	0.02	1036.75
176.0-177.0	140.1	0.9	53082.8	0.02	1036.77
177.0-178.0	140.4	0.7	53083.5	0.01	1036.79
178.0-179.0	140.7	0.4	53083.9	0.01	1036.79
179.0-180.0	140.8	0.1	53084.0	0.00	1036.80

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	20913.2	20897.6	20865.7	20853.9	20880.3	20944.0	20913.2	20897.6	20865.7	20853.9
G1.0	20894.9	20880.8	20859.3	20864.1	20905.7	20967.7	20920.2	20902.9	20860.9	20833.3
G2.0	20866.3	20854.9	20843.1	20864.7	20919.1	20981.2	20917.5	20898.1	20846.8	20803.1
G3.0	20826.9	20815.0	20816.1	20854.4	20922.9	20984.4	20904.0	20883.0	20823.1	20763.2
G4.0	20777.3	20769.7	20780.5	20835.0	20916.4	20977.4	20878.7	20857.6	20788.0	20711.4
G5.0	20717.4	20711.4	20731.9	20805.3	20899.7	20959.6	20843.6	20821.5	20743.8	20653.2
G6.0	20646.7	20642.9	20676.4	20764.8	20873.8	20931.6	20797.2	20773.5	20689.3	20583.6
G7.0	20565.2	20563.6	20611.1	20716.8	20837.1	20892.2	20740.0	20717.9	20625.1	20499.9
G8.0	20476.2	20472.4	20534.5	20655.3	20790.2	20843.6	20674.7	20648.8	20548.5	20412.0
G9.0	20371.5	20375.3	20447.6	20587.3	20733.0	20782.6	20597.6	20573.3	20463.3	20312.7
G10.0	20262.6	20268.5	20351.0	20510.2	20665.6	20714.1	20509.1	20483.2	20368.3	20200.5
G11.0	20137.9	20152.5	20247.4	20416.8	20587.9	20631.6	20410.4	20387.2	20261.5	20085.1
G12.0	20008.4	20021.4	20134.1	20321.9	20500.5	20543.1	20299.8	20279.8	20150.3	19953.9
G13.0	19863.8	19878.9	20002.5	20208.6	20401.2	20444.9	20183.8	20159.0	20027.3	19820.7
G14.0	19713.3	19734.9	19870.3	20095.3	20298.7	20334.3	20055.4	20031.6	19888.7	19672.9
G15.0	19552.6	19577.9	19726.8	19965.3	20179.5	20211.8	19910.8	19890.8	19749.5	19516.9
G16.0	19386.9	19413.9	19576.8	19831.5	20056.4	20085.1	19766.2	19740.3	19597.3	19352.9
G17.0	19210.0	19233.7	19411.7	19683.7	19919.4	19943.7	19607.6	19581.7	19431.7	19175.4
G18.0	19023.8	19054.0	19246.1	19531.0	19776.4	19795.3	19435.5	19418.2	19264.4	18997.9
G19.0	18824.2	18858.7	19060.5	19368.6	19623.2	19637.3	19261.2	19237.5	19089.1	18802.1
G20.0	18625.7	18662.9	18871.1	19201.3	19461.4	19470.0	19074.0	19055.1	18900.3	18607.3
G21.0	18409.3	18455.2	18672.6	19014.7	19292.0	19290.9	18883.0	18862.0	18696.3	18400.7
G22.0	18181.1	18235.1	18478.9	18831.8	19109.6	19108.0	18670.4	18656.9	18501.0	18184.3
G23.0	17961.0	18009.0	18260.4	18627.8	18922.9	18912.7	18458.9	18446.0	18280.9	17962.1
G24.0	17722.5	17783.5	18047.8	18423.9	18723.3	18707.7	18242.1	18227.0	18060.8	17732.8
G25.0	17486.8	17540.2	17810.4	18216.7	18518.8	18502.7	18002.5	18004.7	17836.9	17497.5
G26.0	17232.6	17299.0	17582.8	17992.3	18305.7	18287.9	17768.9	17774.3	17601.1	17253.1
G27.0	16976.9	17040.6	17341.6	17765.7	18090.5	18066.2	17522.9	17521.8	17346.5	17001.7
G28.0	16720.6	16785.9	17095.1	17541.8	17857.4	17823.4	17275.8	17274.7	17106.4	16751.9
G29.0	16452.5	16515.1	16834.5	17296.3	17622.7	17588.7	17015.8	17016.8	16850.7	16486.5
G30.0	16178.4	16244.8	16581.4	17036.8	17382.1	17342.2	16743.8	16758.9	16594.4	16220.0
G31.0	15901.7	15972.3	16318.2	16795.6	17134.4	17089.1	16471.9	16480.0	16321.9	15952.9
G32.0	15613.5	15693.4	16034.9	16533.4	16881.4	16824.2	16198.9	16211.3	16042.5	15669.1
G33.0	15334.1	15409.1	15778.6	16268.0	16620.8	16558.2	15904.3	15930.3	15769.5	15386.4
G34.0	15028.2	15118.3	15484.1	15998.2	16360.8	16286.9	15628.7	15649.7	15493.2	15103.7
G35.0	14753.0	14821.5	15210.0	15734.4	16082.4	16014.4	15329.8	15358.9	15203.0	14798.3
G36.0	14445.0	14521.6	14905.7	15440.4	15809.4	15724.2	15038.4	15070.8	14910.6	14521.0

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 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	14147.2	14227.0	14623.0	15168.5	15532.1	15444.1	14733.6	14755.7	14604.1	14214.6
G38.0	13846.1	13916.8	14324.1	14877.7	15246.1	15151.2	14430.9	14461.2	14310.1	13909.8
G39.0	13538.0	13619.0	14031.7	14585.2	14961.3	14863.6	14113.7	14155.2	13999.9	13599.0
G40.0	13221.9	13309.3	13719.9	14288.0	14666.7	14564.2	13803.5	13853.7	13700.4	13292.0
G41.0	12910.6	13005.0	13416.1	13995.5	14367.8	14263.2	13498.1	13534.8	13392.4	12987.7
G42.0	12599.3	12684.5	13108.0	13687.0	14053.3	13948.1	13174.4	13218.7	13080.5	12682.9
G43.0	12284.2	12375.4	12804.3	13382.1	13761.4	13645.9	12861.0	12893.9	12766.0	12360.8
G44.0	11967.0	12058.7	12483.8	13072.4	13451.2	13333.0	12537.2	12587.4	12448.2	12050.1
G45.0	11655.1	11748.5	12175.2	12764.9	13147.4	13024.4	12215.2	12260.5	12136.9	11727.4
G46.0	11337.4	11429.1	11859.1	12452.0	12825.9	12708.3	11893.6	11952.4	11811.0	11415.0
G47.0	11026.1	11117.2	11546.2	12142.3	12517.8	12395.9	11574.8	11624.4	11491.7	11095.1
G48.0	10715.8	10798.4	11229.5	11827.8	12201.7	12076.5	11244.6	11302.8	11178.2	10770.3
G49.0	10391.6	10486.5	10917.1	11524.0	11891.4	11764.7	10923.5	10973.2	10851.8	10452.6
G50.0	10083.5	10162.8	10593.4	11192.8	11566.7	11439.3	10592.8	10657.6	10531.9	10140.2
G51.0	9770.1	9845.1	10284.8	10884.2	11262.9	11129.7	10283.2	10327.9	10216.3	9821.3
G52.0	9455.5	9530.5	9959.4	10565.8	10934.9	10809.7	9959.4	10013.4	9903.9	9502.5
G53.0	9148.0	9212.8	9654.6	10251.3	10615.0	10486.5	9635.2	9689.1	9567.8	9183.1
G54.0	8834.0	8912.2	9336.3	9931.9	10292.9	10172.5	9314.2	9382.7	9260.8	8872.9
G55.0	8536.2	8604.7	9026.1	9610.9	9986.4	9859.6	8991.5	9046.6	8934.4	8549.2
G56.0	8219.0	8290.7	8708.3	9300.2	9665.4	9540.2	8678.1	8734.7	8629.0	8241.1
G57.0	7909.8	7987.5	8400.2	8989.4	9346.0	9228.4	8349.5	8419.1	8300.4	7922.2
G58.0	7610.9	7670.8	8079.8	8679.2	9034.7	8911.2	8048.5	8110.5	8001.0	7619.0
G59.0	7313.7	7371.4	7784.1	8371.1	8719.6	8604.7	7728.5	7782.5	7675.7	7304.5
G60.0	7004.5	7059.5	7466.3	8043.1	8395.4	8284.3	7424.3	7477.1	7370.9	7011.5
G61.0	6712.6	6770.4	7157.2	7736.6	8101.9	7974.0	7106.5	7167.5	7069.8	6697.5
G62.0	6419.1	6467.7	6855.1	7422.6	7785.2	7659.5	6806.0	6858.9	6754.7	6395.4
G63.0	6120.8	6174.2	6561.6	7117.3	7469.6	7354.1	6509.2	6566.4	6449.9	6099.8
G64.0	5833.2	5884.0	6255.7	6805.4	7156.7	7053.6	6205.0	6249.2	6144.0	5797.1
G65.0	5540.8	5589.9	5960.6	6520.0	6861.0	6761.2	5899.0	5955.7	5851.6	5507.9
G66.0	5260.3	5298.6	5656.3	6201.7	6554.0	6460.1	5602.9	5659.0	5555.9	5211.2
G67.0	4972.2	5011.0	5369.3	5907.1	6250.3	6159.1	5312.1	5373.0	5263.5	4930.6
G68.0	4706.2	4733.2	5084.4	5615.8	5958.4	5870.5	5031.0	5075.8	4972.7	4647.9
G69.0	4430.5	4459.6	4803.8	5328.3	5660.6	5572.1	4739.1	4789.3	4685.7	4367.9
G70.0	4163.4	4182.9	4513.0	5029.4	5372.5	5282.4	4455.9	4506.0	4403.0	4085.2
G71.0	3893.1	3914.7	4237.4	4753.7	5079.5	4999.7	4183.4	4231.4	4128.9	3818.1
G72.0	3626.6	3645.0	3959.0	4461.3	4788.7	4720.8	3908.8	3955.7	3848.4	3549.5
G73.0	3365.5	3384.4	3685.4	4179.1	4504.4	4439.1	3637.9	3687.0	3581.8	3292.1

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	3115.7	3118.4	3417.3	3902.9	4229.3	4168.8	3373.1	3412.4	3309.4	3034.2
G75.0	2865.9	2864.3	3154.0	3631.5	3946.6	3897.4	3119.5	3152.4	3056.4	2782.3
G76.0	2622.6	2621.0	2897.2	3370.9	3688.1	3629.3	2863.2	2899.9	2801.2	2536.3
G77.0	2377.6	2372.8	2645.8	3104.9	3415.7	3355.2	2616.1	2648.5	2555.1	2299.4
G78.0	2150.0	2142.4	2399.2	2849.2	3148.6	3108.7	2366.9	2397.1	2303.7	2057.7
G79.0	1916.9	1906.1	2158.1	2592.9	2892.3	2852.4	2133.8	2156.4	2062.0	1828.4
G80.0	1700.0	1679.0	1921.8	2353.4	2639.8	2608.6	1895.8	1920.1	1830.0	1602.4
G81.0	1477.2	1454.5	1690.3	2113.3	2391.7	2353.4	1679.0	1701.1	1605.6	1396.8
G82.0	1268.4	1245.2	1465.3	1879.7	2147.8	2119.8	1452.4	1476.7	1383.8	1169.1
G83.0	1063.4	1038.0	1240.9	1647.1	1912.0	1889.9	1237.7	1259.8	1167.5	967.3
G84.0	864.3	834.1	1029.9	1428.6	1674.7	1660.1	1035.3	1049.4	953.3	772.6
G85.0	671.7	637.2	824.4	1208.0	1454.0	1436.7	836.8	852.4	753.7	580.0
G86.0	486.6	455.4	626.4	999.2	1228.5	1227.4	644.7	668.5	557.9	391.7
G87.0	313.5	287.6	430.0	791.5	1011.0	1014.8	462.4	487.2	386.3	221.7
G88.0	160.2	137.0	260.0	596.7	806.6	811.4	293.0	318.9	224.4	68.0
G89.0	48.0	42.6	112.8	407.3	602.6	623.1	136.0	166.2	89.6	40.5
G90.0	36.7	38.8	43.2	218.0	407.9	447.3	33.5	50.7	40.5	42.1
G91.0	38.3	39.9	41.0	64.2	240.6	277.9	32.4	36.2	40.5	43.7
G92.0	39.9	41.0	42.1	40.5	96.6	120.3	33.5	36.7	41.5	45.9
G93.0	41.5	42.6	43.2	41.5	41.0	39.9	35.1	37.8	42.6	46.9
G94.0	42.6	43.7	44.8	43.2	41.0	38.8	36.7	39.4	44.2	49.1
G95.0	44.8	45.3	45.9	44.8	42.1	40.5	37.8	41.0	45.9	50.7
G96.0	45.9	46.9	47.5	46.4	43.2	41.5	39.4	42.1	47.5	52.3
G97.0	48.0	48.6	49.1	48.0	44.8	42.6	41.0	43.7	49.1	53.4
G98.0	49.6	50.2	50.7	49.6	46.4	44.2	42.6	45.3	50.7	55.0
G99.0	51.3	51.8	52.3	51.3	48.0	45.9	44.2	46.9	52.3	56.7
G100.0	52.9	53.4	54.0	52.9	49.6	47.5	45.9	48.6	53.4	58.3
G101.0	55.0	55.0	55.6	54.5	51.3	49.1	47.5	50.2	55.0	59.9
G102.0	56.7	56.7	56.7	55.6	52.9	50.7	49.1	51.8	56.7	61.0
G103.0	58.3	58.3	58.3	57.2	54.0	52.3	50.7	53.4	57.7	62.6
G104.0	59.9	59.9	59.9	58.8	55.6	54.0	51.8	55.0	59.3	64.2
G105.0	61.5	61.5	61.0	59.9	57.2	55.6	53.4	56.1	61.0	65.3
G106.0	63.1	63.1	62.6	61.5	58.3	57.2	55.0	57.7	62.0	66.4
G107.0	64.7	64.7	64.2	63.1	59.9	58.8	56.7	59.3	63.7	68.0
G108.0	66.4	66.4	65.3	64.2	61.5	60.4	58.3	60.4	64.7	69.6
G109.0	68.0	67.4	66.9	65.8	62.6	62.0	59.3	62.0	66.4	70.7
G110.0	69.6	69.1	68.5	67.4	64.2	63.7	61.0	63.1	67.4	71.8

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:

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	71.2	70.1	69.6	68.5	65.8	64.7	62.6	64.7	69.1	73.4
G112.0	72.3	71.8	70.7	70.1	66.9	66.4	63.7	65.8	70.1	74.4
G113.0	73.9	73.4	72.3	71.2	68.5	68.0	65.3	67.4	71.2	75.5
G114.0	75.5	74.4	73.4	72.8	69.6	69.1	66.4	68.5	72.3	77.2
G115.0	76.6	76.1	74.4	73.9	70.7	70.7	68.0	70.1	73.4	78.2
G116.0	78.2	77.7	75.5	75.0	72.3	72.3	69.1	71.2	74.4	79.3
G117.0	79.3	78.8	77.2	76.6	73.4	73.4	70.7	72.8	76.1	80.9
G118.0	80.9	80.4	78.2	77.7	74.4	75.0	72.3	74.4	76.6	82.0
G119.0	82.6	82.0	79.3	79.3	76.1	76.6	73.4	75.5	78.2	83.1
G120.0	84.2	83.1	80.4	80.4	77.2	77.7	75.0	77.2	79.3	84.7
G121.0	85.8	84.7	82.0	81.5	78.2	79.3	76.6	78.2	80.4	85.8
G122.0	86.9	86.3	83.1	83.1	79.3	80.9	77.7	79.3	82.0	87.4
G123.0	88.5	87.4	84.2	84.2	80.9	82.6	79.3	80.9	83.1	89.0
G124.0	90.1	88.5	85.8	85.8	82.0	83.6	80.9	82.0	84.2	90.1
G125.0	91.7	89.6	86.9	86.9	83.1	84.7	82.0	83.1	85.8	91.7
G126.0	92.8	91.2	88.5	88.5	84.7	86.3	83.1	84.7	87.4	93.3
G127.0	93.9	92.3	89.6	89.6	85.8	87.4	84.2	85.8	89.0	94.4
G128.0	94.9	93.3	91.2	91.2	87.4	88.5	85.8	86.9	90.1	96.0
G129.0	96.0	94.4	92.3	92.3	88.5	90.1	86.9	88.5	91.7	97.1
G130.0	97.7	96.0	93.9	93.9	90.1	91.2	87.9	90.1	93.3	98.7
G131.0	98.7	97.1	94.9	94.9	91.2	92.8	89.0	91.2	94.9	100.3
G132.0	99.8	98.2	96.6	96.6	92.8	93.9	90.6	92.8	96.6	102.0
G133.0	100.9	99.8	97.7	97.7	94.4	95.5	91.7	94.4	97.7	103.1
G134.0	102.0	100.9	99.3	98.7	95.5	97.1	92.8	95.5	99.3	104.7
G135.0	103.1	102.0	100.3	100.3	97.1	98.2	93.9	97.1	100.9	105.7
G136.0	104.1	103.1	102.0	101.4	98.7	99.8	95.5	98.7	102.0	107.4
G137.0	105.7	104.7	103.1	103.1	99.8	100.9	96.6	99.8	103.6	108.4
G138.0	106.8	105.7	104.7	104.1	101.4	102.5	98.2	101.4	105.2	110.1
G139.0	107.9	106.8	105.7	105.2	103.1	104.1	99.3	103.1	106.3	111.1
G140.0	109.0	107.9	106.8	106.8	104.1	105.2	100.9	104.1	107.9	112.2
G141.0	110.6	109.0	107.9	107.9	105.7	106.3	102.5	105.7	109.0	113.8
G142.0	112.2	110.6	109.5	109.0	106.8	107.9	104.1	106.8	110.1	114.9
G143.0	113.3	111.1	110.6	110.1	108.4	109.0	105.7	108.4	111.7	116.0
G144.0	114.9	112.8	112.2	111.1	109.5	110.6	107.4	109.5	112.8	117.1
G145.0	116.5	113.8	113.3	112.8	110.6	111.7	109.0	111.1	113.8	118.2
G146.0	117.6	114.9	114.4	113.8	111.7	112.8	110.6	112.2	114.9	119.2
G147.0	119.2	116.0	115.5	114.9	112.8	114.4	111.7	113.8	116.0	120.3

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 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	120.8	117.1	116.5	115.5	113.8	115.5	113.3	114.9	117.1	121.4
G149.0	121.9	118.7	117.6	116.5	114.9	116.5	114.9	116.0	118.2	122.5
G150.0	123.0	119.8	118.7	117.6	116.0	117.6	116.0	117.6	118.7	123.6
G151.0	124.1	120.8	119.2	118.7	117.1	118.7	117.1	118.7	119.8	124.6
G152.0	125.2	121.9	120.3	119.8	118.2	120.3	118.2	119.8	120.8	125.2
G153.0	126.3	123.0	121.4	120.8	119.2	121.4	119.8	120.8	121.9	126.3
G154.0	127.3	123.6	121.9	121.4	120.3	122.5	120.8	121.9	123.0	127.3
G155.0	128.4	124.6	123.0	122.5	120.8	123.6	121.9	123.0	123.6	127.9
G156.0	129.5	125.7	123.6	123.6	121.9	124.6	123.0	124.1	124.6	128.4
G157.0	130.6	126.3	124.6	124.1	123.0	125.2	124.1	125.2	125.2	129.5
G158.0	131.1	127.3	125.7	125.2	124.1	126.8	124.6	126.3	126.3	130.0
G159.0	131.6	127.9	126.3	125.7	124.6	127.3	125.7	127.3	127.3	131.1
G160.0	132.2	128.9	127.3	126.8	125.7	128.4	126.8	127.9	127.9	131.6
G161.0	132.7	129.5	127.9	127.3	126.8	128.9	127.9	128.9	128.9	132.2
G162.0	133.8	130.6	128.9	128.4	127.9	130.0	129.5	130.0	130.0	132.7
G163.0	134.9	131.1	130.0	129.5	128.4	131.1	130.6	130.6	130.6	133.3
G164.0	135.4	132.2	131.1	130.0	129.5	131.6	131.1	131.6	131.6	133.8
G165.0	136.0	132.7	132.2	130.6	130.6	132.7	132.2	132.2	132.2	134.9
G166.0	137.0	133.8	133.3	131.6	131.6	133.3	132.7	133.3	133.3	135.4
G167.0	137.6	134.3	133.8	132.2	132.7	134.3	133.8	134.3	133.8	135.4
G168.0	138.1	135.4	134.3	132.7	133.3	134.9	134.9	135.4	134.3	136.0
G169.0	138.7	136.0	134.9	133.3	133.8	136.0	136.0	136.5	134.9	136.5
G170.0	139.2	137.0	135.4	134.3	134.9	137.0	137.0	137.6	135.4	137.0
G171.0	139.7	138.1	136.5	134.9	135.4	138.1	137.6	138.1	136.0	137.6
G172.0	140.3	138.7	136.5	135.4	136.0	139.2	138.7	138.7	136.5	138.1
G173.0	140.8	139.7	137.0	136.0	136.5	139.7	139.2	138.7	137.0	138.1
G174.0	141.4	140.3	137.6	136.5	137.0	140.3	139.7	139.2	137.6	138.7
G175.0	141.9	140.8	138.1	137.0	137.6	140.8	140.3	139.7	138.1	138.7
G176.0	142.4	141.4	138.1	137.6	138.1	141.4	140.8	140.3	138.1	138.7
G177.0	142.4	141.4	138.1	137.6	138.7	141.4	141.9	140.8	138.1	138.7
G178.0	143.0	141.4	138.7	138.1	139.2	141.9	142.4	140.8	138.7	139.2
G179.0	143.5	141.4	138.7	138.7	139.7	142.4	143.0	141.4	138.7	139.2
G180.0	143.5	141.4	138.7	138.7	139.7	143.0	143.5	141.4	139.2	138.7

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	20880.3	20944.0	20913.2							
G1.0	20846.8	20909.4	20894.9							
G2.0	20802.1	20863.6	20866.3							
G3.0	20748.7	20808.0	20826.9							
G4.0	20682.8	20740.6	20777.3							
G5.0	20606.8	20666.1	20717.4							
G6.0	20522.1	20577.6	20646.7							
G7.0	20427.6	20483.2	20565.2							
G8.0	20324.1	20373.7	20476.2							
G9.0	20210.2	20253.9	20371.5							
G10.0	20085.6	20130.4	20262.6							
G11.0	19952.3	19997.1	20137.9							
G12.0	19807.7	19847.1	20008.4							
G13.0	19659.9	19690.7	19863.8							
G14.0	19492.7	19522.3	19713.3							
G15.0	19322.7	19352.4	19552.6							
G16.0	19144.1	19165.2	19386.9							
G17.0	18961.2	18971.5	19210.0							
G18.0	18765.9	18769.2	19023.8							
G19.0	18559.8	18556.1	18824.2							
G20.0	18347.3	18338.6	18625.7							
G21.0	18127.2	18112.6	18409.3							
G22.0	17896.2	17880.6	18181.1							
G23.0	17661.6	17640.0	17961.0							
G24.0	17425.2	17390.2	17722.5							
G25.0	17170.6	17123.1	17486.8							
G26.0	16913.8	16869.5	17232.6							
G27.0	16651.0	16593.8	16976.9							
G28.0	16387.2	16330.0	16720.6							
G29.0	16109.9	16035.5	16452.5							
G30.0	15830.4	15764.6	16178.4							
G31.0	15541.3	15466.8	15901.7							
G32.0	15259.1	15178.2	15613.5							
G33.0	14965.6	14871.2	15334.1							
G34.0	14667.8	14573.4	15028.2							
G35.0	14366.7	14257.2	14753.0							
G36.0	14060.8	13952.4	14445.0							

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	13751.7	13632.5	14147.2							
G38.0	13448.5	13331.4	13846.1							
G39.0	13130.7	12999.6	13538.0							
G40.0	12819.4	12686.2	13221.9							
G41.0	12504.3	12357.0	12910.6							
G42.0	12195.2	12045.2	12599.3							
G43.0	11875.3	11730.7	12284.2							
G44.0	11560.7	11406.4	11967.0							
G45.0	11225.7	11080.5	11655.1							
G46.0	10911.7	10748.8	11337.4							
G47.0	10582.6	10432.6	11026.1							
G48.0	10275.6	10102.4	10715.8							
G49.0	9949.7	9787.9	10391.6							
G50.0	9637.3	9459.3	10083.5							
G51.0	9310.9	9139.4	9770.1							
G52.0	8991.5	8828.1	9455.5							
G53.0	8679.7	8509.2	9148.0							
G54.0	8366.3	8199.5	8834.0							
G55.0	8050.6	7878.0	8536.2							
G56.0	7742.0	7579.6	8219.0							
G57.0	7427.0	7261.3	7909.8							
G58.0	7124.8	6952.2	7610.9							
G59.0	6819.5	6655.5	7313.7							
G60.0	6514.6	6348.5	7004.5							
G61.0	6211.4	6046.9	6712.6							
G62.0	5912.5	5754.5	6419.1							
G63.0	5615.3	5458.8	6120.8							
G64.0	5328.3	5171.8	5833.2							
G65.0	5038.5	4877.2	5540.8							
G66.0	4760.1	4592.9	5260.3							
G67.0	4472.6	4311.3	4972.2							
G68.0	4201.2	4034.5	4706.2							
G69.0	3920.6	3768.5	4430.5							
G70.0	3649.8	3487.4	4163.4							
G71.0	3382.8	3224.7	3893.1							
G72.0	3121.6	2971.6	3626.6							
G73.0	2868.6	2728.3	3365.5							

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	2616.1	2470.4	3115.7							
G75.0	2374.9	2234.7	2865.9							
G76.0	2123.0	1997.8	2622.6							
G77.0	1893.2	1768.0	2377.6							
G78.0	1662.2	1541.4	2150.0							
G79.0	1439.4	1323.4	1916.9							
G80.0	1222.0	1111.9	1700.0							
G81.0	1013.8	905.8	1477.2							
G82.0	806.6	710.0	1268.4							
G83.0	607.5	528.7	1063.4							
G84.0	434.3	352.3	864.3							
G85.0	266.0	193.1	671.7							
G86.0	117.6	64.2	486.6							
G87.0	41.0	35.6	313.5							
G88.0	39.9	36.2	160.2							
G89.0	41.0	37.2	48.0							
G90.0	42.6	38.8	36.7							
G91.0	44.2	39.9	38.3							
G92.0	45.9	41.5	39.9							
G93.0	47.5	43.2	41.5							
G94.0	49.1	44.8	42.6							
G95.0	50.7	46.4	44.8							
G96.0	52.3	48.0	45.9							
G97.0	54.0	49.6	48.0							
G98.0	55.0	51.3	49.6							
G99.0	56.7	52.9	51.3							
G100.0	58.3	54.5	52.9							
G101.0	59.3	56.1	55.0							
G102.0	61.0	57.7	56.7							
G103.0	62.0	58.8	58.3							
G104.0	63.7	60.4	59.9							
G105.0	65.3	62.0	61.5							
G106.0	66.4	63.1	63.1							
G107.0	68.0	64.7	64.7							
G108.0	69.1	65.8	66.4							
G109.0	70.1	67.4	68.0							
G110.0	71.8	68.5	69.6							

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 8)

Unit: cd

G\c	C300.0	C330.0	C360.0							
G111.0	72.8	70.1	71.2							
G112.0	73.9	71.2	72.3							
G113.0	75.0	72.8	73.9							
G114.0	76.1	74.4	75.5							
G115.0	77.7	75.5	76.6							
G116.0	78.8	77.2	78.2							
G117.0	79.8	78.8	79.3							
G118.0	80.9	79.8	80.9							
G119.0	82.6	80.9	82.6							
G120.0	83.6	82.6	84.2							
G121.0	85.2	83.6	85.8							
G122.0	86.3	84.7	86.9							
G123.0	87.9	85.8	88.5							
G124.0	89.0	87.4	90.1							
G125.0	90.6	88.5	91.7							
G126.0	91.7	89.6	92.8							
G127.0	93.3	91.2	93.9							
G128.0	94.9	92.3	94.9							
G129.0	96.6	93.3	96.0							
G130.0	97.7	94.9	97.7							
G131.0	99.3	96.0	98.7							
G132.0	100.9	97.7	99.8							
G133.0	102.5	98.7	100.9							
G134.0	104.1	99.8	102.0							
G135.0	105.2	101.4	103.1							
G136.0	106.8	102.5	104.1							
G137.0	107.9	104.1	105.7							
G138.0	109.5	105.2	106.8							
G139.0	110.6	106.3	107.9							
G140.0	112.2	107.9	109.0							
G141.0	113.8	109.0	110.6							
G142.0	114.9	110.1	112.2							
G143.0	116.0	111.1	113.3							
G144.0	117.1	112.8	114.9							
G145.0	118.2	113.8	116.5							
G146.0	119.8	115.5	117.6							
G147.0	120.8	116.5	119.2							

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 9)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G148.0	121.4	118.2	120.8							
G149.0	122.5	119.2	121.9							
G150.0	123.6	120.3	123.0							
G151.0	124.1	121.9	124.1							
G152.0	125.2	122.5	125.2							
G153.0	126.3	123.6	126.3							
G154.0	126.8	124.6	127.3							
G155.0	127.9	125.7	128.4							
G156.0	128.4	126.8	129.5							
G157.0	129.5	127.9	130.6							
G158.0	130.0	128.9	131.1							
G159.0	131.1	130.0	131.6							
G160.0	132.2	130.6	132.2							
G161.0	132.7	131.6	132.7							
G162.0	133.8	132.2	133.8							
G163.0	134.9	133.3	134.9							
G164.0	135.4	133.8	135.4							
G165.0	136.5	134.3	136.0							
G166.0	137.0	135.4	137.0							
G167.0	137.6	136.0	137.6							
G168.0	138.1	137.0	138.1							
G169.0	138.7	138.1	138.7							
G170.0	139.2	139.2	139.2							
G171.0	139.2	140.3	139.7							
G172.0	139.7	141.4	140.3							
G173.0	139.7	141.9	140.8							
G174.0	139.7	142.4	141.4							
G175.0	140.3	142.4	141.9							
G176.0	140.3	143.0	142.4							
G177.0	140.3	143.0	142.4							
G178.0	140.3	143.0	143.0							
G179.0	140.3	143.0	143.5							
G180.0	139.7	143.0	143.5							

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: