

Report No.:

Test Time:

Luminaire Property

Luminaire Category: LED STREETLIGHT
Lamp Catalog: SMD
Current: 0.673 A
Power Factor: 0.974

Luminaire Description: SIX007E-150W
Voltage: 229.0 V
Power: 150.19 W

Photometric Results

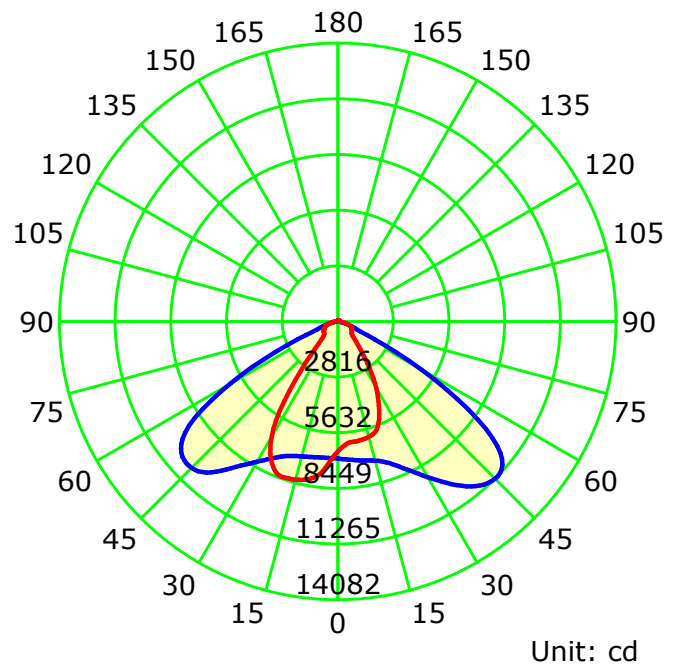
IES Classification: Type I
Total Rated Lamp Lumens: 18114.7 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 6936.4 cd
Pos of Max. Intensity: H0 V46

Longitudinal Classification: Short
Measurement Flux: 18114.7 lm
Downward Ratio: 99%
Luminaire Efficacy Rating (LER): 120.66
Max. Intensity: 11265.86 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

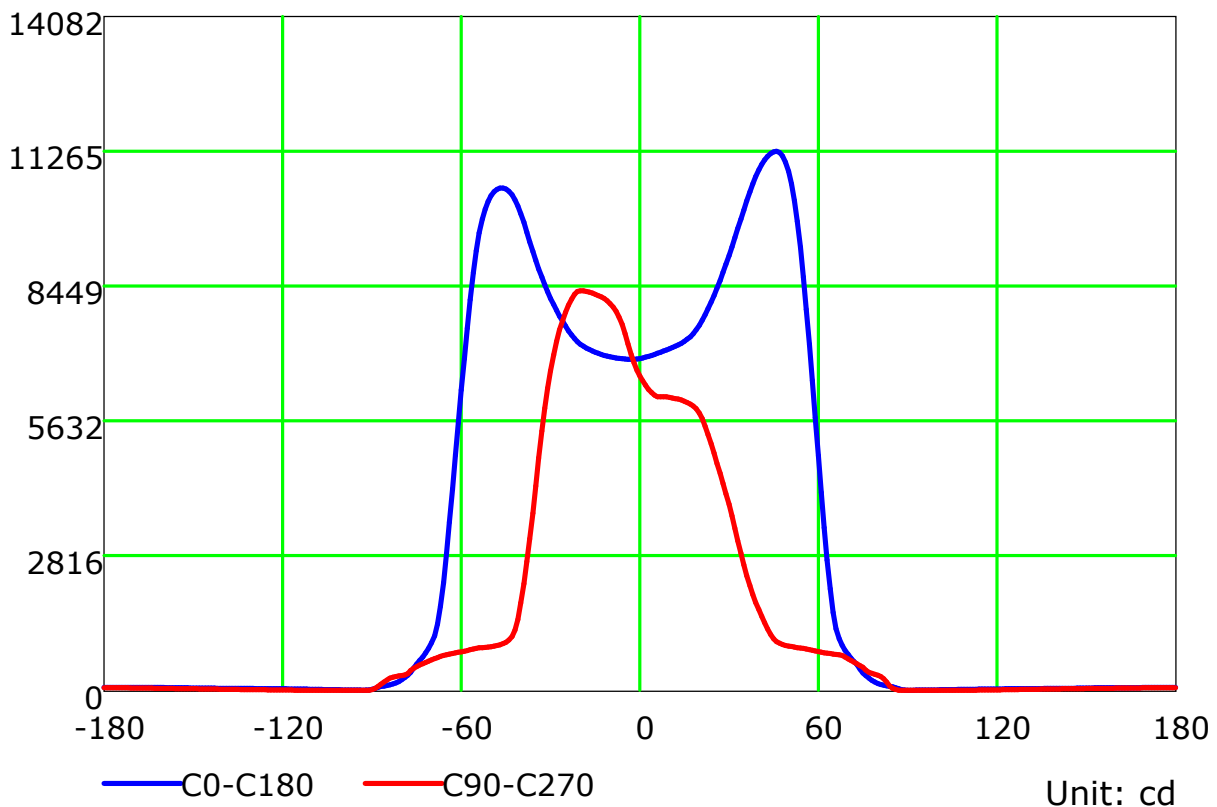
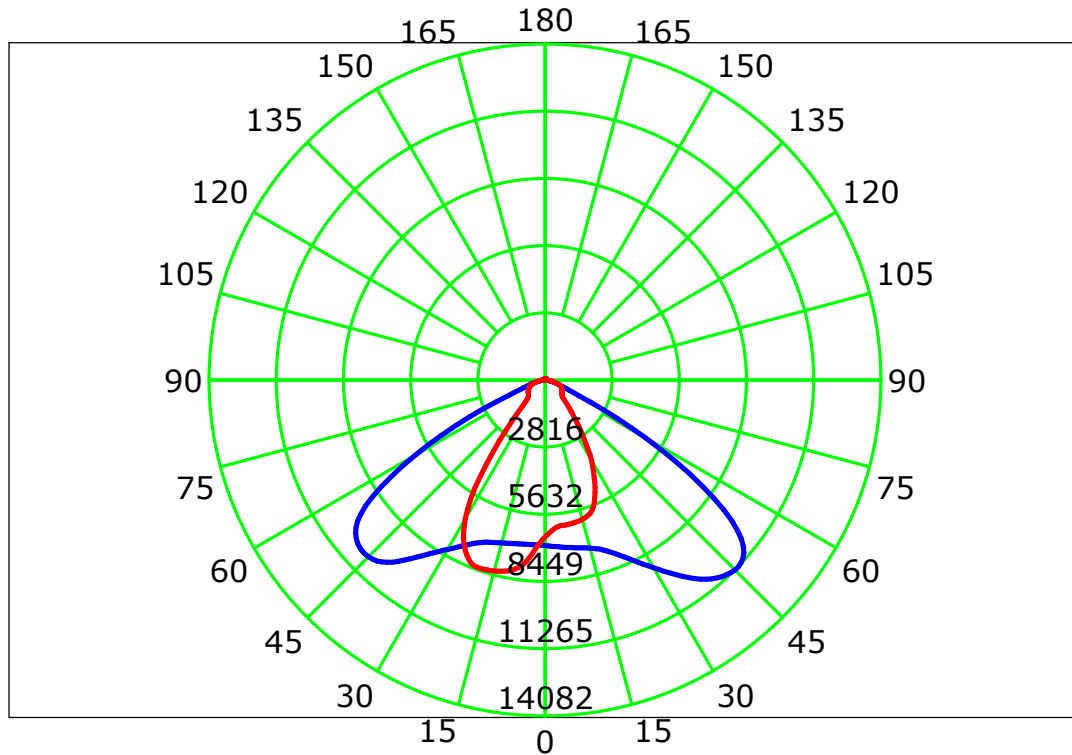
C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve



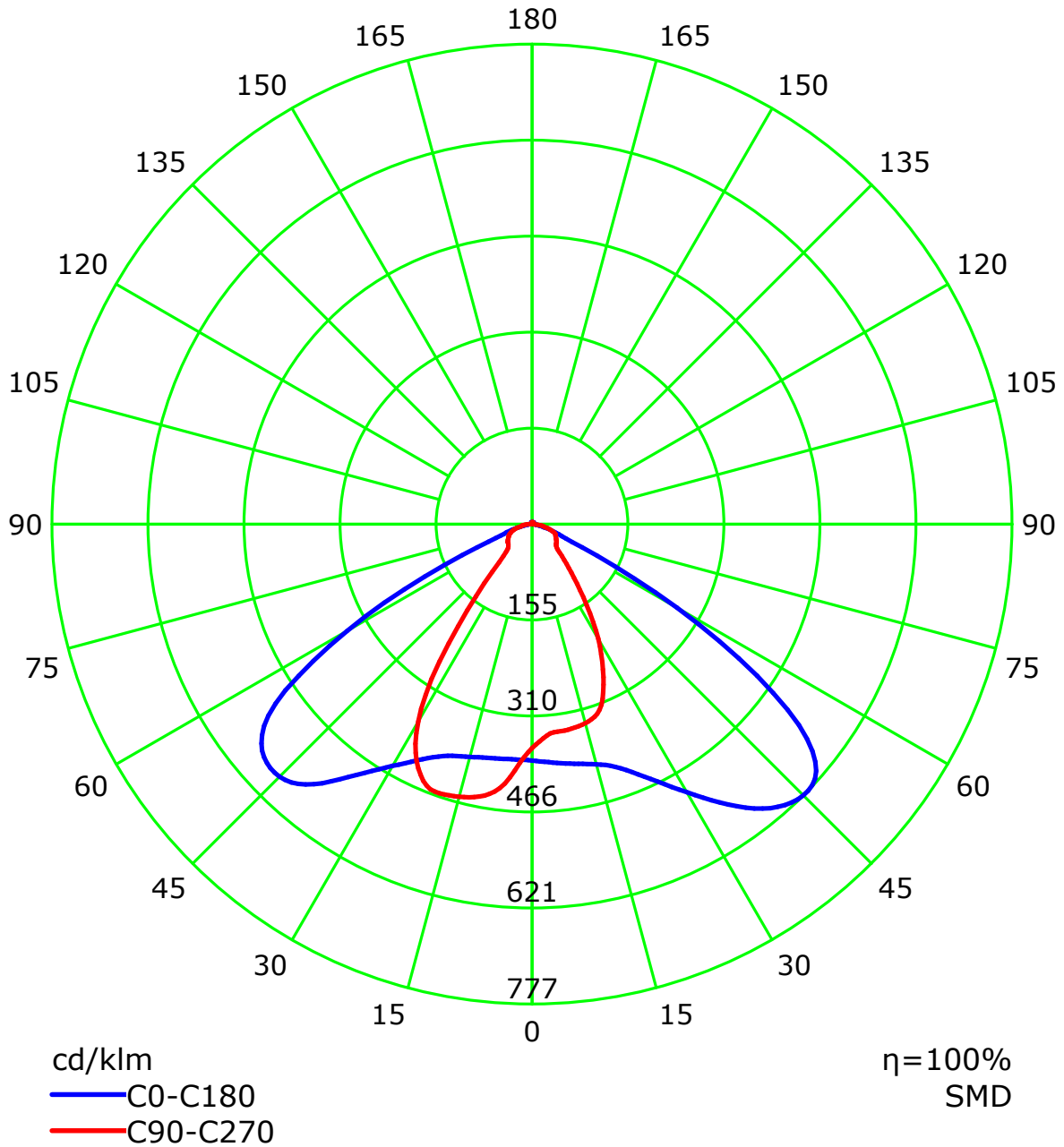
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Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

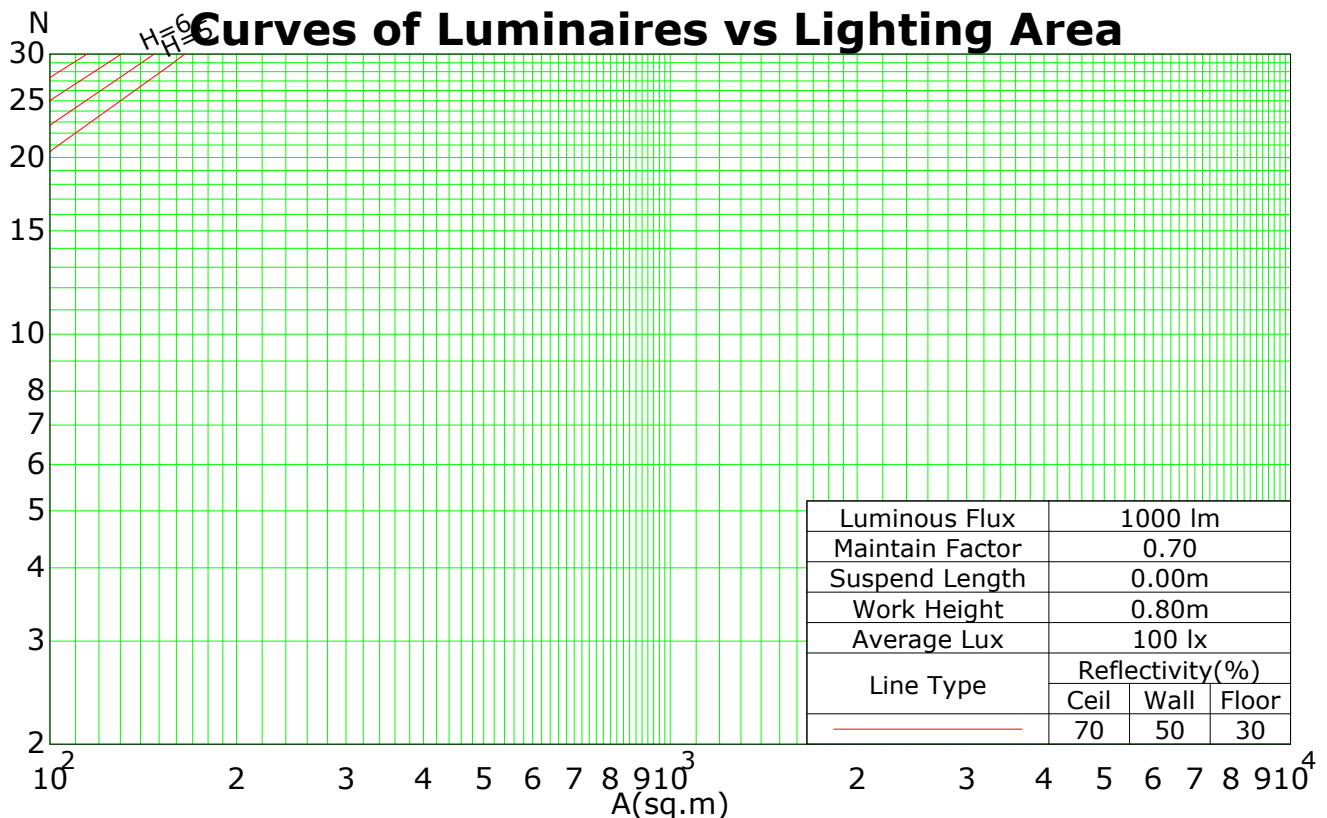
Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	111	107	103	100	108	104	101	98	100	97	95	96	94	92	92	91	89	87
2	102	95	89	84	99	93	88	83	89	85	81	86	82	79	83	80	77	75
3	94	85	78	72	92	83	77	71	80	75	70	77	73	69	75	71	67	65
4	87	76	68	62	84	75	67	62	72	66	61	70	64	60	68	63	59	57
5	80	68	60	54	78	67	60	54	65	58	53	63	57	53	61	56	52	50
6	74	62	54	48	72	61	53	48	59	52	47	58	51	47	56	51	46	44
7	69	56	48	43	67	56	48	42	54	47	42	53	46	42	51	46	41	40
8	64	52	44	38	63	51	43	38	50	43	38	48	42	37	47	41	37	35
9	60	47	40	34	59	47	39	34	46	39	34	45	38	34	44	38	34	32
10	56	44	36	31	55	43	36	31	42	36	31	41	35	31	40	35	31	29

Spacing Criteria (0-180): 2.14
Spacing Criteria (90-270): 1.18
Spacing Criteria (Diagonal): 1.31



C Plane (°):0.0-360.0: 15.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C

Test Device: GPM-1600L

Temperature:

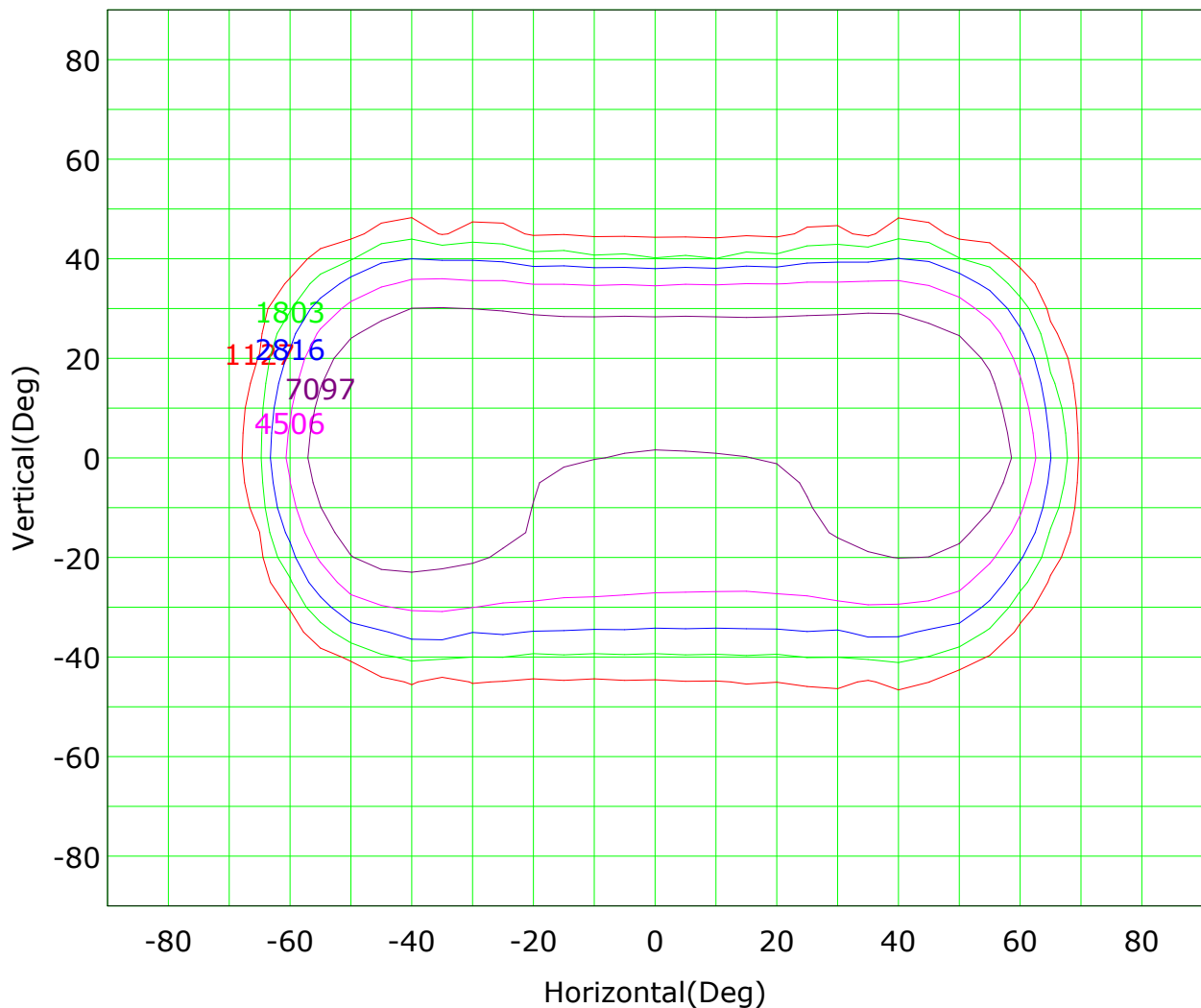
Distance: 6.832 m

Operator:

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 11266 cd

(10%): 1127 cd	(16%): 1803 cd
(25%): 2816 cd	(40%): 4506 cd
(63%): 7097 cd	(100%): 11266 cd

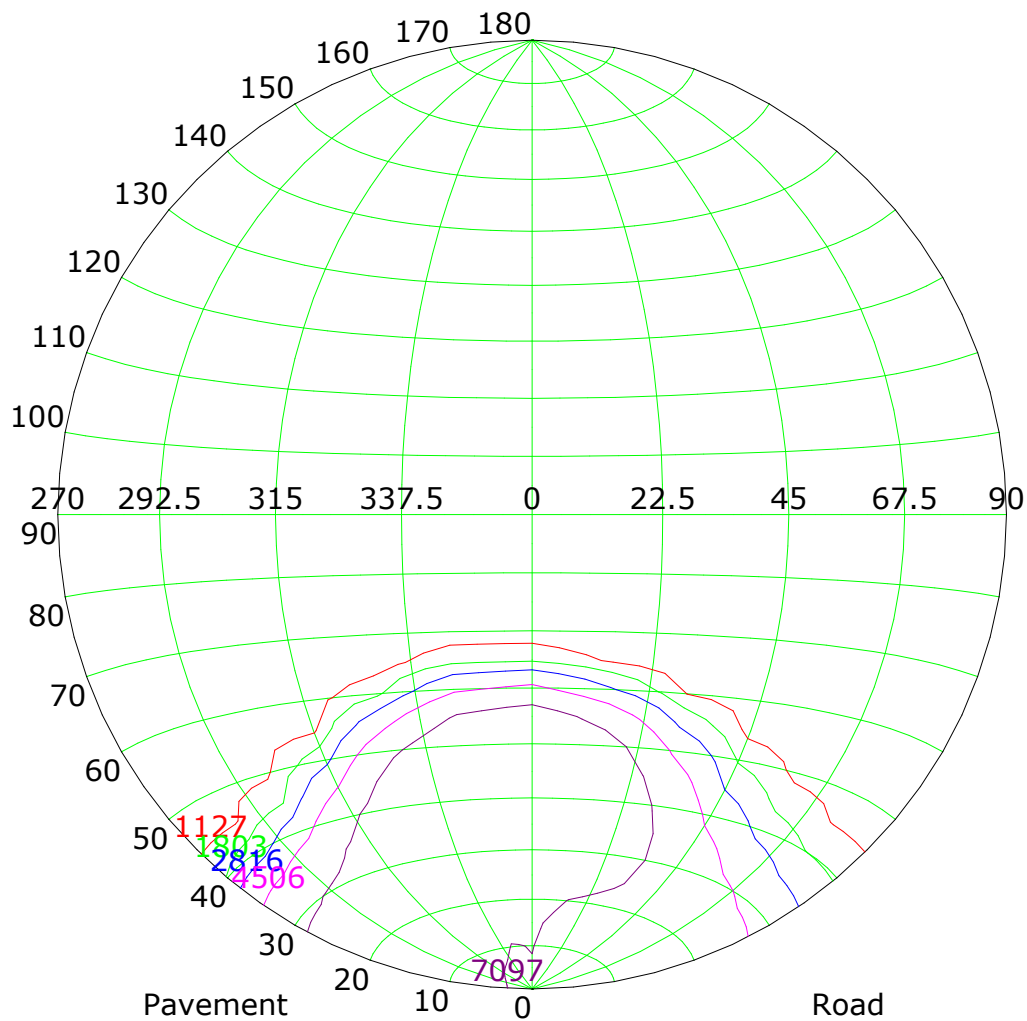
C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 11266 cd

(10%): 1127 cd	(16%): 1803 cd
(25%): 2816 cd	(40%): 4506 cd
(63%): 7097 cd	(100%): 11266 cd

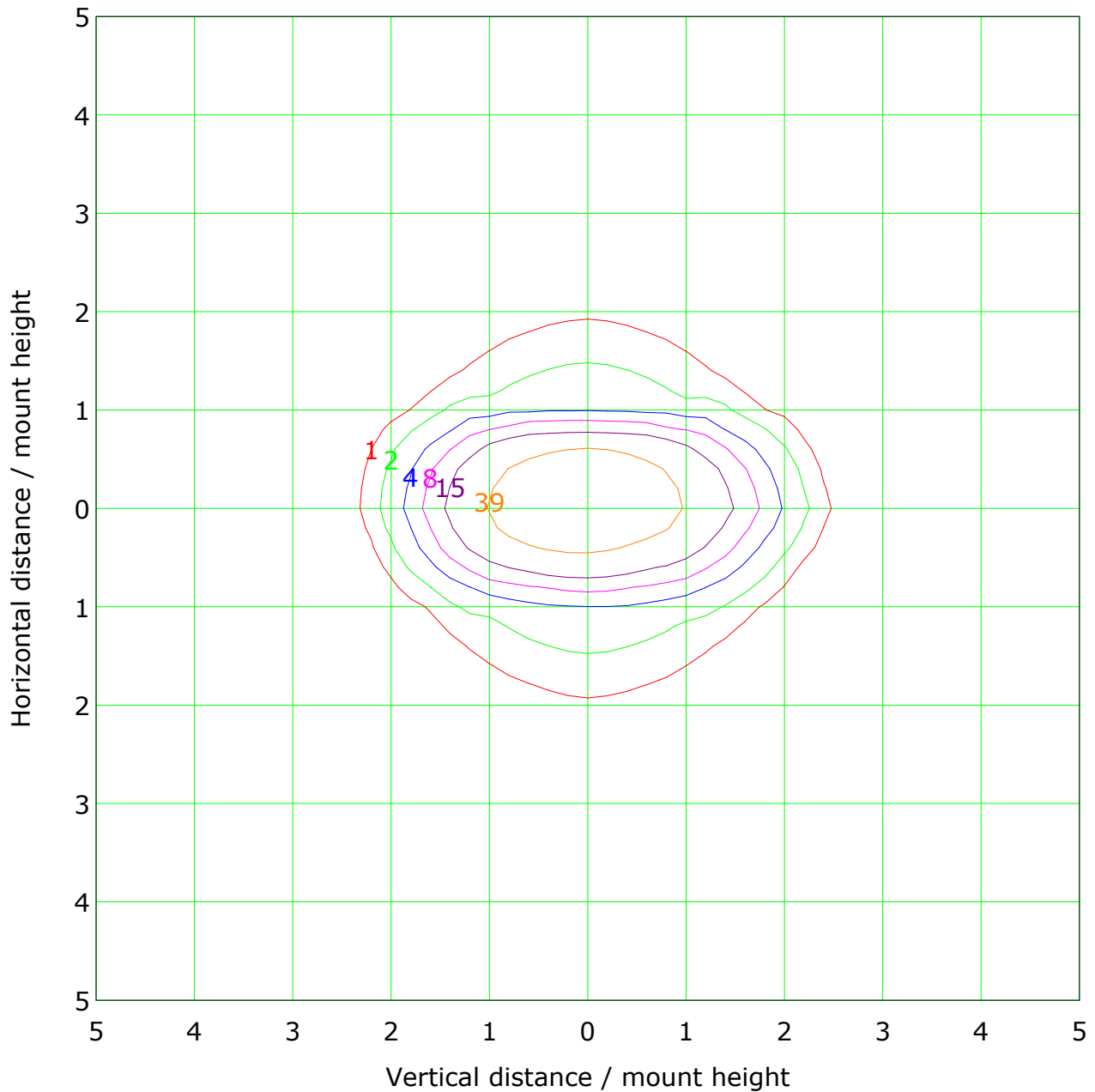
C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 77.2 lx

(1%): 0.8 lx	(2%): 1.5 lx
(5%): 3.9 lx	(10%): 7.7 lx
(20%): 15.4 lx	(50%): 38.6 lx
(100%): 77.2 lx	

C Plane (°):0.0-360.0: 15.0

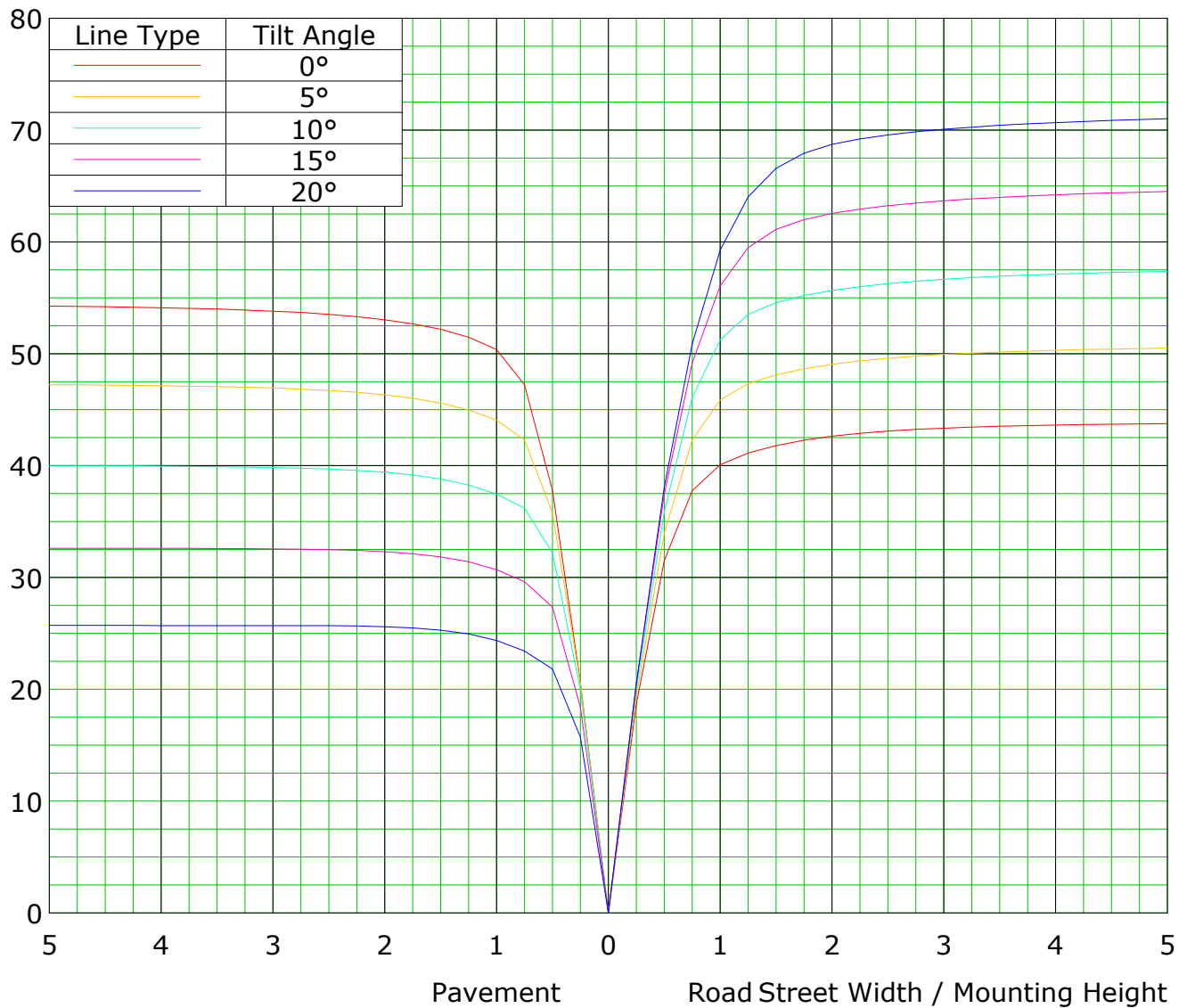
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

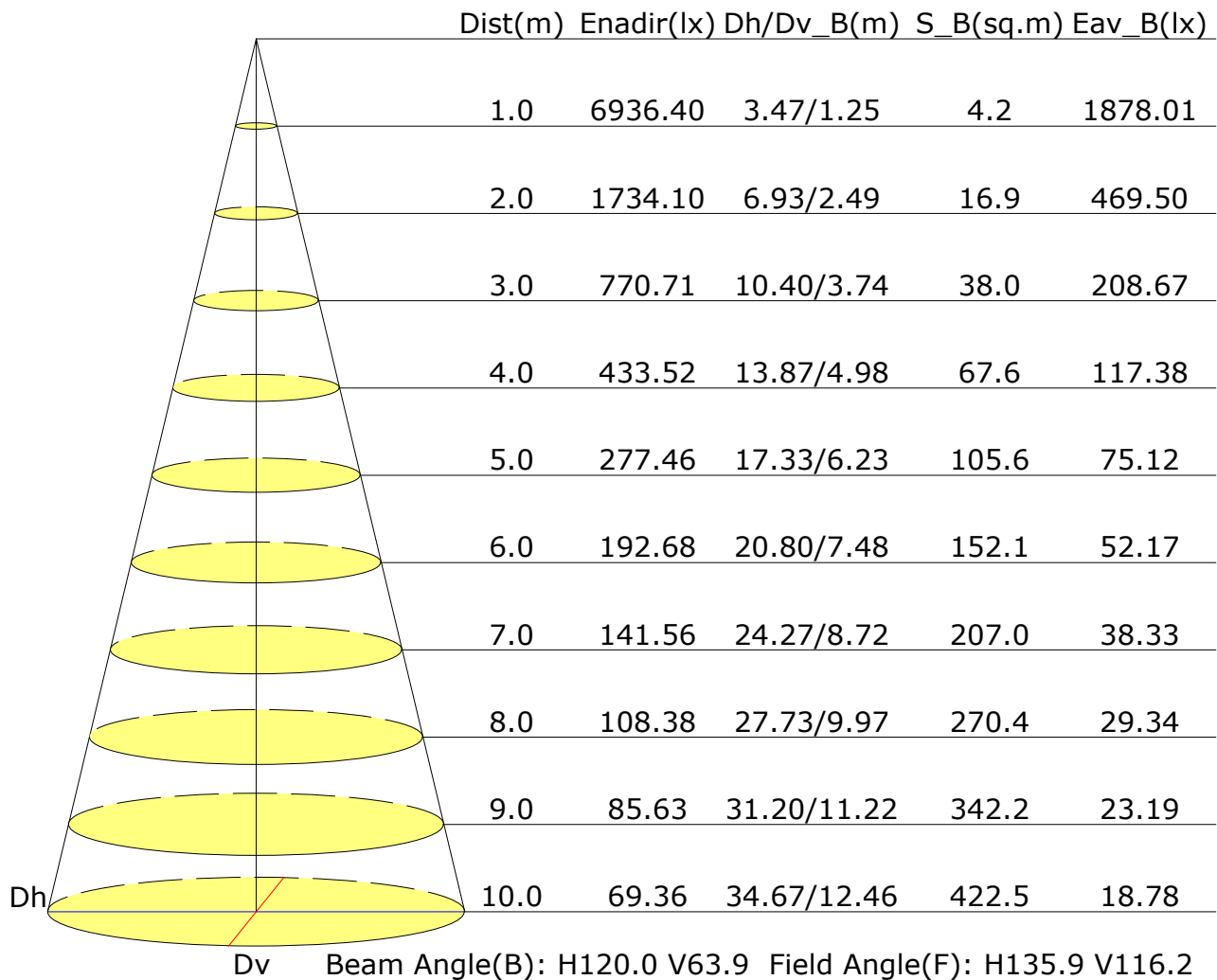
Test Device: GPM-1600L

Distance: 6.832 m

Humidity:

Inspector:

Illuminance at a Distance



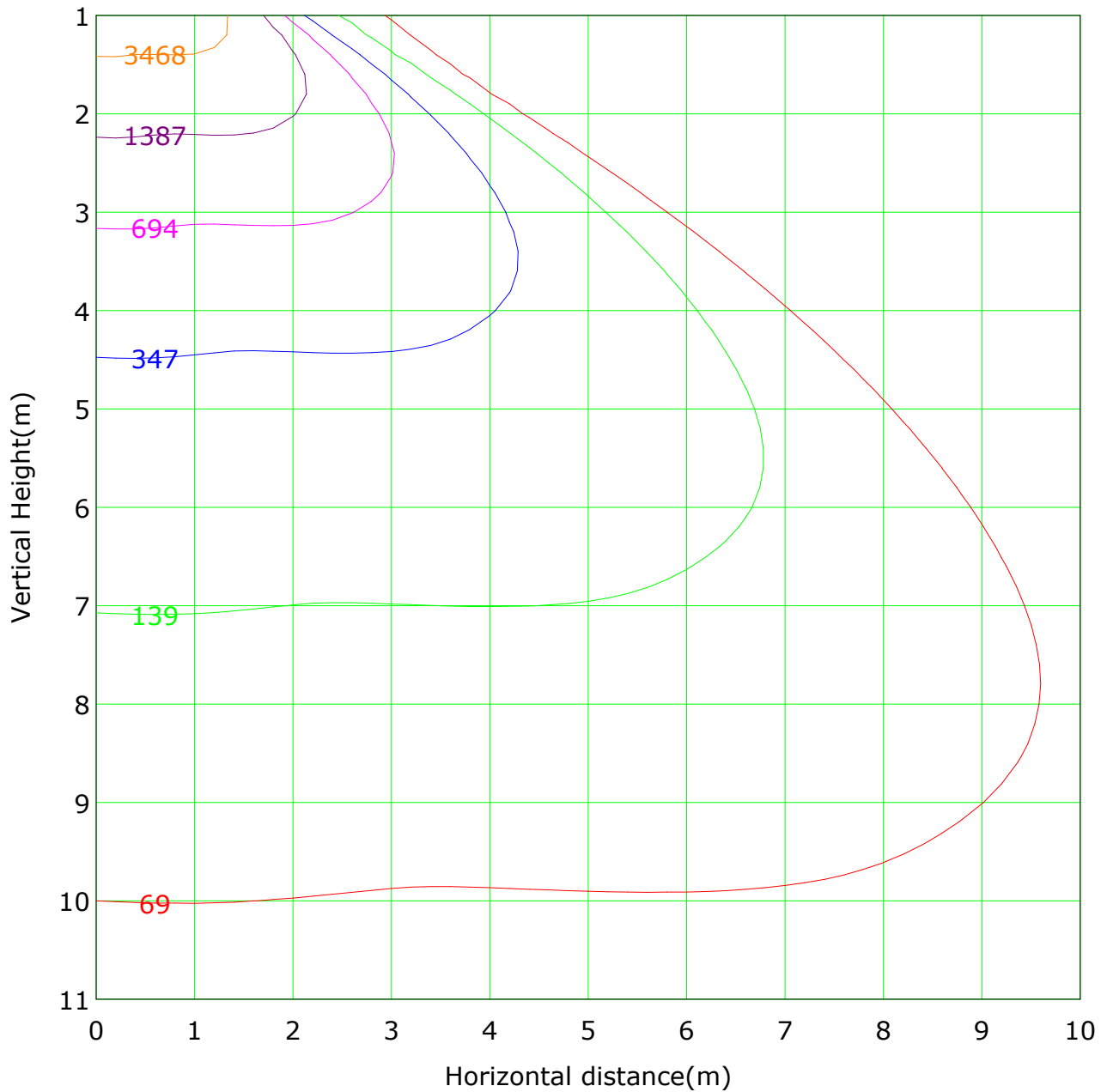
C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 6936.4 lx
 (1%): 69.4 lx (2%): 138.7 lx
 (5%): 346.8 lx (10%): 693.6 lx
 (20%): 1387.3 lx (50%): 3468.2 lx
 (100%): 6936.4 lx

C Plane (°): 0.0-360.0: 15.0

Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°): 0.0-180.0: 1.0

Test Device: GPM-1600L
 Distance: 6.832 m
 Humidity:
 Inspector:

Area Flux Table

Unit: lm

		Unit: m																		
-90	0.1	0.4	0.7	1.2	1.8	2.6	3.7	4.8	5.6	5.5	4.5	3.4	2.4	1.6	1.0	0.5	0.3	0.0	40.1	0.0
-80	0.1	0.7	1.8	3.4	5.3	7.9	10.9	13.8	14.7	14.6	13.5	10.6	7.6	5.1	3.2	1.5	0.5	0.1	115.5	0.0
-70	0.2	1.2	3.6	6.6	9.5	13.5	17.5	20.4	22.0	22.0	20.4	17.3	13.1	9.3	6.4	3.3	1.0	0.1	187.4	0.0
-60	0.2	1.9	5.6	10.0	14.7	18.5	22.0	24.6	26.1	26.2	24.9	22.4	18.8	14.7	9.9	5.4	1.6	0.2	247.8	0.0
-50	0.3	2.5	8.0	16.6	31.2	34.4	36.2	34.2	33.9	34.8	35.8	38.3	36.0	30.7	15.9	7.7	2.2	0.2	398.9	222.5
-40	0.3	3.1	11.9	44.3	92.8	116.7	126.0	129.6	132.1	131.7	129.5	129.8	121.9	90.9	39.1	10.8	2.6	0.2	1313.5	288.2
-30	0.3	3.7	20.0	92.1	164.2	220.3	921.7	8228.1	236.1	236.3	230.5	224.9	215.1	169.3	83.3	15.9	3.1	0.2	2344.8	327.2
-20	0.4	4.3	30.7	128.8	205.6	232.8	239.1	245.6	250.8	250.9	246.4	244.6	245.2	216.7	120.5	22.3	3.4	0.3	2688.8	673.4
-10	0.4	4.6	39.5	149.1	218.8	229.9	226.0	227.7	228.3	225.5	227.0	234.8	248.5	233.6	141.7	27.4	3.5	0.2	2666.9	653.6
0	0.4	4.6	37.8	141.2	208.8	215.6	200.4	191.5	189.8	195.0	202.0	218.6	239.9	227.3	136.2	26.1	3.4	0.2	2438.7	425.1
10	0.4	4.0	26.5	105.5	174.9	192.3	184.9	180.3	181.7	186.2	192.7	204.7	215.4	195.3	104.3	19.1	3.1	0.2	2171.8	156.2
20	0.3	3.4	15.5	63.7	119.7	141.2	142.2	143.8	148.1	152.5	154.5	156.9	157.0	131.4	62.9	12.3	2.7	0.2	1608.3	588.3
30	0.3	2.7	9.3	30.6	60.0	75.3	77.3	79.4	81.9	82.8	81.9	81.0	79.8	61.1	27.6	8.3	2.2	0.2	841.6	811.8
40	0.3	2.1	6.6	14.0	25.2	30.8	34.0	35.5	36.1	35.6	34.1	32.5	29.0	22.8	12.5	6.1	1.6	0.2	359.0	182.2
50	0.2	1.5	4.6	9.0	14.2	18.9	22.4	24.9	26.3	26.2	24.5	21.8	18.0	13.3	8.5	4.1	1.2	0.1	239.7	0.0
60	0.2	0.9	2.9	5.6	9.0	13.2	17.3	20.1	22.3	22.1	19.7	16.7	12.6	8.5	5.2	2.5	0.7	0.1	179.5	0.0
70	0.1	0.6	1.5	3.0	4.6	6.8	9.6	12.5	14.0	13.9	12.1	9.2	6.4	4.3	2.7	1.3	0.4	0.1	103.2	0.0
80	0.1	0.3	0.6	0.9	1.2	1.7	2.2	2.7	3.0	3.0	2.5	1.9	1.4	1.0	0.7	0.4	0.1	0.0	23.7	0.0
90	4.5	42.3	227.3	825.7	1361.8	556.4	589.1	619.4	652.8	664.1	656.6	669.2	668.1	436.9	781.4	175.0	33.3	2.9	17968	
Flux(T)	0.0	0.0	155.8	758.8	1283.1	1451.8	1459.2	1463.3	1482.9	1496.3	1503.3	1540.5	1565.4	1359.7	13.3	95.5	0.0	0.0		16329
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Flux(E)	0.0	0.0	155.8	758.8	1283.1	1451.8	1459.2	1463.3	1482.9	1496.3	1503.3	1540.5	1565.4	1359.7	13.3	95.5	0.0	0.0		16329
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Flux(E)	0.0	0.0	155.8	758.8	1283.1	1451.8	1459.2	1463.3	1482.9	1496.3	1503.3	1540.5	1565.4	1359.7	13.3	95.5	0.0	0.0		16329
Flux(E)	0.0	0.0	155.8	758.8	1283.1	1451.8	1459.2	1463.3	1482.9	1496.3	1503.3	1540.5	1565.4	1359.7	13.3	95.5	0.0	0.0		16329
Flux(E)	0.0	0.0	155.8	758.8	1283.1	1451.8	1459.2	1463.3	1482.9	1496.3	1503.3	1540.5	1565.4	1359.7	13.3	95.5	0.0	0.0		16329
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Flux(E)	0.0	0.0	155.8	758.8	1283.1	1451.8	1459.2	1463.3	1482.9	1496.3										

C Plane (°):0.0-360.0: 15.0

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 6.832 m

Humidity:

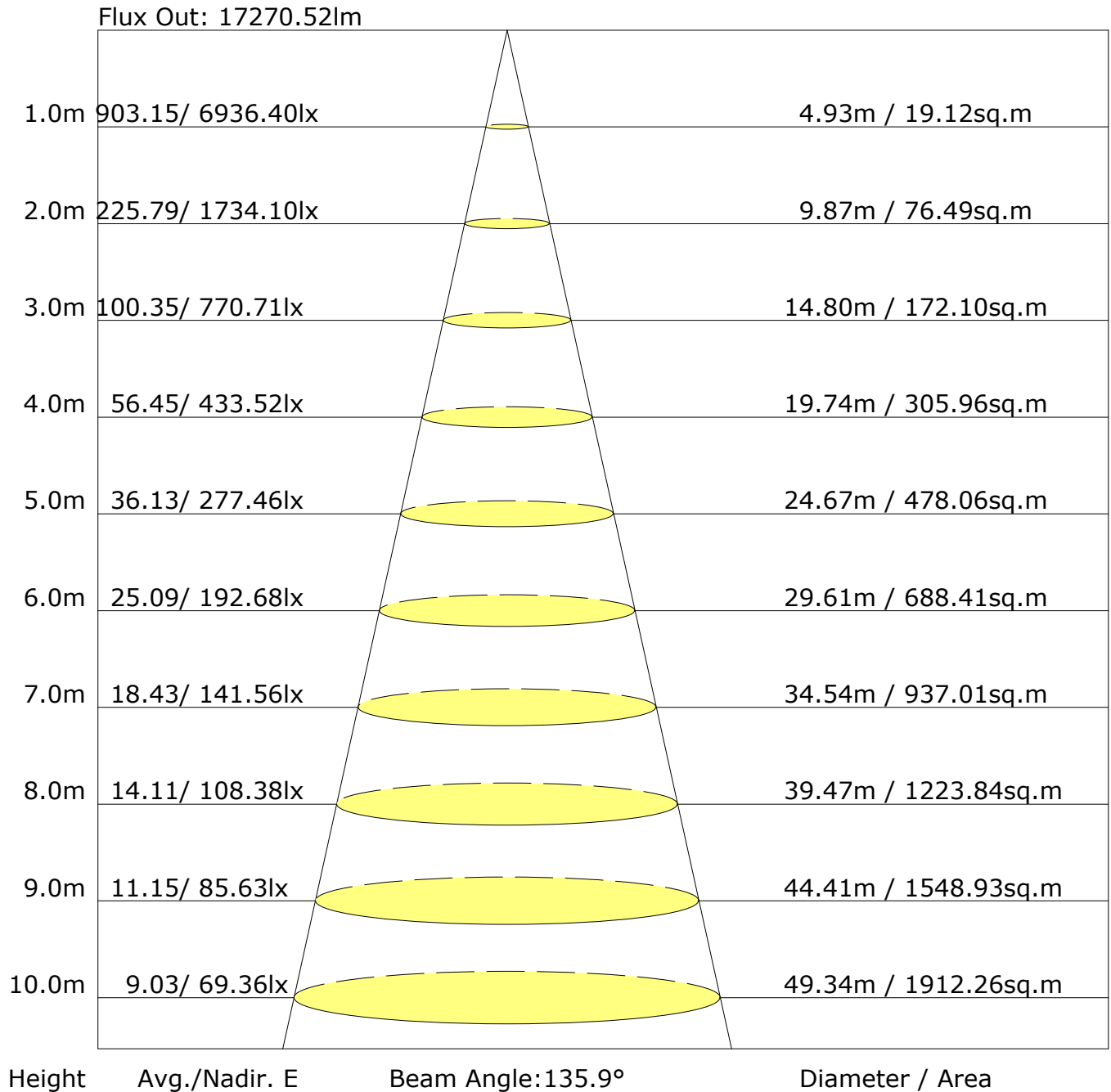
Inspector:

Test Type: TYPE C

Temperature:

Operator:

The Average Illuminance Effective Figure

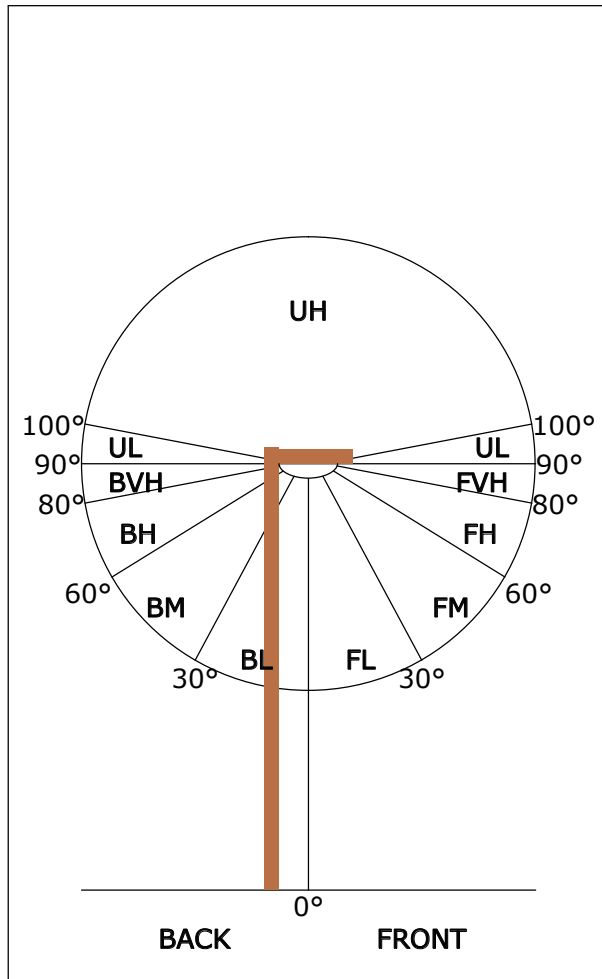


C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM


ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	7966	44.0
FL (0°-30°)	2649	14.6
FM (30°-60°)	4579	25.3
FH (60°-80°)	689	3.8
FVH (80°-90°)	48	0.3
BACK LIGHT	10004	55.2
BL (0°-30°)	3394	18.7
BM (30°-60°)	5757	31.8
BH (60°-80°)	784	4.3
BVH (80°-90°)	69	0.4
UP LIGHT	145	0.8
UL (90°-100°)	4	0.0
UH (100°-180°)	141	0.8
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B4 U3 G2
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B4 U3 G1

C Plane (°):0.0-360.0: 15.0

 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0

 Test Device: GPM-1600L
 Distance: 6.832 m
 Humidity:
 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	0.69	0.77	0.84	0.88	0.94	0.98	1.01	1.04	1.07	
	0.30		0.63	0.71	0.78	0.83	0.90	0.94	0.97	1.01	1.04	
	0.20		0.58	0.66	0.74	0.79	0.86	0.90	0.94	0.99	1.02	
0.50	0.50	0.20	0.67	0.75	0.82	0.86	0.91	0.95	0.97	1.00	1.02	
	0.30		0.62	0.70	0.77	0.81	0.87	0.91	0.94	0.98	1.00	
	0.20		0.58	0.66	0.73	0.77	0.84	0.88	0.91	0.96	0.98	
0.30	0.50	0.20	0.66	0.74	0.79	0.83	0.89	0.92	0.94	0.97	0.99	
	0.30		0.61	0.69	0.75	0.79	0.85	0.89	0.91	0.95	0.97	
	0.20		0.57	0.65	0.72	0.76	0.82	0.86	0.89	0.93	0.95	
0.00	0.00	0.00	0.55	0.63	0.69	0.73	0.79	0.83	0.85	0.88	0.90	
Rating:148W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

C Plane (°):0.0-360.0: 15.0

 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0

 Test Device: GPM-1600L
 Distance: 6.832 m
 Humidity:
 Inspector:

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	0.81	0.66	0.55	0.47	0.37	0.31	0.26	0.20	0.16	
	0.30		0.67	0.57	0.48	0.42	0.34	0.28	0.24	0.19	0.16	
	0.20		0.58	0.50	0.43	0.38	0.31	0.26	0.23	0.18	0.15	
0.50	0.50	0.20	0.77	0.63	0.52	0.45	0.35	0.33	0.25	0.19	0.15	
	0.30		0.65	0.55	0.46	0.40	0.32	0.27	0.23	0.18	0.15	
	0.20		0.57	0.48	0.42	0.36	0.30	0.25	0.22	0.17	0.14	
0.30	0.50	0.20	0.75	0.60	0.50	0.43	0.33	0.27	0.23	0.18	0.14	
	0.30		0.64	0.53	0.45	0.39	0.31	0.25	0.22	0.17	0.14	
	0.20		0.56	0.47	0.40	0.35	0.28	0.24	0.21	0.16	0.13	
0.00	0.00	0.00	0.44	0.37	0.30	0.26	0.20	0.17	0.14	0.11	0.09	
Rating:148W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

C Plane (°):0.0-360.0: 15.0

 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0

 Test Device: GPM-1600L
 Distance: 6.832 m
 Humidity:
 Inspector:

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	0.15	0.17	0.18	0.19	0.20	0.20	0.21	0.22	0.22	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.17	0.18	
0.50	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.21	0.21	
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.19	0.19	
	0.20		0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.17	0.18	
0.30	0.50	0.20	0.14	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.20	
	0.30		0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.16	0.17	
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Rating:148W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

C Plane (°):0.0-360.0: 15.0

 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0

 Test Device: GPM-1600L
 Distance: 6.832 m
 Humidity:
 Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	6632.9	6.3	6.3	0.04	0.04
1.0-2.0	6644.1	19.1	25.4	0.11	0.14
2.0-3.0	6666.6	31.9	57.3	0.18	0.32
3.0-4.0	6701.2	44.9	102.2	0.25	0.56
4.0-5.0	6746.4	58.0	160.2	0.32	0.88
5.0-6.0	6798.3	71.5	231.7	0.39	1.28
6.0-7.0	6852.7	85.1	316.7	0.47	1.75
7.0-8.0	6906.0	98.8	415.6	0.55	2.29
8.0-9.0	6956.0	112.7	528.3	0.62	2.92
9.0-10.0	7000.7	126.7	655.0	0.70	3.62
10.0-11.0	7041.0	140.7	795.8	0.78	4.39
11.0-12.0	7078.4	154.8	950.5	0.85	5.25
12.0-13.0	7113.4	168.8	1119.3	0.93	6.18
13.0-14.0	7145.4	182.9	1302.3	1.01	7.19
14.0-15.0	7174.6	197.0	1499.3	1.09	8.28
15.0-16.0	7201.7	211.1	1710.3	1.17	9.44
16.0-17.0	7226.6	225.1	1935.4	1.24	10.68
17.0-18.0	7249.8	239.1	2174.4	1.32	12.00
18.0-19.0	7271.3	253.0	2427.5	1.40	13.40
19.0-20.0	7290.1	266.9	2694.3	1.47	14.87
20.0-21.0	7305.7	280.6	2974.9	1.55	16.42
21.0-22.0	7315.1	294.0	3268.9	1.62	18.05
22.0-23.0	7316.1	307.0	3575.9	1.69	19.74
23.0-24.0	7307.9	319.6	3895.5	1.76	21.50
24.0-25.0	7290.8	331.6	4227.0	1.83	23.33
25.0-26.0	7265.1	343.0	4570.0	1.89	25.23
26.0-27.0	7231.0	353.8	4923.8	1.95	27.18
27.0-28.0	7188.2	364.0	5287.8	2.01	29.19
28.0-29.0	7136.1	373.4	5661.2	2.06	31.25
29.0-30.0	7073.2	382.0	6043.1	2.11	33.36
30.0-31.0	6997.5	389.5	6432.6	2.15	35.51
31.0-32.0	6908.3	395.8	6828.4	2.19	37.70
32.0-33.0	6805.3	401.0	7229.4	2.21	39.91
33.0-34.0	6687.6	404.8	7634.2	2.23	42.14
34.0-35.0	6555.2	407.2	8041.3	2.25	44.39
35.0-36.0	6409.7	408.2	8449.5	2.25	46.64

C Plane (°):0.0-360.0: 15.0

 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0

 Test Device: GPM-1600L
 Distance: 6.832 m
 Humidity:
 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	6254.8	408.0	8857.5	2.25	48.90
37.0-38.0	6094.4	406.8	9264.4	2.25	51.14
38.0-39.0	5928.8	404.7	9669.1	2.23	53.38
39.0-40.0	5758.2	401.6	10070.7	2.22	55.59
40.0-41.0	5583.4	397.6	10468.4	2.20	57.79
41.0-42.0	5409.3	393.1	10861.4	2.17	59.96
42.0-43.0	5238.7	388.1	11249.6	2.14	62.10
43.0-44.0	5068.4	382.6	11632.1	2.11	64.21
44.0-45.0	4899.0	376.5	12008.7	2.08	66.29
45.0-46.0	4730.9	370.0	12378.7	2.04	68.34
46.0-47.0	4564.1	363.1	12741.8	2.00	70.34
47.0-48.0	4397.4	355.5	13097.3	1.96	72.30
48.0-49.0	4227.7	347.2	13444.5	1.92	74.22
49.0-50.0	4051.5	337.8	13782.4	1.86	76.08
50.0-51.0	3865.9	327.1	14109.5	1.81	77.89
51.0-52.0	3671.9	315.1	14424.6	1.74	79.63
52.0-53.0	3471.7	302.0	14726.7	1.67	81.30
53.0-54.0	3264.0	287.7	15014.4	1.59	82.89
54.0-55.0	3049.2	272.2	15286.6	1.50	84.39
55.0-56.0	2828.9	255.7	15542.3	1.41	85.80
56.0-57.0	2601.1	237.9	15780.1	1.31	87.11
57.0-58.0	2367.7	219.0	15999.1	1.21	88.32
58.0-59.0	2133.9	199.5	16198.6	1.10	89.42
59.0-60.0	1905.3	180.0	16378.7	0.99	90.42
60.0-61.0	1690.4	161.3	16540.0	0.89	91.31
61.0-62.0	1494.3	144.0	16684.0	0.79	92.10
62.0-63.0	1317.6	128.2	16812.2	0.71	92.81
63.0-64.0	1160.6	113.9	16926.1	0.63	93.44
64.0-65.0	1022.7	101.2	17027.3	0.56	94.00
65.0-66.0	906.0	90.4	17117.7	0.50	94.50
66.0-67.0	813.7	81.8	17199.5	0.45	94.95
67.0-68.0	741.8	75.2	17274.7	0.41	95.36
68.0-69.0	684.5	69.8	17344.5	0.39	95.75
69.0-70.0	636.1	65.3	17409.9	0.36	96.11
70.0-71.0	592.7	61.3	17471.1	0.34	96.45
71.0-72.0	552.5	57.5	17528.6	0.32	96.76

C Plane (°):0.0-360.0: 15.0

 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0

 Test Device: GPM-1600L
 Distance: 6.832 m
 Humidity:
 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	513.3	53.7	17582.3	0.30	97.06
73.0-74.0	473.4	49.8	17632.1	0.27	97.34
74.0-75.0	434.2	45.9	17677.9	0.25	97.59
75.0-76.0	396.2	42.1	17720.0	0.23	97.82
76.0-77.0	358.5	38.2	17758.2	0.21	98.03
77.0-78.0	322.2	34.5	17792.7	0.19	98.22
78.0-79.0	288.4	31.0	17823.7	0.17	98.39
79.0-80.0	256.6	27.7	17851.4	0.15	98.55
80.0-81.0	226.2	24.5	17875.9	0.14	98.68
81.0-82.0	196.0	21.3	17897.1	0.12	98.80
82.0-83.0	165.3	18.0	17915.1	0.10	98.90
83.0-84.0	135.8	14.8	17929.9	0.08	98.98
84.0-85.0	109.8	12.0	17941.9	0.07	99.05
85.0-86.0	87.9	9.6	17951.5	0.05	99.10
86.0-87.0	67.2	7.4	17958.8	0.04	99.14
87.0-88.0	47.6	5.2	17964.0	0.03	99.17
88.0-89.0	30.9	3.4	17967.4	0.02	99.19
89.0-90.0	17.1	1.9	17969.3	0.01	99.20
90.0-91.0	7.3	0.8	17970.1	0.00	99.20
91.0-92.0	2.9	0.3	17970.4	0.00	99.20
92.0-93.0	2.2	0.2	17970.7	0.00	99.20
93.0-94.0	2.6	0.3	17970.9	0.00	99.21
94.0-95.0	3.0	0.3	17971.3	0.00	99.21
95.0-96.0	3.4	0.4	17971.6	0.00	99.21
96.0-97.0	3.8	0.4	17972.1	0.00	99.21
97.0-98.0	4.3	0.5	17972.5	0.00	99.22
98.0-99.0	4.8	0.5	17973.1	0.00	99.22
99.0-100.0	5.3	0.6	17973.6	0.00	99.22
100.0-101.0	5.9	0.6	17974.3	0.00	99.22
101.0-102.0	6.6	0.7	17975.0	0.00	99.23
102.0-103.0	7.2	0.8	17975.7	0.00	99.23
103.0-104.0	7.8	0.8	17976.6	0.00	99.24
104.0-105.0	8.5	0.9	17977.5	0.00	99.24
105.0-106.0	9.2	1.0	17978.5	0.01	99.25
106.0-107.0	10.0	1.0	17979.5	0.01	99.25
107.0-108.0	10.7	1.1	17980.6	0.01	99.26

C Plane (°):0.0-360.0: 15.0

 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0

 Test Device: GPM-1600L
 Distance: 6.832 m
 Humidity:
 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	11.4	1.2	17981.8	0.01	99.27
109.0-110.0	12.3	1.3	17983.1	0.01	99.27
110.0-111.0	13.1	1.3	17984.4	0.01	99.28
111.0-112.0	14.0	1.4	17985.8	0.01	99.29
112.0-113.0	14.8	1.5	17987.3	0.01	99.30
113.0-114.0	15.5	1.6	17988.9	0.01	99.31
114.0-115.0	16.4	1.6	17990.5	0.01	99.31
115.0-116.0	17.2	1.7	17992.2	0.01	99.32
116.0-117.0	18.0	1.8	17994.0	0.01	99.33
117.0-118.0	18.8	1.8	17995.8	0.01	99.34
118.0-119.0	19.6	1.9	17997.7	0.01	99.35
119.0-120.0	20.5	2.0	17999.7	0.01	99.36
120.0-121.0	21.3	2.0	18001.7	0.01	99.38
121.0-122.0	22.2	2.1	18003.8	0.01	99.39
122.0-123.0	23.1	2.1	18005.9	0.01	99.40
123.0-124.0	23.8	2.2	18008.1	0.01	99.41
124.0-125.0	24.5	2.2	18010.3	0.01	99.42
125.0-126.0	25.4	2.3	18012.6	0.01	99.44
126.0-127.0	26.1	2.3	18014.9	0.01	99.45
127.0-128.0	26.8	2.3	18017.2	0.01	99.46
128.0-129.0	27.6	2.4	18019.6	0.01	99.47
129.0-130.0	28.4	2.4	18022.0	0.01	99.49
130.0-131.0	29.1	2.4	18024.4	0.01	99.50
131.0-132.0	30.0	2.5	18026.9	0.01	99.52
132.0-133.0	30.7	2.5	18029.3	0.01	99.53
133.0-134.0	31.4	2.5	18031.8	0.01	99.54
134.0-135.0	32.1	2.5	18034.3	0.01	99.56
135.0-136.0	32.7	2.5	18036.9	0.01	99.57
136.0-137.0	33.4	2.5	18039.4	0.01	99.58
137.0-138.0	34.1	2.5	18041.9	0.01	99.60
138.0-139.0	35.0	2.5	18044.4	0.01	99.61
139.0-140.0	35.8	2.5	18047.0	0.01	99.63
140.0-141.0	36.4	2.5	18049.5	0.01	99.64
141.0-142.0	37.2	2.5	18052.1	0.01	99.65
142.0-143.0	37.9	2.5	18054.6	0.01	99.67
143.0-144.0	38.6	2.5	18057.1	0.01	99.68

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
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	39.3	2.5	18059.6	0.01	99.70
145.0-146.0	40.1	2.5	18062.1	0.01	99.71
146.0-147.0	40.9	2.5	18064.6	0.01	99.72
147.0-148.0	41.8	2.5	18067.1	0.01	99.74
148.0-149.0	42.6	2.4	18069.5	0.01	99.75
149.0-150.0	43.3	2.4	18071.9	0.01	99.76
150.0-151.0	44.1	2.4	18074.3	0.01	99.78
151.0-152.0	44.9	2.3	18076.6	0.01	99.79
152.0-153.0	45.8	2.3	18079.0	0.01	99.80
153.0-154.0	46.7	2.3	18081.2	0.01	99.82
154.0-155.0	47.4	2.2	18083.5	0.01	99.83
155.0-156.0	48.2	2.2	18085.7	0.01	99.84
156.0-157.0	48.8	2.1	18087.8	0.01	99.85
157.0-158.0	49.5	2.1	18089.9	0.01	99.86
158.0-159.0	50.2	2.0	18091.9	0.01	99.87
159.0-160.0	50.9	2.0	18093.9	0.01	99.88
160.0-161.0	51.6	1.9	18095.7	0.01	99.90
161.0-162.0	52.2	1.8	18097.6	0.01	99.91
162.0-163.0	52.9	1.7	18099.3	0.01	99.91
163.0-164.0	53.5	1.7	18101.0	0.01	99.92
164.0-165.0	54.0	1.6	18102.6	0.01	99.93
165.0-166.0	54.7	1.5	18104.1	0.01	99.94
166.0-167.0	55.3	1.4	18105.5	0.01	99.95
167.0-168.0	55.8	1.3	18106.8	0.01	99.96
168.0-169.0	56.3	1.2	18108.0	0.01	99.96
169.0-170.0	56.8	1.1	18109.2	0.01	99.97
170.0-171.0	57.1	1.0	18110.2	0.01	99.98
171.0-172.0	57.5	0.9	18111.1	0.01	99.98
172.0-173.0	58.0	0.8	18112.0	0.00	99.98
173.0-174.0	58.3	0.7	18112.7	0.00	99.99
174.0-175.0	58.6	0.6	18113.3	0.00	99.99
175.0-176.0	58.9	0.5	18113.8	0.00	99.99
176.0-177.0	59.1	0.4	18114.2	0.00	100.00
177.0-178.0	59.2	0.3	18114.5	0.00	100.00
178.0-179.0	59.3	0.2	18114.7	0.00	100.00
179.0-180.0	59.5	0.1	18114.7	0.00	100.00

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C15.0	C30.0	C45.0	C60.0	C75.0	C90.0	C105.0	C120.0	C135.0
G0.0	6936.4	6816.0	6736.7	6682.7	6638.2	6603.1	6573.4	6554.1	6531.8	6512.6
G1.0	6949.0	6797.6	6689.4	6612.1	6550.2	6503.4	6472.7	6452.5	6439.9	6438.5
G2.0	6966.2	6782.1	6648.3	6549.5	6473.8	6417.8	6379.5	6361.7	6359.8	6370.6
G3.0	6984.1	6769.6	6611.6	6493.0	6399.7	6332.7	6292.6	6279.7	6282.8	6307.0
G4.0	7001.8	6757.8	6578.2	6438.2	6332.3	6260.7	6221.7	6209.8	6220.6	6253.9
G5.0	7023.8	6750.2	6546.0	6387.8	6276.1	6206.2	6169.2	6157.5	6168.7	6204.1
G6.0	7047.0	6743.7	6516.2	6346.7	6235.2	6172.0	6139.9	6129.5	6137.6	6169.7
G7.0	7069.0	6737.1	6489.8	6314.4	6211.7	6161.0	6135.3	6122.7	6124.5	6146.7
G8.0	7092.6	6731.6	6466.7	6296.3	6210.0	6166.0	6138.2	6124.7	6127.5	6141.0
G9.0	7114.9	6725.9	6451.6	6294.7	6219.5	6172.4	6136.0	6122.2	6131.4	6147.4
G10.0	7139.1	6724.0	6447.7	6305.5	6232.5	6170.6	6125.4	6112.6	6128.2	6160.2
G11.0	7165.5	6724.0	6452.7	6327.2	6242.8	6162.1	6111.7	6096.8	6120.1	6167.6
G12.0	7193.1	6729.3	6466.9	6350.6	6250.6	6155.7	6101.1	6082.3	6104.8	6171.3
G13.0	7223.8	6741.0	6494.4	6378.2	6256.8	6154.1	6090.5	6068.8	6090.5	6172.2
G14.0	7256.6	6758.7	6526.6	6402.3	6267.8	6146.3	6073.6	6047.2	6076.3	6168.7
G15.0	7297.4	6784.8	6564.4	6430.5	6275.8	6136.2	6046.3	6018.1	6055.9	6167.2
G16.0	7341.0	6818.7	6605.2	6457.5	6279.5	6117.8	6017.4	5983.4	6034.8	6165.8
G17.0	7392.1	6857.7	6649.2	6489.8	6276.8	6095.1	5984.4	5949.7	6006.8	6162.6
G18.0	7455.9	6915.1	6695.8	6515.5	6272.4	6068.0	5944.2	5913.2	5983.0	6159.1
G19.0	7535.5	6982.7	6747.4	6538.5	6259.8	6029.8	5887.3	5862.6	5954.6	6153.2
G20.0	7629.3	7071.1	6805.0	6556.4	6236.4	5964.9	5798.8	5791.5	5921.5	6143.1
G21.0	7735.2	7163.5	6875.8	6570.4	6202.2	5877.3	5680.4	5688.0	5872.9	6130.9
G22.0	7851.7	7269.6	6952.9	6576.8	6142.2	5749.3	5524.0	5547.7	5801.8	6116.0
G23.0	7980.2	7384.1	7035.7	6575.6	6058.9	5590.5	5349.7	5390.3	5700.6	6096.3
G24.0	8115.3	7506.8	7118.5	6570.4	5945.8	5414.0	5154.5	5208.0	5571.3	6069.9
G25.0	8255.0	7625.8	7202.0	6554.1	5808.6	5218.1	4962.4	5018.3	5427.2	6033.2
G26.0	8409.1	7758.7	7281.4	6516.4	5649.0	5015.3	4748.4	4815.8	5263.5	5980.9
G27.0	8567.4	7895.3	7354.8	6459.3	5464.8	4809.4	4541.0	4617.0	5090.8	5907.0
G28.0	8738.0	8040.7	7416.4	6370.6	5271.5	4592.2	4325.4	4413.9	4903.8	5812.1
G29.0	8907.9	8183.4	7468.8	6264.4	5067.4	4376.1	4110.3	4217.9	4722.0	5700.2
G30.0	9086.2	8331.8	7512.6	6136.9	4864.9	4161.4	3891.5	4013.9	4538.2	5569.4
G31.0	9272.1	8485.2	7548.5	5988.7	4653.9	3929.6	3652.0	3796.8	4356.4	5423.1
G32.0	9464.4	8641.0	7569.6	5818.1	4432.0	3669.0	3391.2	3557.1	4174.8	5261.4
G33.0	9654.1	8788.2	7577.9	5643.8	4205.4	3410.8	3125.7	3308.9	3972.4	5093.3
G34.0	9848.5	8948.1	7567.4	5441.4	3963.0	3137.4	2866.2	3052.7	3761.0	4918.5
G35.0	10040.0	9099.0	7535.7	5240.8	3711.7	2876.8	2625.0	2809.8	3525.0	4747.0
G36.0	10233.4	9248.5	7478.8	5012.6	3443.1	2618.6	2397.2	2582.1	3282.1	4574.7

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C15.0	C30.0	C45.0	C60.0	C75.0	C90.0	C105.0	C120.0	C135.0
G37.0	10417.3	9387.8	7398.8	4792.9	3172.7	2387.6	2194.2	2369.7	3034.6	4401.6
G38.0	10588.7	9519.4	7287.5	4557.0	2908.2	2177.9	2003.4	2167.6	2802.3	4216.5
G39.0	10741.9	9625.2	7155.4	4319.9	2661.9	1985.3	1837.6	1993.5	2581.2	4017.9
G40.0	10879.7	9708.2	6988.0	4067.8	2427.9	1813.0	1686.4	1836.5	2371.6	3802.0
G41.0	10993.7	9764.3	6805.2	3813.7	2211.0	1657.1	1546.1	1692.7	2180.2	3566.2
G42.0	11089.6	9788.0	6602.7	3548.6	2012.8	1515.3	1415.1	1560.3	2009.6	3319.7
G43.0	11163.6	9776.7	6384.4	3279.3	1828.2	1379.3	1286.7	1428.7	1852.9	3074.7
G44.0	11223.3	9730.7	6147.2	3001.3	1661.2	1244.3	1167.7	1304.3	1703.9	2836.5
G45.0	11258.1	9643.3	5898.6	2745.8	1511.2	1130.5	1080.0	1188.3	1567.6	2624.0
G46.0	11265.9	9503.8	5634.6	2500.6	1367.6	1045.6	1020.4	1098.9	1432.5	2420.1
G47.0	11239.3	9310.5	5350.9	2272.2	1237.1	995.6	985.5	1037.1	1309.9	2227.7
G48.0	11167.5	9072.6	5038.2	2073.6	1118.3	965.1	960.6	994.2	1197.3	2054.4
G49.0	11039.6	8792.3	4692.6	1887.8	1020.6	944.3	942.0	966.3	1104.4	1887.1
G50.0	10846.5	8466.2	4308.9	1705.3	953.2	926.3	928.0	942.9	1032.3	1724.7
G51.0	10587.5	8096.2	3927.5	1529.8	912.8	909.4	916.9	924.1	980.0	1570.8
G52.0	10239.6	7665.7	3538.1	1349.7	887.2	894.2	906.2	908.9	940.4	1420.8
G53.0	9803.4	7199.7	3175.6	1180.5	871.6	881.2	896.3	895.2	910.8	1283.2
G54.0	9263.7	6647.0	2840.4	1024.3	856.7	868.8	886.7	882.3	887.6	1151.4
G55.0	8638.2	6049.3	2535.5	923.6	844.3	856.6	877.7	870.4	869.0	1044.0
G56.0	7967.4	5419.9	2232.3	861.7	830.7	842.9	865.8	855.1	851.2	961.2
G57.0	7236.9	4773.4	1944.2	828.7	817.6	828.4	852.0	841.0	836.5	906.4
G58.0	6477.7	4133.5	1650.2	804.1	803.5	812.4	838.3	825.9	822.3	862.6
G59.0	5704.8	3529.5	1360.8	784.8	786.3	797.0	825.7	810.1	806.4	829.3
G60.0	4905.4	2957.8	1108.7	766.5	768.4	779.6	813.7	793.4	789.4	804.8
G61.0	4138.5	2445.4	930.7	749.3	750.7	762.9	801.1	776.2	773.1	784.8
G62.0	3403.0	1993.1	819.3	730.7	732.5	746.3	789.0	758.2	754.4	764.9
G63.0	2729.5	1599.7	756.6	708.9	714.7	727.5	779.3	740.1	736.9	742.2
G64.0	2124.3	1288.8	714.9	679.1	694.5	709.2	769.9	722.3	717.6	717.2
G65.0	1625.9	1038.8	677.0	637.6	669.1	692.2	760.8	702.8	694.0	677.7
G66.0	1285.5	884.9	643.8	600.9	642.4	672.7	754.1	683.9	669.7	637.9
G67.0	1078.4	785.6	612.4	567.4	612.6	653.7	747.9	664.4	642.4	599.1
G68.0	947.0	716.0	575.5	536.2	582.1	635.3	729.6	645.2	613.3	564.4
G69.0	838.3	655.3	543.3	505.1	554.6	614.5	698.2	624.7	583.9	529.1
G70.0	751.2	600.2	513.1	474.5	524.3	590.6	660.5	603.0	553.0	495.2
G71.0	672.9	548.4	480.1	443.6	493.6	564.4	623.2	577.5	519.9	462.2
G72.0	606.2	503.7	440.3	410.5	464.9	536.0	592.0	550.7	489.2	431.7
G73.0	542.2	459.2	397.9	374.1	432.8	502.5	557.1	518.4	452.8	396.5

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C15.0	C30.0	C45.0	C60.0	C75.0	C90.0	C105.0	C120.0	C135.0
G74.0	447.3	417.6	357.6	341.5	398.2	469.3	521.1	483.5	417.7	361.3
G75.0	362.1	373.9	321.5	309.9	358.7	435.5	483.7	449.5	378.7	328.2
G76.0	310.5	330.0	288.8	281.6	321.6	403.7	424.8	416.3	337.9	296.5
G77.0	257.8	286.7	260.3	251.4	286.9	370.6	375.9	381.9	301.9	266.5
G78.0	211.9	250.0	236.0	227.1	255.5	332.6	356.4	347.3	271.1	241.5
G79.0	174.8	216.1	212.6	204.4	223.6	294.1	336.9	306.9	241.1	220.2
G80.0	145.2	185.3	191.7	186.5	195.4	259.2	316.7	271.3	212.1	200.7
G81.0	123.6	148.9	170.4	165.4	168.6	219.0	290.3	231.2	185.8	183.5
G82.0	108.7	111.9	148.2	136.9	143.8	171.3	246.6	187.6	160.6	158.9
G83.0	95.7	92.4	126.1	111.3	118.8	136.7	173.9	146.5	135.3	128.5
G84.0	84.9	79.1	102.3	92.0	94.5	105.1	92.2	112.9	110.6	105.1
G85.0	74.5	67.0	75.0	68.8	71.8	72.7	40.3	80.0	85.5	83.2
G86.0	58.5	54.1	58.5	45.6	49.3	45.2	24.8	53.7	64.0	61.9
G87.0	38.5	41.0	39.5	27.7	26.6	16.3	6.0	25.7	40.4	39.7
G88.0	19.9	25.2	22.9	12.9	11.7	3.9	0.4	6.7	19.9	23.6
G89.0	9.0	9.6	7.6	2.5	1.9	0.2	0.0	1.6	7.8	10.1
G90.0	4.8	4.4	2.3	1.2	0.2	0.0	0.0	0.7	0.7	2.8
G91.0	5.3	5.3	3.4	1.4	0.5	0.7	0.2	0.7	0.2	1.8
G92.0	6.0	5.7	2.8	1.6	0.4	1.1	0.0	0.2	0.9	0.7
G93.0	7.1	6.2	3.4	1.6	0.2	1.1	0.4	0.5	0.9	1.8
G94.0	8.0	7.1	5.1	1.1	0.4	1.1	0.9	1.1	1.2	2.3
G95.0	8.9	8.0	4.6	2.1	1.1	0.5	1.2	0.2	1.4	2.7
G96.0	9.6	8.9	6.4	3.5	1.2	1.4	1.2	1.2	1.6	3.2
G97.0	10.6	9.7	7.1	2.8	1.4	0.7	1.4	1.8	1.1	2.3
G98.0	11.5	10.5	7.8	4.3	1.9	1.4	0.5	1.4	1.2	3.5
G99.0	12.8	11.0	7.8	4.8	1.8	1.8	0.9	1.1	2.3	4.8
G100.0	13.3	12.2	9.7	4.6	1.9	1.2	1.9	1.9	1.9	5.5
G101.0	14.7	13.7	9.7	5.9	2.1	2.1	1.2	1.9	3.0	5.1
G102.0	15.4	15.1	11.3	6.0	3.2	1.6	2.3	1.9	2.8	6.9
G103.0	16.7	15.3	11.3	6.7	3.4	2.7	1.6	1.8	3.4	7.5
G104.0	17.7	16.8	13.5	7.5	3.5	3.2	2.7	2.3	3.9	7.6
G105.0	18.8	18.3	14.2	8.3	4.1	3.2	1.9	2.5	5.0	9.0
G106.0	19.7	19.1	15.3	9.4	5.0	2.8	2.7	3.5	5.9	9.9
G107.0	20.7	19.1	15.8	10.6	5.5	3.9	3.4	3.2	5.7	9.7
G108.0	21.8	20.0	16.5	11.2	6.2	4.6	2.8	3.7	6.7	10.8
G109.0	23.1	21.3	17.9	12.1	6.9	4.3	3.4	4.6	7.6	12.4
G110.0	23.9	23.2	19.0	12.6	7.5	5.5	3.9	4.6	8.5	13.1

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C15.0	C30.0	C45.0	C60.0	C75.0	C90.0	C105.0	C120.0	C135.0
G111.0	25.0	23.4	19.5	13.8	8.2	5.3	5.3	5.5	8.5	14.4
G112.0	25.9	25.5	20.7	14.7	10.1	6.7	5.7	6.0	10.1	14.9
G113.0	26.6	26.6	21.6	15.6	10.8	6.9	6.4	6.7	10.8	16.0
G114.0	27.5	25.7	22.5	16.8	11.0	7.8	7.1	7.5	11.7	17.4
G115.0	28.5	28.0	23.4	17.2	11.7	8.3	8.0	8.3	12.6	18.3
G116.0	29.4	28.4	24.1	18.1	13.5	9.7	8.0	9.2	13.1	18.8
G117.0	30.1	29.1	24.7	19.3	13.7	10.1	9.0	10.5	14.0	19.9
G118.0	30.7	28.9	25.7	19.7	15.1	11.2	9.7	11.7	15.8	20.7
G119.0	31.2	29.4	26.4	20.7	16.3	12.4	10.8	12.2	16.3	21.8
G120.0	32.5	30.1	26.9	21.6	16.1	13.1	12.2	13.3	17.2	23.1
G121.0	32.3	31.0	27.5	23.2	18.3	14.2	13.3	14.9	18.3	23.9
G122.0	33.3	32.1	28.4	23.2	18.3	15.4	14.2	15.8	19.7	24.1
G123.0	34.2	32.5	29.3	23.9	19.3	16.7	15.3	16.8	20.7	25.5
G124.0	34.4	32.6	29.4	24.7	21.1	17.0	16.1	17.0	21.3	26.1
G125.0	35.5	33.5	30.3	26.1	21.8	18.1	16.8	18.4	22.0	27.3
G126.0	36.0	34.2	31.0	26.1	22.0	19.1	17.9	20.2	23.1	27.7
G127.0	36.2	34.7	31.7	27.7	23.6	20.2	19.1	20.9	24.8	28.5
G128.0	36.3	35.1	31.9	27.7	23.9	21.8	20.2	21.3	25.2	29.4
G129.0	37.8	35.8	33.0	29.3	25.5	22.0	21.5	23.4	25.9	30.0
G130.0	38.1	36.0	33.7	29.1	26.2	23.4	22.3	23.2	27.7	30.9
G131.0	38.1	36.5	34.0	30.0	26.4	24.3	23.4	25.2	27.8	32.1
G132.0	38.1	37.6	34.6	31.6	28.0	25.4	24.5	26.4	29.3	33.3
G133.0	38.8	37.8	34.9	32.5	28.0	25.9	25.2	26.2	30.1	33.9
G134.0	40.1	37.9	36.0	31.9	29.8	27.1	26.6	28.4	31.2	34.7
G135.0	39.5	38.3	36.5	32.8	30.5	28.2	27.7	29.3	31.6	35.5
G136.0	41.0	39.0	37.2	34.6	30.3	28.7	27.8	30.1	32.3	35.5
G137.0	41.5	39.0	37.2	33.7	31.2	29.6	29.3	31.2	33.2	37.4
G138.0	41.8	39.5	38.1	34.7	33.0	30.9	30.7	31.0	34.9	38.3
G139.0	42.5	40.3	38.8	35.6	33.9	32.1	30.9	31.9	35.6	39.2
G140.0	42.9	40.8	39.2	37.1	34.7	32.6	32.5	34.0	36.5	38.8
G141.0	42.5	41.1	39.9	37.6	35.6	33.0	32.5	33.9	37.6	40.8
G142.0	43.3	42.5	40.4	38.1	36.3	33.9	34.2	35.8	37.9	40.6
G143.0	44.1	42.4	40.6	38.7	36.9	34.9	34.0	35.8	38.8	41.5
G144.0	44.9	44.0	41.3	38.5	37.6	35.6	35.1	37.6	40.1	43.4
G145.0	45.4	44.0	41.8	40.3	37.2	36.0	35.8	38.3	40.4	43.3
G146.0	46.5	44.9	43.1	39.7	38.8	37.1	36.7	39.4	41.1	44.1
G147.0	48.2	45.4	43.4	40.4	39.5	38.5	38.5	39.2	42.5	44.9

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C15.0	C30.0	C45.0	C60.0	C75.0	C90.0	C105.0	C120.0	C135.0
G148.0	48.2	47.3	44.9	41.8	40.1	39.2	39.4	39.9	43.3	45.7
G149.0	50.2	48.6	45.4	42.5	40.8	38.8	39.2	41.5	43.3	47.5
G150.0	51.2	48.4	45.7	42.9	40.4	39.5	40.6	42.2	44.1	48.2
G151.0	51.1	50.2	46.8	44.3	41.0	40.1	41.5	42.9	45.7	49.1
G152.0	51.9	51.1	48.1	45.0	41.7	41.8	42.2	43.1	46.1	48.6
G153.0	54.1	52.1	48.9	44.9	43.6	41.5	42.7	43.8	46.5	49.1
G154.0	54.6	52.5	49.3	46.5	44.0	41.8	42.5	45.0	47.9	51.1
G155.0	54.3	53.7	50.7	47.0	44.5	43.8	42.9	45.7	47.5	51.6
G156.0	55.3	53.5	51.1	47.9	45.2	44.1	44.5	45.7	48.1	52.1
G157.0	56.9	55.0	52.1	47.9	44.9	44.0	44.1	46.5	48.6	51.8
G158.0	57.5	55.9	52.8	48.4	45.9	45.9	45.9	47.0	49.1	52.3
G159.0	56.7	56.2	53.4	50.4	46.5	46.6	46.8	48.1	49.7	52.8
G160.0	58.5	55.9	54.1	49.7	48.8	47.0	47.5	48.8	51.2	53.5
G161.0	59.0	57.3	54.8	50.5	49.1	48.2	48.4	49.1	51.1	54.1
G162.0	58.2	57.8	55.1	52.5	49.3	48.9	48.1	50.2	52.5	54.4
G163.0	58.5	58.2	55.9	53.4	50.2	49.8	48.9	51.1	52.3	55.0
G164.0	58.9	57.3	56.0	53.0	51.8	50.0	50.5	51.8	53.0	56.2
G165.0	59.0	57.8	56.6	53.7	52.7	50.9	50.9	52.7	53.5	56.4
G166.0	59.2	58.2	57.3	55.3	53.2	52.5	51.4	52.7	55.3	56.2
G167.0	59.7	59.4	57.6	55.9	53.5	53.0	52.5	53.5	55.9	56.7
G168.0	59.9	58.3	58.0	55.5	54.8	54.1	53.4	53.9	55.3	57.8
G169.0	61.2	58.9	58.2	57.1	55.9	54.8	54.8	55.9	56.0	57.6
G170.0	60.5	60.1	58.3	56.6	55.9	55.3	55.7	56.0	57.5	58.2
G171.0	60.5	59.2	59.0	57.1	56.6	56.2	55.5	55.7	56.6	58.7
G172.0	61.9	59.7	59.6	57.6	57.5	56.7	56.2	56.2	57.1	58.5
G173.0	61.0	60.6	59.2	58.7	57.8	57.5	56.9	56.7	58.3	58.5
G174.0	61.2	59.7	59.7	58.2	58.2	57.6	58.0	58.2	58.7	58.7
G175.0	61.3	61.2	60.1	58.7	58.5	57.8	58.5	58.5	58.0	58.7
G176.0	62.4	60.1	60.1	59.7	58.9	58.7	57.8	58.7	58.9	59.0
G177.0	62.4	60.5	59.9	59.0	59.2	59.0	59.2	58.0	58.2	58.9
G178.0	61.3	60.3	60.5	59.2	59.0	59.2	58.3	57.6	59.0	58.7
G179.0	62.4	60.5	59.9	59.7	58.5	58.3	59.6	58.0	58.2	58.5
G180.0	61.7	61.2	60.1	60.3	58.9	58.7	58.9	58.7	58.5	58.0

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C150.0	C165.0	C180.0	C195.0	C210.0	C225.0	C240.0	C255.0	C270.0	C285.0
G0.0	6497.2	6483.7	6936.4	6816.0	6736.7	6682.7	6638.2	6603.1	6573.4	6554.1
G1.0	6442.4	6452.5	6927.7	6838.7	6790.1	6762.8	6737.6	6716.7	6692.2	6666.2
G2.0	6393.8	6426.8	6922.6	6866.2	6852.0	6858.2	6863.9	6859.1	6845.6	6809.4
G3.0	6350.4	6404.5	6921.3	6898.8	6924.0	6969.9	7014.4	7027.5	7021.1	6981.4
G4.0	6310.0	6384.3	6921.0	6934.6	7006.4	7105.7	7189.2	7241.2	7242.3	7193.5
G5.0	6271.7	6367.4	6924.2	6975.0	7096.9	7256.3	7382.0	7449.3	7456.4	7404.5
G6.0	6239.8	6352.2	6931.4	7020.6	7199.7	7415.1	7568.7	7646.3	7652.9	7598.3
G7.0	6213.2	6338.7	6938.3	7067.8	7309.6	7568.3	7731.8	7799.3	7805.2	7758.4
G8.0	6194.4	6326.5	6946.3	7120.8	7425.1	7713.2	7869.6	7923.5	7924.0	7883.6
G9.0	6185.9	6314.9	6960.0	7177.4	7543.0	7837.5	7975.9	8016.2	8012.6	7977.9
G10.0	6186.6	6306.4	6972.4	7239.2	7652.9	7945.8	8055.0	8086.1	8084.6	8057.9
G11.0	6199.5	6300.9	6986.2	7305.4	7759.3	8032.9	8118.1	8141.5	8143.3	8125.9
G12.0	6220.8	6301.5	7002.9	7382.1	7860.2	8103.6	8169.7	8188.5	8189.8	8180.7
G13.0	6247.2	6307.3	7021.9	7457.7	7949.5	8159.8	8207.1	8224.0	8225.2	8218.3
G14.0	6273.6	6320.8	7044.7	7536.4	8028.8	8205.0	8242.3	8253.3	8253.4	8247.0
G15.0	6300.0	6345.1	7069.6	7621.7	8098.8	8242.8	8269.0	8276.3	8279.1	8274.3
G16.0	6324.0	6376.1	7097.0	7705.2	8165.3	8273.1	8293.9	8297.9	8303.1	8303.4
G17.0	6346.1	6411.2	7125.1	7786.9	8221.2	8300.6	8311.8	8309.8	8322.4	8326.3
G18.0	6367.1	6453.4	7156.8	7866.0	8266.4	8322.0	8325.4	8321.2	8338.0	8344.9
G19.0	6386.9	6506.8	7192.6	7936.1	8300.1	8338.2	8334.1	8330.0	8352.7	8358.6
G20.0	6408.4	6563.2	7235.2	8009.6	8327.5	8353.3	8337.7	8336.8	8355.4	8368.0
G21.0	6433.2	6634.1	7288.3	8080.4	8354.0	8370.1	8338.7	8332.7	8337.7	8366.7
G22.0	6461.2	6715.1	7354.0	8152.4	8377.9	8385.7	8339.1	8306.3	8277.7	8338.2
G23.0	6490.5	6808.6	7428.4	8230.4	8409.6	8399.7	8330.9	8241.5	8181.3	8267.6
G24.0	6525.0	6910.5	7516.4	8310.7	8443.7	8408.7	8306.1	8139.6	8052.5	8157.9
G25.0	6560.2	7012.6	7613.3	8396.3	8484.5	8418.0	8251.1	8014.8	7904.5	8020.4
G26.0	6601.6	7111.4	7715.8	8486.8	8530.4	8427.2	8161.1	7863.5	7733.2	7860.5
G27.0	6641.0	7209.8	7824.9	8581.1	8582.5	8432.9	8045.1	7689.1	7535.5	7672.0
G28.0	6678.6	7309.8	7945.6	8675.4	8639.1	8424.5	7909.5	7482.1	7294.4	7465.5
G29.0	6713.2	7411.0	8067.6	8769.2	8698.6	8394.7	7758.7	7243.8	7017.4	7227.5
G30.0	6743.3	7522.7	8193.1	8862.7	8756.8	8339.2	7576.1	6953.4	6682.1	6937.5
G31.0	6767.1	7641.9	8333.2	8958.9	8814.3	8260.7	7363.3	6610.2	6318.3	6598.3
G32.0	6781.8	7771.7	8476.8	9055.4	8861.2	8162.5	7126.1	6241.5	5899.2	6221.9
G33.0	6781.3	7904.7	8640.8	9157.7	8904.9	8042.6	6843.0	5838.5	5419.9	5797.7
G34.0	6763.0	8036.6	8804.0	9260.5	8943.3	7908.9	6538.3	5382.1	4860.7	5321.3
G35.0	6726.6	8166.4	8989.3	9365.7	8969.4	7749.7	6205.9	4862.3	4272.2	4780.2
G36.0	6664.2	8285.0	9175.1	9465.3	8978.1	7567.4	5818.8	4294.2	3702.7	4223.4

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C150.0	C165.0	C180.0	C195.0	C210.0	C225.0	C240.0	C255.0	C270.0	C285.0
G37.0	6586.4	8399.7	9379.1	9560.2	8970.5	7352.7	5394.5	3731.6	3166.3	3665.1
G38.0	6484.8	8502.0	9577.2	9646.3	8942.3	7116.5	4935.1	3194.2	2689.7	3174.7
G39.0	6363.9	8586.1	9781.3	9728.4	8893.0	6843.3	4396.1	2684.2	2234.2	2730.9
G40.0	6226.3	8648.3	9964.1	9802.4	8824.2	6531.8	3867.8	2212.1	1830.9	2309.6
G41.0	6070.6	8676.8	10126.0	9870.3	8730.7	6181.1	3333.2	1783.3	1483.5	1913.0
G42.0	5907.1	8675.1	10255.0	9917.3	8612.8	5803.1	2854.5	1459.9	1260.8	1579.6
G43.0	5735.9	8646.2	10362.1	9937.8	8459.8	5394.5	2406.9	1234.4	1126.3	1321.5
G44.0	5551.3	8588.4	10433.8	9928.1	8280.2	4953.2	2002.9	1100.0	1055.7	1161.7
G45.0	5358.6	8507.5	10479.0	9887.1	8064.4	4477.7	1644.9	1024.5	1007.5	1070.7
G46.0	5134.3	8387.8	10499.4	9814.3	7804.7	4010.3	1370.4	980.0	977.0	1016.0
G47.0	4891.5	8247.2	10497.8	9713.4	7502.9	3544.5	1169.7	948.8	955.7	979.6
G48.0	4604.5	8054.1	10475.1	9588.9	7158.4	3110.8	1043.4	929.8	940.3	952.7
G49.0	4300.7	7834.6	10424.7	9437.7	6787.1	2685.5	968.6	912.6	928.0	933.5
G50.0	3979.3	7586.9	10341.0	9268.5	6391.4	2281.8	926.8	900.2	915.8	916.7
G51.0	3659.1	7310.9	10221.7	9056.8	5966.7	1894.9	901.3	889.7	905.7	903.7
G52.0	3353.6	6981.4	10060.0	8818.1	5543.3	1562.6	882.8	881.7	898.8	892.2
G53.0	3066.5	6603.1	9848.8	8539.6	5082.5	1272.7	867.9	875.2	895.0	884.9
G54.0	2796.3	6151.3	9563.0	8206.8	4622.9	1073.4	854.3	870.7	890.6	878.2
G55.0	2533.7	5672.7	9189.6	7793.7	4124.0	945.9	842.7	865.4	882.1	872.2
G56.0	2278.7	5157.3	8734.5	7316.5	3635.0	880.0	832.5	857.6	867.7	861.2
G57.0	2034.2	4653.0	8168.3	6730.7	3108.7	839.2	821.8	843.6	850.0	846.8
G58.0	1784.4	4146.0	7570.4	6110.7	2623.4	812.2	810.1	825.0	834.8	826.4
G59.0	1539.9	3635.8	6933.0	5458.6	2131.4	791.5	796.8	806.9	821.3	807.5
G60.0	1310.8	3158.2	6277.0	4808.7	1679.4	775.2	784.1	789.9	807.8	791.9
G61.0	1120.4	2684.2	5598.6	4176.3	1320.4	757.8	770.0	772.7	796.3	776.1
G62.0	975.9	2254.1	4917.6	3560.5	1077.8	742.2	750.4	757.5	784.8	759.4
G63.0	877.7	1868.8	4208.2	2953.6	935.6	725.2	727.1	742.2	771.6	744.5
G64.0	806.2	1523.6	3516.5	2417.4	851.2	707.1	705.7	726.8	759.1	729.4
G65.0	747.3	1239.7	2851.6	1917.6	793.3	685.3	684.6	712.2	745.6	715.6
G66.0	699.7	1043.6	2251.3	1510.1	746.1	657.1	665.1	698.2	729.6	702.7
G67.0	658.9	900.9	1753.7	1213.5	705.1	615.3	644.0	682.8	710.6	688.3
G68.0	615.1	799.3	1386.4	1027.5	665.6	575.7	620.9	667.6	688.8	673.9
G69.0	571.6	721.5	1142.6	903.7	630.7	543.4	594.1	649.5	663.8	654.6
G70.0	536.5	660.6	990.4	814.5	586.7	509.9	563.5	629.4	637.8	632.1
G71.0	503.9	602.1	878.0	744.5	548.6	475.5	534.8	606.4	611.2	606.0
G72.0	470.0	550.5	787.1	685.3	513.8	442.7	504.1	581.6	586.5	577.8
G73.0	429.6	502.3	700.5	621.6	481.0	411.3	476.4	554.3	559.4	548.4

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C150.0	C165.0	C180.0	C195.0	C210.0	C225.0	C240.0	C255.0	C270.0	C285.0
G74.0	388.8	458.9	622.3	561.5	447.7	382.8	448.1	525.4	530.7	516.3
G75.0	349.7	415.8	553.4	508.2	416.3	357.5	418.1	497.2	500.4	486.9
G76.0	316.3	374.7	471.8	462.8	383.5	333.2	387.9	467.7	466.7	456.2
G77.0	283.0	331.4	377.8	419.1	353.5	312.8	358.3	439.4	418.3	426.8
G78.0	255.0	290.8	317.7	375.4	318.3	288.7	328.4	409.4	350.2	396.6
G79.0	227.5	254.8	270.0	330.3	281.7	260.1	300.2	377.7	324.7	365.6
G80.0	206.0	223.2	224.5	286.9	241.7	226.9	269.0	343.8	312.1	330.0
G81.0	184.7	194.3	186.9	247.5	209.2	197.2	238.1	308.5	301.9	294.5
G82.0	162.9	155.1	159.6	211.7	178.0	169.7	208.0	271.8	290.3	257.1
G83.0	139.0	115.6	135.5	173.4	149.8	148.2	177.1	235.3	277.3	217.0
G84.0	119.5	95.7	118.3	123.9	125.9	128.4	151.1	184.4	255.5	172.5
G85.0	95.7	81.2	105.3	97.2	103.0	109.9	128.9	162.1	216.5	152.3
G86.0	73.4	69.7	93.6	80.7	81.9	91.1	108.0	136.9	174.1	126.8
G87.0	58.7	57.1	82.8	67.4	65.6	73.2	87.4	100.4	130.1	92.9
G88.0	40.4	42.9	66.0	54.6	49.1	53.4	65.8	73.6	86.0	67.4
G89.0	21.6	25.2	45.6	42.9	38.5	36.2	43.4	46.8	46.5	40.3
G90.0	8.9	13.3	24.5	28.7	26.2	19.0	22.5	21.5	16.8	15.8
G91.0	2.8	4.4	12.4	14.4	11.5	4.3	4.1	1.8	1.9	0.4
G92.0	2.8	5.7	6.9	5.5	2.3	0.7	0.2	0.0	0.0	0.0
G93.0	3.4	5.3	5.7	4.3	1.9	0.5	0.4	0.0	0.5	0.9
G94.0	4.1	6.9	7.6	5.5	3.5	1.1	0.2	0.9	0.9	1.1
G95.0	4.6	7.8	7.6	6.0	3.7	1.2	0.7	0.0	0.9	1.1
G96.0	5.3	7.5	8.5	6.6	3.5	1.2	0.5	0.0	1.1	1.1
G97.0	6.2	8.3	9.6	7.6	5.0	1.6	1.2	1.2	0.2	0.4
G98.0	7.1	9.0	10.8	8.7	5.5	2.1	1.4	1.4	0.2	1.2
G99.0	7.5	10.3	12.2	9.7	5.3	2.7	0.9	1.6	0.5	1.6
G100.0	8.2	12.2	12.8	10.8	6.6	3.4	1.2	1.6	0.7	1.2
G101.0	9.2	12.4	14.2	11.3	7.3	3.4	1.6	1.1	1.9	1.2
G102.0	10.6	13.5	15.1	12.8	8.9	4.4	1.9	2.1	2.1	2.1
G103.0	10.8	15.8	16.3	14.2	9.4	4.8	2.1	2.1	1.1	1.6
G104.0	12.1	15.6	17.5	14.5	10.3	5.3	3.2	2.3	1.4	1.9
G105.0	13.1	17.5	19.1	16.1	10.6	6.4	2.8	1.6	2.5	2.3
G106.0	14.7	17.9	19.7	17.4	12.1	6.4	4.3	1.9	3.0	3.0
G107.0	16.0	19.0	21.3	17.7	12.8	8.0	4.6	3.2	1.9	2.8
G108.0	17.0	20.2	22.3	18.6	13.8	8.9	5.3	2.8	2.3	3.4
G109.0	17.2	22.0	23.1	20.6	15.1	9.2	5.5	3.0	2.5	3.2
G110.0	19.1	22.3	24.8	21.8	16.0	10.5	5.7	4.3	4.1	3.7

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C150.0	C165.0	C180.0	C195.0	C210.0	C225.0	C240.0	C255.0	C270.0	C285.0
G111.0	19.3	24.1	26.2	23.1	17.2	11.0	6.7	4.8	3.5	4.1
G112.0	20.0	25.0	27.1	23.1	17.9	12.2	6.9	4.4	5.0	5.3
G113.0	22.0	25.9	27.7	23.9	18.8	12.1	8.0	5.1	4.1	5.9
G114.0	22.2	27.1	29.3	25.2	19.7	14.0	8.0	5.7	5.9	5.7
G115.0	23.1	27.8	29.8	27.3	20.9	14.0	9.6	6.4	5.1	6.7
G116.0	23.9	28.0	30.9	27.1	22.0	14.7	9.7	6.7	5.7	6.7
G117.0	25.7	29.8	32.3	27.8	23.1	16.8	10.5	7.5	7.3	7.3
G118.0	25.9	29.4	32.3	28.9	23.9	17.9	11.2	8.2	6.9	7.8
G119.0	27.5	31.0	33.7	31.0	24.8	18.6	12.1	9.0	7.5	8.5
G120.0	27.3	31.2	34.7	30.7	25.9	18.6	13.3	9.4	7.8	9.4
G121.0	28.2	31.6	35.5	32.8	27.1	20.7	14.0	10.6	9.7	10.1
G122.0	28.7	33.2	36.0	32.5	28.0	21.5	15.1	11.0	9.2	10.6
G123.0	30.0	33.0	36.9	34.0	28.4	22.7	15.4	12.2	11.2	12.1
G124.0	30.3	34.2	37.4	33.9	29.3	22.3	17.0	12.9	10.8	12.2
G125.0	30.7	34.6	37.9	35.1	30.3	24.3	17.5	13.8	12.8	13.7
G126.0	31.9	35.1	37.8	35.3	31.0	24.3	18.4	14.0	13.7	14.4
G127.0	32.1	34.9	39.2	36.2	31.7	25.2	19.3	15.8	14.5	14.5
G128.0	32.6	36.2	38.8	37.1	32.6	25.9	20.4	15.4	14.2	16.1
G129.0	34.0	35.8	40.1	37.8	33.2	27.7	21.5	17.5	16.0	17.0
G130.0	34.2	36.3	40.6	38.1	34.2	27.5	22.0	18.6	16.0	16.8
G131.0	34.7	37.8	41.3	38.8	34.6	28.4	23.1	19.5	17.9	18.8
G132.0	35.8	38.3	41.8	39.4	35.5	30.1	23.6	19.3	17.9	19.7
G133.0	36.3	38.1	41.1	39.9	36.2	30.1	24.3	21.3	19.7	20.4
G134.0	37.2	38.5	42.5	40.4	37.1	30.9	25.9	22.2	19.3	21.5
G135.0	37.9	39.0	43.1	41.3	37.6	32.6	26.1	21.8	20.2	21.8
G136.0	38.8	39.7	43.4	42.2	38.7	33.3	26.9	22.9	21.1	21.8
G137.0	39.4	40.1	42.9	42.7	39.0	34.4	28.4	23.8	22.0	22.5
G138.0	40.1	40.6	43.3	42.5	40.1	34.4	29.4	25.5	22.9	23.8
G139.0	40.8	42.4	45.0	43.8	41.0	35.8	29.8	25.4	23.8	24.5
G140.0	41.7	41.8	45.2	44.7	41.0	36.0	31.4	27.3	24.7	26.2
G141.0	42.5	42.5	44.5	45.2	42.2	36.7	32.3	27.3	25.5	26.9
G142.0	43.3	44.3	46.1	45.7	43.3	37.8	32.3	28.2	27.5	26.9
G143.0	44.0	43.8	47.0	45.4	43.1	39.2	34.2	30.0	28.2	28.7
G144.0	44.7	44.7	47.9	47.0	44.7	39.9	34.9	29.8	27.8	28.5
G145.0	45.4	45.4	47.5	46.6	45.4	41.0	35.8	31.9	30.0	30.3
G146.0	46.3	47.3	49.1	48.8	45.6	41.7	37.1	31.7	30.9	31.0
G147.0	47.5	48.2	49.1	49.5	46.8	42.2	37.6	32.6	30.7	31.2

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C150.0	C165.0	C180.0	C195.0	C210.0	C225.0	C240.0	C255.0	C270.0	C285.0
G148.0	48.2	48.1	50.0	49.5	47.7	43.4	37.4	33.7	32.6	33.0
G149.0	48.9	48.8	51.1	51.1	48.6	43.4	38.3	35.5	33.7	33.5
G150.0	49.7	49.7	52.1	51.8	48.2	44.9	39.4	36.2	33.5	33.9
G151.0	50.7	51.1	53.2	51.8	50.0	45.2	40.1	36.2	34.2	35.1
G152.0	51.8	51.6	54.3	53.4	50.9	46.5	41.0	37.2	35.1	35.5
G153.0	51.8	52.8	55.9	54.4	51.8	47.3	42.2	39.2	37.4	36.9
G154.0	52.7	53.9	56.7	54.8	52.8	48.2	42.9	39.0	38.5	37.2
G155.0	53.9	54.6	57.6	56.4	53.7	48.8	43.6	40.3	38.1	38.3
G156.0	54.3	55.3	58.2	56.2	54.1	49.5	45.2	42.0	40.1	39.2
G157.0	54.4	56.2	59.4	57.6	54.4	49.5	45.6	42.0	41.1	40.3
G158.0	55.3	56.6	59.7	58.3	55.3	50.5	46.5	42.7	41.0	41.1
G159.0	55.9	56.7	60.1	59.0	55.7	51.8	47.0	43.8	41.8	41.7
G160.0	55.9	58.0	60.5	59.6	56.2	52.1	48.2	45.4	43.6	43.1
G161.0	56.9	58.0	61.3	59.9	55.9	52.3	48.9	46.3	44.5	43.6
G162.0	57.1	58.2	61.9	60.1	56.6	53.2	49.8	46.6	45.6	44.9
G163.0	57.5	58.3	62.1	60.6	57.1	54.1	50.7	48.2	46.5	45.9
G164.0	57.3	58.5	62.4	60.8	57.3	54.1	51.6	48.4	47.5	47.2
G165.0	57.8	59.6	62.6	61.3	57.8	55.1	51.9	50.0	47.7	48.2
G166.0	58.7	59.0	62.6	61.5	58.9	55.9	53.0	50.0	49.5	49.3
G167.0	58.7	59.9	62.9	61.5	59.2	55.9	53.4	51.8	50.5	49.3
G168.0	58.5	60.3	63.1	61.7	58.9	56.9	54.1	52.8	51.4	51.2
G169.0	58.7	60.3	63.3	61.7	59.7	57.6	55.0	52.7	51.2	51.2
G170.0	59.0	60.1	63.5	61.7	59.2	57.3	55.5	54.4	52.3	51.8
G171.0	58.9	59.4	63.3	61.9	59.7	57.5	55.9	55.1	53.2	52.8
G172.0	58.9	60.1	63.5	61.5	60.1	57.6	56.4	55.9	55.1	53.5
G173.0	58.9	59.0	63.8	61.5	60.1	59.0	56.7	55.9	54.8	55.3
G174.0	59.2	59.2	64.0	61.7	59.9	59.2	57.3	57.3	56.6	55.1
G175.0	59.0	58.9	63.8	61.5	60.3	58.5	57.6	57.8	57.5	55.9
G176.0	58.9	59.9	63.1	61.5	60.1	58.9	58.2	57.1	58.0	57.5
G177.0	59.0	58.9	63.8	61.9	60.1	59.4	59.6	57.8	57.5	57.3
G178.0	58.7	58.5	62.9	61.5	60.5	60.1	59.9	59.2	58.7	57.6
G179.0	58.7	58.3	62.9	62.1	60.5	59.4	58.9	59.2	59.0	58.7
G180.0	58.9	58.7	62.9	61.2	61.2	59.2	59.0	59.6	59.2	58.7

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Candlepower Table (Continue 10)

Unit: cd

G\C	C300.0	C315.0	C330.0	C345.0	C360.0					
G0.0	6531.8	6512.6	6497.2	6483.7	6936.4					
G1.0	6635.7	6599.3	6560.0	6521.0	6949.0					
G2.0	6761.7	6701.8	6633.9	6564.1	6966.2					
G3.0	6913.9	6819.6	6718.8	6610.7	6984.1					
G4.0	7093.5	6959.8	6810.3	6664.1	7001.8					
G5.0	7290.3	7110.7	6907.7	6716.2	7023.8					
G6.0	7482.0	7281.8	7019.4	6775.0	7047.0					
G7.0	7645.8	7441.9	7142.1	6837.3	7069.0					
G8.0	7785.3	7596.0	7273.6	6900.9	7092.6					
G9.0	7896.0	7724.2	7402.7	6968.1	7114.9					
G10.0	7986.8	7836.9	7527.0	7039.6	7139.1					
G11.0	8063.7	7936.4	7643.3	7115.7	7165.5					
G12.0	8135.9	8020.1	7754.5	7202.2	7193.1					
G13.0	8191.5	8095.4	7854.5	7293.5	7223.8					
G14.0	8234.3	8159.5	7943.3	7386.9	7256.6					
G15.0	8263.5	8210.7	8017.6	7481.1	7297.4					
G16.0	8287.8	8249.9	8082.3	7576.8	7341.0					
G17.0	8311.6	8278.6	8137.8	7666.5	7392.1					
G18.0	8333.9	8300.6	8191.9	7760.9	7455.9					
G19.0	8351.3	8321.2	8236.4	7855.5	7535.5					
G20.0	8365.3	8347.2	8286.9	7960.9	7629.3					
G21.0	8380.2	8380.7	8335.7	8068.9	7735.2					
G22.0	8391.5	8418.0	8395.5	8182.1	7851.7					
G23.0	8395.3	8455.4	8454.1	8290.5	7980.2					
G24.0	8372.9	8491.9	8521.3	8400.9	8115.3					
G25.0	8320.1	8528.4	8584.5	8510.9	8255.0					
G26.0	8232.7	8561.1	8655.2	8623.8	8409.1					
G27.0	8114.4	8588.0	8724.7	8739.8	8567.4					
G28.0	7977.7	8596.9	8803.1	8858.6	8738.0					
G29.0	7822.9	8581.8	8881.4	8980.2	8907.9					
G30.0	7642.6	8538.2	8962.3	9110.5	9086.2					
G31.0	7421.5	8468.7	9047.6	9244.6	9272.1					
G32.0	7180.0	8375.4	9129.1	9384.3	9464.4					
G33.0	6894.7	8263.9	9210.0	9527.7	9654.1					
G34.0	6579.8	8143.3	9278.8	9672.4	9848.5					
G35.0	6210.0	7997.6	9328.4	9816.7	10040.0					
G36.0	5811.2	7838.9	9354.5	9966.4	10233.4					

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Candlepower Table (Continue 11)

Unit: cd

G\C	C300.0	C315.0	C330.0	C345.0	C360.0					
G37.0	5346.7	7635.9	9360.9	10106.3	10417.3					
G38.0	4846.1	7398.6	9347.2	10235.5	10588.7					
G39.0	4315.3	7119.4	9318.0	10349.4	10741.9					
G40.0	3802.3	6809.3	9278.4	10440.1	10879.7					
G41.0	3315.6	6441.9	9216.4	10501.3	10993.7					
G42.0	2889.9	6041.7	9128.6	10527.7	11089.6					
G43.0	2484.1	5597.9	8994.6	10525.4	11163.6					
G44.0	2100.7	5112.3	8815.0	10499.5	11223.3					
G45.0	1764.7	4594.4	8571.0	10450.1	11258.1					
G46.0	1473.2	4118.8	8281.3	10378.4	11265.9					
G47.0	1257.3	3668.5	7927.0	10272.9	11239.3					
G48.0	1115.6	3267.6	7524.5	10127.7	11167.5					
G49.0	1032.3	2861.4	7088.5	9924.5	11039.6					
G50.0	980.5	2468.5	6600.9	9680.4	10846.5					
G51.0	943.8	2048.6	6066.2	9364.4	10587.5					
G52.0	917.2	1691.7	5530.0	8999.2	10239.6					
G53.0	896.6	1382.1	4992.8	8571.5	9803.4					
G54.0	880.0	1154.4	4486.2	8058.6	9263.7					
G55.0	863.8	1024.7	3979.8	7468.5	8638.2					
G56.0	850.7	944.5	3485.1	6831.3	7967.4					
G57.0	836.0	892.0	2973.4	6170.3	7236.9					
G58.0	823.4	853.7	2455.0	5510.9	6477.7					
G59.0	809.4	824.1	2000.9	4819.0	5704.8					
G60.0	794.9	801.2	1612.1	4166.5	4905.4					
G61.0	777.1	779.3	1314.0	3536.2	4138.5					
G62.0	756.7	758.7	1105.3	2940.6	3403.0					
G63.0	730.5	738.7	972.3	2378.6	2729.5					
G64.0	707.3	714.0	882.5	1914.2	2124.3					
G65.0	682.1	684.9	814.2	1540.6	1625.9					
G66.0	659.9	639.4	760.5	1260.5	1285.5					
G67.0	636.9	595.2	711.5	1075.4	1078.4					
G68.0	608.9	560.3	670.4	943.6	947.0					
G69.0	578.4	527.3	627.3	852.5	838.3					
G70.0	545.0	490.3	583.7	778.5	751.2					
G71.0	514.9	456.6	545.6	711.9	672.9					
G72.0	484.9	424.5	512.2	649.7	606.2					
G73.0	458.5	395.6	478.9	591.3	542.2					

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Candlepower Table (Continue 12)

Unit: cd

G\C	C300.0	C315.0	C330.0	C345.0	C360.0					
G74.0	430.7	371.6	442.9	539.5	447.3					
G75.0	401.9	351.9	410.6	490.8	362.1					
G76.0	371.8	330.5	378.2	444.1	310.5					
G77.0	344.9	307.8	343.4	395.2	257.8					
G78.0	318.4	280.5	306.2	347.3	211.9					
G79.0	291.3	249.1	265.8	301.4	174.8					
G80.0	261.2	214.5	226.1	256.6	145.2					
G81.0	230.0	185.3	193.3	214.7	123.6					
G82.0	197.9	159.7	161.5	176.2	108.7					
G83.0	168.3	137.2	132.5	129.8	95.7					
G84.0	140.4	117.4	107.3	97.9	84.9					
G85.0	118.4	99.5	85.6	79.8	74.5					
G86.0	96.5	81.0	68.1	67.0	58.5					
G87.0	75.7	62.4	48.8	55.0	38.5					
G88.0	54.4	43.4	38.1	42.9	19.9					
G89.0	34.4	25.4	29.3	29.8	9.0					
G90.0	14.5	9.4	13.5	14.4	4.8					
G91.0	0.5	1.1	3.2	3.9	5.3					
G92.0	0.7	0.9	2.1	3.7	6.0					
G93.0	0.0	1.1	2.5	4.3	7.1					
G94.0	0.0	1.4	3.0	4.8	8.0					
G95.0	0.2	1.8	3.7	5.9	8.9					
G96.0	0.4	2.1	4.4	6.6	9.6					
G97.0	1.6	1.9	4.4	8.5	10.6					
G98.0	0.7	2.1	5.9	9.4	11.5					
G99.0	0.9	3.5	5.9	9.2	12.8					
G100.0	1.2	4.1	6.6	9.9	13.3					
G101.0	1.4	3.5	8.2	11.9	14.7					
G102.0	1.8	4.1	8.9	12.9	15.4					
G103.0	2.3	4.8	8.9	13.1	16.7					
G104.0	3.4	5.3	10.6	14.7	17.7					
G105.0	3.2	5.9	10.5	14.7	18.8					
G106.0	3.5	6.7	11.5	16.0	19.7					
G107.0	5.0	7.3	12.4	16.8	20.7					
G108.0	5.1	9.2	13.1	18.4	21.8					
G109.0	5.1	9.7	14.0	19.5	23.1					
G110.0	5.7	9.6	16.1	20.6	23.9					

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Candlepower Table (Continue 13)

Unit: cd

G\C	C300.0	C315.0	C330.0	C345.0	C360.0					
G111.0	6.4	11.3	16.0	21.1	25.0					
G112.0	6.9	11.3	18.1	22.3	25.9					
G113.0	7.6	12.1	17.7	23.4	26.6					
G114.0	8.3	13.1	18.8	24.3	27.5					
G115.0	9.4	14.0	20.7	24.8	28.5					
G116.0	9.6	15.3	20.6	25.9	29.4					
G117.0	10.3	16.0	21.6	26.8	30.1					
G118.0	10.8	16.8	22.3	27.7	30.7					
G119.0	11.7	17.2	23.1	29.1	31.2					
G120.0	13.3	18.3	23.9	29.8	32.5					
G121.0	13.1	19.0	25.7	29.4	32.3					
G122.0	14.7	19.9	25.7	31.0	33.3					
G123.0	15.8	20.9	26.6	31.7	34.2					
G124.0	15.4	21.8	27.3	32.6	34.4					
G125.0	17.2	22.2	28.2	32.8	35.5					
G126.0	18.1	23.4	29.4	32.8	36.0					
G127.0	18.8	24.3	30.1	33.3	36.2					
G128.0	18.4	24.8	30.5	33.9	36.3					
G129.0	19.5	25.0	30.9	35.3	37.8					
G130.0	20.0	25.9	31.7	34.9	38.1					
G131.0	21.8	26.6	32.5	36.3	38.1					
G132.0	22.9	26.9	33.0	36.9	38.1					
G133.0	22.7	29.1	33.5	36.5	38.8					
G134.0	23.8	29.6	33.7	36.9	40.1					
G135.0	24.5	29.1	34.9	38.1	39.5					
G136.0	25.4	29.8	35.5	37.6	41.0					
G137.0	26.2	30.7	35.6	38.8	41.5					
G138.0	27.3	32.1	35.6	38.7	41.8					
G139.0	27.8	31.9	36.7	39.4	42.5					
G140.0	28.5	32.6	37.4	39.9	42.9					
G141.0	29.4	34.2	37.8	39.5	42.5					
G142.0	30.3	34.7	37.6	41.0	43.3					
G143.0	31.0	34.4	37.9	41.3	44.1					
G144.0	32.1	34.9	39.7	42.0	44.9					
G145.0	32.3	36.0	39.2	42.4	45.4					
G146.0	33.2	36.5	40.8	43.3	46.5					
G147.0	34.4	37.2	40.4	43.1	48.2					

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector:

Candlepower Table (Continue 14)

Unit: cd

G\C	C300.0	C315.0	C330.0	C345.0	C360.0					
G148.0	35.1	37.9	42.2	44.3	48.2					
G149.0	34.9	39.2	41.8	44.9	50.2					
G150.0	36.7	39.2	43.6	46.5	51.2					
G151.0	36.7	40.3	43.4	46.6	51.1					
G152.0	37.9	40.8	45.2	47.3	51.9					
G153.0	38.1	41.7	45.7	48.8	54.1					
G154.0	38.7	42.2	46.1	49.8	54.6					
G155.0	40.4	43.3	47.2	49.8	54.3					
G156.0	40.3	43.8	47.0	51.1	55.3					
G157.0	42.4	44.1	48.4	51.1	56.9					
G158.0	42.9	45.6	48.4	52.5	57.5					
G159.0	43.8	45.4	49.1	52.7	56.7					
G160.0	44.7	46.1	50.4	53.5	58.5					
G161.0	44.7	47.2	51.1	54.1	59.0					
G162.0	46.6	48.8	51.4	53.5	58.2					
G163.0	46.5	49.7	51.9	54.8	58.5					
G164.0	48.2	50.4	52.7	55.0	58.9					
G165.0	49.3	51.1	52.5	55.3	59.0					
G166.0	49.3	51.9	53.5	55.7	59.2					
G167.0	50.2	52.5	53.4	55.9	59.7					
G168.0	51.1	52.3	54.6	55.7	59.9					
G169.0	52.8	53.9	54.8	55.7	61.2					
G170.0	52.7	53.5	54.8	56.2	60.5					
G171.0	53.4	55.3	56.0	56.4	60.5					
G172.0	55.1	54.8	56.2	57.1	61.9					
G173.0	55.1	56.2	56.0	57.6	61.0					
G174.0	55.5	56.6	57.3	57.3	61.2					
G175.0	57.1	56.2	56.9	57.3	61.3					
G176.0	56.7	56.9	57.3	57.5	62.4					
G177.0	57.8	57.3	57.6	58.5	62.4					
G178.0	57.5	57.6	58.0	57.8	61.3					
G179.0	58.5	58.2	59.0	58.9	62.4					
G180.0	58.9	59.2	59.2	59.4	61.7					

C Plane (°):0.0-360.0: 15.0

Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L
Distance: 6.832 m
Humidity:
Inspector: