

Report No.: 2

Test Time: 2016/1/25 14:48

Luminaire Property

Luminaire Manufacturer:
Voltage: 220 V
Power: 34.27W

Current: 0.162A
Power Factor: 0.959

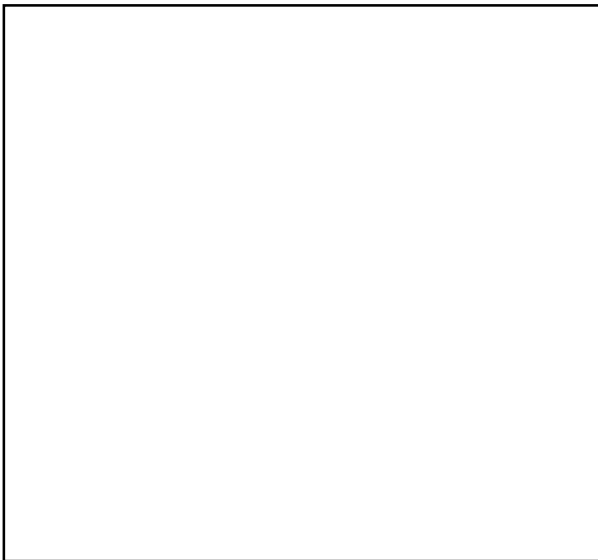
Photometric Results

CIE Class: Semi-Direct
Measurement Flux: 3322.3 lm
Downward Ratio: 90%
Horizontal Diffuse Angle(50%): H112.6
Vertical Diffuse Angle(50%): V135.3
Luminaire Efficacy Rating (LER): 97
Max. Intensity: 903.36 cd

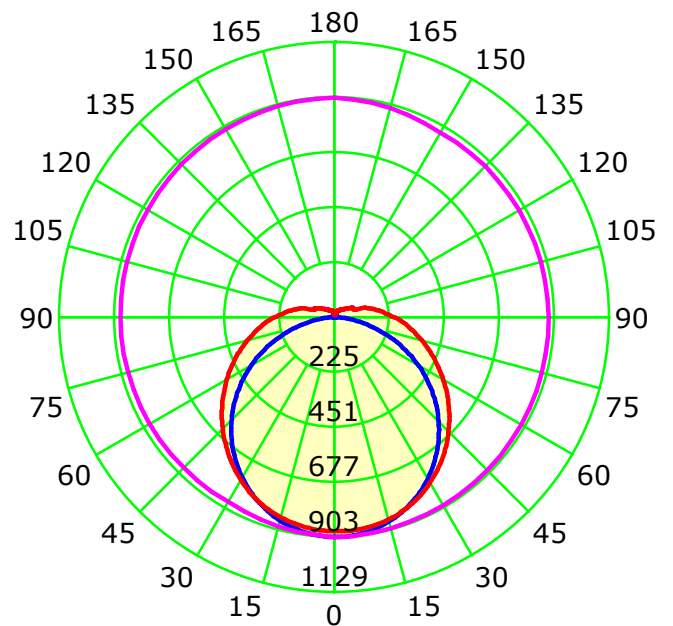
Total Rated Lamp Lumens: 3322.3 lm
Efficiency: 100%
Upward Ratio: 10%

Central Intensity: 903.32 cd
Pos of Max. Intensity: H0 V1

Picture Of Luminaire



Luminous Intensity Distribution Curve



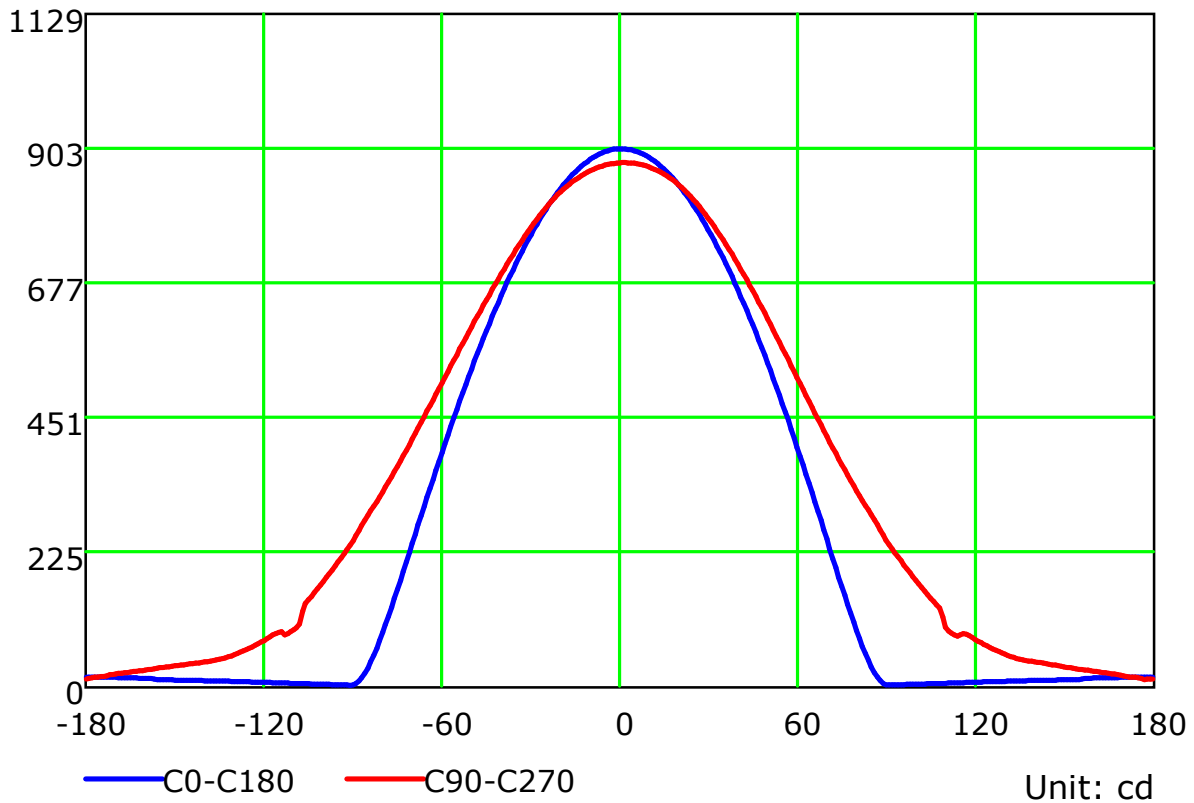
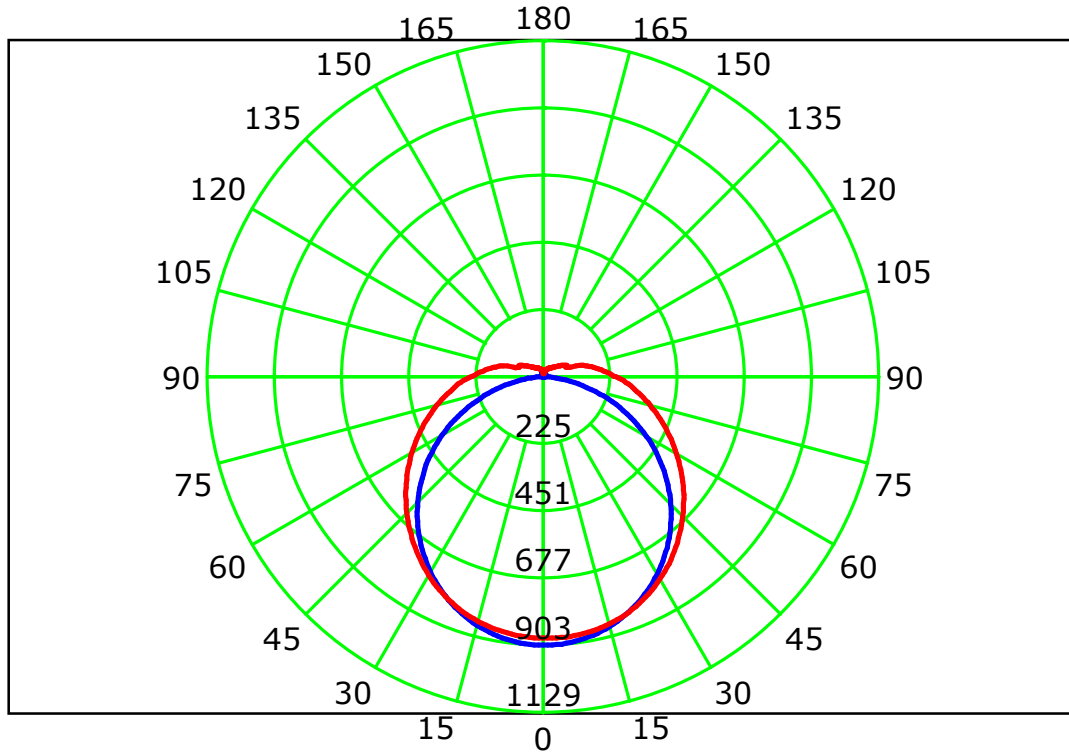
Average Diffuse Angle(50%): 124.0° Unit: cd

— C0-C180 — C90-C270 — G1

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:

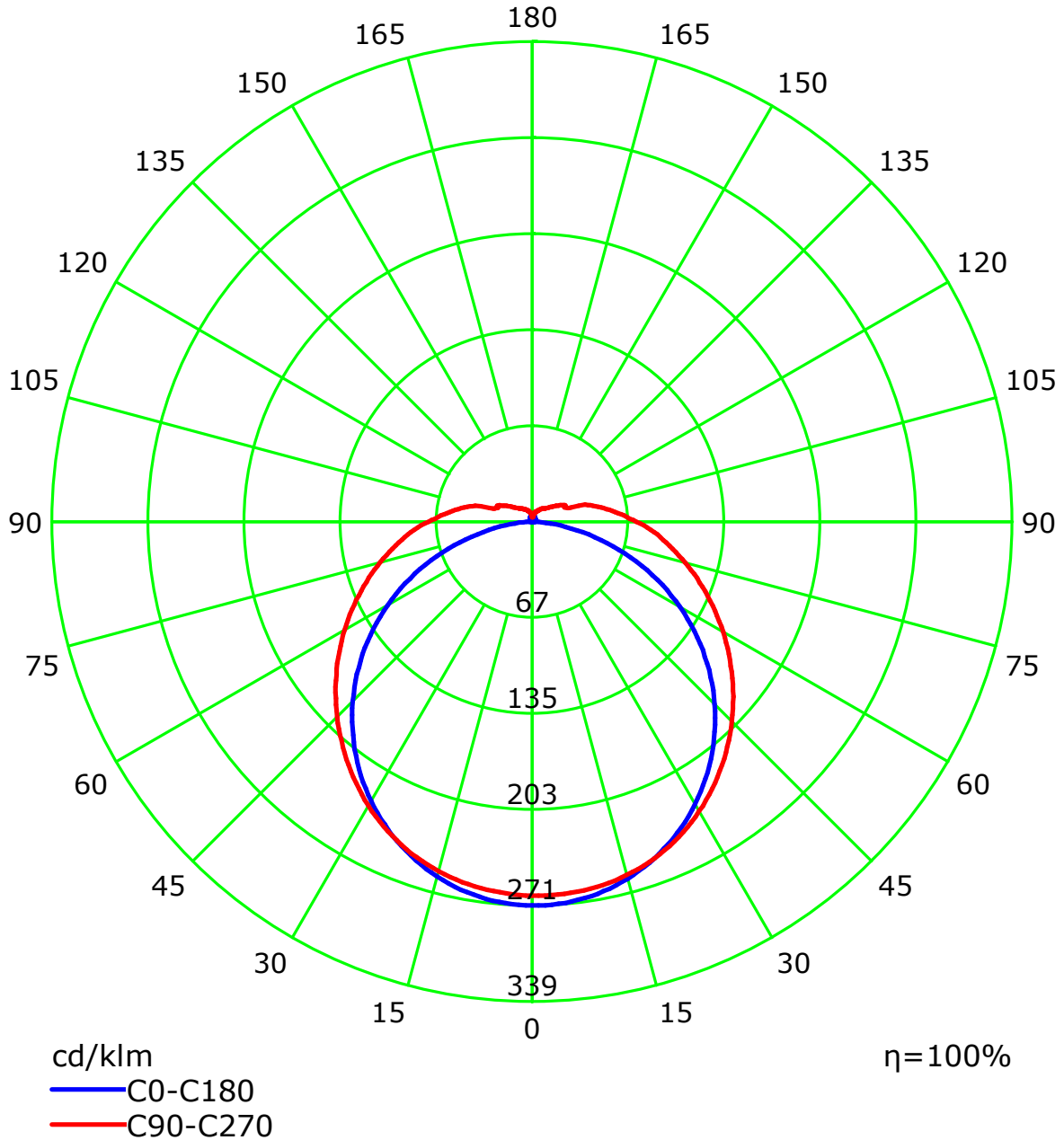
Luminous Intensity Distribution Curve



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)



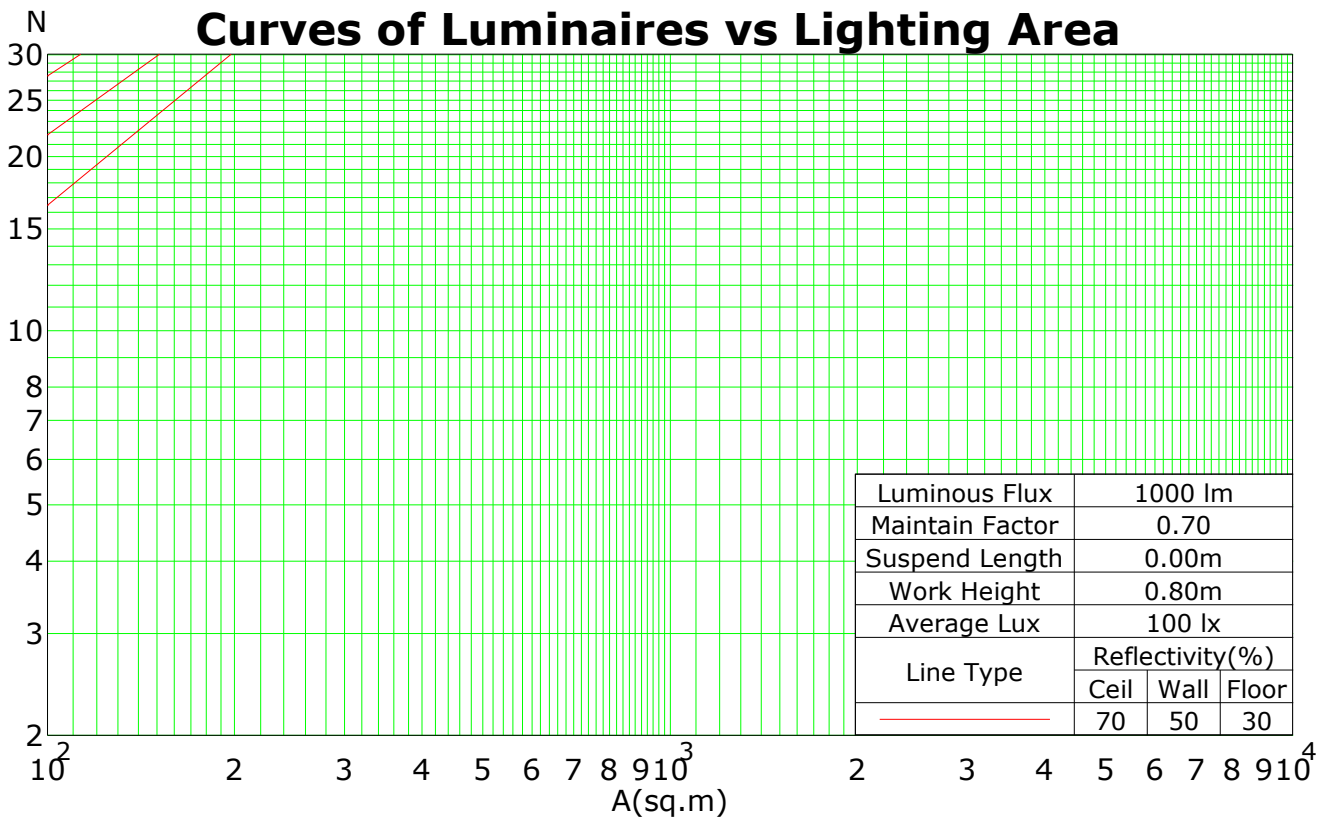
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	117	117	117	117	113	113	113	113	105	105	105	99	99	99	93	93	93	90
1	104	99	93	89	100	95	91	86	89	85	82	83	80	77	78	76	73	71
2	94	85	77	71	90	82	75	69	77	71	66	72	67	63	67	63	60	57
3	85	74	65	58	82	71	63	57	67	60	54	63	57	52	59	54	50	47
4	78	65	56	49	75	63	54	48	59	52	46	56	49	44	52	47	42	40
5	71	58	48	41	68	56	47	41	53	45	39	50	43	38	47	41	37	34
6	66	52	43	36	63	50	42	35	47	40	34	45	38	33	42	37	32	30
7	61	47	38	32	58	46	37	31	43	36	30	41	34	29	39	33	28	26
8	57	43	34	28	54	42	33	28	39	32	27	37	31	26	35	30	25	23
9	53	39	31	25	51	38	30	25	36	29	24	34	28	23	33	27	23	21
10	49	36	28	23	48	35	27	22	33	26	22	32	26	21	30	25	21	19

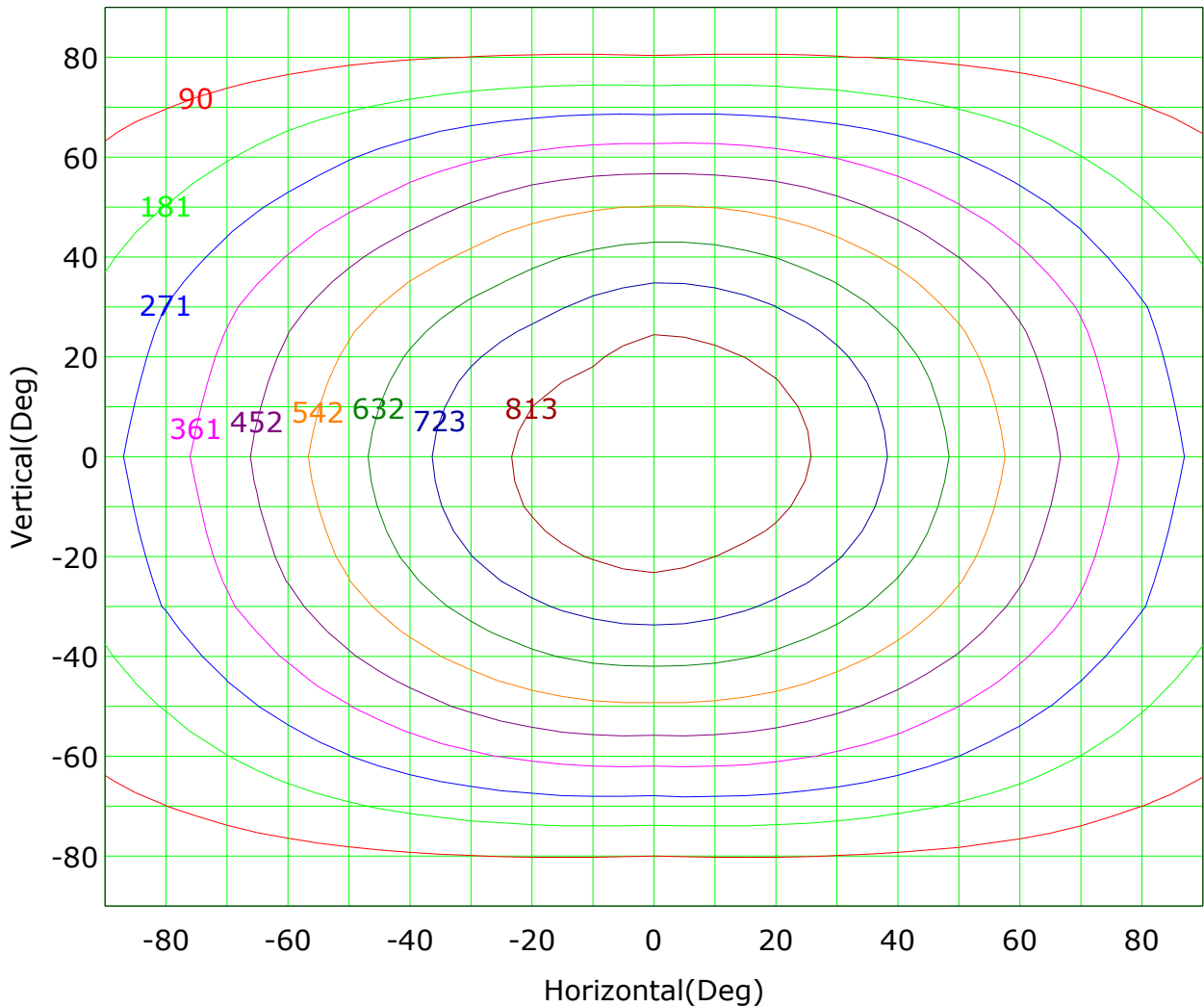
Spacing Criteria (0-180): 1.26
 Spacing Criteria (90-270): 1.32
 Spacing Criteria (Diagonal): 1.40



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)



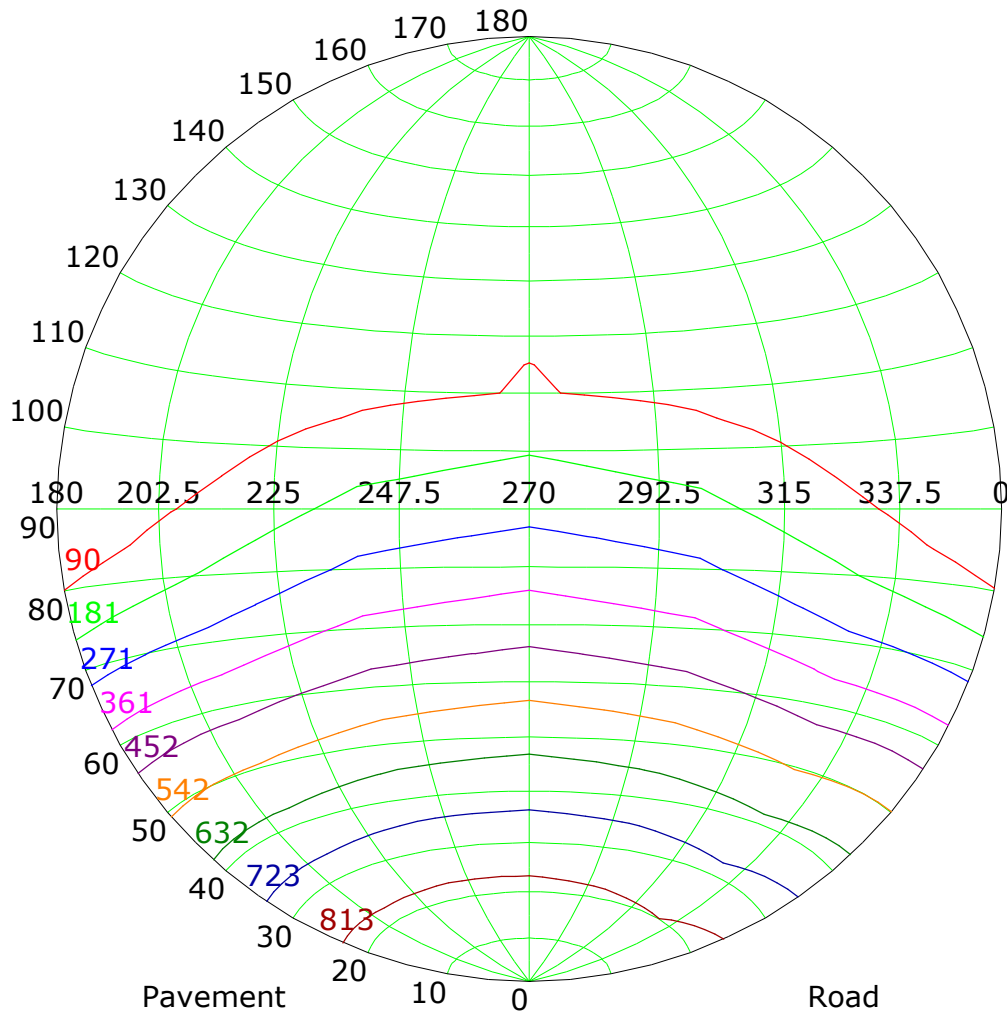
Imax (100%): 903 cd

— (10%): 90 cd	— (20%): 181 cd
— (30%): 271 cd	— (40%): 361 cd
— (50%): 452 cd	— (60%): 542 cd
— (70%): 632 cd	— (80%): 723 cd
— (90%): 813 cd	— (100%): 903 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)



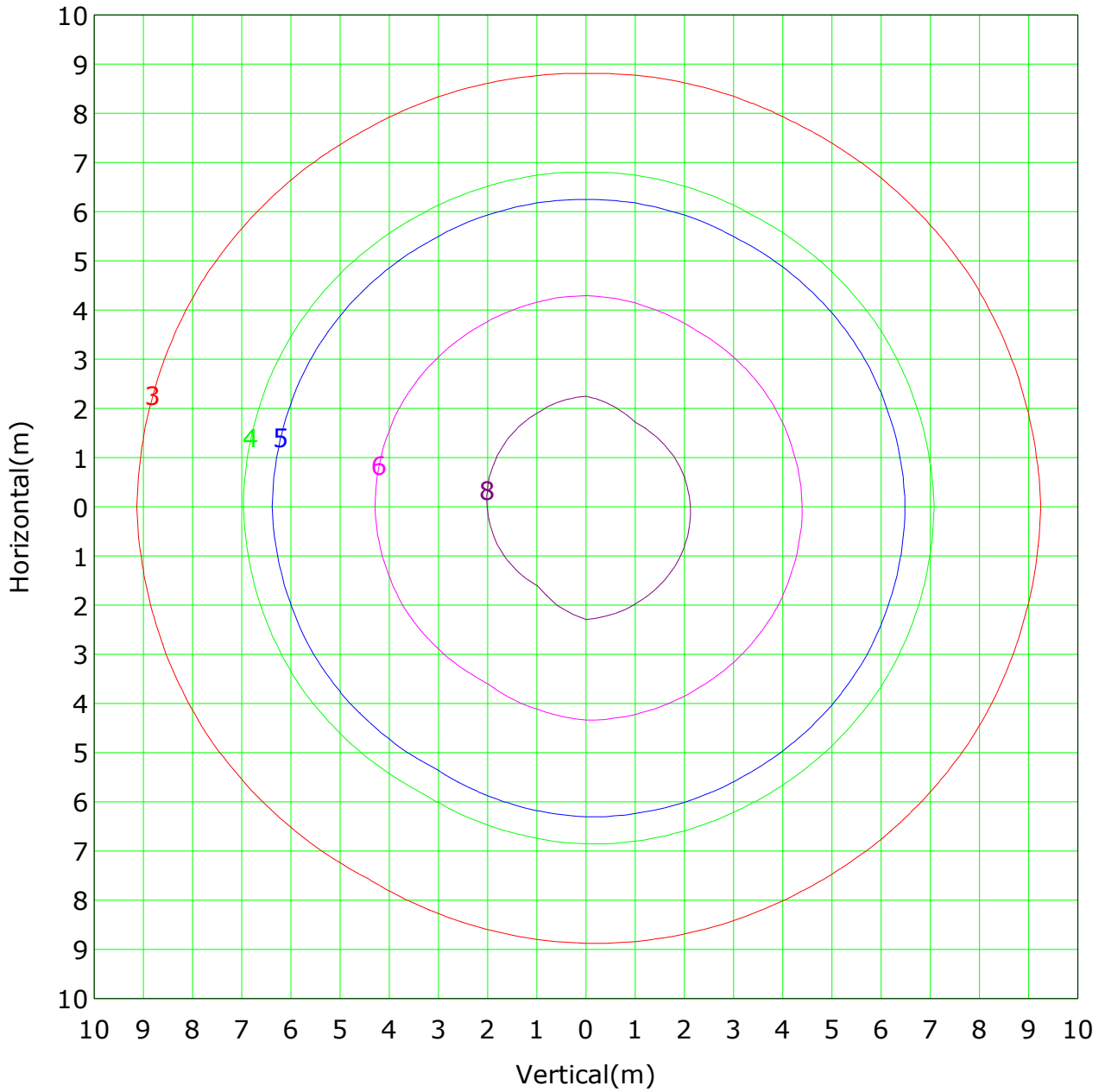
Imax (100%): 903 cd

— (10%): 90 cd	— (20%): 181 cd
— (30%): 271 cd	— (40%): 361 cd
— (50%): 452 cd	— (60%): 542 cd
— (70%): 632 cd	— (80%): 723 cd
— (90%): 813 cd	— (100%): 903 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%): 9.0 lx

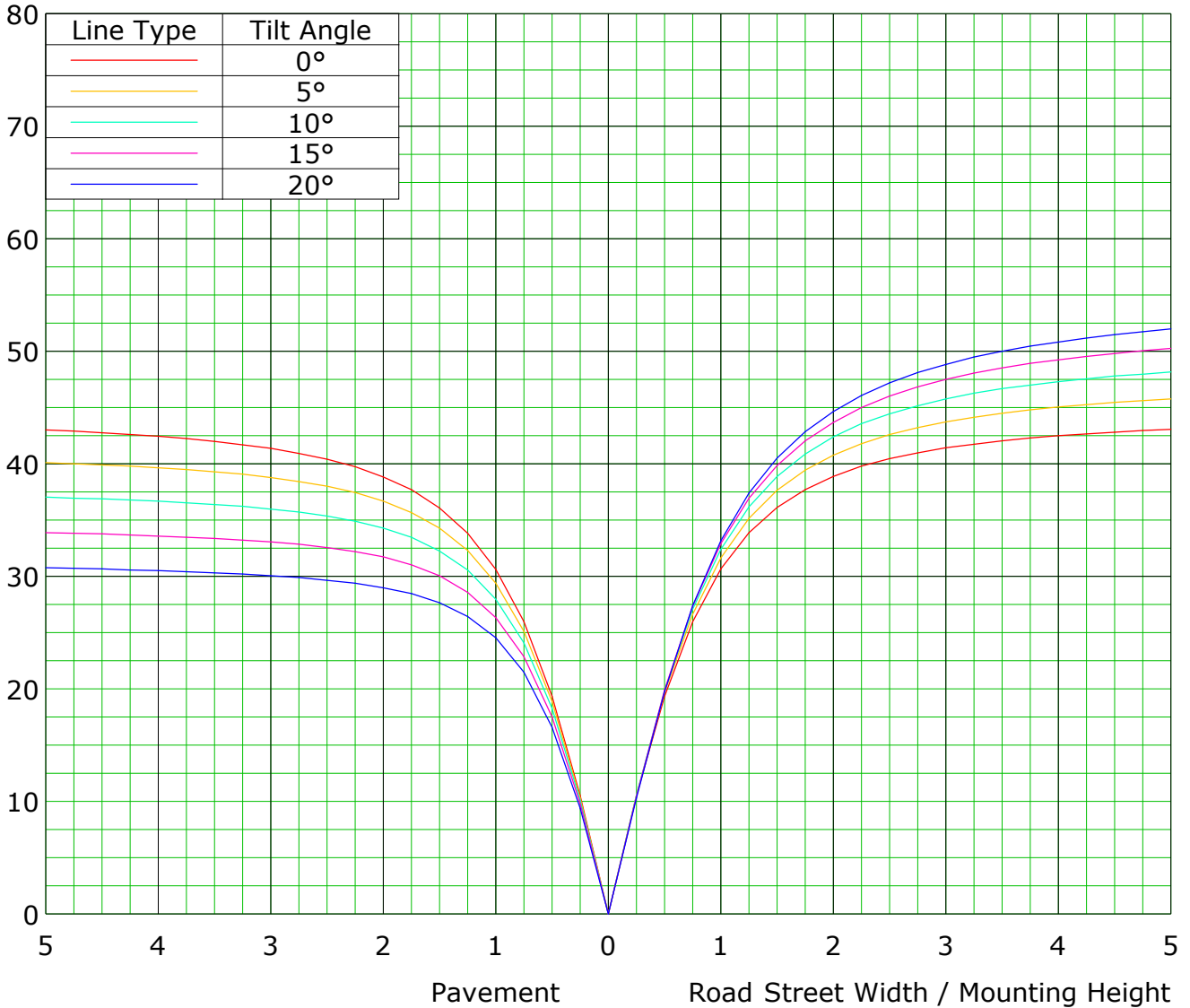
— (30%): 2.7 lx	— (45%): 4.1 lx
— (50%): 4.5 lx	— (70%): 6.3 lx
— (90%): 8.1 lx	

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(%)



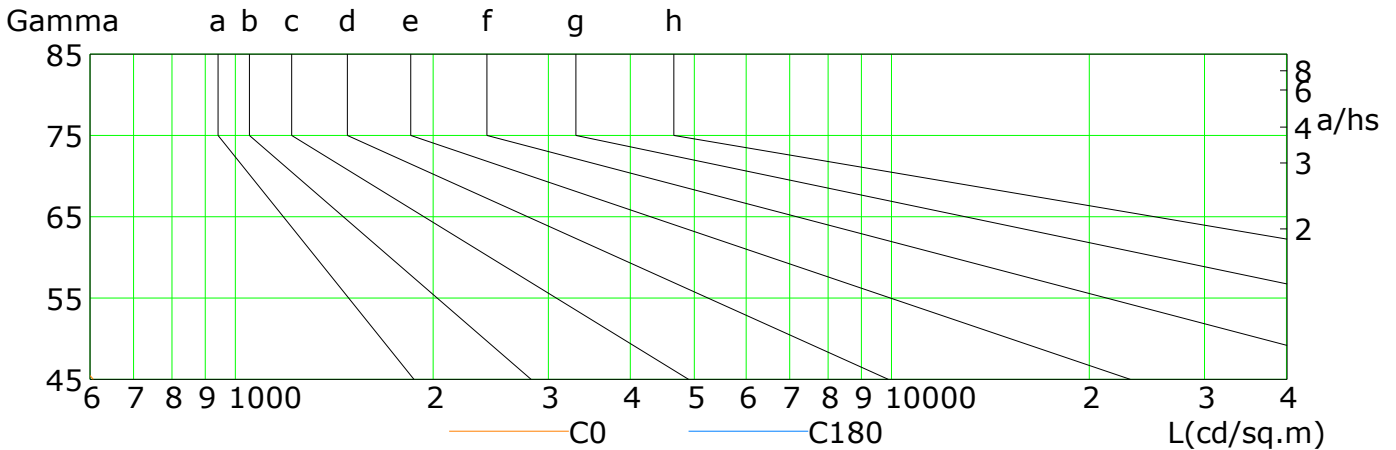
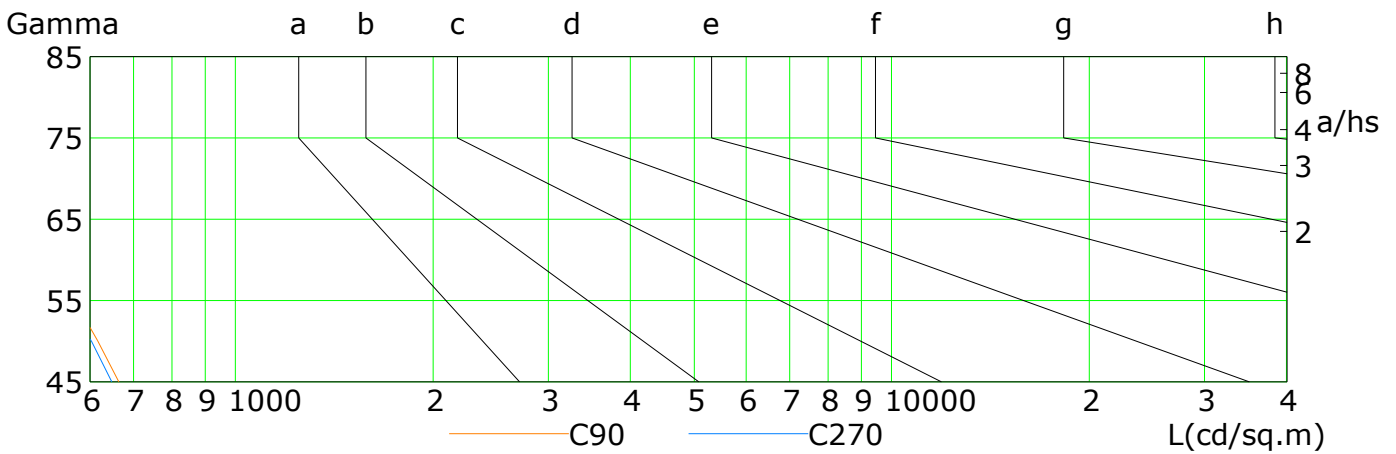
C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

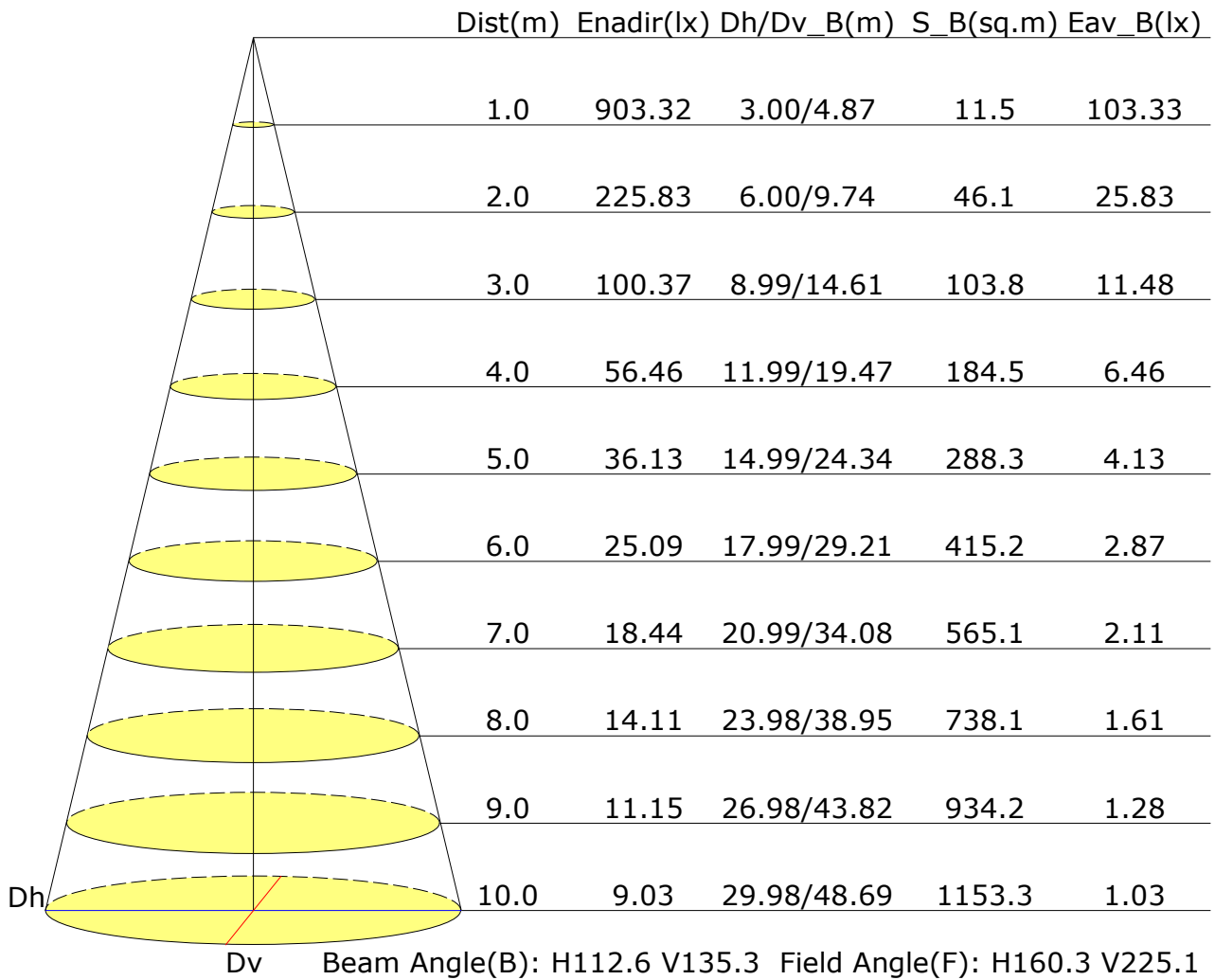


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	608	544	474	402	326	247	168	94	33
C90	665	618	568	518	469	420	373	328	288
C180	597	533	465	393	318	240	163	91	31
C270	649	604	557	510	463	416	370	326	287

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:

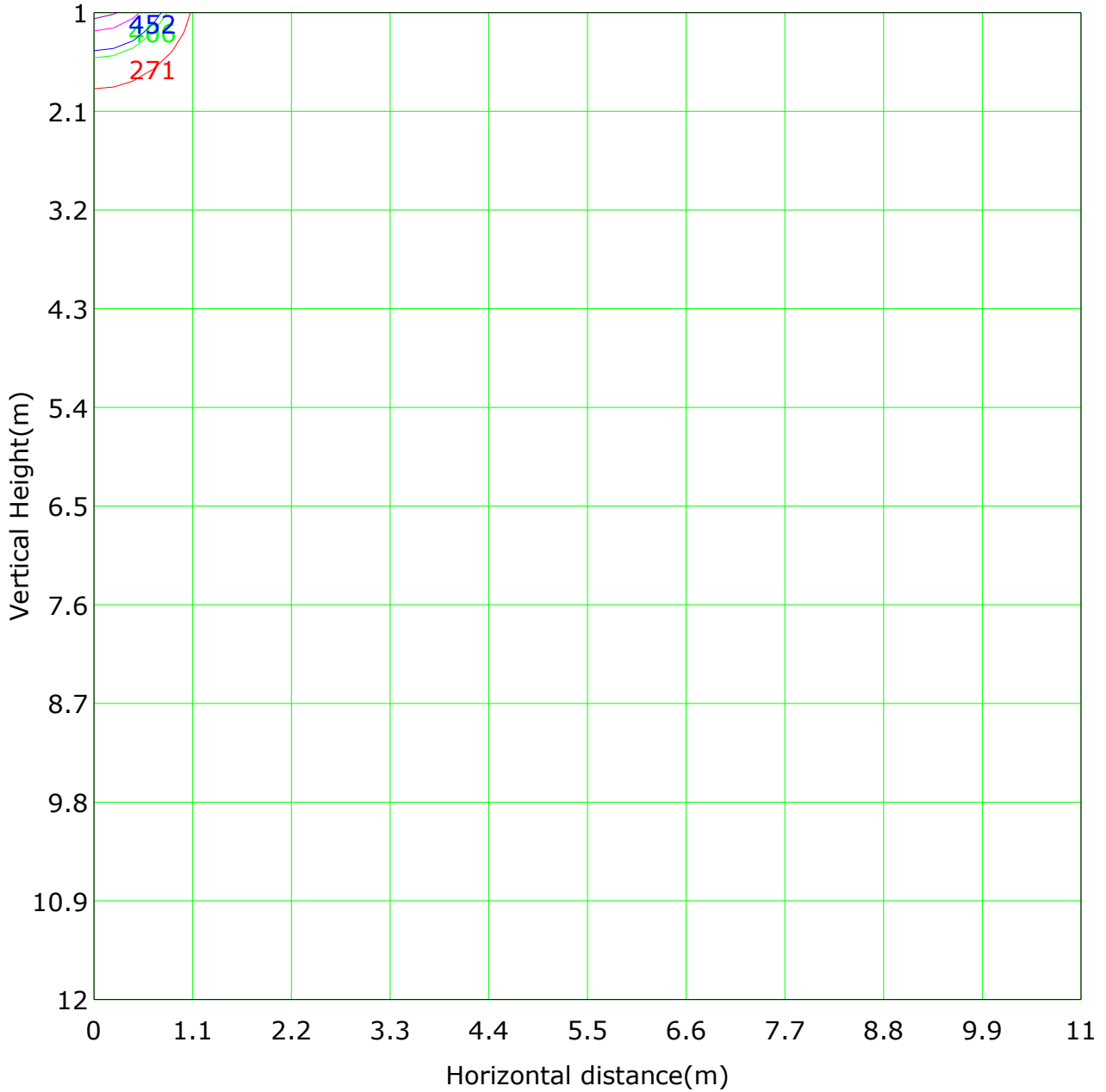
Illuminance at a Distance



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:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 12.0m Max Lux: 903.3 lx
 — (30%): 271.0 lx — (45%): 406.5 lx
 — (50%): 451.7 lx — (70%): 632.3 lx
 — (90%): 813.0 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:

Area Flux Table

Unit: lx

Vertical plane	-90.0	-80.0	-70.0	-60.0	-50.0	-40.0	-30.0	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0
Flux(E)	72.0	94.9	120.2	146.1	171.2	194.3	213.4	227.1	235.5	236.7	230.0	217.4	198.7	175.3	149.1	122.1	96.2	72.8	
Flux(T)	73.6	95.9	120.8	146.5	171.6	194.6	213.7	227.4	235.8	236.9	230.3	217.7	199.0	175.6	149.5	122.7	97.1	74.4	2983
Flux(E)																			2973

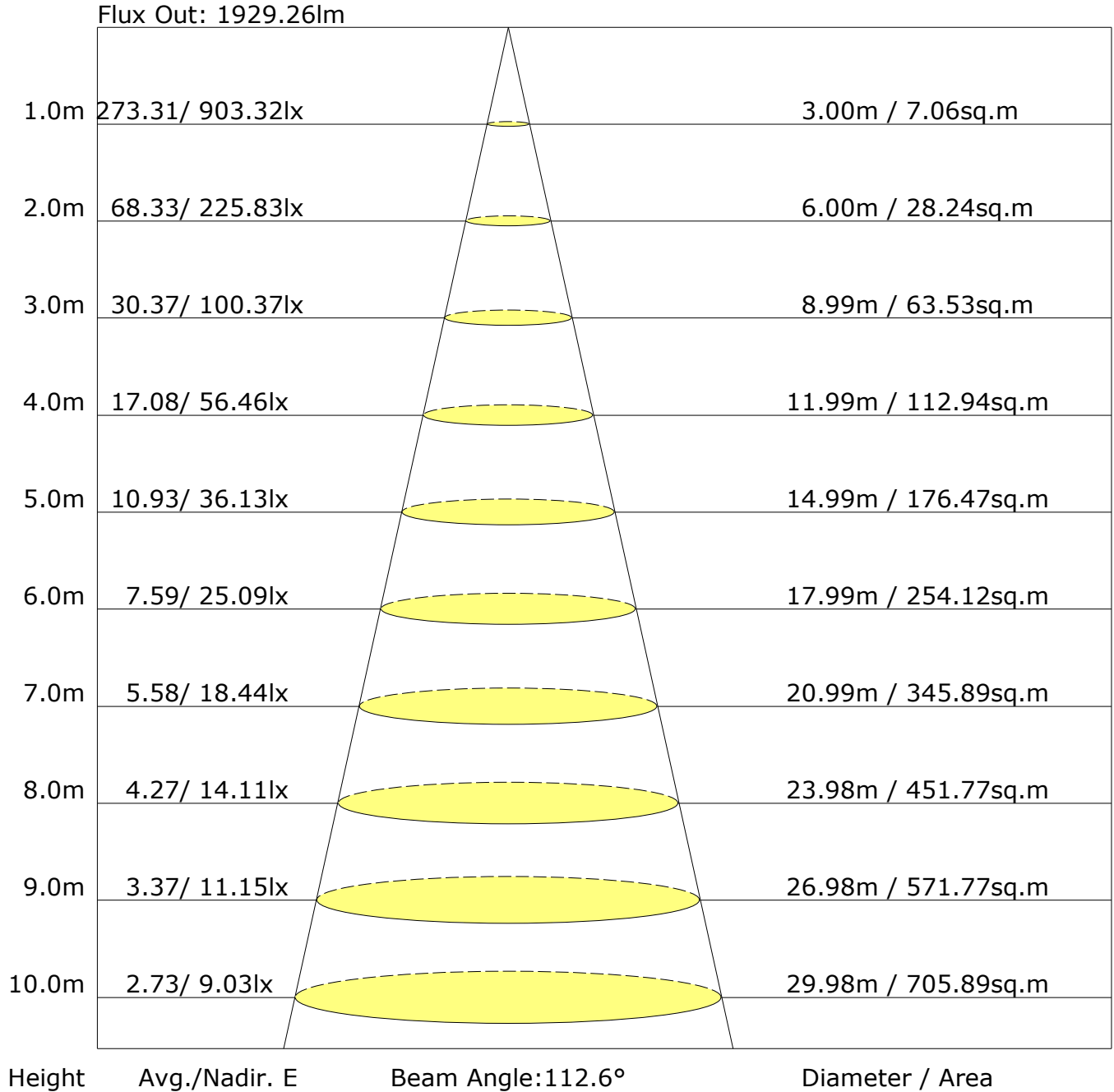
-90.0 -80.0 -70.0 -60.0 -50.0 -40.0 -30.0 -20.0 -10.0 0.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0 Flux(Flux(E))

Horizontal plane

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

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

The Average Illuminance Effective Figure



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.\$	1.\$
3H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
12H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
X=4H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
12H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
X=8H Y=4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
12H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
X=12H Y=4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	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	0.53	0.61	0.68	0.73	0.81	0.85	0.89	0.94	0.97	
	0.30		0.45	0.53	0.61	0.66	0.74	0.79	0.83	0.89	0.93	
	0.20		0.40	0.47	0.54	0.60	0.68	0.74	0.78	0.85	0.89	
0.50	0.50	0.20	0.51	0.58	0.65	0.69	0.76	0.80	0.83	0.88	0.91	
	0.30		0.44	0.51	0.58	0.63	0.70	0.75	0.79	0.84	0.87	
	0.20		0.39	0.46	0.53	0.58	0.65	0.71	0.75	0.80	0.84	
0.30	0.50	0.20	0.48	0.55	0.61	0.65	0.71	0.75	0.78	0.82	0.85	
	0.30		0.42	0.49	0.55	0.60	0.67	0.71	0.75	0.79	0.82	
	0.20		0.38	0.44	0.51	0.56	0.63	0.67	0.71	0.76	0.80	
0.00	0.00	0.00	0.35	0.41	0.47	0.51	0.57	0.62	0.65	0.70	0.73	
<p>Rating:36W 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	1.00	0.86	0.74	0.65	0.53	0.45	0.39	0.31	0.26	
	0.30		0.83	0.73	0.64	0.58	0.48	0.42	0.36	0.30	0.25	
	0.20		0.71	0.64	0.57	0.52	0.44	0.38	0.34	0.28	0.24	
0.50	0.50	0.20	0.94	0.81	0.69	0.61	0.50	0.45	0.37	0.29	0.24	
	0.30		0.80	0.70	0.61	0.55	0.46	0.39	0.35	0.28	0.23	
	0.20		0.69	0.62	0.55	0.50	0.42	0.37	0.32	0.27	0.22	
0.30	0.50	0.20	0.89	0.76	0.65	0.58	0.47	0.40	0.35	0.28	0.23	
	0.30		0.76	0.67	0.59	0.52	0.44	0.37	0.33	0.27	0.22	
	0.20		0.67	0.60	0.53	0.48	0.40	0.35	0.31	0.25	0.21	
0.00	0.00	0.00	0.55	0.49	0.43	0.39	0.33	0.28	0.25	0.20	0.17	
<p>Rating: 36W 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	0.26	0.28	0.29	0.29	0.30	0.31	0.31	0.32	0.32
	0.30		0.19	0.21	0.22	0.23	0.25	0.26	0.27	0.28	0.29
	0.20		0.15	0.16	0.17	0.19	0.20	0.22	0.23	0.25	0.26
0.50	0.50	0.20	0.25	0.27	0.28	0.28	0.29	0.29	0.30	0.30	0.30
	0.30		0.19	0.21	0.22	0.23	0.24	0.25	0.26	0.27	0.28
	0.20		0.14	0.16	0.17	0.18	0.20	0.21	0.22	0.24	0.25
0.30	0.50	0.20	0.25	0.26	0.27	0.27	0.28	0.28	0.29	0.29	0.29
	0.30		0.19	0.20	0.21	0.22	0.23	0.24	0.25	0.26	0.27
	0.20		0.14	0.16	0.17	0.18	0.20	0.21	0.22	0.23	0.24
0.00	0.00	0.00	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
<p>Rating:36W 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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	885.6	0.8	0.8	0.03	0.03
1.0-2.0	885.3	2.5	3.4	0.08	0.10
2.0-3.0	884.8	4.2	7.6	0.13	0.23
3.0-4.0	884.0	5.9	13.5	0.18	0.41
4.0-5.0	883.0	7.6	21.1	0.23	0.64
5.0-6.0	881.7	9.3	30.4	0.28	0.92
6.0-7.0	880.2	10.9	41.3	0.33	1.24
7.0-8.0	878.4	12.6	53.9	0.38	1.62
8.0-9.0	876.3	14.2	68.1	0.43	2.05
9.0-10.0	873.9	15.8	83.9	0.48	2.53
10.0-11.0	871.3	17.4	101.3	0.52	3.05
11.0-12.0	868.5	19.0	120.3	0.57	3.62
12.0-13.0	865.3	20.5	140.9	0.62	4.24
13.0-14.0	861.8	22.1	162.9	0.66	4.90
14.0-15.0	858.2	23.6	186.5	0.71	5.61
15.0-16.0	854.3	25.0	211.5	0.75	6.37
16.0-17.0	850.1	26.5	238.0	0.80	7.16
17.0-18.0	845.6	27.9	265.9	0.84	8.00
18.0-19.0	840.8	29.3	295.1	0.88	8.88
19.0-20.0	835.7	30.6	325.7	0.92	9.80
20.0-21.0	830.5	31.9	357.6	0.96	10.76
21.0-22.0	824.9	33.2	390.8	1.00	11.76
22.0-23.0	819.1	34.4	425.1	1.03	12.80
23.0-24.0	813.0	35.6	460.7	1.07	13.87
24.0-25.0	806.7	36.7	497.4	1.10	14.97
25.0-26.0	800.1	37.8	535.2	1.14	16.11
26.0-27.0	793.2	38.8	574.0	1.17	17.28
27.0-28.0	786.1	39.8	613.8	1.20	18.47
28.0-29.0	778.8	40.7	654.5	1.23	19.70
29.0-30.0	771.2	41.6	696.2	1.25	20.95
30.0-31.0	763.3	42.5	738.6	1.28	22.23
31.0-32.0	755.2	43.3	781.9	1.30	23.54
32.0-33.0	746.9	44.0	825.9	1.32	24.86
33.0-34.0	738.4	44.7	870.6	1.35	26.21
34.0-35.0	729.7	45.3	916.0	1.36	27.57
35.0-36.0	720.8	45.9	961.9	1.38	28.95

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	711.7	46.4	1008.3	1.40	30.35
37.0-38.0	702.3	46.9	1055.2	1.41	31.76
38.0-39.0	692.8	47.3	1102.5	1.42	33.18
39.0-40.0	683.1	47.6	1150.1	1.43	34.62
40.0-41.0	673.2	47.9	1198.0	1.44	36.06
41.0-42.0	663.2	48.2	1246.2	1.45	37.51
42.0-43.0	653.1	48.4	1294.6	1.46	38.97
43.0-44.0	642.7	48.5	1343.1	1.46	40.43
44.0-45.0	632.1	48.6	1391.7	1.46	41.89
45.0-46.0	621.3	48.6	1440.3	1.46	43.35
46.0-47.0	610.6	48.6	1488.9	1.46	44.82
47.0-48.0	599.7	48.5	1537.4	1.46	46.27
48.0-49.0	588.7	48.4	1585.7	1.46	47.73
49.0-50.0	577.5	48.2	1633.9	1.45	49.18
50.0-51.0	566.3	47.9	1681.8	1.44	50.62
51.0-52.0	554.9	47.6	1729.4	1.43	52.06
52.0-53.0	543.5	47.3	1776.7	1.42	53.48
53.0-54.0	531.9	46.9	1823.6	1.41	54.89
54.0-55.0	520.2	46.4	1870.0	1.40	56.29
55.0-56.0	508.5	46.0	1916.0	1.38	57.67
56.0-57.0	496.8	45.4	1961.4	1.37	59.04
57.0-58.0	485.1	44.9	2006.3	1.35	60.39
58.0-59.0	473.2	44.2	2050.5	1.33	61.72
59.0-60.0	461.3	43.6	2094.1	1.31	63.03
60.0-61.0	449.4	42.9	2137.0	1.29	64.32
61.0-62.0	437.5	42.2	2179.2	1.27	65.59
62.0-63.0	425.5	41.4	2220.5	1.25	66.84
63.0-64.0	413.6	40.6	2261.1	1.22	68.06
64.0-65.0	401.7	39.8	2300.9	1.20	69.26
65.0-66.0	389.9	38.9	2339.8	1.17	70.43
66.0-67.0	377.9	38.0	2377.8	1.14	71.57
67.0-68.0	366.1	37.1	2414.9	1.12	72.69
68.0-69.0	354.4	36.2	2451.0	1.09	73.78
69.0-70.0	342.8	35.2	2486.3	1.06	74.84
70.0-71.0	331.2	34.2	2520.5	1.03	75.87
71.0-72.0	319.5	33.2	2553.7	1.00	76.87

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	308.1	32.2	2585.9	0.97	77.84
73.0-74.0	296.9	31.2	2617.2	0.94	78.78
74.0-75.0	285.8	30.2	2647.4	0.91	79.69
75.0-76.0	274.9	29.2	2676.6	0.88	80.56
76.0-77.0	264.1	28.2	2704.7	0.85	81.41
77.0-78.0	253.4	27.1	2731.8	0.82	82.23
78.0-79.0	242.9	26.1	2758.0	0.79	83.01
79.0-80.0	232.7	25.1	2783.0	0.76	83.77
80.0-81.0	222.8	24.1	2807.1	0.73	84.49
81.0-82.0	213.2	23.1	2830.3	0.70	85.19
82.0-83.0	204.0	22.2	2852.4	0.67	85.86
83.0-84.0	195.2	21.3	2873.7	0.64	86.50
84.0-85.0	186.7	20.4	2894.1	0.61	87.11
85.0-86.0	178.5	19.5	2913.6	0.59	87.70
86.0-87.0	170.5	18.7	2932.3	0.56	88.26
87.0-88.0	162.9	17.8	2950.1	0.54	88.80
88.0-89.0	155.4	17.0	2967.1	0.51	89.31
89.0-90.0	148.4	16.3	2983.4	0.49	89.80
90.0-91.0	141.9	15.6	2999.0	0.47	90.27
91.0-92.0	136.0	14.9	3013.9	0.45	90.72
92.0-93.0	130.6	14.3	3028.2	0.43	91.15
93.0-94.0	125.4	13.7	3041.9	0.41	91.56
94.0-95.0	120.5	13.2	3055.1	0.40	91.96
95.0-96.0	115.7	12.6	3067.7	0.38	92.34
96.0-97.0	110.9	12.1	3079.8	0.36	92.70
97.0-98.0	106.4	11.6	3091.4	0.35	93.05
98.0-99.0	101.8	11.0	3102.4	0.33	93.38
99.0-100.0	97.2	10.5	3112.9	0.32	93.70
100.0-101.0	92.4	10.0	3122.9	0.30	94.00
101.0-102.0	87.9	9.4	3132.3	0.28	94.28
102.0-103.0	83.9	9.0	3141.3	0.27	94.55
103.0-104.0	79.9	8.5	3149.8	0.26	94.81
104.0-105.0	75.2	8.0	3157.8	0.24	95.05
105.0-106.0	69.4	7.3	3165.2	0.22	95.27
106.0-107.0	63.2	6.7	3171.8	0.20	95.47
107.0-108.0	57.8	6.0	3177.8	0.18	95.65

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	53.7	5.6	3183.4	0.17	95.82
109.0-110.0	50.8	5.2	3188.7	0.16	95.98
110.0-111.0	49.2	5.1	3193.7	0.15	96.13
111.0-112.0	48.9	5.0	3198.7	0.15	96.28
112.0-113.0	48.6	4.9	3203.7	0.15	96.43
113.0-114.0	48.0	4.8	3208.5	0.15	96.57
114.0-115.0	47.4	4.7	3213.2	0.14	96.72
115.0-116.0	46.6	4.6	3217.8	0.14	96.86
116.0-117.0	45.6	4.5	3222.3	0.13	96.99
117.0-118.0	44.4	4.3	3226.6	0.13	97.12
118.0-119.0	43.0	4.1	3230.8	0.12	97.25
119.0-120.0	41.8	4.0	3234.7	0.12	97.37
120.0-121.0	40.6	3.8	3238.6	0.12	97.48
121.0-122.0	39.4	3.7	3242.3	0.11	97.59
122.0-123.0	38.2	3.5	3245.8	0.11	97.70
123.0-124.0	37.1	3.4	3249.2	0.10	97.80
124.0-125.0	36.0	3.3	3252.4	0.10	97.90
125.0-126.0	35.1	3.1	3255.6	0.09	97.99
126.0-127.0	34.3	3.0	3258.6	0.09	98.08
127.0-128.0	33.6	2.9	3261.5	0.09	98.17
128.0-129.0	32.9	2.8	3264.3	0.08	98.26
129.0-130.0	32.2	2.7	3267.1	0.08	98.34
130.0-131.0	31.5	2.6	3269.7	0.08	98.42
131.0-132.0	30.9	2.5	3272.2	0.08	98.49
132.0-133.0	30.3	2.5	3274.7	0.07	98.57
133.0-134.0	29.7	2.4	3277.0	0.07	98.64
134.0-135.0	29.2	2.3	3279.3	0.07	98.71
135.0-136.0	28.6	2.2	3281.5	0.07	98.77
136.0-137.0	28.2	2.1	3283.6	0.06	98.84
137.0-138.0	27.7	2.1	3285.7	0.06	98.90
138.0-139.0	27.3	2.0	3287.7	0.06	98.96
139.0-140.0	27.0	1.9	3289.6	0.06	99.02
140.0-141.0	26.6	1.9	3291.5	0.06	99.07
141.0-142.0	26.2	1.8	3293.3	0.05	99.13
142.0-143.0	25.9	1.7	3295.0	0.05	99.18
143.0-144.0	25.5	1.7	3296.6	0.05	99.23

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 [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	25.2	1.6	3298.2	0.05	99.28
145.0-146.0	24.9	1.5	3299.8	0.05	99.32
146.0-147.0	24.6	1.5	3301.3	0.04	99.37
147.0-148.0	24.3	1.4	3302.7	0.04	99.41
148.0-149.0	23.9	1.4	3304.1	0.04	99.45
149.0-150.0	23.5	1.3	3305.4	0.04	99.49
150.0-151.0	23.1	1.2	3306.6	0.04	99.53
151.0-152.0	22.7	1.2	3307.8	0.04	99.57
152.0-153.0	22.3	1.1	3309.0	0.03	99.60
153.0-154.0	21.9	1.1	3310.0	0.03	99.63
154.0-155.0	21.6	1.0	3311.0	0.03	99.66
155.0-156.0	21.2	1.0	3312.0	0.03	99.69
156.0-157.0	20.9	0.9	3312.9	0.03	99.72
157.0-158.0	20.6	0.9	3313.8	0.03	99.74
158.0-159.0	20.4	0.8	3314.6	0.02	99.77
159.0-160.0	20.1	0.8	3315.4	0.02	99.79
160.0-161.0	19.8	0.7	3316.1	0.02	99.81
161.0-162.0	19.6	0.7	3316.8	0.02	99.83
162.0-163.0	19.3	0.6	3317.4	0.02	99.85
163.0-164.0	19.1	0.6	3318.0	0.02	99.87
164.0-165.0	18.8	0.6	3318.6	0.02	99.89
165.0-166.0	18.6	0.5	3319.1	0.02	99.90
166.0-167.0	18.3	0.5	3319.6	0.01	99.92
167.0-168.0	18.0	0.4	3320.0	0.01	99.93
168.0-169.0	17.7	0.4	3320.4	0.01	99.94
169.0-170.0	17.5	0.3	3320.7	0.01	99.95
170.0-171.0	17.2	0.3	3321.0	0.01	99.96
171.0-172.0	16.9	0.3	3321.3	0.01	99.97
172.0-173.0	16.6	0.2	3321.5	0.01	99.98
173.0-174.0	16.3	0.2	3321.7	0.01	99.98
174.0-175.0	16.0	0.2	3321.9	0.01	99.99
175.0-176.0	15.7	0.1	3322.0	0.00	99.99
176.0-177.0	15.4	0.1	3322.1	0.00	100.00
177.0-178.0	15.2	0.1	3322.2	0.00	100.00
178.0-179.0	15.1	0.0	3322.3	0.00	100.00
179.0-180.0	15.1	0.0	3322.3	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	903.3	892.9	885.4	879.5	876.9	875.8	903.3	892.9	885.4	879.5
G1.0	903.4	893.2	885.7	879.8	877.1	875.9	903.0	892.5	885.0	879.2
G2.0	902.9	893.0	885.7	879.9	877.1	875.8	902.4	891.9	884.4	878.5
G3.0	902.3	892.5	885.4	879.7	876.7	875.5	901.2	890.9	883.5	877.7
G4.0	901.4	891.6	884.8	879.4	876.2	874.8	899.9	889.8	882.4	876.7
G5.0	900.1	890.6	884.1	878.8	875.5	873.9	898.3	888.3	881.1	875.5
G6.0	898.6	889.3	883.1	878.1	874.6	872.5	896.3	886.3	879.5	874.1
G7.0	896.4	887.7	882.0	877.1	873.5	871.1	894.2	884.2	877.7	872.3
G8.0	894.2	885.8	880.6	875.9	872.0	869.3	891.3	881.8	875.6	870.5
G9.0	891.6	883.6	878.9	874.5	870.5	866.9	888.5	879.1	873.3	868.5
G10.0	888.8	881.0	876.8	872.8	868.7	864.5	885.3	876.2	870.9	866.3
G11.0	885.6	878.4	874.6	871.0	866.6	861.9	881.8	872.9	868.2	863.8
G12.0	882.1	875.0	872.2	868.8	864.3	858.9	877.9	869.6	865.2	861.0
G13.0	878.2	871.7	869.6	866.5	861.4	855.7	873.8	865.3	861.8	858.1
G14.0	873.8	868.0	866.7	863.9	858.6	852.2	869.3	861.2	858.4	854.9
G15.0	869.5	864.1	863.5	860.8	855.6	848.4	864.6	856.9	854.7	851.6
G16.0	864.6	859.9	860.1	857.8	852.1	844.4	859.6	852.2	850.8	847.8
G17.0	859.6	855.5	856.1	854.5	848.5	839.8	854.3	847.2	846.7	844.0
G18.0	854.4	850.8	852.2	850.9	844.3	835.3	848.3	842.1	842.0	839.8
G19.0	848.4	845.5	848.0	846.8	840.2	830.4	842.4	836.3	837.2	835.3
G20.0	842.5	840.3	843.5	842.8	835.7	825.2	836.1	830.6	832.3	830.8
G21.0	836.2	834.5	838.7	838.4	831.1	819.8	829.7	824.8	826.8	825.9
G22.0	829.8	828.7	833.3	833.5	825.8	813.8	822.9	818.7	821.7	820.9
G23.0	823.0	822.5	828.0	828.6	820.6	807.8	816.0	812.1	815.7	815.3
G24.0	816.0	816.1	822.4	823.5	815.5	801.6	808.8	805.4	809.7	809.7
G25.0	808.7	809.5	816.6	818.0	809.3	795.1	800.6	798.4	803.3	803.9
G26.0	801.1	802.5	810.6	812.3	803.3	788.4	792.8	790.7	796.9	797.9
G27.0	792.8	794.9	804.3	806.2	797.1	781.1	784.7	783.3	790.3	791.4
G28.0	784.4	787.5	797.5	800.0	790.4	773.9	776.5	775.7	783.5	784.9
G29.0	776.2	779.6	790.8	793.6	783.8	766.0	767.9	767.8	776.5	778.3
G30.0	767.5	771.6	783.8	786.8	776.7	758.3	758.8	759.5	768.8	771.2
G31.0	758.2	763.5	775.9	779.9	769.0	750.4	749.7	751.1	761.2	764.1
G32.0	749.2	755.1	768.5	772.9	761.6	741.9	740.0	742.0	753.3	756.5
G33.0	739.8	746.0	760.7	765.7	753.8	733.4	730.5	733.1	745.2	749.2
G34.0	729.8	737.1	752.5	758.0	746.0	724.2	720.7	724.0	737.2	741.6
G35.0	720.0	727.5	744.2	750.4	737.8	715.3	710.7	714.8	728.9	733.9
G36.0	709.9	718.1	735.8	742.5	729.4	706.1	700.0	705.2	719.9	725.6

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	699.1	708.6	727.3	734.2	720.4	696.3	689.5	695.1	711.1	717.6
G38.0	688.6	698.3	718.0	726.1	711.8	686.8	678.8	685.2	702.3	709.5
G39.0	677.5	688.3	709.1	717.9	702.6	676.6	668.0	675.1	693.0	700.9
G40.0	666.6	677.6	699.7	709.2	693.6	666.7	656.3	664.2	684.0	692.6
G41.0	654.9	667.2	689.9	700.7	684.0	656.0	645.1	653.7	674.8	684.2
G42.0	643.5	656.0	680.4	691.7	674.7	645.6	633.7	643.0	665.5	675.7
G43.0	632.0	645.1	671.0	682.9	665.3	634.4	622.0	632.1	656.1	667.1
G44.0	619.7	634.0	660.9	674.1	655.3	623.6	609.6	620.7	646.0	658.1
G45.0	607.7	622.3	651.1	664.7	645.7	612.7	596.9	608.9	636.1	648.9
G46.0	595.0	610.9	640.8	655.2	635.5	601.0	584.6	597.4	626.3	640.0
G47.0	582.6	598.6	630.7	646.0	625.5	589.0	572.3	585.9	616.6	631.1
G48.0	570.0	586.8	620.6	636.7	615.5	577.4	559.6	574.1	606.7	622.1
G49.0	557.0	574.7	609.8	627.3	604.9	565.5	546.8	562.3	596.1	613.0
G50.0	543.8	562.5	599.4	617.7	594.6	553.5	533.1	549.8	586.1	603.9
G51.0	530.6	550.1	589.0	607.7	584.3	541.5	519.9	537.6	576.1	594.7
G52.0	516.5	537.0	578.5	598.1	574.0	529.3	506.6	525.4	566.1	585.1
G53.0	503.1	524.7	567.5	588.1	563.1	516.5	493.1	513.1	555.6	576.0
G54.0	488.9	511.5	557.2	578.0	552.8	503.7	478.8	500.8	545.5	566.8
G55.0	474.4	498.3	546.2	568.4	542.0	491.4	465.0	487.5	535.4	557.0
G56.0	460.5	485.6	535.8	558.3	531.0	478.4	451.1	475.1	524.6	547.7
G57.0	446.3	472.9	524.7	548.6	520.6	465.9	436.4	462.1	514.5	538.1
G58.0	432.1	459.5	514.2	538.4	510.2	453.3	422.1	449.4	504.0	528.8
G59.0	417.0	445.9	503.1	528.7	499.3	440.2	407.1	436.8	493.8	519.4
G60.0	401.7	433.0	492.6	518.5	488.3	426.8	392.6	424.1	483.6	510.1
G61.0	387.1	419.5	481.4	508.7	477.8	414.2	378.0	411.5	473.5	500.2
G62.0	371.6	406.5	470.9	498.4	466.9	400.9	363.2	398.0	463.2	490.9
G63.0	356.7	393.7	460.0	488.3	456.6	388.4	348.3	385.3	452.4	481.5
G64.0	341.7	380.2	449.0	478.7	445.7	375.1	332.5	372.4	442.4	471.8
G65.0	325.9	366.9	438.7	468.6	435.5	362.7	317.6	359.8	432.0	462.5
G66.0	310.0	354.2	427.9	458.5	424.8	349.6	302.5	347.5	422.1	453.3
G67.0	293.9	340.9	417.2	449.0	414.2	336.7	286.6	334.4	412.2	443.5
G68.0	278.7	327.9	407.1	439.2	403.7	323.9	271.5	322.2	402.4	434.4
G69.0	262.7	315.5	396.5	429.3	393.7	311.7	255.6	309.6	392.0	424.8
G70.0	247.4	303.2	386.6	420.1	383.9	299.7	240.1	297.5	382.2	415.6
G71.0	231.1	290.4	376.2	410.8	373.5	287.0	224.9	285.6	372.1	406.4
G72.0	215.1	277.8	366.5	401.1	363.4	275.3	208.7	273.1	362.4	396.8
G73.0	199.7	266.0	356.3	391.5	353.8	263.1	193.4	261.4	352.7	387.7

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	183.5	253.8	346.4	382.5	343.9	251.7	178.3	249.9	343.2	378.7
G75.0	168.4	242.5	337.0	373.0	334.6	240.0	163.2	238.8	333.9	369.8
G76.0	152.9	231.4	327.2	364.1	325.0	229.0	147.7	227.8	324.6	361.0
G77.0	138.2	220.1	318.1	354.9	315.9	217.9	133.1	216.7	315.0	352.0
G78.0	122.8	209.0	308.8	345.7	306.5	206.9	118.1	206.3	305.9	343.4
G79.0	108.2	198.3	299.4	337.1	297.3	196.9	104.1	195.4	296.8	334.8
G80.0	93.6	188.4	290.6	328.2	288.1	186.6	90.6	185.6	288.1	326.0
G81.0	80.3	178.4	281.6	319.4	279.5	177.2	77.0	176.0	279.6	317.8
G82.0	67.1	169.1	273.2	311.9	271.1	167.5	64.0	166.4	270.8	310.0
G83.0	55.0	159.7	265.5	304.3	262.6	158.6	52.2	157.4	262.9	302.8
G84.0	43.7	151.1	258.0	296.4	254.9	150.0	41.2	148.2	255.4	295.0
G85.0	32.8	142.9	250.1	288.4	246.9	141.4	30.8	139.9	247.9	287.3
G86.0	23.5	135.0	242.4	280.0	238.9	133.1	22.0	132.0	239.9	279.3
G87.0	15.9	127.9	233.9	271.6	231.0	125.9	14.6	124.7	231.9	270.6
G88.0	9.8	120.8	225.6	262.8	222.9	119.0	8.6	117.8	223.2	262.1
G89.0	5.2	113.2	217.4	254.3	214.9	111.8	4.7	110.4	215.1	253.4
G90.0	3.0	106.3	209.5	246.1	207.4	104.6	2.5	103.3	206.9	244.8
G91.0	2.4	99.3	201.4	238.6	199.5	98.3	2.2	96.5	199.3	237.0
G92.0	2.5	93.1	194.2	231.1	192.6	92.5	2.3	90.1	191.9	229.9
G93.0	2.7	87.6	187.5	224.0	186.1	86.7	2.4	84.6	184.9	222.9
G94.0	2.9	82.3	180.6	217.4	179.3	81.7	2.6	79.6	178.3	216.1
G95.0	3.1	77.6	174.2	210.8	172.7	76.9	2.7	74.7	171.8	208.9
G96.0	3.1	72.8	168.0	203.8	166.6	72.2	2.9	70.0	165.3	202.3
G97.0	3.3	68.3	161.9	197.3	160.6	67.8	3.1	65.2	158.9	195.5
G98.0	3.7	64.1	155.6	190.9	154.5	63.6	3.3	60.7	152.9	189.1
G99.0	3.8	60.3	149.9	184.7	148.5	59.7	3.5	55.0	147.1	182.9
G100.0	3.8	55.5	144.1	178.3	142.9	55.1	3.6	49.2	141.2	176.4
G101.0	4.1	49.8	138.2	172.1	137.1	49.4	3.7	44.2	135.3	170.1
G102.0	4.2	44.9	132.8	166.1	131.5	44.5	3.8	40.4	129.8	163.8
G103.0	4.2	40.9	127.4	159.9	126.3	40.5	4.0	38.6	123.7	157.4
G104.0	4.5	38.6	121.9	153.9	121.1	38.4	4.2	36.9	115.2	151.6
G105.0	4.5	33.4	116.6	148.0	115.9	36.8	4.3	34.4	98.3	145.6
G106.0	4.6	30.3	107.5	142.6	106.5	34.5	4.6	31.9	81.6	139.3
G107.0	4.8	29.8	87.2	137.2	86.3	32.1	4.7	30.0	76.9	126.6
G108.0	5.0	29.4	78.3	131.9	76.6	30.2	4.8	28.4	73.1	105.3
G109.0	5.1	28.2	73.8	116.8	72.5	28.6	5.0	27.5	70.0	98.3
G110.0	5.4	27.1	70.4	99.2	68.7	27.6	5.2	26.7	70.4	94.6

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	5.7	26.7	69.0	93.5	67.3	26.9	5.4	26.1	74.4	91.5
G112.0	5.8	26.1	72.4	89.9	71.1	26.6	5.6	25.8	74.2	88.7
G113.0	5.9	25.7	73.4	87.1	72.6	26.1	5.7	25.5	72.5	86.9
G114.0	6.2	25.4	71.8	84.3	71.3	25.8	5.9	25.2	70.2	91.5
G115.0	6.4	25.1	69.0	86.4	69.1	25.5	6.0	24.8	67.5	91.2
G116.0	6.4	25.0	67.0	88.6	66.8	25.2	6.2	24.5	65.2	89.2
G117.0	6.8	24.7	64.5	87.6	64.4	24.9	6.4	24.5	63.0	86.6
G118.0	6.8	24.3	62.2	85.1	62.0	24.7	6.6	24.3	60.8	83.4
G119.0	7.0	24.3	58.8	82.1	59.9	24.6	6.8	24.1	58.8	80.3
G120.0	7.3	24.2	57.1	79.1	57.8	24.4	6.9	24.0	56.5	77.1
G121.0	7.4	24.1	54.7	76.2	55.8	24.2	7.1	23.9	54.5	74.2
G122.0	7.4	24.1	51.9	73.4	53.7	23.8	7.2	24.0	52.8	71.5
G123.0	7.7	23.9	48.8	70.4	51.9	23.7	7.3	23.9	51.0	68.8
G124.0	7.8	23.6	46.5	67.8	50.2	23.4	7.5	23.9	49.4	66.3
G125.0	7.8	23.4	44.9	65.1	48.4	23.4	7.6	23.7	47.8	63.9
G126.0	8.1	23.3	44.1	62.8	47.0	23.5	7.7	23.7	46.2	61.3
G127.0	8.1	23.4	43.6	60.6	45.3	23.4	7.9	23.8	44.8	59.2
G128.0	8.4	23.4	42.9	58.2	44.0	23.5	8.1	23.7	43.7	57.1
G129.0	8.6	23.5	42.0	56.1	42.8	23.3	8.2	23.5	42.4	54.9
G130.0	8.5	23.6	40.9	53.9	41.5	23.3	8.4	23.5	41.3	53.1
G131.0	8.8	23.4	39.8	52.0	40.5	23.2	8.5	23.4	40.3	51.4
G132.0	9.0	23.2	39.2	50.2	39.6	23.1	8.6	23.3	39.6	49.8
G133.0	9.0	22.8	38.5	48.8	38.7	22.9	8.7	23.1	38.8	48.2
G134.0	9.2	22.0	37.7	47.3	38.0	22.9	8.9	23.0	37.9	46.8
G135.0	9.3	21.0	37.2	46.0	37.5	22.7	9.0	22.9	37.3	45.7
G136.0	9.5	20.3	36.6	45.0	36.8	22.5	9.1	22.8	36.8	44.6
G137.0	9.7	19.7	36.2	43.8	36.4	22.3	9.3	22.6	36.3	43.4
G138.0	9.7	19.3	35.8	43.0	36.0	22.0	9.4	22.5	35.6	42.5
G139.0	9.9	18.7	35.0	42.1	35.3	21.9	9.5	22.6	35.2	41.8
G140.0	9.9	18.3	34.4	41.4	34.9	21.6	9.6	22.5	34.9	41.0
G141.0	10.0	18.0	33.8	40.7	34.2	21.1	9.8	22.4	34.5	40.2
G142.0	10.3	17.5	32.9	40.0	33.7	20.9	9.9	22.3	33.8	39.5
G143.0	10.2	17.2	32.4	39.2	33.3	20.7	9.9	22.3	33.4	39.0
G144.0	10.4	17.0	31.8	38.5	32.7	20.4	9.9	22.2	33.1	38.4
G145.0	10.6	16.8	31.2	37.5	32.0	20.3	10.2	22.0	32.6	37.7
G146.0	10.7	16.5	30.8	36.5	31.6	20.3	10.3	21.9	32.2	37.0
G147.0	10.6	16.7	30.1	35.7	31.0	20.1	10.5	21.8	31.6	36.3

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	10.9	17.1	29.1	34.6	30.4	20.0	10.5	21.7	31.2	35.9
G149.0	11.0	17.3	27.7	33.5	30.0	19.9	10.6	21.5	30.9	35.1
G150.0	10.8	17.4	26.4	32.7	29.6	19.6	10.6	21.4	30.3	34.5
G151.0	11.1	17.4	25.1	31.8	28.5	19.5	10.8	21.3	30.0	33.9
G152.0	11.1	17.4	24.3	31.3	27.9	19.3	10.9	21.0	29.4	33.2
G153.0	11.4	17.4	23.4	30.8	27.0	19.2	10.9	20.8	28.8	32.5
G154.0	11.6	17.4	22.3	29.9	26.4	19.1	11.1	20.8	28.3	32.0
G155.0	11.7	17.4	21.6	29.0	26.0	18.9	11.3	20.6	27.9	31.3
G156.0	12.4	17.3	20.8	28.1	25.5	18.7	11.5	20.4	27.4	30.6
G157.0	13.4	17.4	19.9	27.4	24.6	18.5	12.2	20.1	26.9	29.7
G158.0	13.6	17.2	19.3	27.0	24.2	18.3	13.1	19.9	26.2	29.0
G159.0	13.8	17.2	18.7	26.4	23.8	18.1	13.4	19.8	25.6	28.4
G160.0	14.2	17.1	18.3	25.8	23.1	17.9	13.6	19.6	25.2	27.7
G161.0	14.1	17.0	18.2	25.1	22.7	17.6	13.8	19.3	24.6	26.9
G162.0	14.3	17.0	18.3	24.4	22.2	17.4	14.0	19.1	24.2	26.3
G163.0	14.4	16.9	18.4	23.6	21.5	17.3	14.2	19.0	23.6	25.6
G164.0	14.7	16.8	18.3	22.9	20.9	16.9	14.3	18.7	23.1	25.0
G165.0	14.7	16.6	17.9	22.1	20.4	16.8	14.4	18.4	22.5	24.1
G166.0	14.8	16.5	17.6	21.3	19.8	16.6	14.6	18.3	21.9	23.5
G167.0	15.0	16.4	17.2	20.5	19.1	16.5	14.8	18.1	21.5	22.9
G168.0	15.0	16.2	17.0	19.5	18.9	16.4	14.9	17.9	20.9	22.2
G169.0	15.2	16.2	17.0	18.7	18.4	16.1	15.0	17.7	20.3	21.6
G170.0	15.3	16.1	16.7	17.6	17.8	16.0	15.2	17.5	19.9	20.9
G171.0	15.5	15.9	16.5	16.7	17.4	15.8	15.3	17.4	19.4	20.3
G172.0	15.5	15.8	16.3	15.9	16.9	15.6	15.3	17.1	18.8	19.5
G173.0	15.4	15.7	16.1	15.6	16.4	15.5	15.5	17.0	18.4	18.1
G174.0	15.7	15.6	15.9	15.1	15.9	15.3	15.6	16.8	18.0	16.8
G175.0	15.7	15.6	15.5	14.4	15.2	15.0	15.7	16.7	17.5	16.3
G176.0	15.8	15.6	15.5	13.1	14.8	15.0	15.8	16.6	17.2	15.8
G177.0	15.6	15.5	15.3	11.7	14.6	15.0	15.7	16.4	16.8	15.2
G178.0	15.8	15.6	15.4	11.9	14.6	15.0	15.9	16.2	16.4	14.0
G179.0	15.8	15.7	15.5	12.1	14.9	15.0	15.9	16.1	16.0	13.3
G180.0	15.6	15.9	15.9	12.2	15.4	14.9	15.9	15.9	15.9	12.2

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 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	876.9	875.8	903.3							
G1.0	876.5	875.3	903.4							
G2.0	875.6	874.7	902.9							
G3.0	874.7	873.6	902.3							
G4.0	873.6	872.4	901.4							
G5.0	872.3	870.6	900.1							
G6.0	870.9	868.8	898.6							
G7.0	869.1	866.7	896.4							
G8.0	866.9	864.4	894.2							
G9.0	864.6	861.7	891.6							
G10.0	862.1	858.8	888.8							
G11.0	859.4	855.6	885.6							
G12.0	856.5	852.1	882.1							
G13.0	853.3	847.9	878.2							
G14.0	850.0	843.8	873.8							
G15.0	846.3	839.6	869.5							
G16.0	842.5	835.0	864.6							
G17.0	838.1	830.2	859.6							
G18.0	834.0	825.1	854.4							
G19.0	829.0	819.8	848.4							
G20.0	824.2	813.8	842.5							
G21.0	818.9	808.0	836.2							
G22.0	813.5	802.0	829.8							
G23.0	808.0	795.4	823.0							
G24.0	802.1	788.8	816.0							
G25.0	795.6	782.0	808.7							
G26.0	789.2	774.8	801.1							
G27.0	782.7	767.5	792.8							
G28.0	775.7	759.4	784.4							
G29.0	768.7	751.7	776.2							
G30.0	761.5	743.8	767.5							
G31.0	753.6	735.2	758.2							
G32.0	746.0	726.8	749.2							
G33.0	738.2	717.6	739.8							
G34.0	729.8	708.6	729.8							
G35.0	721.5	699.5	720.0							
G36.0	713.0	690.2	709.9							

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 6)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	704.4	680.5	699.1							
G38.0	695.2	670.4	688.6							
G39.0	686.3	660.5	677.5							
G40.0	677.4	650.4	666.6							
G41.0	668.3	640.1	654.9							
G42.0	659.1	629.0	643.5							
G43.0	649.8	618.3	632.0							
G44.0	639.9	607.1	619.7							
G45.0	630.0	595.4	607.7							
G46.0	620.3	584.2	595.0							
G47.0	610.7	572.9	582.6							
G48.0	600.9	561.4	570.0							
G49.0	590.7	549.7	557.0							
G50.0	580.7	537.4	543.8							
G51.0	570.7	525.5	530.6							
G52.0	560.3	513.5	516.5							
G53.0	550.3	501.5	503.1							
G54.0	540.3	488.6	488.9							
G55.0	530.3	476.4	474.4							
G56.0	519.8	463.7	460.5							
G57.0	509.8	451.4	446.3							
G58.0	499.2	439.0	432.1							
G59.0	489.1	425.9	417.0							
G60.0	479.0	413.4	401.7							
G61.0	468.5	401.0	387.1							
G62.0	458.4	388.6	371.6							
G63.0	448.4	375.7	356.7							
G64.0	438.0	363.4	341.7							
G65.0	428.1	351.2	325.9							
G66.0	418.3	338.4	310.0							
G67.0	407.9	326.3	293.9							
G68.0	398.2	314.2	278.7							
G69.0	388.1	302.1	262.7							
G70.0	378.4	290.1	247.4							
G71.0	368.3	277.9	231.1							
G72.0	358.7	266.3	215.1							
G73.0	349.2	254.9	199.7							

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 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	339.8	243.7	183.5							
G75.0	330.5	232.8	168.4							
G76.0	321.0	221.8	152.9							
G77.0	312.0	211.3	138.2							
G78.0	302.6	201.1	122.8							
G79.0	293.8	190.5	108.2							
G80.0	285.2	181.0	93.6							
G81.0	276.5	171.3	80.3							
G82.0	268.2	162.2	67.1							
G83.0	259.9	153.0	55.0							
G84.0	252.9	144.6	43.7							
G85.0	245.3	136.5	32.8							
G86.0	238.0	129.0	23.5							
G87.0	230.0	122.1	15.9							
G88.0	221.6	115.5	9.8							
G89.0	212.9	107.7	5.2							
G90.0	204.7	100.4	3.0							
G91.0	197.1	94.1	2.4							
G92.0	190.2	88.4	2.5							
G93.0	183.1	82.8	2.7							
G94.0	176.6	77.8	2.9							
G95.0	170.1	73.1	3.1							
G96.0	163.9	68.6	3.1							
G97.0	157.5	63.9	3.3							
G98.0	151.6	59.4	3.7							
G99.0	145.9	53.6	3.8							
G100.0	140.1	47.4	3.8							
G101.0	134.2	42.4	4.1							
G102.0	128.8	38.9	4.2							
G103.0	122.7	37.2	4.2							
G104.0	114.3	34.8	4.5							
G105.0	98.3	32.4	4.5							
G106.0	82.5	30.1	4.6							
G107.0	78.0	28.4	4.8							
G108.0	73.8	27.5	5.0							
G109.0	71.5	27.1	5.1							
G110.0	71.8	26.8	5.4							

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 8)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G111.0	74.9	26.4	5.7							
G112.0	74.5	26.0	5.8							
G113.0	72.2	25.8	5.9							
G114.0	70.0	25.5	6.2							
G115.0	67.5	25.1	6.4							
G116.0	65.1	24.8	6.4							
G117.0	62.5	24.3	6.8							
G118.0	60.3	24.1	6.8							
G119.0	58.1	23.8	7.0							
G120.0	56.0	23.7	7.3							
G121.0	54.0	23.6	7.4							
G122.0	51.9	23.6	7.4							
G123.0	50.1	23.6	7.7							
G124.0	48.5	23.4	7.8							
G125.0	47.0	23.3	7.8							
G126.0	45.5	23.3	8.1							
G127.0	44.0	23.3	8.1							
G128.0	42.9	23.1	8.4							
G129.0	41.8	23.1	8.6							
G130.0	40.6	23.1	8.5							
G131.0	39.7	22.9	8.8							
G132.0	38.9	22.8	9.0							
G133.0	38.3	22.3	9.0							
G134.0	37.6	21.8	9.2							
G135.0	36.8	21.2	9.3							
G136.0	36.3	20.4	9.5							
G137.0	35.9	19.6	9.7							
G138.0	35.4	19.3	9.7							
G139.0	34.8	19.0	9.9							
G140.0	34.5	18.7	9.9							
G141.0	34.1	18.2	10.0							
G142.0	33.5	18.0	10.3							
G143.0	33.0	17.7	10.2							
G144.0	32.6	17.5	10.4							
G145.0	32.3	17.2	10.6							
G146.0	31.8	17.2	10.7							
G147.0	31.3	17.1	10.6							

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	30.5	17.5	10.9							
G149.0	29.7	17.7	11.0							
G150.0	28.8	18.2	10.8							
G151.0	27.1	18.2	11.1							
G152.0	25.9	17.9	11.1							
G153.0	24.9	17.9	11.4							
G154.0	23.9	18.0	11.6							
G155.0	23.0	18.0	11.7							
G156.0	22.1	17.9	12.4							
G157.0	21.4	17.9	13.4							
G158.0	20.7	17.8	13.6							
G159.0	19.8	18.0	13.8							
G160.0	19.1	17.8	14.2							
G161.0	18.9	17.6	14.1							
G162.0	18.8	17.6	14.3							
G163.0	18.5	17.7	14.4							
G164.0	19.0	17.4	14.7							
G165.0	19.0	17.6	14.7							
G166.0	18.7	17.5	14.8							
G167.0	18.6	17.2	15.0							
G168.0	18.3	17.2	15.0							
G169.0	18.1	16.9	15.2							
G170.0	17.9	16.7	15.3							
G171.0	17.6	16.7	15.5							
G172.0	17.4	16.5	15.5							
G173.0	17.4	16.1	15.4							
G174.0	17.1	15.9	15.7							
G175.0	16.7	15.9	15.7							
G176.0	16.5	15.6	15.8							
G177.0	16.2	15.3	15.6							
G178.0	16.1	15.1	15.8							
G179.0	15.8	14.9	15.8							
G180.0	15.6	14.9	15.6							

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: