

Report No.: 1

Test Time: 2016/1/25 14:30

Luminaire Property

Luminaire Manufacturer:
Voltage: 220 V
Power: 10.55 W

Current: 0.051 A
Power Factor: 0.955

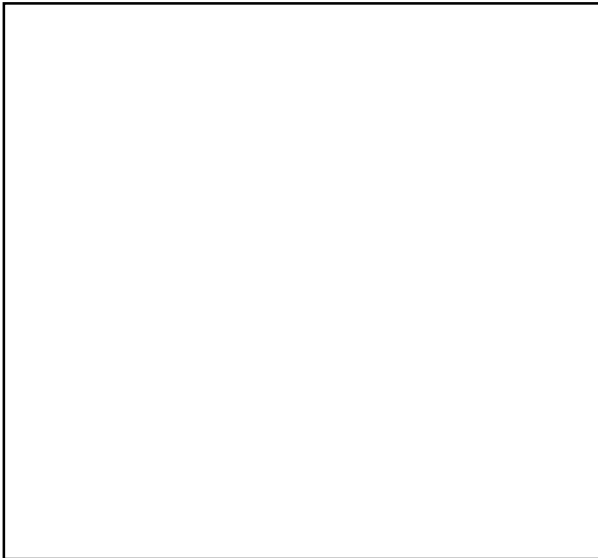
Photometric Results

CIE Class: Semi-Direct
Measurement Flux: 974.4 lm
Downward Ratio: 86%
Horizontal Diffuse Angle(50%): H109.3
Vertical Diffuse Angle(50%): V161.8
Luminaire Efficacy Rating (LER): 92
Max. Intensity: 229.48 cd

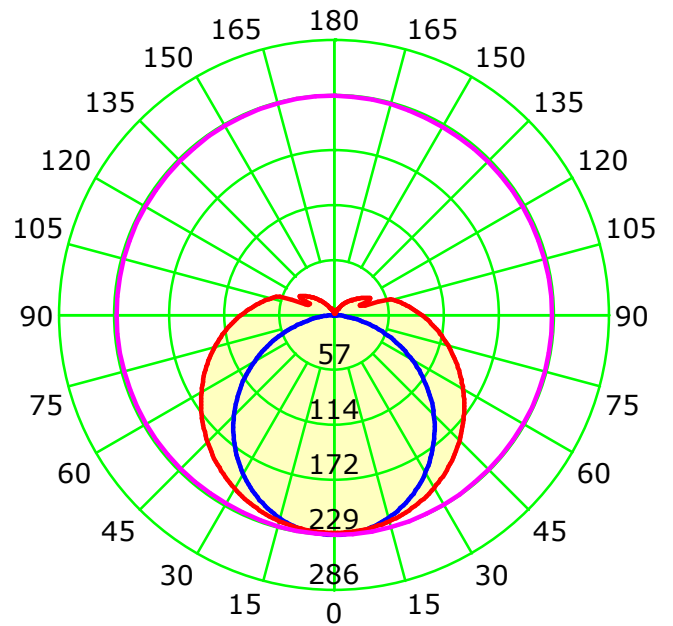
Total Rated Lamp Lumens: 974.4 lm
Efficiency: 100%
Upward Ratio: 14%

Central Intensity: 229.48 cd
Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



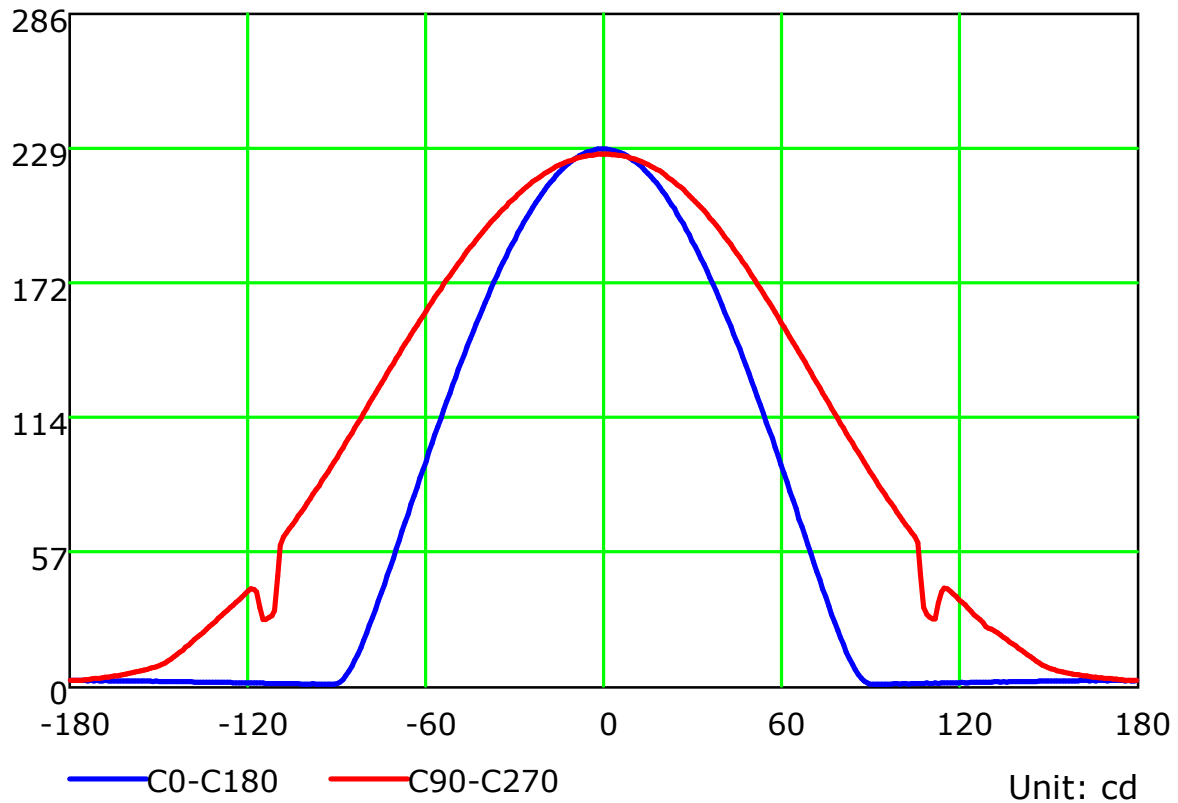
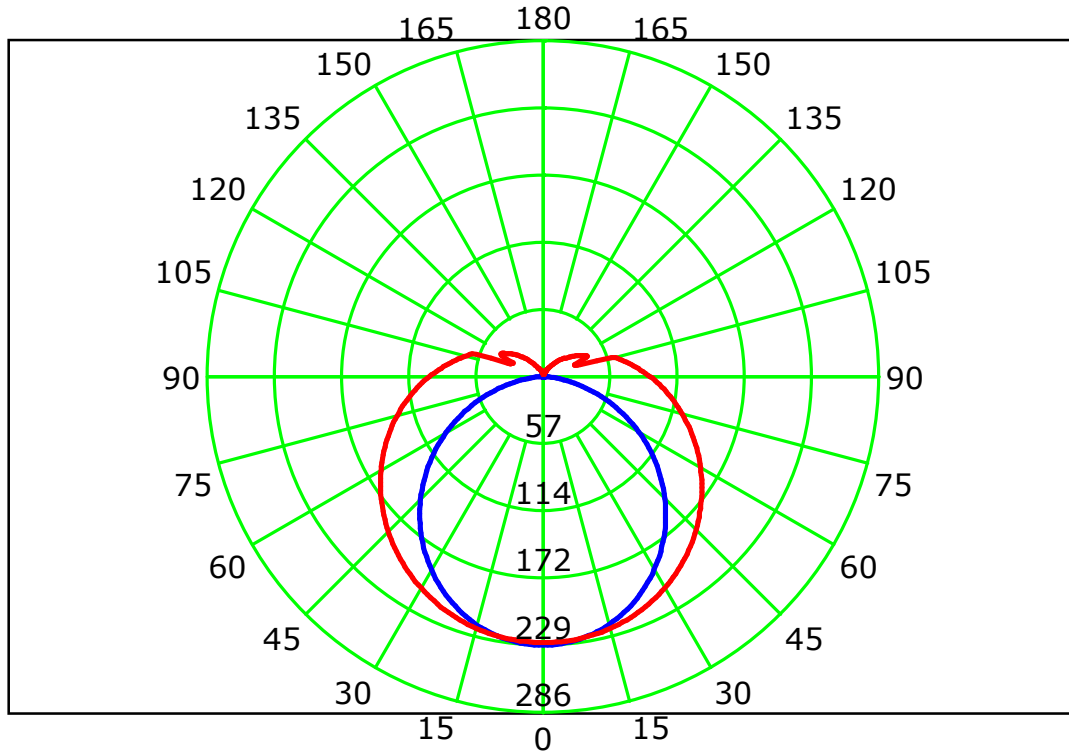
Average Diffuse Angle(50%): 135.6° Unit: cd

— C0-C180 — C90-C270 — G0

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.062 m
Humidity:
Inspector:

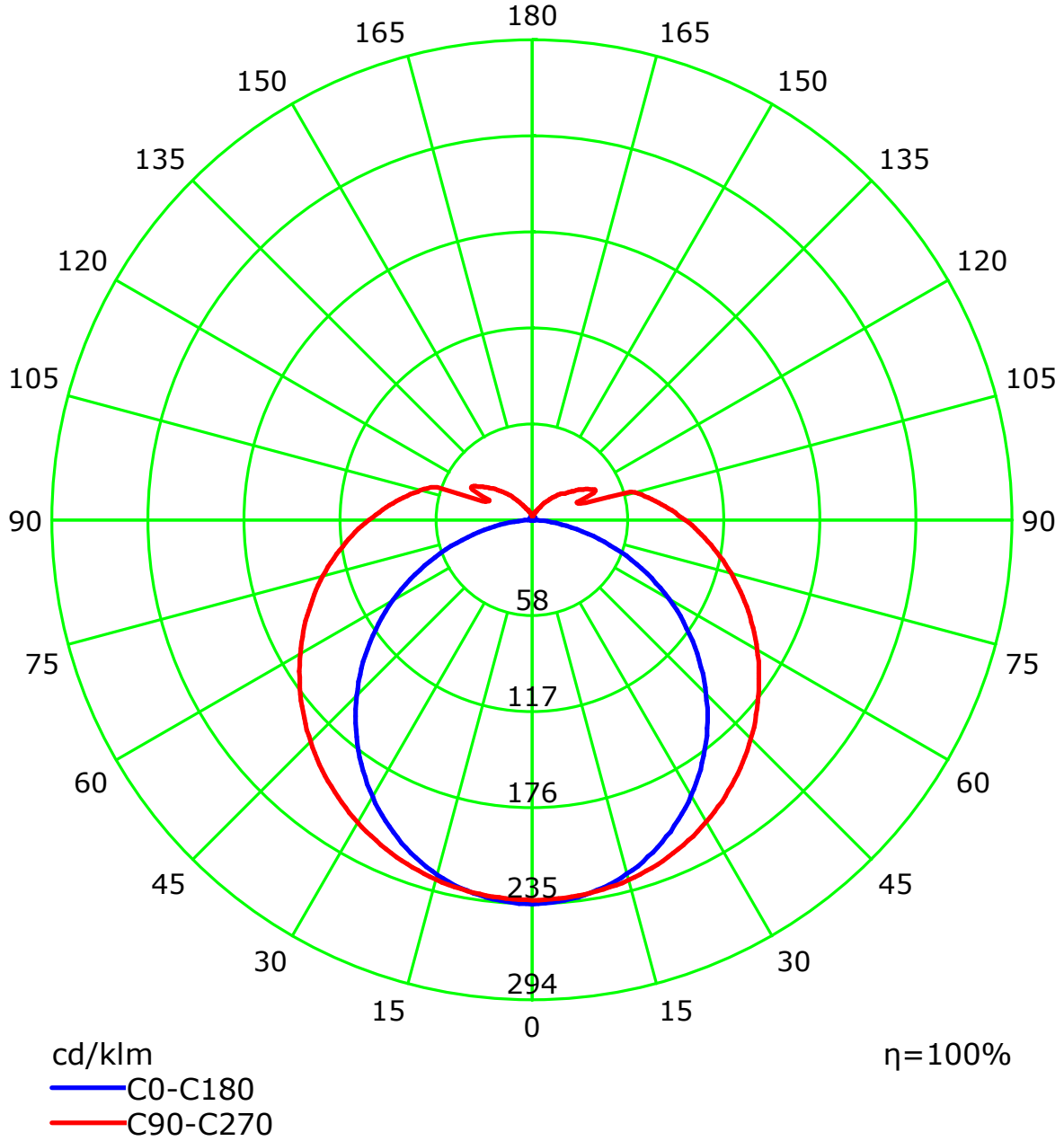
Luminous Intensity Distribution Curve



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

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 8.062 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



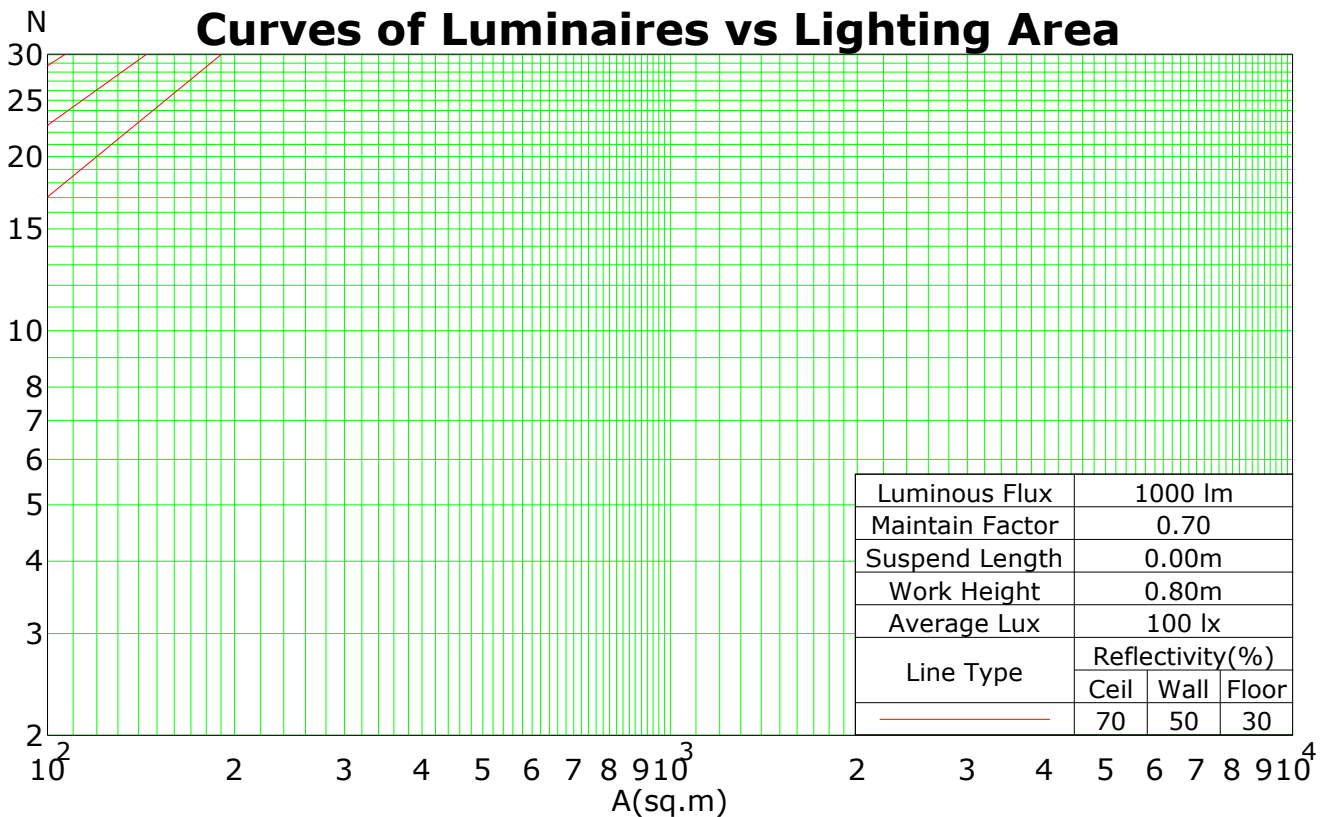
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.062 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	116	116	116	116	111	111	111	111	103	103	103	96	96	96	89	89	89	86
1	103	97	91	86	98	93	88	84	86	82	78	79	76	73	73	71	69	65
2	92	83	75	68	88	79	72	66	73	68	62	68	63	59	63	59	55	52
3	83	72	63	55	80	69	61	54	64	57	51	59	53	48	55	50	46	43
4	76	63	54	46	72	61	52	45	56	49	43	52	46	41	48	43	39	36
5	70	56	46	39	66	54	45	38	50	43	37	47	40	35	43	38	33	31
6	64	50	41	34	61	48	40	33	45	37	32	42	35	30	39	33	29	27
7	59	45	36	30	57	44	35	29	41	33	28	38	32	27	36	30	26	23
8	55	41	32	26	53	40	32	26	37	30	25	35	28	24	33	27	23	21
9	51	38	29	23	49	36	28	23	34	27	22	32	26	21	30	25	20	18
10	48	35	26	21	46	34	26	21	32	25	20	30	24	19	28	22	19	17

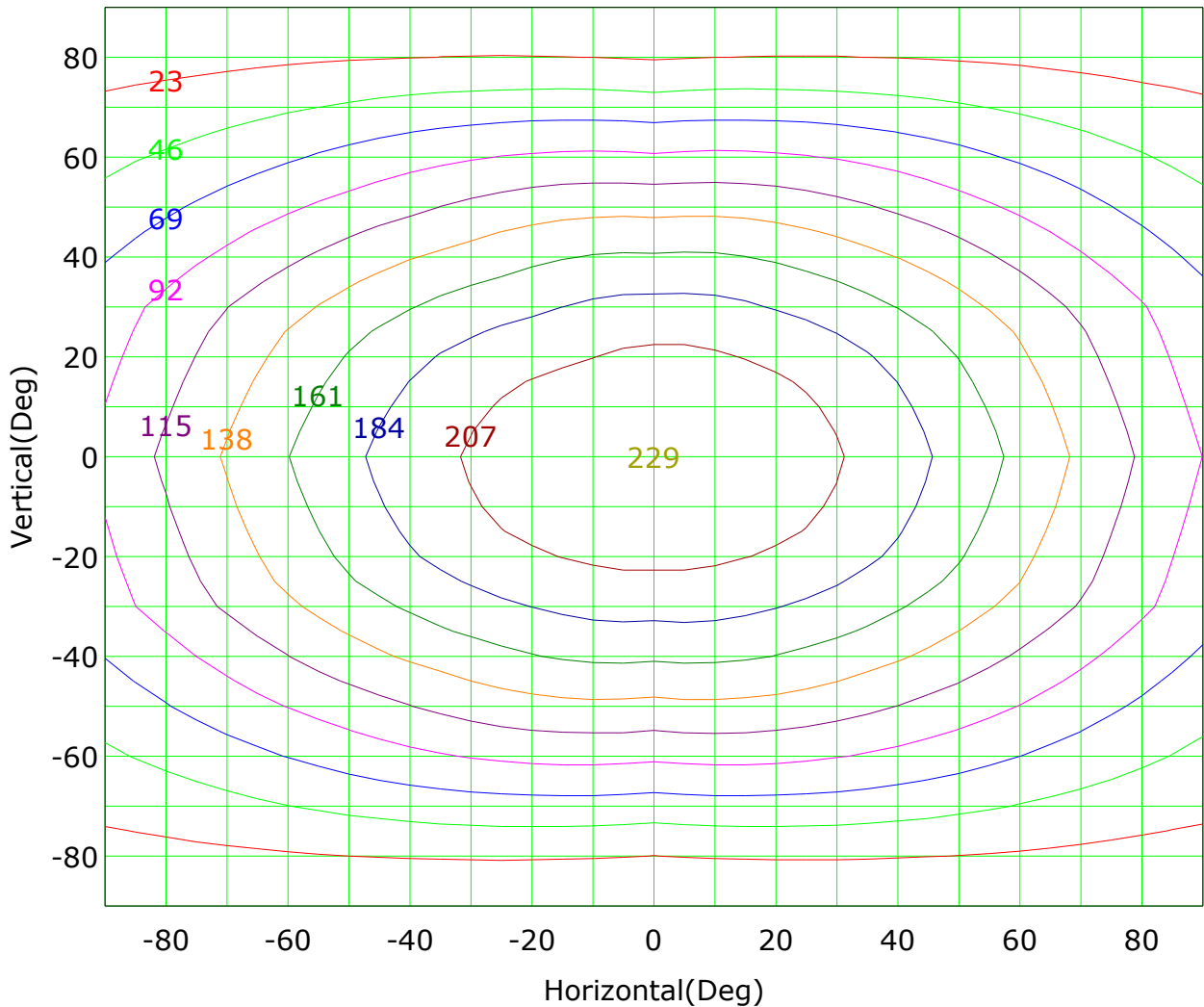
Spacing Criteria (0-180): 1.24
 Spacing Criteria (90-270): 1.37
 Spacing Criteria (Diagonal): 1.44



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 m
 Humidity:
 Inspector:

Isocandela (rectangle)



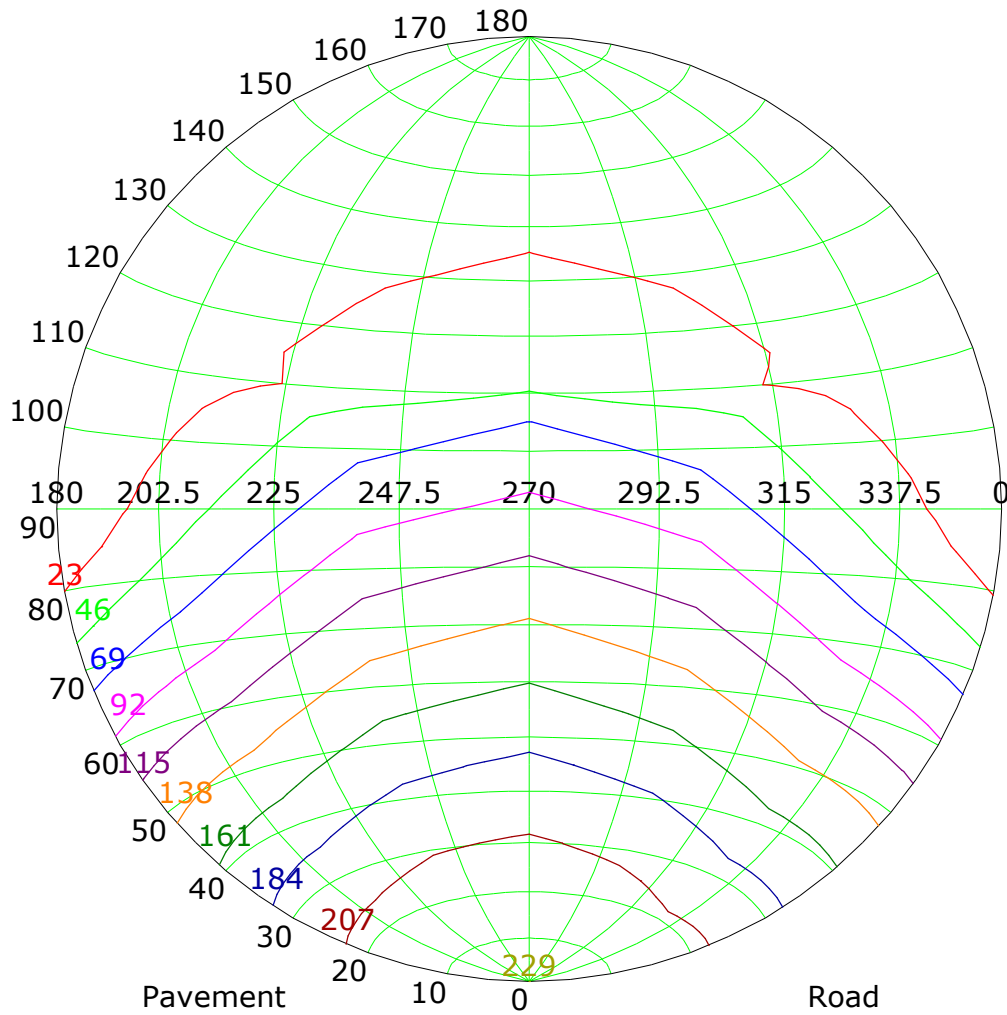
Imax (100%): 229 cd

— (10%): 23 cd	— (20%): 46 cd
— (30%): 69 cd	— (40%): 92 cd
— (50%): 115 cd	— (60%): 138 cd
— (70%): 161 cd	— (80%): 184 cd
— (90%): 207 cd	— (100%): 229 cd

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

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 8.062 m
Humidity:
Inspector:

Isocandela (sphere)



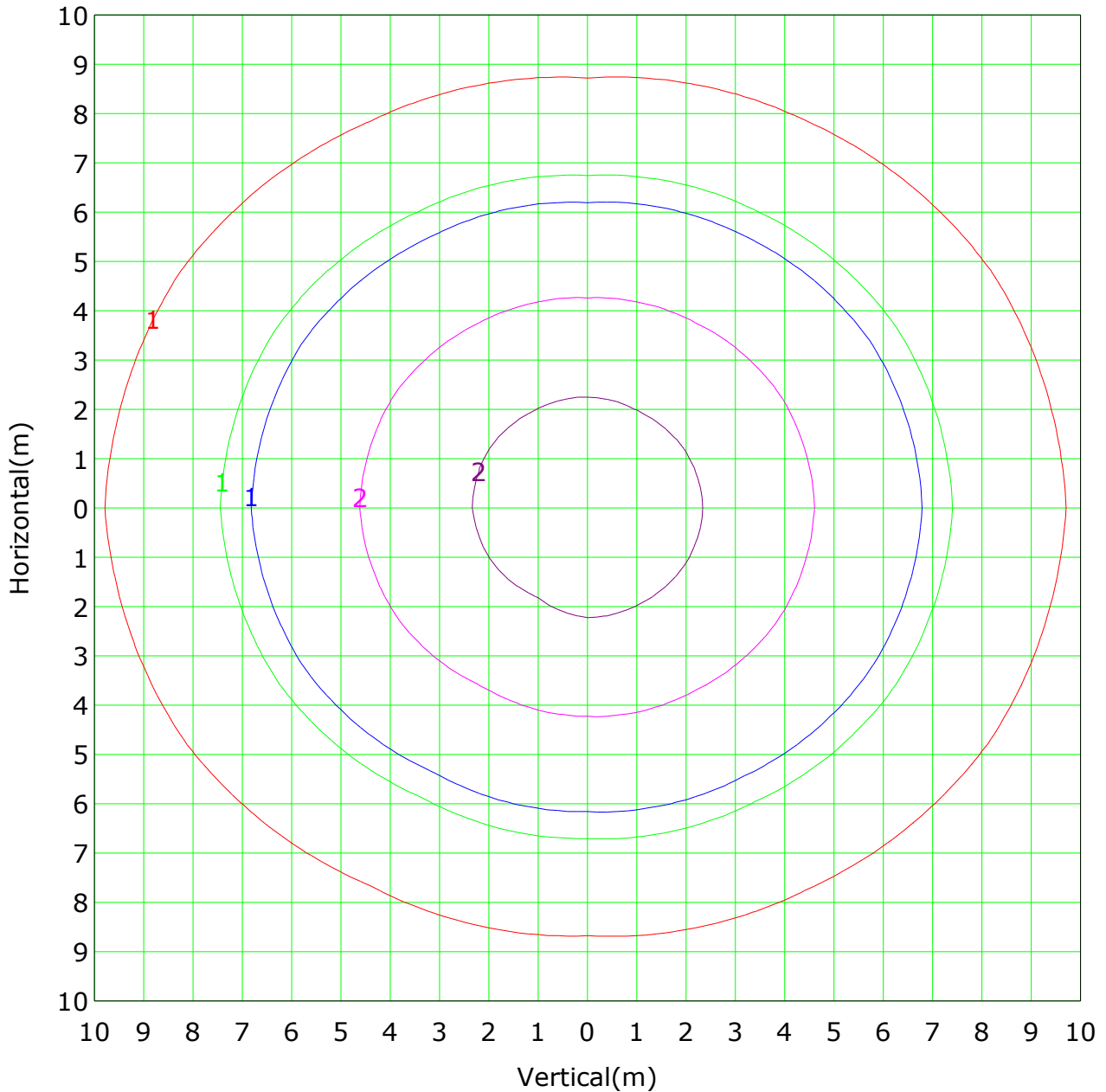
Imax (100%): 229 cd

— (10%):	23 cd	— (20%):	46 cd
— (30%):	69 cd	— (40%):	92 cd
— (50%):	115 cd	— (60%):	138 cd
— (70%):	161 cd	— (80%):	184 cd
— (90%):	207 cd	— (100%):	229 cd

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

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 8.062 m
Humidity:
Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 2.3 lx

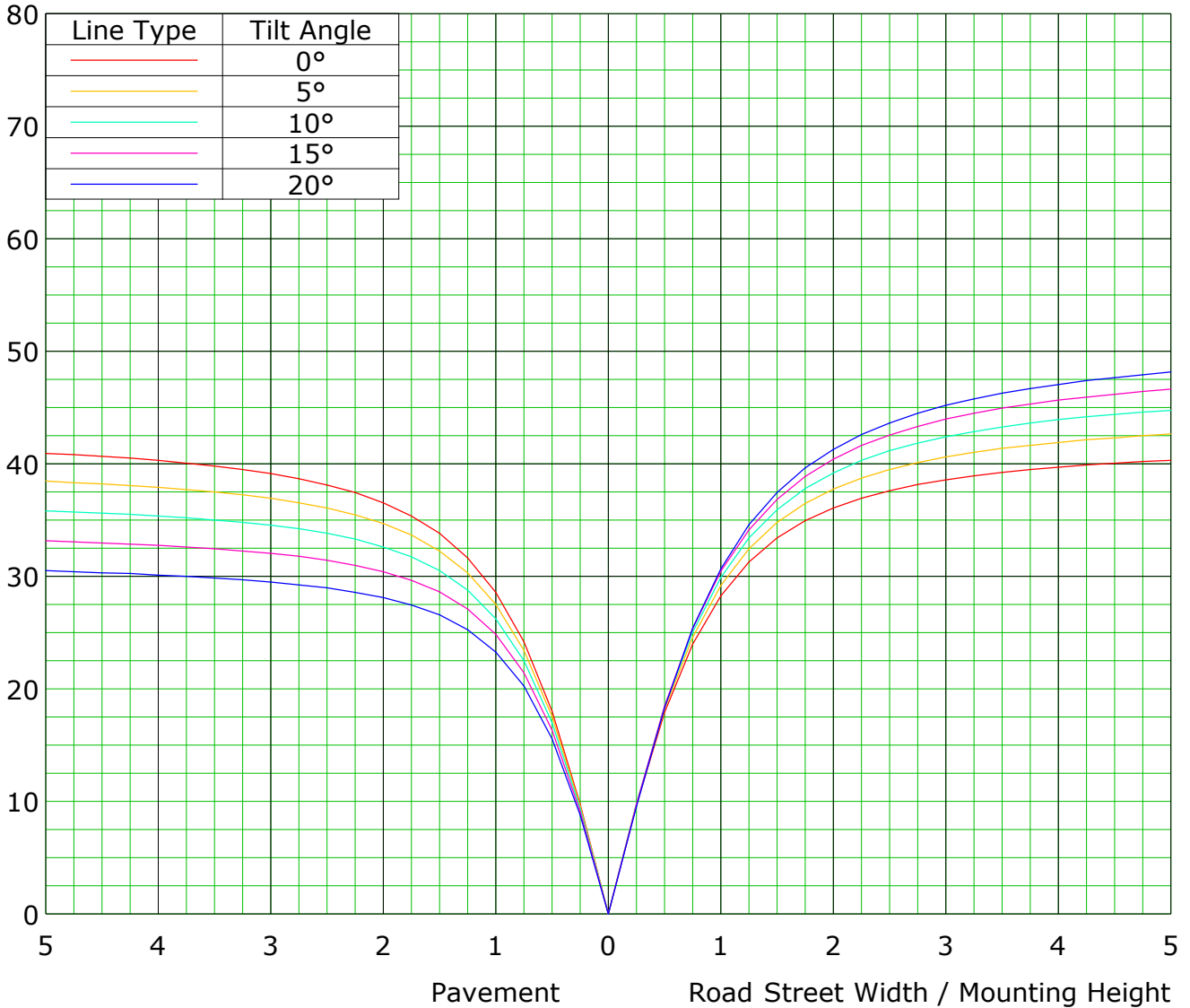
— (30%): 0.7 lx	— (45%): 1.0 lx
— (50%): 1.1 lx	— (70%): 1.6 lx
— (90%): 2.1 lx	

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.062 m
Humidity:
Inspector:

Roadway CU Curve

Efficiency(%)



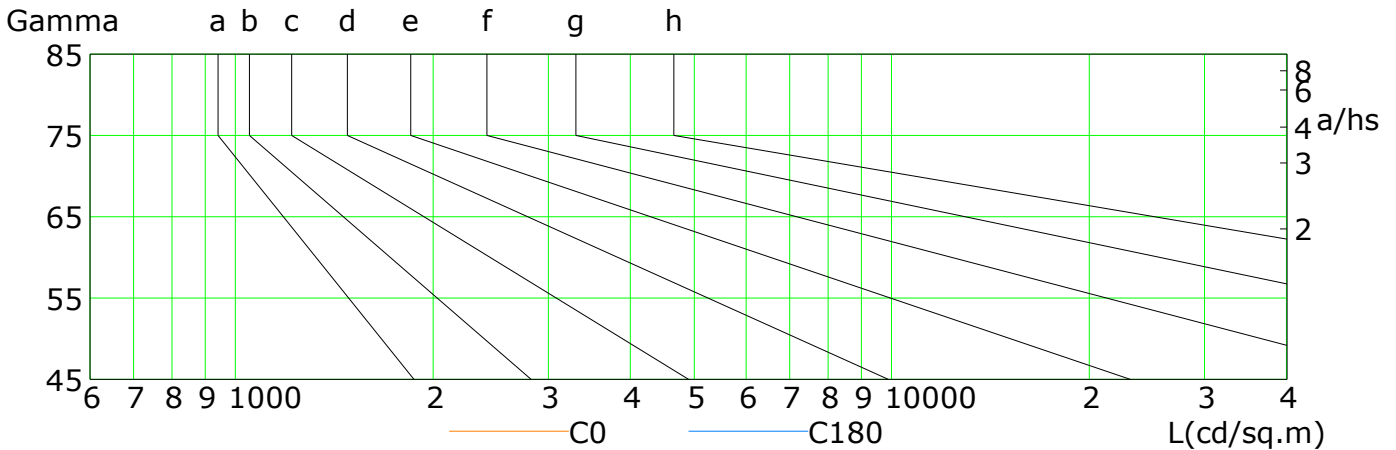
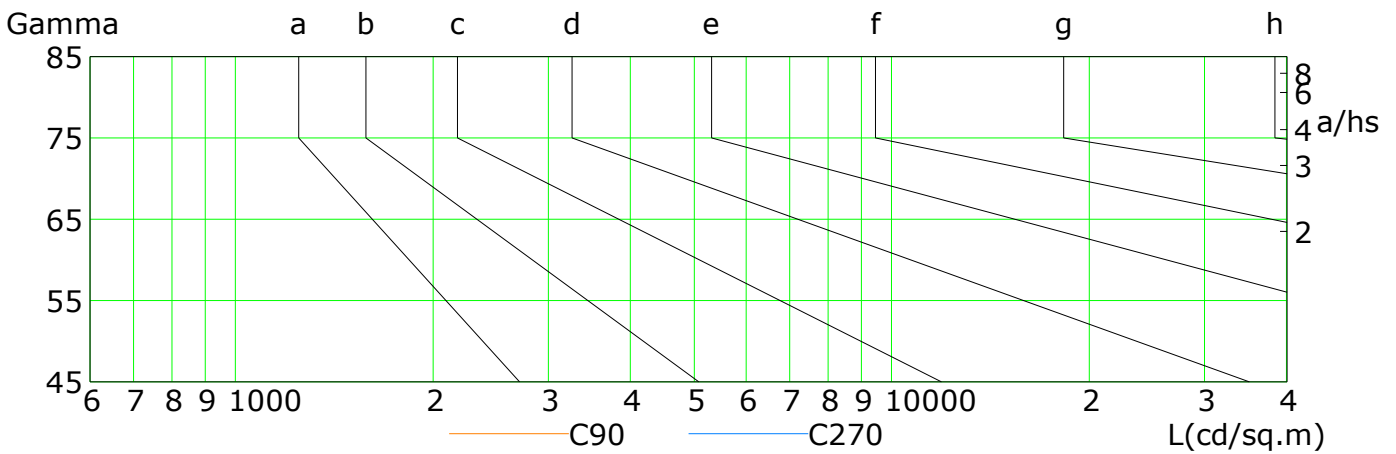
C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 8.062 m
Humidity:
Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300

a b c d e f g h

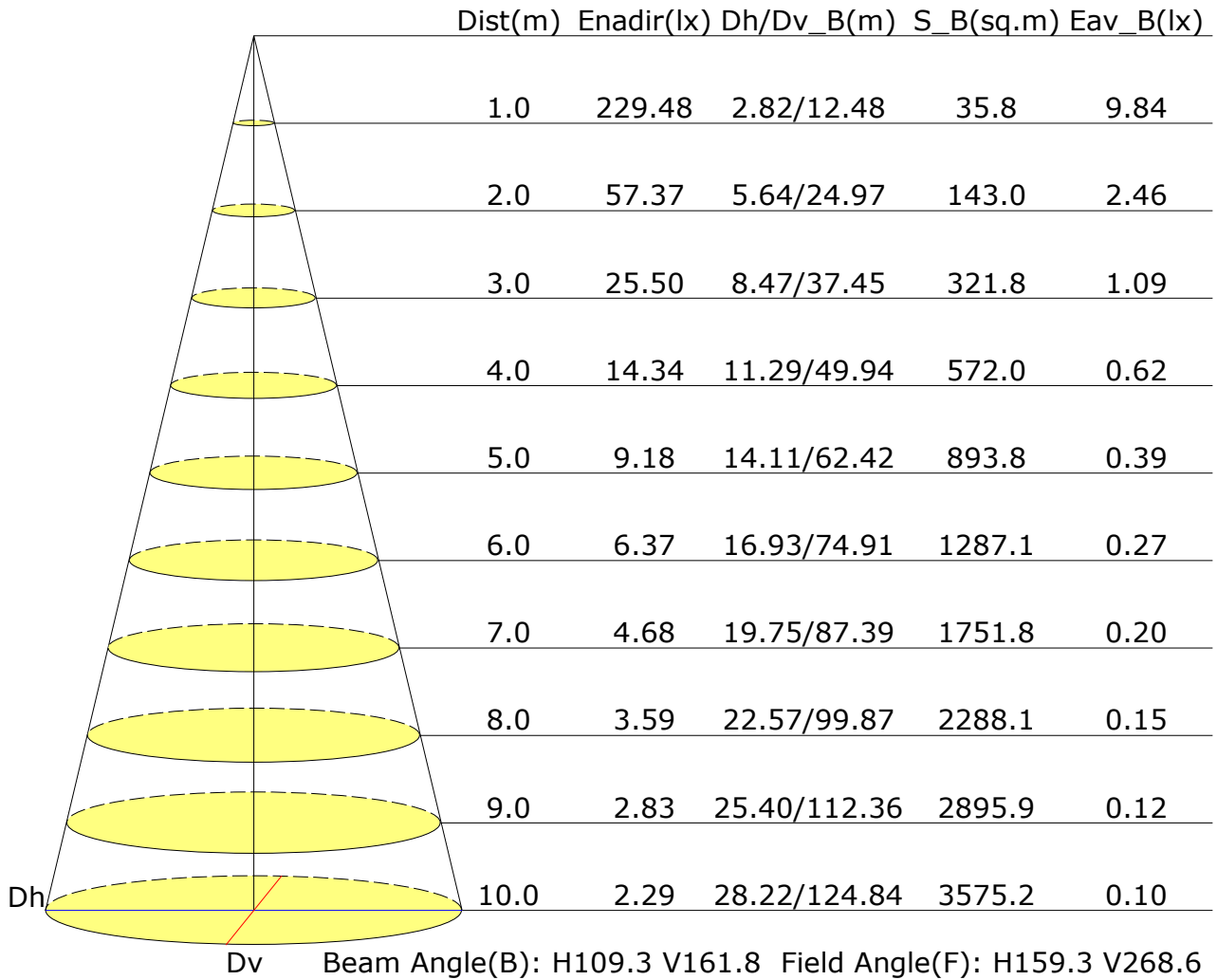


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	147	130	113	95	76	57	38	21	7
C90	185	175	166	155	145	134	123	112	102
C180	148	132	114	96	78	59	40	23	9
C270	187	179	170	160	150	140	129	119	108

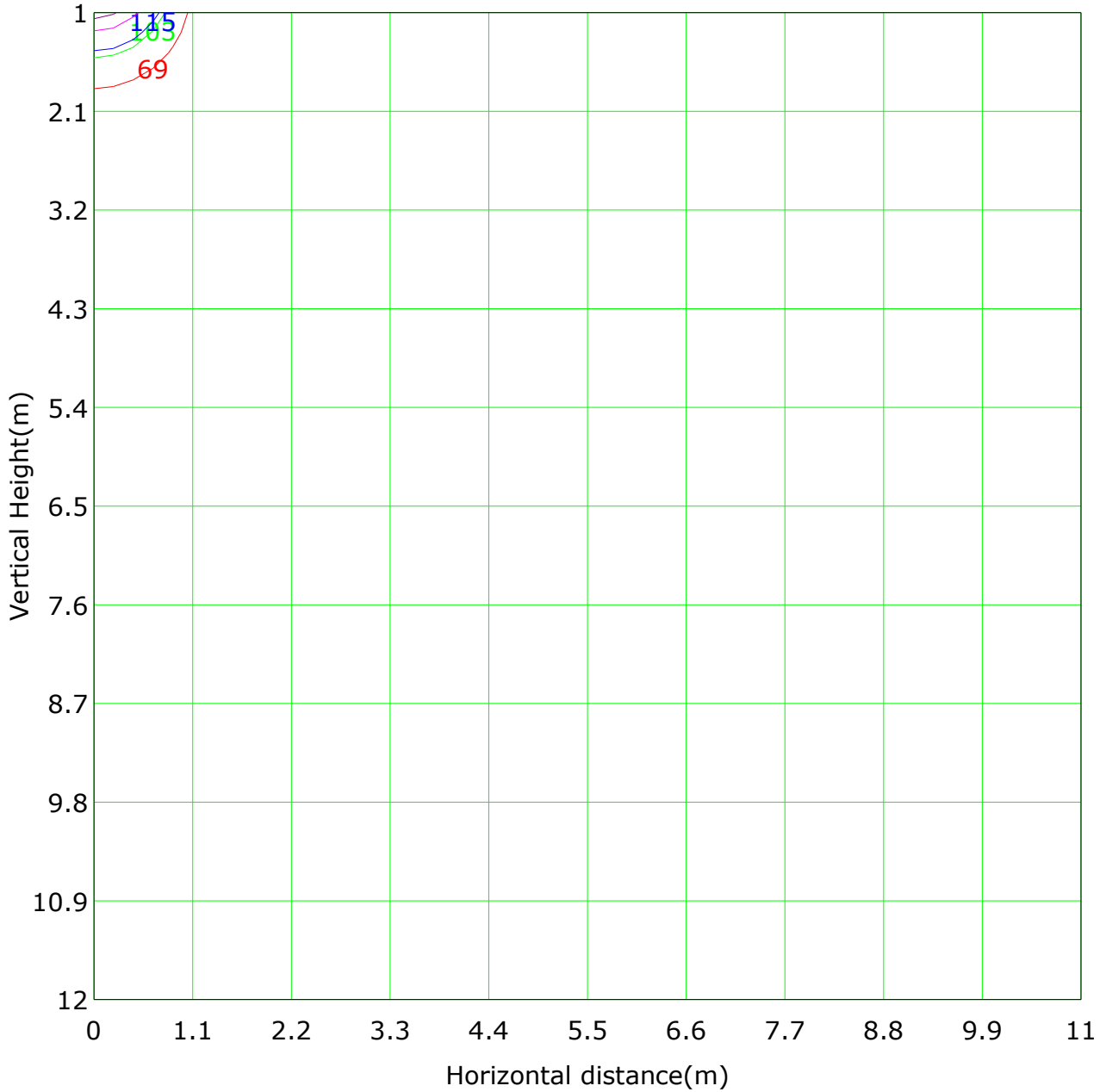
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.062 m
Humidity:
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



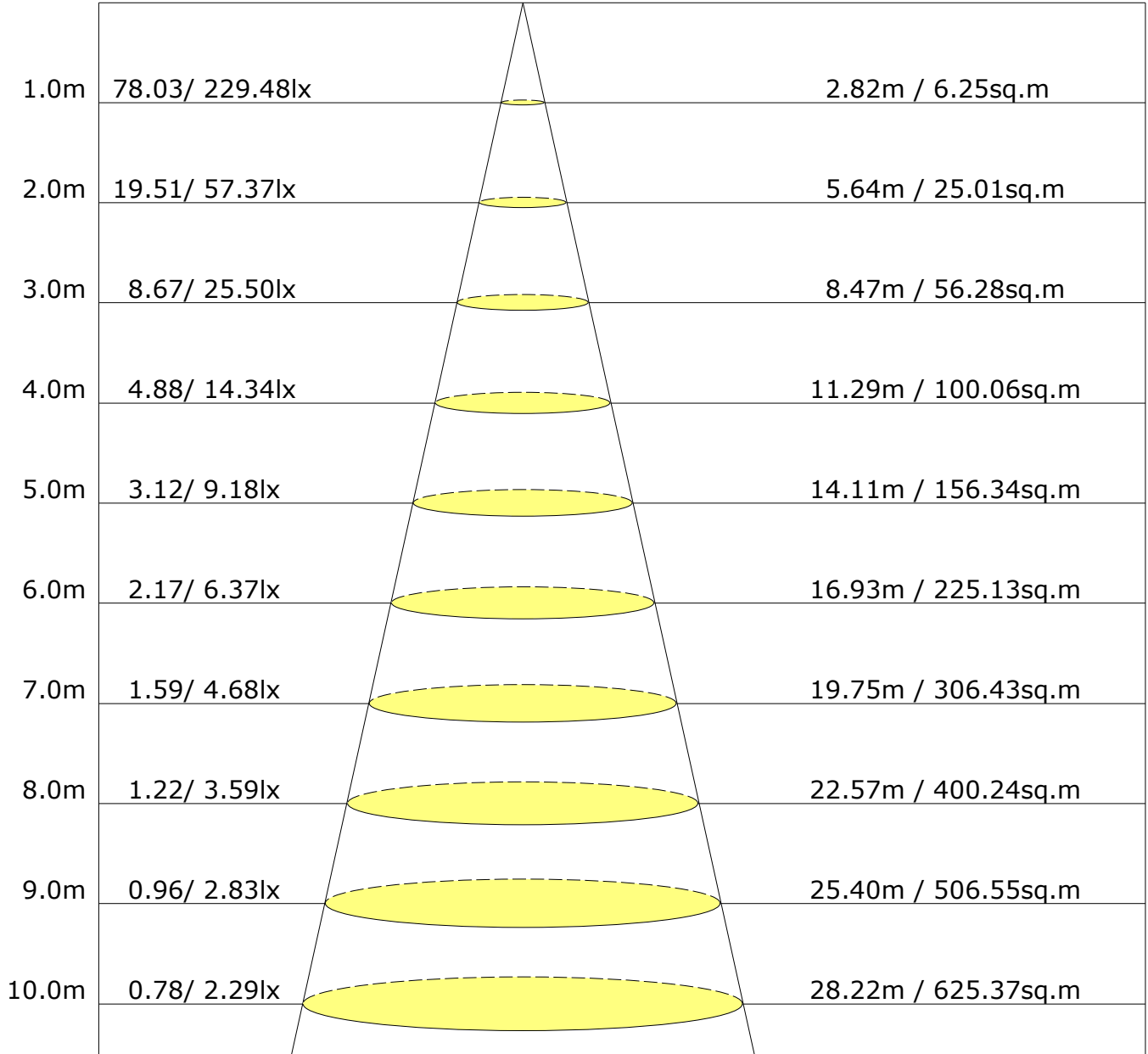
Lowest(m): 1.0m	Highest(m): 12.0m	Max Lux: 229.5 lx
— (30%): 68.8 lx	— (45%): 103.3 lx	
— (50%): 114.7 lx	— (70%): 160.6 lx	
— (90%): 206.5 lx		

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.062 m
Humidity:
Inspector:

The Average Illuminance Effective Figure

Flux Out: 487.95lm



Height

Avg./Nadir. E

Beam Angle:109.3°

Diameter / Area

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.062 m
Humidity:
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	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
12H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
X=4H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
12H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
X=8H Y=4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
12H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
X=12H Y=4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$

Calculate in accordance with CIE 190:2010

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 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	0.50	0.58	0.65	0.70	0.78	0.83	0.86	0.91	0.94	
	0.30		0.42	0.50	0.57	0.63	0.70	0.76	0.80	0.86	0.90	
	0.20		0.37	0.44	0.51	0.57	0.65	0.71	0.75	0.81	0.86	
0.50	0.50	0.20	0.47	0.55	0.61	0.66	0.72	0.77	0.80	0.84	0.88	
	0.30		0.40	0.47	0.54	0.59	0.66	0.71	0.75	0.80	0.84	
	0.20		0.35	0.42	0.49	0.54	0.61	0.67	0.71	0.77	0.81	
0.30	0.50	0.20	0.45	0.51	0.57	0.61	0.67	0.71	0.74	0.78	0.81	
	0.30		0.39	0.45	0.51	0.56	0.62	0.67	0.70	0.75	0.78	
	0.20		0.34	0.40	0.47	0.51	0.58	0.63	0.67	0.72	0.75	
0.00	0.00	0.00	0.31	0.36	0.42	0.46	0.52	0.56	0.60	0.64	0.68	
<p>Rating:11W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	1.02	0.88	0.76	0.68	0.56	0.47	0.41	0.33	0.28	
	0.30		0.85	0.75	0.66	0.60	0.50	0.43	0.38	0.31	0.26	
	0.20		0.73	0.66	0.59	0.54	0.46	0.40	0.36	0.29	0.25	
0.50	0.50	0.20	0.95	0.82	0.71	0.63	0.52	0.47	0.39	0.31	0.26	
	0.30		0.80	0.71	0.63	0.57	0.47	0.41	0.36	0.29	0.25	
	0.20		0.70	0.63	0.56	0.51	0.44	0.38	0.34	0.28	0.24	
0.30	0.50	0.20	0.89	0.77	0.66	0.59	0.49	0.41	0.36	0.29	0.24	
	0.30		0.76	0.68	0.59	0.53	0.45	0.39	0.34	0.28	0.23	
	0.20		0.67	0.60	0.54	0.49	0.42	0.36	0.32	0.27	0.23	
0.00	0.00	0.00	0.55	0.50	0.44	0.40	0.34	0.29	0.26	0.21	0.18	
<p>Rating: 11W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.31	0.32	0.33	0.34	0.35	0.35	0.35	0.36	0.36
	0.30		0.24	0.25	0.26	0.27	0.29	0.30	0.31	0.32	0.33
	0.20		0.19	0.20	0.21	0.22	0.24	0.26	0.27	0.29	0.30
0.50	0.50	0.20	0.30	0.31	0.32	0.32	0.33	0.34	0.34	0.34	0.35
	0.30		0.23	0.25	0.26	0.27	0.28	0.29	0.30	0.31	0.32
	0.20		0.18	0.20	0.21	0.22	0.24	0.25	0.26	0.28	0.29
0.30	0.50	0.20	0.29	0.30	0.31	0.31	0.32	0.32	0.33	0.33	0.33
	0.30		0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.30	0.30
	0.20		0.18	0.20	0.21	0.22	0.23	0.25	0.26	0.27	0.28
0.00	0.00	0.00	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.14
<p>Rating:11W 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	227.7	0.2	0.2	0.02	0.02
1.0-2.0	227.6	0.7	0.9	0.07	0.09
2.0-3.0	227.4	1.1	2.0	0.11	0.20
3.0-4.0	227.2	1.5	3.5	0.16	0.36
4.0-5.0	227.0	2.0	5.4	0.20	0.56
5.0-6.0	226.7	2.4	7.8	0.24	0.80
6.0-7.0	226.3	2.8	10.6	0.29	1.09
7.0-8.0	225.8	3.2	13.9	0.33	1.42
8.0-9.0	225.3	3.7	17.5	0.37	1.80
9.0-10.0	224.7	4.1	21.6	0.42	2.21
10.0-11.0	224.1	4.5	26.1	0.46	2.67
11.0-12.0	223.4	4.9	30.9	0.50	3.18
12.0-13.0	222.6	5.3	36.2	0.54	3.72
13.0-14.0	221.8	5.7	41.9	0.58	4.30
14.0-15.0	220.9	6.1	48.0	0.62	4.92
15.0-16.0	219.9	6.4	54.4	0.66	5.58
16.0-17.0	218.9	6.8	61.2	0.70	6.28
17.0-18.0	217.8	7.2	68.4	0.74	7.02
18.0-19.0	216.6	7.5	75.9	0.77	7.79
19.0-20.0	215.4	7.9	83.8	0.81	8.60
20.0-21.0	214.2	8.2	92.1	0.84	9.45
21.0-22.0	212.8	8.6	100.6	0.88	10.33
22.0-23.0	211.4	8.9	109.5	0.91	11.24
23.0-24.0	210.0	9.2	118.7	0.94	12.18
24.0-25.0	208.5	9.5	128.1	0.97	13.15
25.0-26.0	206.9	9.8	137.9	1.00	14.15
26.0-27.0	205.3	10.0	148.0	1.03	15.18
27.0-28.0	203.7	10.3	158.3	1.06	16.24
28.0-29.0	202.0	10.6	168.8	1.08	17.33
29.0-30.0	200.2	10.8	179.7	1.11	18.44
30.0-31.0	198.4	11.0	190.7	1.13	19.57
31.0-32.0	196.5	11.3	202.0	1.16	20.73
32.0-33.0	194.6	11.5	213.4	1.18	21.90
33.0-34.0	192.7	11.7	225.1	1.20	23.10
34.0-35.0	190.7	11.8	236.9	1.22	24.31
35.0-36.0	188.6	12.0	248.9	1.23	25.55

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 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	186.5	12.2	261.1	1.25	26.80
37.0-38.0	184.4	12.3	273.4	1.26	28.06
38.0-39.0	182.3	12.4	285.9	1.28	29.34
39.0-40.0	180.1	12.6	298.4	1.29	30.63
40.0-41.0	177.8	12.7	311.1	1.30	31.93
41.0-42.0	175.6	12.8	323.8	1.31	33.24
42.0-43.0	173.3	12.8	336.7	1.32	34.55
43.0-44.0	170.9	12.9	349.6	1.32	35.88
44.0-45.0	168.5	13.0	362.5	1.33	37.21
45.0-46.0	166.1	13.0	375.5	1.33	38.54
46.0-47.0	163.7	13.0	388.6	1.34	39.88
47.0-48.0	161.3	13.0	401.6	1.34	41.21
48.0-49.0	158.7	13.0	414.6	1.34	42.55
49.0-50.0	156.2	13.0	427.7	1.34	43.89
50.0-51.0	153.6	13.0	440.7	1.33	45.22
51.0-52.0	151.1	13.0	453.6	1.33	46.55
52.0-53.0	148.6	12.9	466.5	1.33	47.88
53.0-54.0	146.0	12.9	479.4	1.32	49.20
54.0-55.0	143.3	12.8	492.2	1.31	50.51
55.0-56.0	140.7	12.7	504.9	1.30	51.82
56.0-57.0	138.1	12.6	517.5	1.30	53.11
57.0-58.0	135.4	12.5	530.1	1.29	54.40
58.0-59.0	132.7	12.4	542.5	1.27	55.67
59.0-60.0	130.0	12.3	554.8	1.26	56.93
60.0-61.0	127.4	12.2	566.9	1.25	58.18
61.0-62.0	124.7	12.0	578.9	1.23	59.41
62.0-63.0	122.0	11.9	590.8	1.22	60.63
63.0-64.0	119.3	11.7	602.5	1.20	61.83
64.0-65.0	116.6	11.5	614.0	1.18	63.02
65.0-66.0	113.9	11.4	625.4	1.17	64.18
66.0-67.0	111.2	11.2	636.6	1.15	65.33
67.0-68.0	108.5	11.0	647.6	1.13	66.46
68.0-69.0	105.8	10.8	658.4	1.11	67.57
69.0-70.0	103.2	10.6	669.0	1.09	68.66
70.0-71.0	100.5	10.4	679.4	1.07	69.72
71.0-72.0	97.9	10.2	689.6	1.05	70.77

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 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	95.3	10.0	699.5	1.02	71.79
73.0-74.0	92.7	9.7	709.3	1.00	72.79
74.0-75.0	90.1	9.5	718.8	0.98	73.77
75.0-76.0	87.6	9.3	728.1	0.95	74.72
76.0-77.0	85.0	9.1	737.2	0.93	75.65
77.0-78.0	82.5	8.8	746.0	0.91	76.56
78.0-79.0	80.1	8.6	754.6	0.88	77.44
79.0-80.0	77.6	8.4	763.0	0.86	78.30
80.0-81.0	75.3	8.1	771.1	0.84	79.14
81.0-82.0	73.0	7.9	779.0	0.81	79.95
82.0-83.0	70.7	7.7	786.7	0.79	80.74
83.0-84.0	68.5	7.5	794.2	0.77	81.50
84.0-85.0	66.3	7.2	801.4	0.74	82.25
85.0-86.0	64.3	7.0	808.4	0.72	82.97
86.0-87.0	62.3	6.8	815.2	0.70	83.67
87.0-88.0	60.4	6.6	821.9	0.68	84.34
88.0-89.0	58.6	6.4	828.3	0.66	85.00
89.0-90.0	56.9	6.2	834.5	0.64	85.64
90.0-91.0	55.3	6.1	840.6	0.62	86.27
91.0-92.0	53.7	5.9	846.5	0.60	86.87
92.0-93.0	52.3	5.7	852.2	0.59	87.46
93.0-94.0	50.8	5.6	857.8	0.57	88.03
94.0-95.0	49.5	5.4	863.2	0.55	88.58
95.0-96.0	48.1	5.2	868.4	0.54	89.12
96.0-97.0	46.7	5.1	873.5	0.52	89.64
97.0-98.0	45.4	4.9	878.4	0.51	90.15
98.0-99.0	44.2	4.8	883.2	0.49	90.64
99.0-100.0	42.8	4.6	887.9	0.48	91.12
100.0-101.0	41.6	4.5	892.4	0.46	91.58
101.0-102.0	40.5	4.4	896.7	0.45	92.03
102.0-103.0	39.3	4.2	900.9	0.43	92.46
103.0-104.0	38.1	4.1	905.0	0.42	92.87
104.0-105.0	36.0	3.8	908.8	0.39	93.27
105.0-106.0	33.3	3.5	912.3	0.36	93.63
106.0-107.0	30.5	3.2	915.5	0.33	93.96
107.0-108.0	27.0	2.8	918.4	0.29	94.25

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 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	23.9	2.5	920.8	0.26	94.50
109.0-110.0	22.4	2.3	923.1	0.24	94.74
110.0-111.0	21.2	2.2	925.3	0.22	94.96
111.0-112.0	20.5	2.1	927.4	0.21	95.18
112.0-113.0	20.6	2.1	929.5	0.21	95.39
113.0-114.0	21.3	2.1	931.7	0.22	95.61
114.0-115.0	21.5	2.1	933.8	0.22	95.83
115.0-116.0	21.3	2.1	935.9	0.22	96.05
116.0-117.0	21.3	2.1	938.0	0.21	96.26
117.0-118.0	21.0	2.0	940.0	0.21	96.47
118.0-119.0	20.5	2.0	942.0	0.20	96.68
119.0-120.0	19.9	1.9	943.9	0.19	96.87
120.0-121.0	19.2	1.8	945.7	0.19	97.06
121.0-122.0	18.6	1.7	947.5	0.18	97.23
122.0-123.0	17.9	1.7	949.1	0.17	97.40
123.0-124.0	17.3	1.6	950.7	0.16	97.57
124.0-125.0	16.6	1.5	952.2	0.15	97.72
125.0-126.0	16.0	1.4	953.6	0.15	97.87
126.0-127.0	15.4	1.4	955.0	0.14	98.01
127.0-128.0	14.7	1.3	956.3	0.13	98.14
128.0-129.0	14.1	1.2	957.5	0.12	98.26
129.0-130.0	13.6	1.1	958.6	0.12	98.38
130.0-131.0	13.0	1.1	959.7	0.11	98.49
131.0-132.0	12.5	1.0	960.7	0.11	98.60
132.0-133.0	12.0	1.0	961.7	0.10	98.70
133.0-134.0	11.5	0.9	962.6	0.09	98.79
134.0-135.0	11.0	0.9	963.5	0.09	98.88
135.0-136.0	10.5	0.8	964.3	0.08	98.96
136.0-137.0	10.0	0.8	965.0	0.08	99.04
137.0-138.0	9.6	0.7	965.8	0.07	99.11
138.0-139.0	9.1	0.7	966.4	0.07	99.18
139.0-140.0	8.6	0.6	967.0	0.06	99.24
140.0-141.0	8.2	0.6	967.6	0.06	99.30
141.0-142.0	7.7	0.5	968.1	0.05	99.36
142.0-143.0	7.3	0.5	968.6	0.05	99.41
143.0-144.0	6.9	0.5	969.1	0.05	99.45

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	6.5	0.4	969.5	0.04	99.49
145.0-146.0	6.2	0.4	969.9	0.04	99.53
146.0-147.0	5.9	0.4	970.2	0.04	99.57
147.0-148.0	5.6	0.3	970.5	0.03	99.60
148.0-149.0	5.3	0.3	970.9	0.03	99.64
149.0-150.0	5.1	0.3	971.1	0.03	99.66
150.0-151.0	5.0	0.3	971.4	0.03	99.69
151.0-152.0	4.8	0.3	971.7	0.03	99.72
152.0-153.0	4.7	0.2	971.9	0.02	99.74
153.0-154.0	4.5	0.2	972.1	0.02	99.77
154.0-155.0	4.4	0.2	972.3	0.02	99.79
155.0-156.0	4.3	0.2	972.5	0.02	99.81
156.0-157.0	4.2	0.2	972.7	0.02	99.83
157.0-158.0	4.1	0.2	972.9	0.02	99.84
158.0-159.0	4.0	0.2	973.0	0.02	99.86
159.0-160.0	3.9	0.1	973.2	0.02	99.87
160.0-161.0	3.7	0.1	973.3	0.01	99.89
161.0-162.0	3.6	0.1	973.5	0.01	99.90
162.0-163.0	3.5	0.1	973.6	0.01	99.91
163.0-164.0	3.4	0.1	973.7	0.01	99.92
164.0-165.0	3.3	0.1	973.8	0.01	99.93
165.0-166.0	3.3	0.1	973.9	0.01	99.94
166.0-167.0	3.2	0.1	973.9	0.01	99.95
167.0-168.0	3.1	0.1	974.0	0.01	99.96
168.0-169.0	3.0	0.1	974.1	0.01	99.97
169.0-170.0	3.0	0.1	974.1	0.01	99.97
170.0-171.0	2.9	0.1	974.2	0.01	99.98
171.0-172.0	2.9	0.0	974.2	0.00	99.98
172.0-173.0	2.8	0.0	974.3	0.00	99.99
173.0-174.0	2.7	0.0	974.3	0.00	99.99
174.0-175.0	2.7	0.0	974.3	0.00	99.99
175.0-176.0	2.7	0.0	974.4	0.00	100.00
176.0-177.0	2.6	0.0	974.4	0.00	100.00
177.0-178.0	2.6	0.0	974.4	0.00	100.00
178.0-179.0	2.6	0.0	974.4	0.00	100.00
179.0-180.0	2.6	0.0	974.4	0.00	100.00

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 m
 Humidity:
 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	229.5	228.2	227.8	227.2	226.9	226.6	229.5	228.2	227.8	227.2
G1.0	229.2	228.2	227.6	227.2	226.8	226.8	229.4	228.4	227.6	227.1
G2.0	229.1	228.3	227.5	227.1	226.8	226.8	229.3	228.2	227.6	227.0
G3.0	228.8	228.0	227.2	226.9	226.7	226.7	228.9	228.0	227.5	226.9
G4.0	228.5	227.9	227.2	226.8	226.7	226.4	228.6	227.9	227.2	226.7
G5.0	228.1	227.4	226.9	226.7	226.4	226.2	228.3	227.6	227.1	226.6
G6.0	227.6	226.9	226.6	226.5	226.2	225.9	227.9	227.0	226.8	226.3
G7.0	227.1	226.2	226.3	226.3	226.0	225.5	227.2	226.5	226.5	226.1
G8.0	226.4	225.6	225.9	225.9	225.6	225.1	226.5	226.0	226.1	225.8
G9.0	225.6	224.9	225.5	225.6	225.2	224.6	225.8	225.4	225.7	225.4
G10.0	224.6	224.2	224.9	225.2	224.7	223.9	225.0	224.6	225.3	225.0
G11.0	223.8	223.5	224.3	224.8	224.3	223.2	224.1	224.0	224.7	224.6
G12.0	222.8	222.6	223.7	224.3	223.7	222.3	223.1	223.1	224.1	224.1
G13.0	221.6	221.6	223.0	224.0	223.1	221.5	222.0	222.0	223.5	223.6
G14.0	220.2	220.4	222.4	223.4	222.6	220.6	220.9	221.1	222.8	223.1
G15.0	219.0	219.3	221.5	222.7	221.9	219.6	219.6	220.0	222.1	222.5
G16.0	217.7	218.1	220.7	222.0	221.1	218.5	218.1	218.9	221.3	221.9
G17.0	216.3	216.9	219.7	221.3	220.4	217.4	216.6	217.8	220.4	221.2
G18.0	214.8	215.6	218.8	220.6	219.5	216.2	215.1	216.5	219.5	220.3
G19.0	212.9	214.2	217.8	219.9	218.4	214.9	213.6	214.9	218.6	219.6
G20.0	211.4	212.8	216.8	219.1	217.4	213.6	212.0	213.5	217.6	218.9
G21.0	209.6	211.2	215.6	218.3	216.5	212.2	210.0	212.1	216.6	218.0
G22.0	207.7	209.5	214.3	217.2	215.4	210.6	208.4	210.5	215.5	217.2
G23.0	205.6	207.8	213.2	216.2	214.3	209.0	206.3	208.9	214.3	216.2
G24.0	203.8	206.1	211.9	215.3	213.1	207.4	204.3	207.3	213.2	215.3
G25.0	201.5	204.3	210.7	214.2	211.9	205.8	202.3	205.6	211.9	214.3
G26.0	199.4	202.5	209.4	213.1	210.4	204.0	200.2	203.7	210.5	213.1
G27.0	197.3	200.5	207.9	212.1	209.1	202.2	198.0	201.7	209.4	212.0
G28.0	195.1	198.6	206.4	210.9	207.8	200.3	195.8	199.8	208.1	211.0
G29.0	192.7	196.6	205.0	209.5	206.4	198.3	193.6	197.8	206.6	209.9
G30.0	190.1	194.4	203.4	208.2	204.9	196.3	190.9	195.8	205.1	208.7
G31.0	187.7	192.3	201.8	206.9	203.4	194.3	188.5	193.8	203.7	207.6
G32.0	185.2	190.0	200.1	205.7	201.6	192.2	186.1	191.5	202.1	206.4
G33.0	182.7	187.8	198.5	204.4	200.1	190.1	183.5	189.3	200.6	204.9
G34.0	180.1	185.5	196.8	203.1	198.5	187.9	180.9	187.1	199.1	203.6
G35.0	177.1	183.1	195.0	201.4	196.8	185.4	178.2	184.8	197.5	202.3
G36.0	174.4	180.7	193.2	199.9	194.9	183.1	175.5	182.5	195.6	200.9

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 m
 Humidity:
 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	171.6	178.2	191.4	198.4	193.1	180.8	172.7	180.1	193.9	199.5
G38.0	168.8	175.8	189.5	196.9	191.4	178.4	169.7	177.7	192.2	198.2
G39.0	166.0	173.2	187.6	195.4	189.6	176.0	166.8	175.3	190.4	196.8
G40.0	162.8	170.7	185.6	193.6	187.6	173.3	163.9	172.6	188.7	195.3
G41.0	159.8	168.0	183.7	192.0	185.8	170.9	160.9	170.1	187.0	193.8
G42.0	156.8	165.4	181.7	190.4	183.9	168.3	157.9	167.6	185.1	192.1
G43.0	153.7	162.7	179.7	188.6	181.9	165.7	154.8	165.0	183.3	190.5
G44.0	150.3	160.0	177.7	186.7	179.7	163.1	151.7	162.2	181.2	188.9
G45.0	147.1	157.2	175.6	184.9	177.7	160.2	148.4	159.4	179.3	187.4
G46.0	144.0	154.4	173.4	183.2	175.7	157.6	145.1	156.8	177.3	185.8
G47.0	140.7	151.6	171.3	181.4	173.6	154.9	141.9	154.1	175.4	184.1
G48.0	137.4	148.8	169.1	179.5	171.5	152.1	138.6	151.4	173.4	182.2
G49.0	133.8	146.0	167.0	177.4	169.2	149.3	135.2	148.6	171.2	180.5
G50.0	130.4	143.1	164.7	175.5	167.0	146.5	131.9	145.7	169.1	178.7
G51.0	126.9	140.3	162.5	173.6	164.8	143.4	128.5	142.9	167.1	177.0
G52.0	123.5	137.2	160.3	171.6	162.6	140.5	125.1	140.1	165.0	175.3
G53.0	120.1	134.3	157.9	169.7	160.5	137.7	121.7	137.1	163.0	173.5
G54.0	116.3	131.4	155.7	167.6	158.3	134.6	117.9	134.3	160.9	171.7
G55.0	112.8	128.3	153.5	165.6	155.9	131.7	114.4	131.4	158.8	169.6
G56.0	109.3	125.4	151.1	163.6	153.7	128.9	110.9	128.4	156.6	167.8
G57.0	105.9	122.5	148.8	161.7	151.4	126.0	107.2	125.6	154.3	165.9
G58.0	102.2	119.6	146.6	159.6	149.2	122.8	103.6	122.7	152.1	164.1
G59.0	98.2	116.4	144.3	157.4	146.8	119.9	100.0	119.7	150.0	162.1
G60.0	94.5	113.5	141.8	155.4	144.5	117.1	96.2	116.9	147.8	160.2
G61.0	90.9	110.6	139.6	153.3	142.3	114.2	92.5	114.0	145.6	158.1
G62.0	86.9	107.7	137.3	151.1	139.8	110.9	88.8	111.1	143.4	156.1
G63.0	83.3	104.6	135.1	149.0	137.5	108.1	85.1	108.1	141.0	154.1
G64.0	79.5	101.7	132.6	146.9	135.3	105.2	81.3	105.2	138.8	152.2
G65.0	75.8	98.9	130.4	144.7	133.0	102.4	77.6	102.4	136.6	150.2
G66.0	71.6	95.8	128.1	142.6	130.6	99.3	73.6	99.6	134.5	148.2
G67.0	68.1	93.0	125.7	140.5	128.3	96.4	69.9	96.7	132.3	146.3
G68.0	64.1	90.2	123.4	138.2	125.9	93.7	66.3	93.9	129.9	144.0
G69.0	60.4	87.2	121.2	136.1	123.7	90.6	62.4	91.2	127.7	142.0
G70.0	56.7	84.4	118.8	134.0	121.4	87.8	58.7	88.2	125.5	140.0
G71.0	53.0	81.8	116.6	131.9	119.2	85.1	54.7	85.5	123.4	137.9
G72.0	49.0	79.1	114.4	129.6	117.0	82.4	51.0	82.8	121.2	135.8
G73.0	45.4	76.2	111.9	127.4	114.5	79.4	47.4	80.2	119.0	133.7

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 m
 Humidity:
 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	41.8	73.7	109.8	125.3	112.3	76.8	43.7	77.4	116.8	131.6
G75.0	38.3	71.1	107.6	123.1	110.1	74.3	40.1	74.9	114.6	129.5
G76.0	34.4	68.7	105.4	120.8	107.9	71.7	36.4	72.4	112.2	127.2
G77.0	30.8	65.9	103.1	118.8	105.6	69.0	33.0	69.7	110.1	125.2
G78.0	27.6	63.6	101.0	116.6	103.4	66.6	29.3	67.3	107.9	123.0
G79.0	24.0	61.0	98.9	114.4	101.3	64.2	26.0	64.9	105.8	120.9
G80.0	21.0	58.7	96.6	112.3	99.0	61.6	22.8	62.7	103.7	118.7
G81.0	17.9	56.5	94.5	110.2	96.9	59.3	19.6	60.3	101.4	116.6
G82.0	14.7	54.4	92.4	108.1	94.7	57.0	16.5	58.1	99.3	114.4
G83.0	12.0	52.0	90.4	105.9	92.7	54.8	13.6	55.8	97.3	112.4
G84.0	9.5	50.0	88.5	103.8	90.6	52.7	11.0	53.7	95.2	110.2
G85.0	7.2	48.0	86.2	101.7	88.4	50.5	8.6	51.7	93.1	108.2
G86.0	5.0	46.2	84.3	99.7	86.4	48.5	6.3	49.6	91.1	106.1
G87.0	3.4	44.1	82.4	97.6	84.4	46.5	4.5	47.7	88.9	103.9
G88.0	2.3	42.3	80.5	95.8	82.3	44.6	2.9	45.9	86.9	101.9
G89.0	1.4	40.6	78.3	93.6	80.4	42.8	1.8	44.0	85.0	99.8
G90.0	0.8	38.8	76.6	91.7	78.4	41.0	1.2	42.3	83.1	97.7
G91.0	1.0	37.3	74.5	89.6	76.4	39.2	0.8	40.6	80.9	95.7
G92.0	1.0	35.7	72.7	87.6	74.6	37.6	0.9	38.9	79.0	93.7
G93.0	0.9	34.1	71.0	85.8	72.7	36.0	0.9	37.4	77.2	91.7
G94.0	0.9	32.8	69.2	83.8	70.8	34.6	0.9	35.9	75.4	89.8
G95.0	1.1	31.4	67.5	81.9	69.0	33.1	0.9	34.5	73.6	87.7
G96.0	1.1	30.2	65.6	80.0	67.3	31.7	0.9	33.2	71.5	85.8
G97.0	0.9	28.8	63.9	78.1	65.4	30.4	1.0	31.8	69.7	83.9
G98.0	1.1	27.8	62.3	76.3	63.8	29.2	1.1	30.6	68.0	82.0
G99.0	1.1	26.5	60.5	74.4	62.0	28.0	1.0	29.5	66.3	80.1
G100.0	1.0	24.0	58.9	72.6	60.3	26.8	1.1	28.4	64.7	78.3
G101.0	1.2	23.8	57.7	70.9	58.7	25.8	1.0	27.3	62.8	76.3
G102.0	1.1	23.2	55.8	69.1	57.1	24.8	1.1	26.2	61.2	74.5
G103.0	1.1	21.6	54.3	67.4	55.5	23.8	1.1	25.3	59.7	72.8
G104.0	1.3	20.5	50.9	65.7	53.9	22.5	1.1	24.4	57.9	70.8
G105.0	1.3	18.9	38.2	63.9	45.1	20.9	1.2	23.4	56.4	69.1
G106.0	1.2	17.5	32.5	61.3	33.6	19.1	1.2	21.9	54.8	67.3
G107.0	1.2	16.2	30.2	48.0	30.5	17.7	1.2	20.3	51.3	65.7
G108.0	1.4	15.4	28.7	33.9	28.6	16.5	1.2	18.8	38.9	63.9
G109.0	1.4	15.0	27.6	30.8	27.0	15.8	1.2	17.5	31.9	60.3
G110.0	1.2	14.4	32.5	29.6	28.8	15.3	1.3	16.5	30.1	47.2

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 m
 Humidity:
 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	1.3	14.0	35.0	28.8	33.7	14.9	1.3	15.8	28.5	32.4
G112.0	1.5	13.6	34.8	28.9	34.4	14.5	1.3	15.3	27.5	30.2
G113.0	1.4	13.1	33.0	35.5	33.7	14.0	1.3	14.8	30.1	29.4
G114.0	1.5	12.7	31.6	40.4	32.5	13.7	1.4	14.4	34.7	28.5
G115.0	1.5	12.2	30.8	41.8	31.3	13.1	1.4	13.8	34.6	28.5
G116.0	1.4	11.8	29.5	41.7	30.5	12.7	1.4	13.4	33.9	33.7
G117.0	1.5	11.4	28.3	40.6	29.7	12.3	1.4	12.9	32.7	40.2
G118.0	1.6	11.0	27.5	39.5	28.8	11.6	1.4	12.4	31.3	41.3
G119.0	1.5	10.5	26.3	38.3	28.0	11.1	1.5	11.8	30.3	41.6
G120.0	1.5	10.0	25.2	37.1	27.3	10.6	1.5	11.3	29.5	40.7
G121.0	1.7	9.5	24.5	35.9	26.5	10.0	1.5	10.6	28.6	39.5
G122.0	1.5	8.9	23.6	34.8	25.6	9.3	1.6	10.0	27.6	38.1
G123.0	1.6	8.4	23.0	33.5	24.9	8.9	1.5	9.4	26.9	37.0
G124.0	1.7	7.9	22.6	32.2	24.3	8.3	1.6	8.8	26.0	36.0
G125.0	1.7	7.4	22.1	30.5	23.3	7.7	1.6	8.1	25.2	34.5
G126.0	1.8	7.0	21.4	29.5	22.5	7.2	1.6	7.5	24.4	33.7
G127.0	1.8	6.5	20.8	28.5	21.6	6.6	1.7	6.9	23.4	32.3
G128.0	1.7	6.0	20.2	27.2	20.9	6.1	1.7	6.5	22.5	31.2
G129.0	1.8	5.8	19.6	25.5	20.3	5.8	1.7	6.0	21.7	30.2
G130.0	1.9	5.5	18.8	24.8	19.3	5.4	1.7	5.7	20.6	29.1
G131.0	1.8	5.2	18.1	24.5	18.3	5.1	1.7	5.4	19.7	27.7
G132.0	1.9	5.0	17.4	23.8	17.7	5.0	1.8	5.3	19.0	26.6
G133.0	2.0	4.9	16.6	22.9	16.3	4.7	1.8	5.1	18.1	25.6
G134.0	1.9	4.7	15.8	21.9	15.8	4.4	1.8	4.9	17.2	24.5
G135.0	1.9	4.4	15.1	21.0	15.0	4.2	1.8	4.8	16.1	23.2
G136.0	1.9	4.4	14.3	20.0	14.2	4.0	1.9	4.7	15.2	22.1
G137.0	2.0	4.2	13.7	19.0	13.5	4.0	1.9	4.6	14.4	21.0
G138.0	2.0	4.1	13.0	18.1	12.9	4.1	1.9	4.5	13.6	20.0
G139.0	2.0	4.1	12.1	17.3	11.9	3.9	2.0	4.4	12.6	18.8
G140.0	2.0	4.0	11.4	16.3	11.2	3.9	2.0	4.3	11.7	17.7
G141.0	2.1	4.0	10.7	15.4	10.5	3.8	2.0	4.2	11.0	16.7
G142.0	2.1	4.0	9.8	14.5	9.6	3.8	2.0	4.1	10.0	15.5
G143.0	2.1	3.8	9.2	13.6	9.0	3.9	2.0	4.0	9.3	14.5
G144.0	2.1	3.7	8.6	12.7	8.4	3.9	2.1	4.0	8.6	13.6
G145.0	2.1	3.7	8.1	11.8	7.7	3.7	2.1	3.9	8.3	12.6
G146.0	2.2	3.5	7.4	10.9	7.2	3.8	2.0	3.9	7.8	11.7
G147.0	2.2	3.4	7.2	10.0	7.0	3.8	2.1	3.8	7.4	10.7

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 m
 Humidity:
 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	2.2	3.3	6.8	9.2	6.6	3.6	2.2	3.7	7.0	10.0
G149.0	2.2	3.3	6.3	8.6	6.3	3.5	2.1	3.8	6.9	9.3
G150.0	2.2	3.1	6.1	8.0	6.2	3.5	2.2	3.7	6.6	8.8
G151.0	2.3	3.2	5.8	7.6	5.8	3.5	2.2	3.7	6.4	8.4
G152.0	2.3	3.1	5.7	7.1	5.8	3.6	2.2	3.6	6.3	8.1
G153.0	2.3	3.0	5.6	6.8	5.6	3.3	2.2	3.5	6.1	7.7
G154.0	2.3	3.2	5.3	6.4	5.3	3.3	2.3	3.5	5.8	7.4
G155.0	2.4	3.0	5.2	6.2	5.1	3.4	2.3	3.5	5.6	7.1
G156.0	2.3	3.0	5.1	5.9	4.9	3.4	2.3	3.4	5.4	6.8
G157.0	2.4	3.1	4.7	5.6	4.8	3.2	2.3	3.3	5.3	6.4
G158.0	2.4	3.1	4.8	5.3	4.6	3.3	2.3	3.3	5.0	6.2
G159.0	2.4	2.9	4.5	5.2	4.5	3.3	2.4	3.3	4.9	5.9
G160.0	2.5	3.0	4.1	4.9	4.4	3.2	2.3	3.2	4.7	5.6
G161.0	2.5	3.0	3.9	4.8	4.2	3.2	2.3	3.1	4.5	5.4
G162.0	2.5	3.0	3.7	4.6	4.0	3.1	2.4	3.2	4.4	5.1
G163.0	2.5	3.0	3.5	4.4	3.9	3.1	2.4	3.1	4.2	4.9
G164.0	2.4	2.8	3.4	4.2	3.9	3.1	2.4	3.0	4.1	4.6
G165.0	2.5	2.9	3.3	4.1	3.7	3.1	2.4	3.0	4.0	4.5
G166.0	2.4	2.8	3.2	3.9	3.6	3.0	2.5	3.0	3.8	4.3
G167.0	2.6	2.9	3.0	3.8	3.5	2.9	2.4	3.0	3.7	4.1
G168.0	2.6	2.9	3.0	3.6	3.4	2.9	2.5	2.9	3.6	3.9
G169.0	2.5	2.7	3.0	3.5	3.3	2.9	2.4	2.7	3.4	3.7
G170.0	2.5	2.8	3.0	3.4	3.2	2.8	2.4	2.7	3.3	3.5
G171.0	2.6	2.8	2.8	3.3	3.1	2.7	2.5	2.8	3.3	3.4
G172.0	2.6	2.8	2.8	3.2	3.0	2.7	2.4	2.7	3.1	3.3
G173.0	2.6	2.8	2.8	3.0	2.9	2.7	2.5	2.5	3.0	3.1
G174.0	2.5	2.6	2.8	2.9	2.8	2.7	2.4	2.5	2.9	3.0
G175.0	2.6	2.7	2.8	2.7	2.7	2.7	2.5	2.5	2.8	2.9
G176.0	2.4	2.5	2.8	2.7	2.7	2.6	2.6	2.6	2.7	2.7
G177.0	2.6	2.7	2.6	2.6	2.7	2.6	2.6	2.7	2.7	2.6
G178.0	2.4	2.7	2.7	2.6	2.6	2.6	2.6	2.7	2.7	2.6
G179.0	2.4	2.5	2.7	2.6	2.7	2.6	2.6	2.5	2.5	2.5
G180.0	2.5	2.7	2.6	2.5	2.5	2.6	2.6	2.7	2.7	2.5

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 m
 Humidity:
 Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	226.9	226.6	229.5							
G1.0	226.8	226.5	229.2							
G2.0	226.6	226.3	229.1							
G3.0	226.3	226.1	228.8							
G4.0	226.1	225.7	228.5							
G5.0	225.9	225.1	228.1							
G6.0	225.4	224.6	227.6							
G7.0	225.0	224.0	227.1							
G8.0	224.6	223.4	226.4							
G9.0	224.1	222.6	225.6							
G10.0	223.6	221.8	224.6							
G11.0	223.1	220.8	223.8							
G12.0	222.4	219.8	222.8							
G13.0	221.6	218.7	221.6							
G14.0	220.8	217.7	220.2							
G15.0	220.0	216.5	219.0							
G16.0	219.2	215.4	217.7							
G17.0	218.3	214.0	216.3							
G18.0	217.4	212.6	214.8							
G19.0	216.4	211.1	212.9							
G20.0	215.2	209.6	211.4							
G21.0	214.2	208.1	209.6							
G22.0	213.0	206.4	207.7							
G23.0	211.9	204.7	205.6							
G24.0	210.7	203.0	203.8							
G25.0	209.4	200.9	201.5							
G26.0	208.1	199.0	199.4							
G27.0	206.6	197.1	197.3							
G28.0	205.2	195.2	195.1							
G29.0	203.8	193.3	192.7							
G30.0	202.3	191.1	190.1							
G31.0	200.8	189.0	187.7							
G32.0	199.2	186.6	185.2							
G33.0	197.7	184.4	182.7							
G34.0	196.1	182.1	180.1							
G35.0	194.2	179.8	177.1							
G36.0	192.5	177.5	174.4							

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 m
 Humidity:
 Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	190.8	175.1	171.6							
G38.0	189.1	172.7	168.8							
G39.0	187.3	170.2	166.0							
G40.0	185.5	167.7	162.8							
G41.0	183.7	165.2	159.8							
G42.0	181.8	162.4	156.8							
G43.0	179.8	159.9	153.7							
G44.0	177.9	157.1	150.3							
G45.0	175.9	154.5	147.1							
G46.0	174.0	151.9	144.0							
G47.0	172.0	148.9	140.7							
G48.0	170.0	146.2	137.4							
G49.0	167.9	143.4	133.8							
G50.0	165.8	140.6	130.4							
G51.0	163.7	137.8	126.9							
G52.0	161.6	135.1	123.5							
G53.0	159.6	132.3	120.1							
G54.0	157.4	129.5	116.3							
G55.0	155.3	126.4	112.8							
G56.0	153.2	123.6	109.3							
G57.0	150.9	120.7	105.9							
G58.0	148.7	117.9	102.2							
G59.0	146.6	115.1	98.2							
G60.0	144.4	112.3	94.5							
G61.0	142.3	109.4	90.9							
G62.0	140.1	106.6	86.9							
G63.0	137.8	103.5	83.3							
G64.0	135.6	100.7	79.5							
G65.0	133.4	98.0	75.8							
G66.0	131.2	95.2	71.6							
G67.0	129.0	92.5	68.1							
G68.0	126.8	89.8	64.1							
G69.0	124.6	86.9	60.4							
G70.0	122.4	84.2	56.7							
G71.0	120.2	81.6	53.0							
G72.0	118.0	78.9	49.0							
G73.0	115.8	76.4	45.4							

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 m
 Humidity:
 Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	113.7	73.8	41.8							
G75.0	111.6	71.4	38.3							
G76.0	109.3	69.0	34.4							
G77.0	107.3	66.3	30.8							
G78.0	105.2	64.0	27.6							
G79.0	102.9	61.7	24.0							
G80.0	100.9	59.5	21.0							
G81.0	98.8	57.4	17.9							
G82.0	96.6	55.1	14.7							
G83.0	94.6	53.0	12.0							
G84.0	92.6	51.1	9.5							
G85.0	90.5	49.1	7.2							
G86.0	88.5	47.2	5.0							
G87.0	86.6	45.4	3.4							
G88.0	84.5	43.7	2.3							
G89.0	82.6	41.8	1.4							
G90.0	80.7	40.2	0.8							
G91.0	78.9	38.7	1.0							
G92.0	76.8	37.3	1.0							
G93.0	75.1	35.7	0.9							
G94.0	73.2	34.4	0.9							
G95.0	71.5	33.0	1.1							
G96.0	69.8	31.8	1.1							
G97.0	67.9	30.5	0.9							
G98.0	66.2	29.3	1.1							
G99.0	64.6	28.1	1.1							
G100.0	62.9	27.0	1.0							
G101.0	61.3	26.3	1.2							
G102.0	59.7	25.2	1.1							
G103.0	58.2	24.4	1.1							
G104.0	56.6	23.4	1.3							
G105.0	55.1	22.3	1.3							
G106.0	53.0	20.5	1.2							
G107.0	46.9	19.1	1.2							
G108.0	33.6	17.7	1.4							
G109.0	30.2	16.5	1.4							
G110.0	28.5	15.8	1.2							

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 m
 Humidity:
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G111.0	27.0	15.3	1.3							
G112.0	26.6	14.8	1.5							
G113.0	31.3	14.4	1.4							
G114.0	34.1	13.8	1.5							
G115.0	33.8	13.4	1.5							
G116.0	33.0	12.9	1.4							
G117.0	31.9	12.4	1.5							
G118.0	30.9	11.9	1.6							
G119.0	29.9	11.3	1.5							
G120.0	29.0	10.8	1.5							
G121.0	28.4	10.2	1.7							
G122.0	27.6	9.6	1.5							
G123.0	26.8	9.0	1.6							
G124.0	25.8	8.5	1.7							
G125.0	25.0	7.9	1.7							
G126.0	24.2	7.4	1.8							
G127.0	23.4	6.9	1.8							
G128.0	22.3	6.4	1.7							
G129.0	21.5	6.1	1.8							
G130.0	20.8	5.8	1.9							
G131.0	19.9	5.5	1.8							
G132.0	18.8	5.4	1.9							
G133.0	17.9	5.2	2.0							
G134.0	17.0	5.1	1.9							
G135.0	16.3	5.0	1.9							
G136.0	15.4	4.9	1.9							
G137.0	14.6	4.7	2.0							
G138.0	13.5	4.6	2.0							
G139.0	12.8	4.6	2.0							
G140.0	12.0	4.4	2.0							
G141.0	11.0	4.3	2.1							
G142.0	10.2	4.2	2.1							
G143.0	9.5	4.2	2.1							
G144.0	8.9	4.0	2.1							
G145.0	8.3	3.9	2.1							
G146.0	7.7	3.9	2.2							
G147.0	7.4	3.8	2.2							

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 m
 Humidity:
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G148.0	7.2	3.6	2.2							
G149.0	6.9	3.5	2.2							
G150.0	6.6	3.6	2.2							
G151.0	6.5	3.2	2.3							
G152.0	6.3	3.3	2.3							
G153.0	6.0	3.3	2.3							
G154.0	5.9	3.1	2.3							
G155.0	5.7	3.1	2.4							
G156.0	5.5	3.1	2.3							
G157.0	5.2	3.1	2.4							
G158.0	5.0	3.0	2.4							
G159.0	4.9	2.9	2.4							
G160.0	4.8	2.9	2.5							
G161.0	4.4	3.0	2.5							
G162.0	4.3	2.8	2.5							
G163.0	4.0	2.8	2.5							
G164.0	3.7	2.9	2.4							
G165.0	3.6	2.8	2.5							
G166.0	3.4	2.7	2.4							
G167.0	3.1	2.8	2.6							
G168.0	3.1	2.7	2.6							
G169.0	2.9	2.8	2.5							
G170.0	2.9	2.8	2.5							
G171.0	2.9	2.6	2.6							
G172.0	2.8	2.6	2.6							
G173.0	2.7	2.7	2.6							
G174.0	2.7	2.7	2.5							
G175.0	2.8	2.5	2.6							
G176.0	2.6	2.7	2.4							
G177.0	2.6	2.5	2.6							
G178.0	2.6	2.7	2.4							
G179.0	2.5	2.5	2.4							
G180.0	2.6	2.7	2.5							

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.062 m
 Humidity:
 Inspector: