

Report No.: 1

Test Time: 2015/12/1 14:45

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: LT-I51520N108A6

Current: 0.094 A

Power Factor: 0.970

Voltage: 220 V

Power: 19.93 W

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 2172 lm

Downward Ratio: 87%

Horizontal Diffuse Angle(50%): H110

Vertical Diffuse Angle(50%): V146.8

Luminaire Efficacy Rating (LER): 109

Max. Intensity: 545.97 cd

Total Rated Lamp Lumens: 2172.0 lm

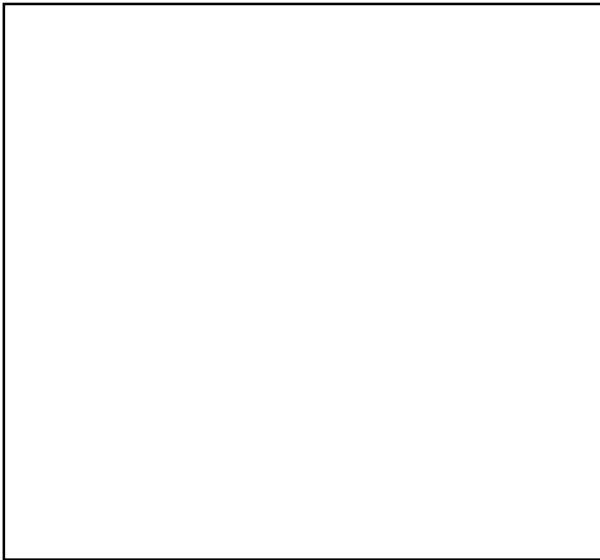
Efficiency: 100%

Upward Ratio: 13%

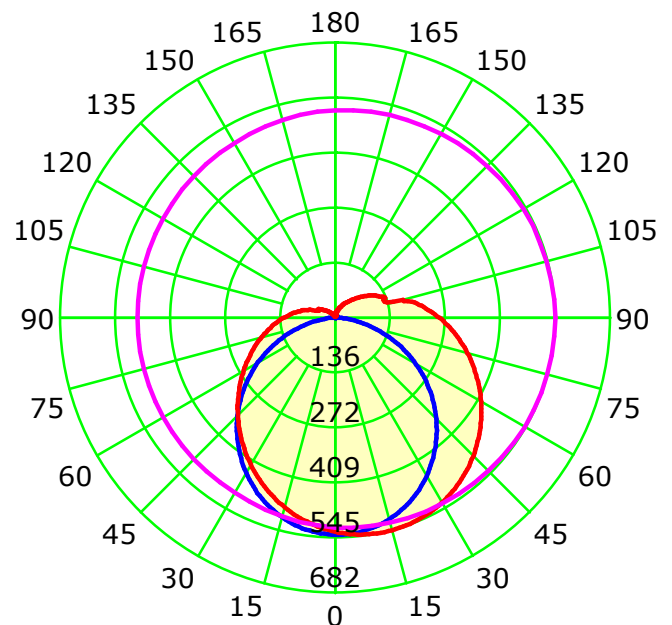
Central Intensity: 538.92 cd

Pos of Max. Intensity: H90 V14

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 128.4° Unit: cd

— C0-C180 — C90-C270 — G14

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

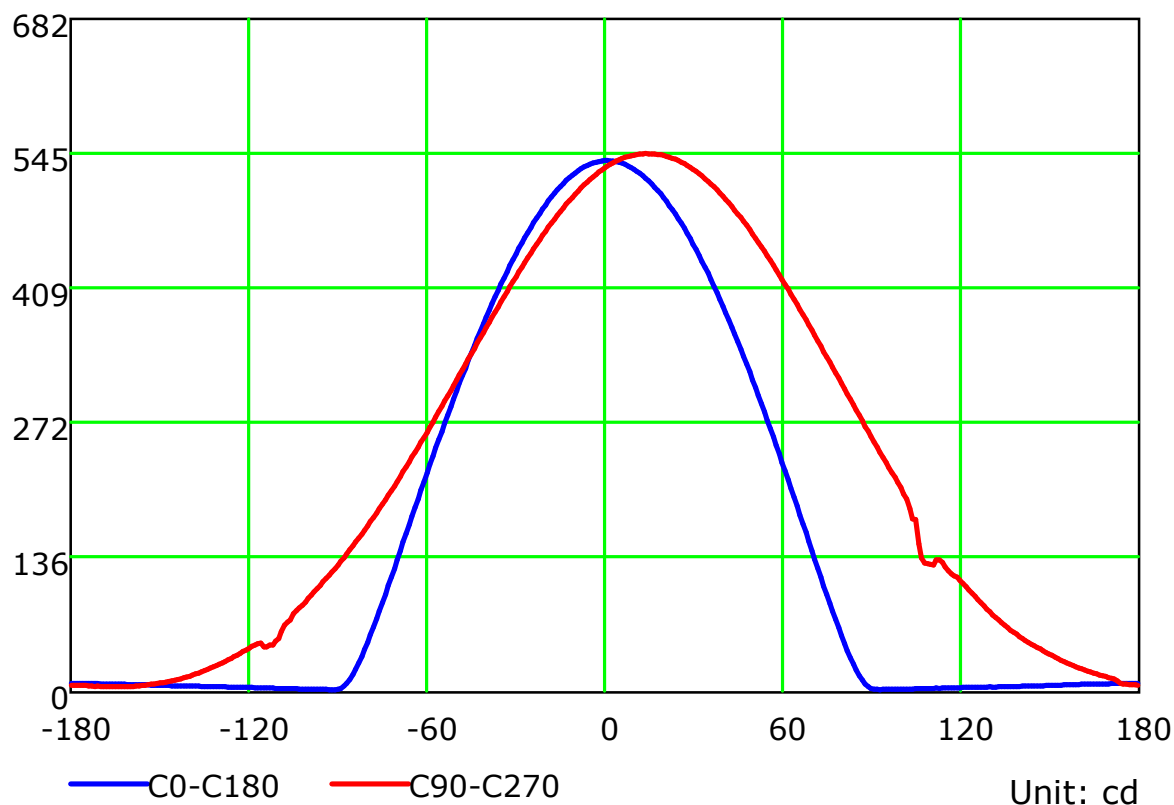
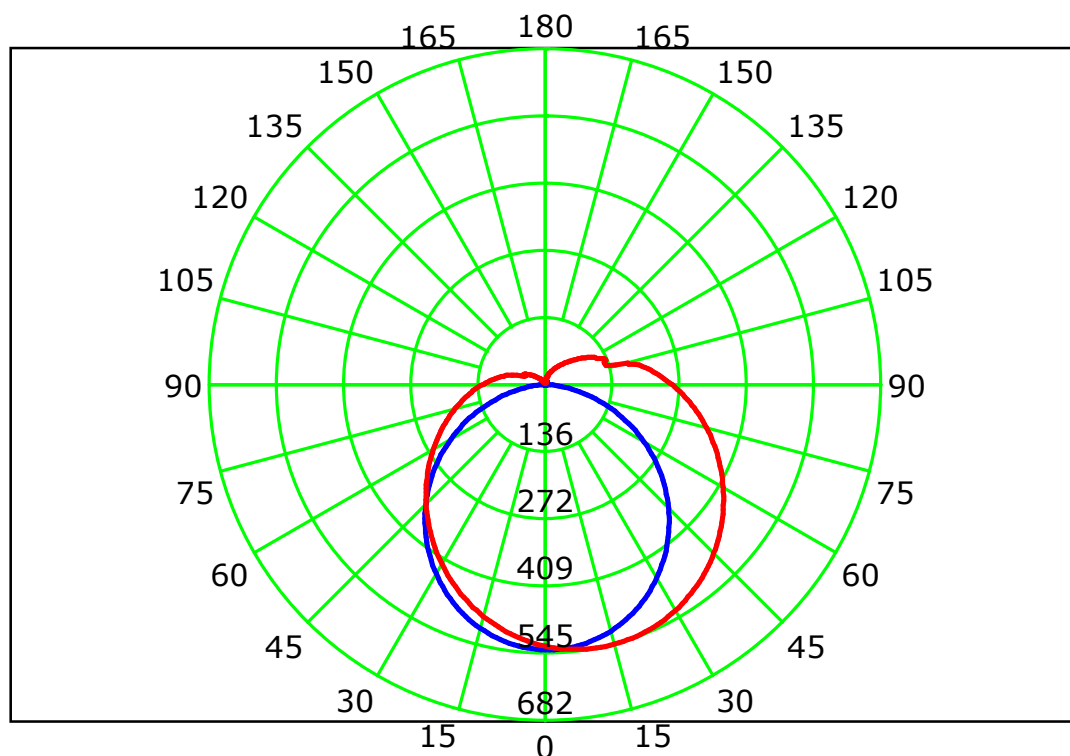
Test Device: GPM-1800B

Distance: 8.062 m

Humidity:

Inspector:

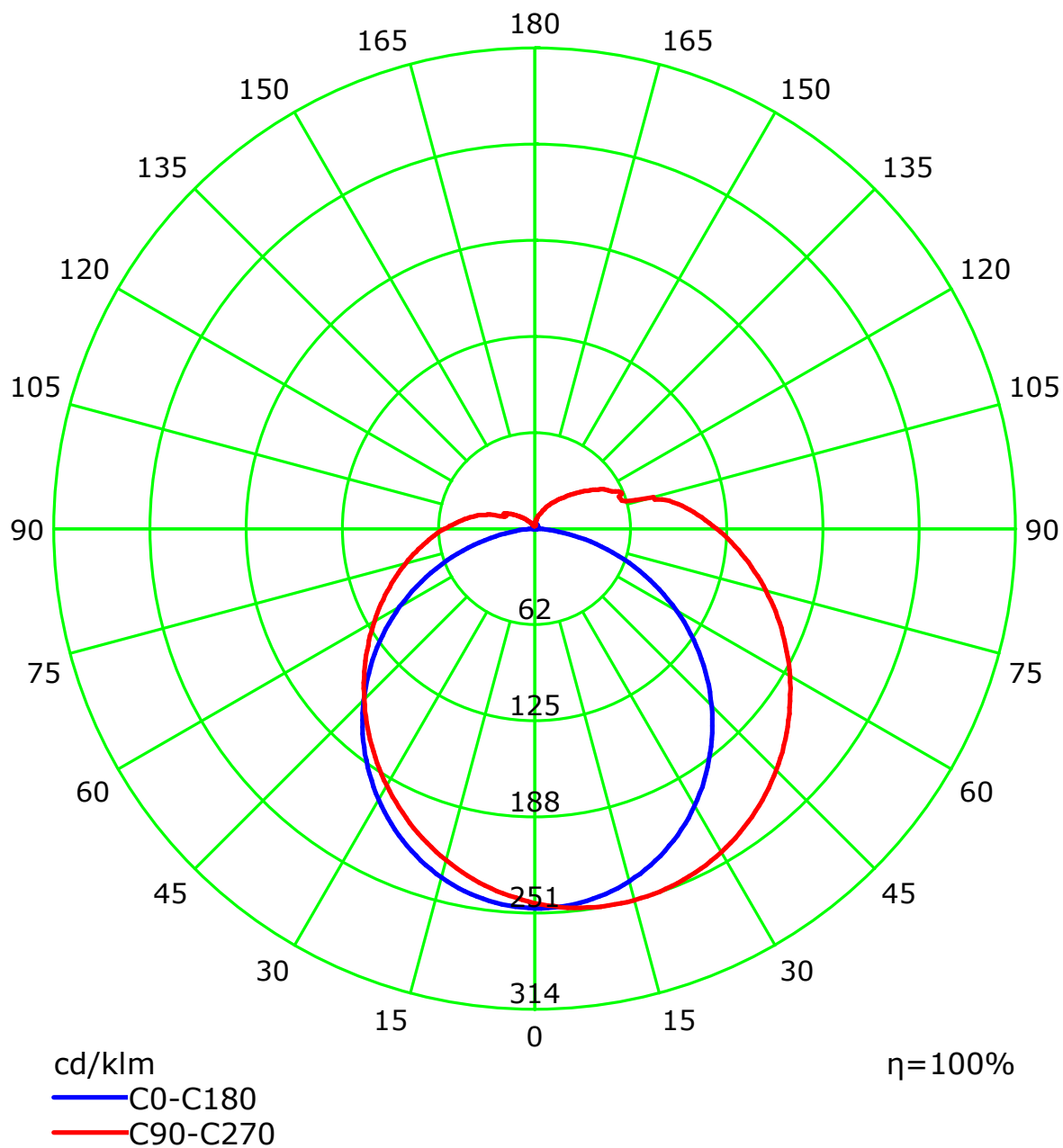
Luminous Intensity Distribution Curve



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:

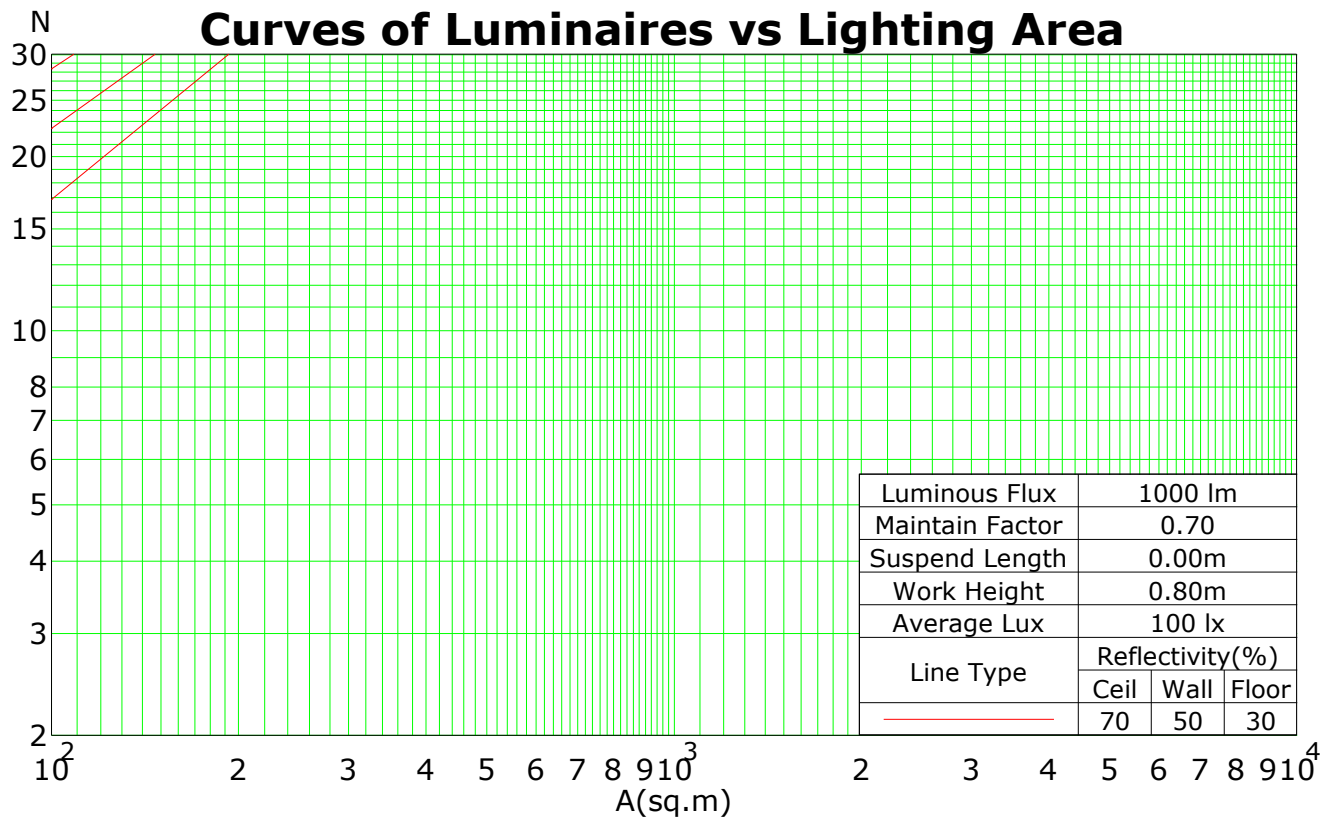
Coefficients Of Utilization - Zonal Cavity Method

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	112	112	112	112	104	104	104	96	96	96	90	90	90	87
1	103	97	92	87	99	93	89	84	87	83	79	80	77	74	75	72	70	67
2	93	83	75	69	89	80	73	67	74	69	63	69	64	60	64	60	57	54
3	84	72	63	56	80	70	61	55	65	58	52	60	54	50	56	51	47	44
4	76	64	54	47	73	61	53	46	57	50	44	53	47	42	49	44	40	37
5	70	57	47	40	67	55	46	39	51	43	38	47	41	36	44	39	34	32
6	65	51	41	35	62	49	40	34	46	38	33	43	36	31	40	34	30	27
7	60	46	37	30	57	44	36	30	42	34	29	39	32	27	36	31	26	24
8	56	42	33	27	53	40	32	26	38	31	25	36	29	24	33	28	24	21
9	52	38	30	24	50	37	29	24	35	28	23	33	26	22	31	25	21	19
10	49	35	27	22	47	34	26	21	32	25	21	30	24	20	29	23	19	17

Spacing Criteria (0-180): 1.24

Spacing Criteria (90-270): 1.33

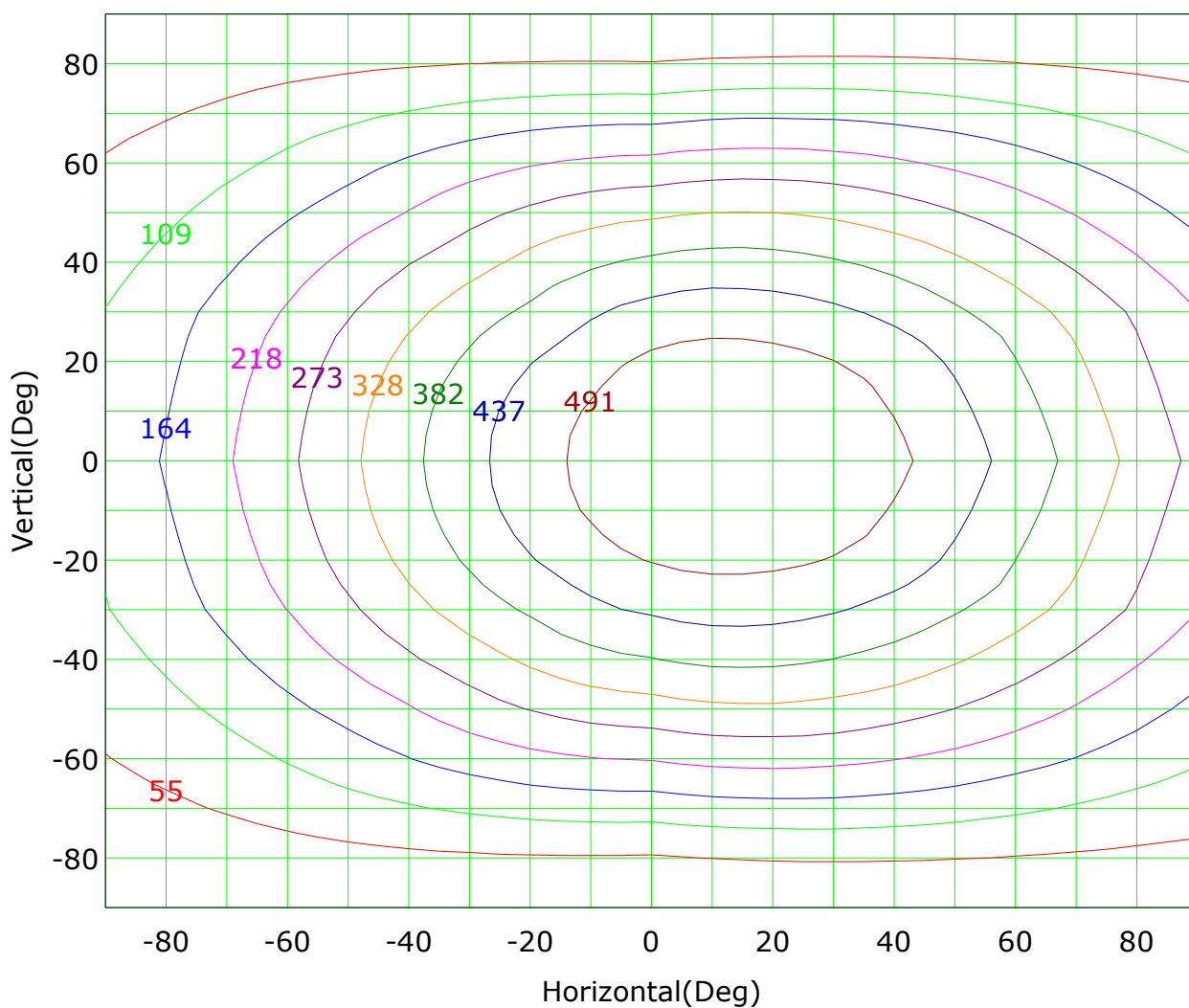
Spacing Criteria (Diagonal): 1.42



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)



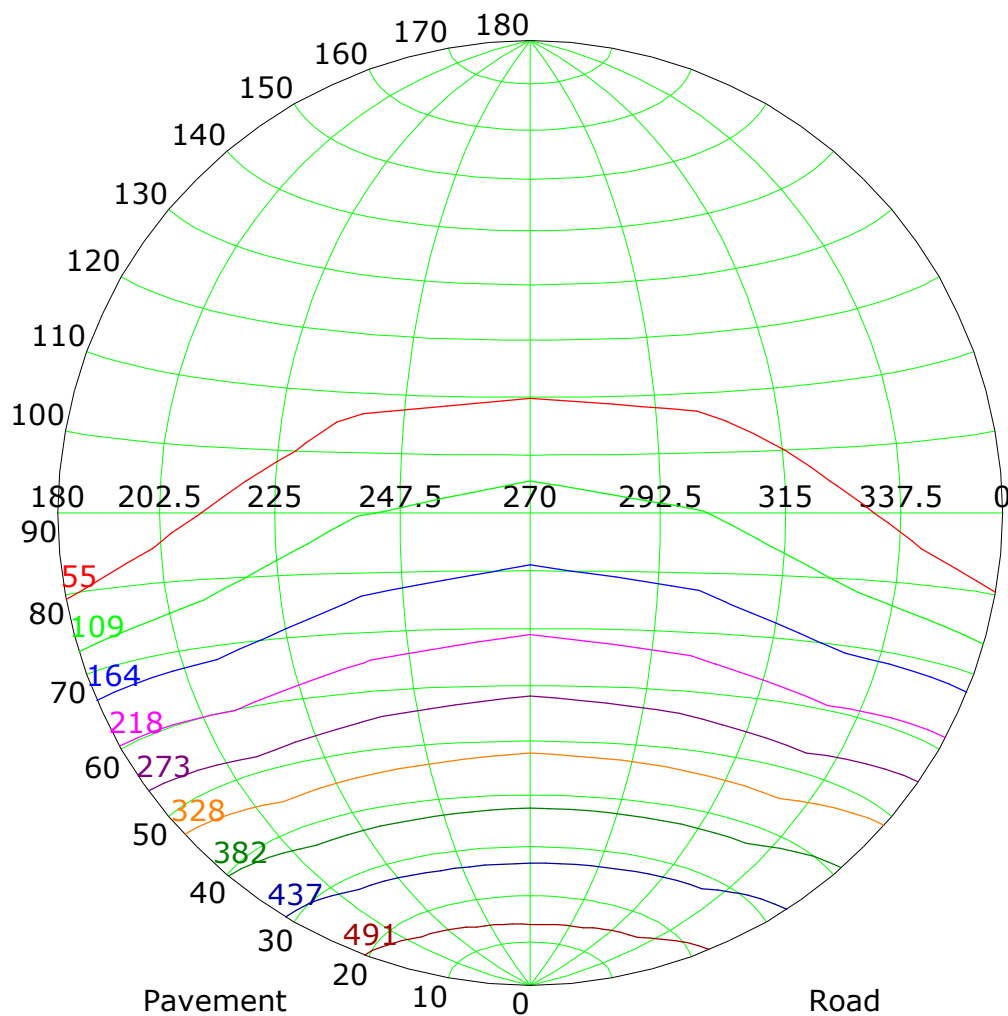
Imax (100%): 546 cd

(10%): 55 cd	(20%): 109 cd
(30%): 164 cd	(40%): 218 cd
(50%): 273 cd	(60%): 328 cd
(70%): 382 cd	(80%): 437 cd
(90%): 491 cd	(100%): 546 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)



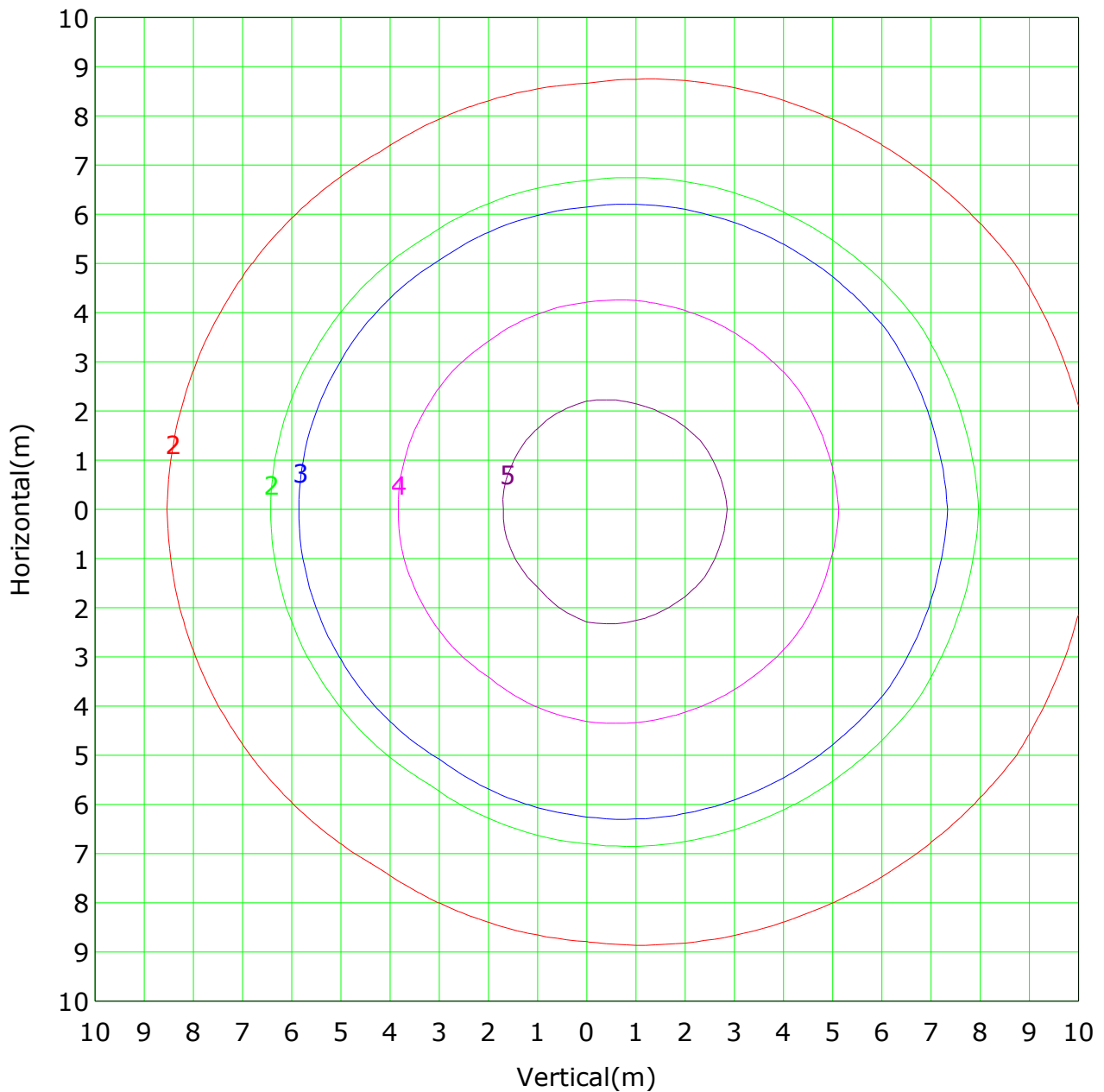
Imax (100%): 546 cd

(10%): 55 cd	(20%): 109 cd
(30%): 164 cd	(40%): 218 cd
(50%): 273 cd	(60%): 328 cd
(70%): 382 cd	(80%): 437 cd
(90%): 491 cd	(100%): 546 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%): 5.4 lx

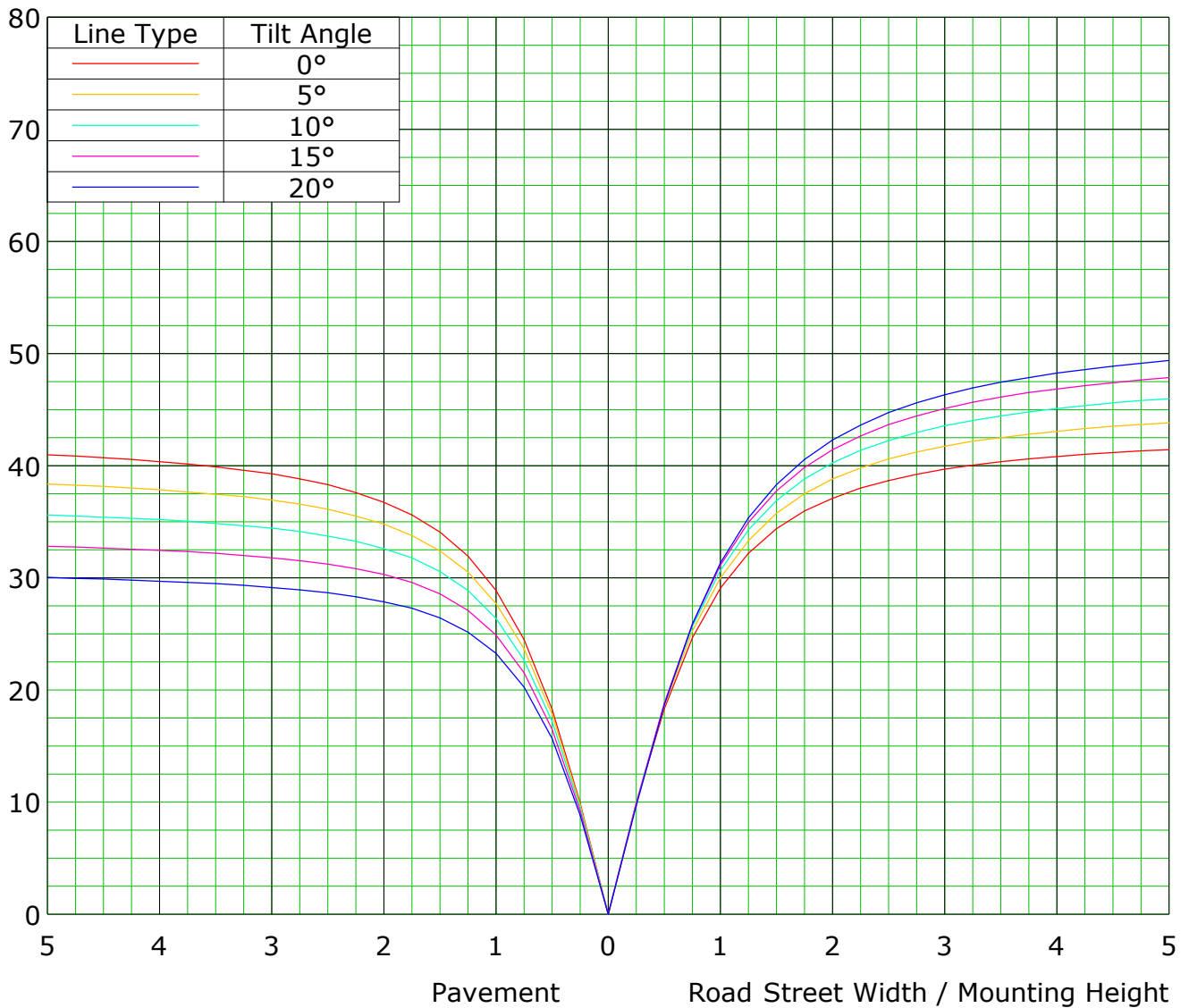
(30%): 1.6 lx	(45%): 2.4 lx
(50%): 2.7 lx	(70%): 3.8 lx
(90%): 4.9 lx	

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(%)



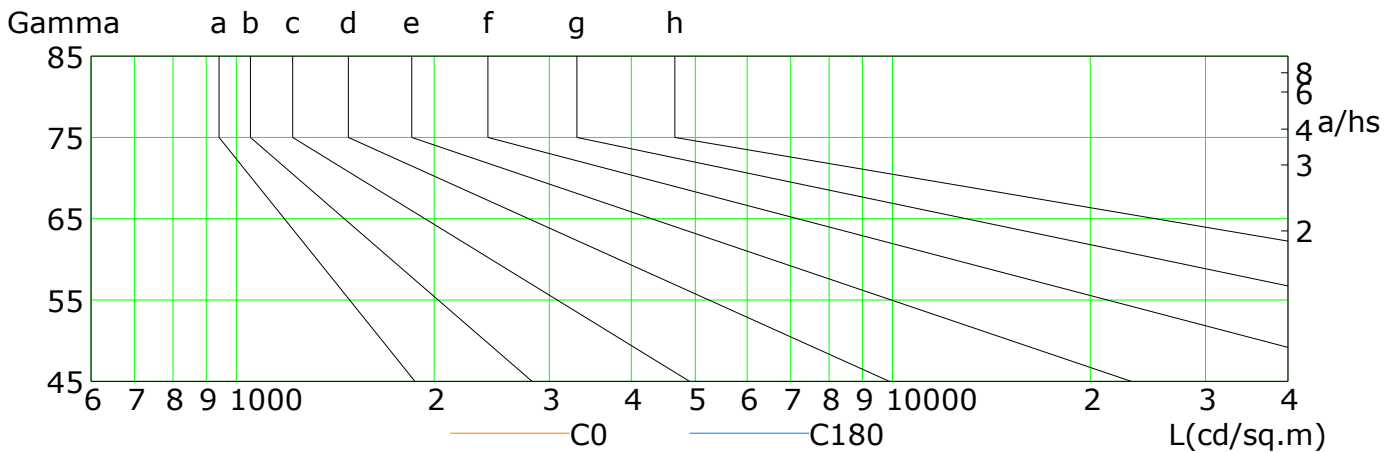
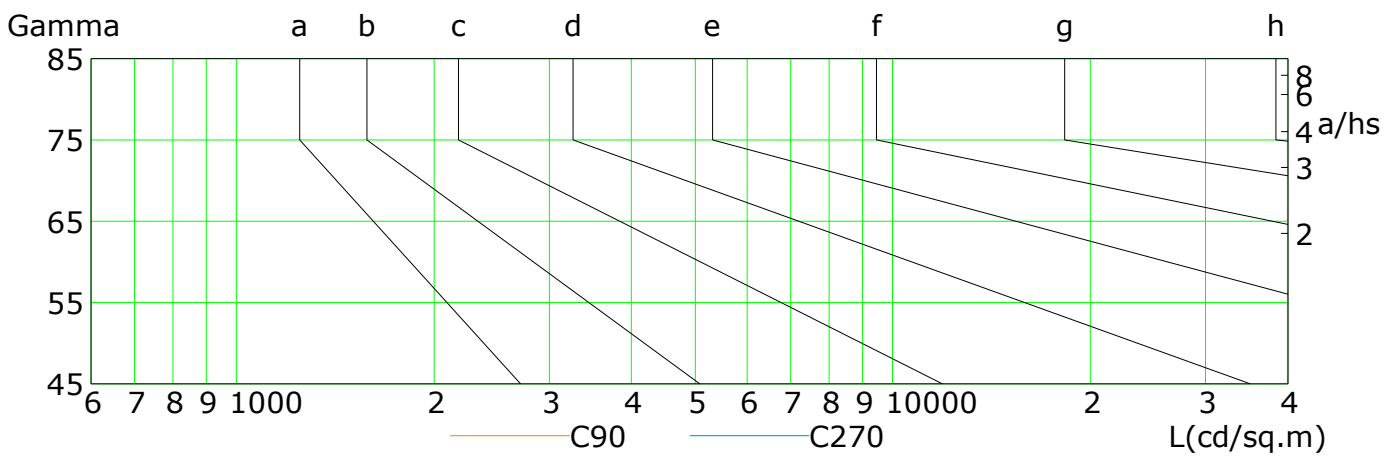
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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)							
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

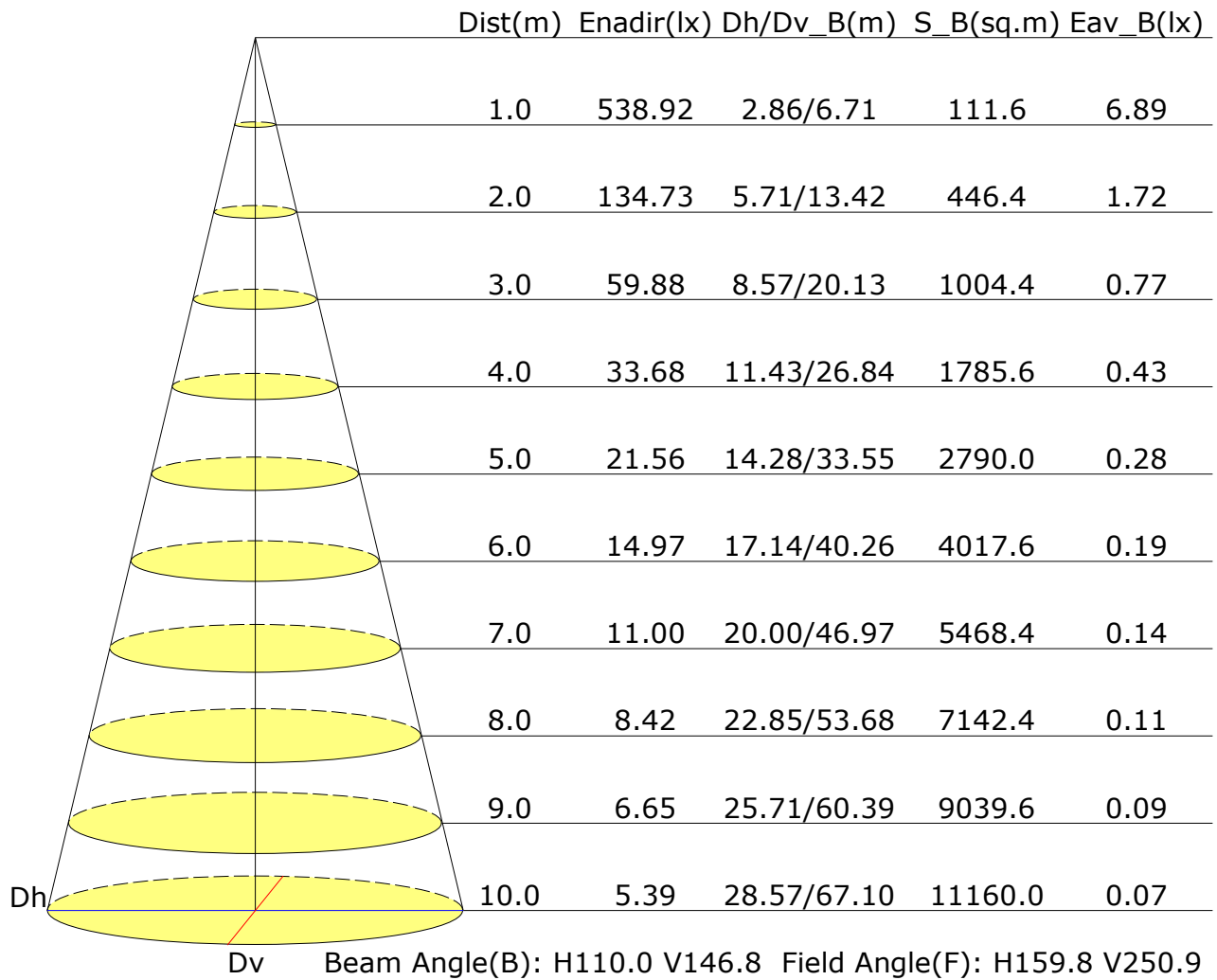


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	355	317	275	232	188	143	99	57	21
C90	485	464	442	418	393	367	340	313	285
C180	344	305	264	222	178	134	90	50	17
C270	343	316	289	263	238	213	190	168	148

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:

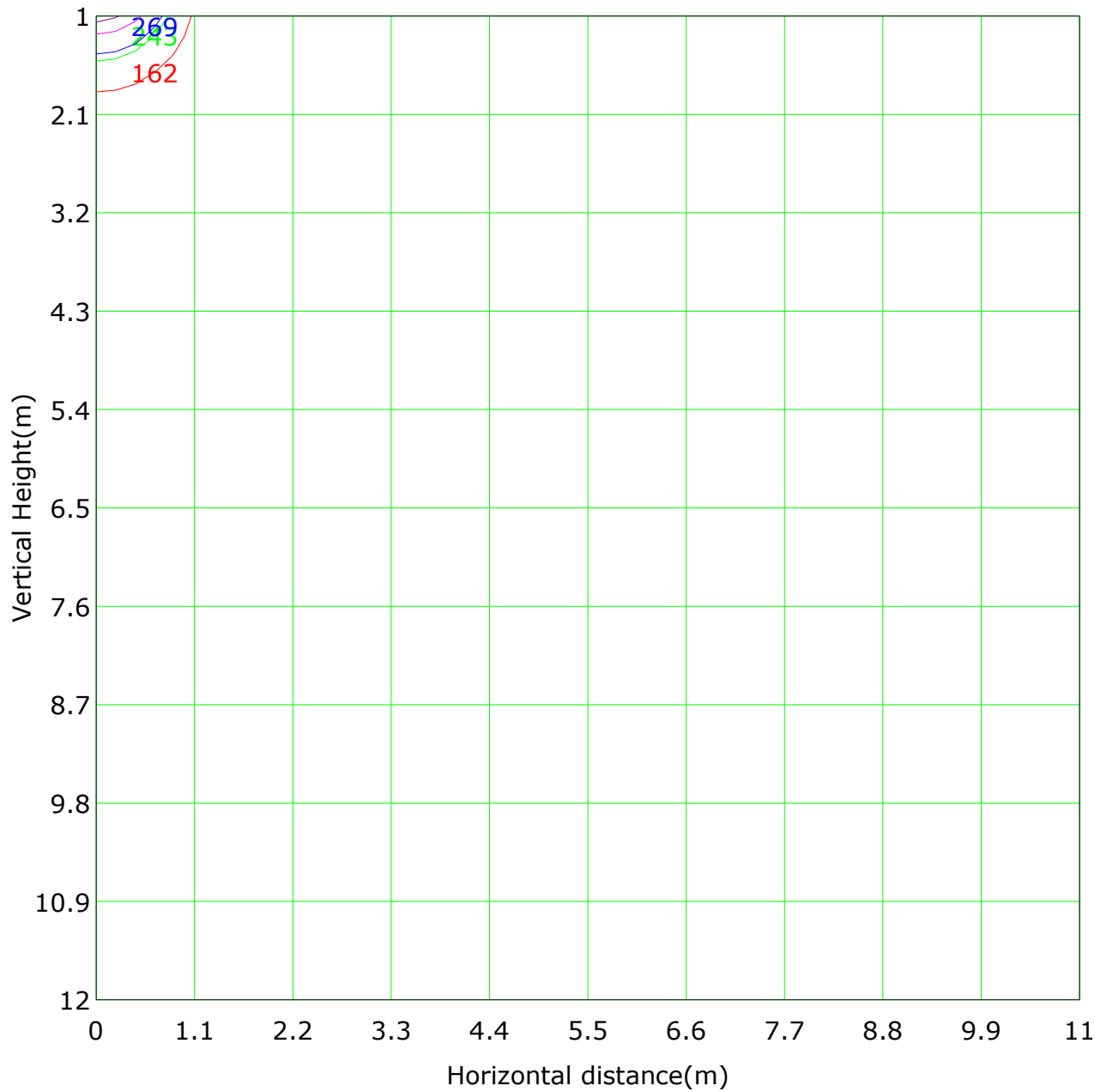
Illuminance at a Distance



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: 538.9 lx
— (30%): 161.7 lx — (45%): 242.5 lx
— (50%): 269.5 lx — (70%): 377.2 lx
— (90%): 485.0 lx

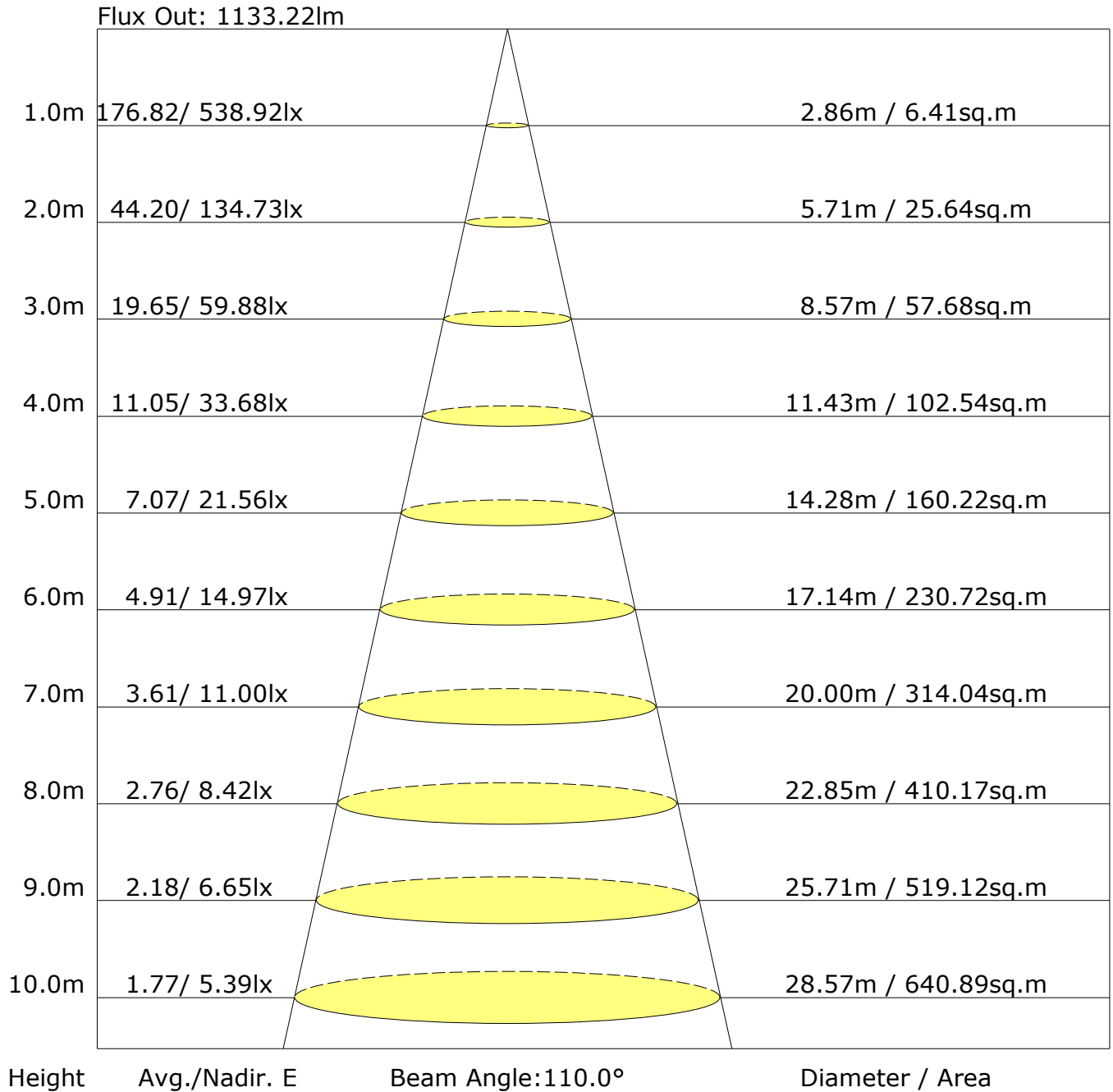
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

Unit: 1x

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

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.\$
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	0.51	0.59	0.66	0.71	0.78	0.83	0.87	0.92	0.95	
	0.30		0.43	0.51	0.58	0.64	0.71	0.77	0.81	0.87	0.91	
	0.20		0.38	0.45	0.52	0.58	0.66	0.71	0.76	0.82	0.87	
0.50	0.50	0.20	0.48	0.56	0.62	0.67	0.73	0.78	0.81	0.85	0.88	
	0.30		0.41	0.48	0.55	0.60	0.67	0.72	0.76	0.81	0.85	
	0.20		0.36	0.43	0.50	0.55	0.62	0.68	0.72	0.78	0.82	
0.30	0.50	0.20	0.46	0.52	0.58	0.62	0.68	0.72	0.75	0.79	0.82	
	0.30		0.40	0.46	0.53	0.57	0.63	0.68	0.71	0.76	0.79	
	0.20		0.35	0.41	0.48	0.53	0.59	0.64	0.68	0.73	0.77	
0.00	0.00	0.00	0.32	0.37	0.43	0.48	0.54	0.58	0.61	0.66	0.69	
Rating:20W 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: 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(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	1.01	0.87	0.75	0.67	0.55	0.47	0.41	0.33	0.27	
	0.30		0.84	0.74	0.66	0.59	0.50	0.43	0.38	0.31	0.26	
	0.20		0.72	0.65	0.58	0.53	0.45	0.39	0.35	0.29	0.25	
0.50	0.50	0.20	0.94	0.81	0.70	0.62	0.51	0.46	0.38	0.30	0.25	
	0.30		0.80	0.71	0.62	0.56	0.47	0.40	0.36	0.29	0.24	
	0.20		0.69	0.62	0.56	0.51	0.43	0.38	0.33	0.27	0.23	
0.30	0.50	0.20	0.89	0.76	0.66	0.58	0.48	0.41	0.36	0.29	0.24	
	0.30		0.76	0.67	0.59	0.53	0.44	0.38	0.34	0.27	0.23	
	0.20		0.67	0.60	0.53	0.48	0.41	0.36	0.32	0.26	0.22	
0.00	0.00	0.00	0.55	0.49	0.43	0.39	0.33	0.29	0.26	0.21	0.18	
Rating:20W 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: 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(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	0.29	0.31	0.32	0.32	0.33	0.34	0.34	0.35	0.35	
	0.30		0.22	0.24	0.25	0.26	0.28	0.29	0.30	0.31	0.32	
	0.20		0.18	0.19	0.20	0.21	0.23	0.25	0.26	0.27	0.29	
0.50	0.50	0.20	0.28	0.30	0.31	0.31	0.32	0.32	0.33	0.33	0.33	
	0.30		0.22	0.24	0.25	0.26	0.27	0.28	0.29	0.30	0.30	
	0.20		0.17	0.19	0.20	0.21	0.23	0.24	0.25	0.27	0.28	
0.30	0.50	0.20	0.27	0.29	0.29	0.30	0.31	0.31	0.31	0.32	0.32	
	0.30		0.22	0.23	0.24	0.25	0.26	0.27	0.28	0.29	0.29	
	0.20		0.17	0.18	0.20	0.21	0.22	0.24	0.25	0.26	0.27	
0.00	0.00	0.00	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	
Rating:20W 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: 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

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	533.7	0.5	0.5	0.02	0.02
1.0-2.0	533.5	1.5	2.0	0.07	0.09
2.0-3.0	533.2	2.6	4.6	0.12	0.21
3.0-4.0	532.6	3.6	8.2	0.16	0.38
4.0-5.0	531.9	4.6	12.7	0.21	0.59
5.0-6.0	531.1	5.6	18.3	0.26	0.84
6.0-7.0	530.1	6.6	24.9	0.30	1.15
7.0-8.0	528.9	7.6	32.5	0.35	1.49
8.0-9.0	527.5	8.6	41.0	0.39	1.89
9.0-10.0	526.0	9.5	50.5	0.44	2.33
10.0-11.0	524.3	10.5	61.0	0.48	2.81
11.0-12.0	522.5	11.4	72.4	0.53	3.34
12.0-13.0	520.4	12.4	84.8	0.57	3.90
13.0-14.0	518.2	13.3	98.1	0.61	4.51
14.0-15.0	515.9	14.2	112.2	0.65	5.17
15.0-16.0	513.4	15.0	127.3	0.69	5.86
16.0-17.0	510.8	15.9	143.2	0.73	6.59
17.0-18.0	508.0	16.8	159.9	0.77	7.36
18.0-19.0	505.0	17.6	177.5	0.81	8.17
19.0-20.0	501.9	18.4	195.9	0.85	9.02
20.0-21.0	498.7	19.2	215.0	0.88	9.90
21.0-22.0	495.3	19.9	234.9	0.92	10.82
22.0-23.0	491.8	20.6	255.6	0.95	11.77
23.0-24.0	488.2	21.3	276.9	0.98	12.75
24.0-25.0	484.4	22.0	298.9	1.01	13.76
25.0-26.0	480.4	22.7	321.6	1.04	14.81
26.0-27.0	476.4	23.3	344.9	1.07	15.88
27.0-28.0	472.2	23.9	368.9	1.10	16.98
28.0-29.0	467.9	24.5	393.3	1.13	18.11
29.0-30.0	463.5	25.0	418.4	1.15	19.26
30.0-31.0	459.0	25.5	443.9	1.18	20.44
31.0-32.0	454.4	26.0	469.9	1.20	21.64
32.0-33.0	449.5	26.5	496.4	1.22	22.86
33.0-34.0	444.7	26.9	523.3	1.24	24.09
34.0-35.0	439.7	27.3	550.7	1.26	25.35
35.0-36.0	434.6	27.7	578.3	1.27	26.63

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	429.5	28.0	606.3	1.29	27.92
37.0-38.0	424.2	28.3	634.7	1.30	29.22
38.0-39.0	418.8	28.6	663.3	1.32	30.54
39.0-40.0	413.4	28.8	692.1	1.33	31.86
40.0-41.0	407.9	29.0	721.1	1.34	33.20
41.0-42.0	402.3	29.2	750.4	1.35	34.55
42.0-43.0	396.6	29.4	779.7	1.35	35.90
43.0-44.0	390.8	29.5	809.2	1.36	37.26
44.0-45.0	384.9	29.6	838.8	1.36	38.62
45.0-46.0	379.0	29.6	868.5	1.36	39.98
46.0-47.0	373.1	29.7	898.2	1.37	41.35
47.0-48.0	367.1	29.7	927.8	1.37	42.72
48.0-49.0	361.0	29.6	957.5	1.36	44.08
49.0-50.0	354.8	29.6	987.1	1.36	45.44
50.0-51.0	348.6	29.5	1016.6	1.36	46.80
51.0-52.0	342.4	29.4	1046.0	1.35	48.16
52.0-53.0	336.1	29.2	1075.2	1.35	49.50
53.0-54.0	329.8	29.1	1104.3	1.34	50.84
54.0-55.0	323.5	28.9	1133.1	1.33	52.17
55.0-56.0	317.1	28.7	1161.8	1.32	53.49
56.0-57.0	310.7	28.4	1190.2	1.31	54.80
57.0-58.0	304.2	28.1	1218.4	1.30	56.09
58.0-59.0	297.8	27.8	1246.2	1.28	57.37
59.0-60.0	291.4	27.5	1273.7	1.27	58.64
60.0-61.0	284.9	27.2	1300.9	1.25	59.89
61.0-62.0	278.4	26.8	1327.8	1.24	61.13
62.0-63.0	272.0	26.5	1354.2	1.22	62.35
63.0-64.0	265.5	26.1	1380.3	1.20	63.55
64.0-65.0	259.0	25.6	1405.9	1.18	64.73
65.0-66.0	252.6	25.2	1431.1	1.16	65.89
66.0-67.0	246.1	24.8	1455.9	1.14	67.03
67.0-68.0	239.7	24.3	1480.1	1.12	68.15
68.0-69.0	233.3	23.8	1503.9	1.10	69.24
69.0-70.0	226.9	23.3	1527.2	1.07	70.31
70.0-71.0	220.6	22.8	1550.1	1.05	71.36
71.0-72.0	214.3	22.3	1572.3	1.03	72.39

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	208.1	21.8	1594.1	1.00	73.39
73.0-74.0	201.9	21.2	1615.3	0.98	74.37
74.0-75.0	195.8	20.7	1636.0	0.95	75.32
75.0-76.0	189.8	20.1	1656.2	0.93	76.25
76.0-77.0	183.8	19.6	1675.8	0.90	77.15
77.0-78.0	177.9	19.1	1694.8	0.88	78.03
78.0-79.0	172.1	18.5	1713.3	0.85	78.88
79.0-80.0	166.4	17.9	1731.2	0.83	79.71
80.0-81.0	160.8	17.4	1748.6	0.80	80.51
81.0-82.0	155.4	16.9	1765.5	0.78	81.28
82.0-83.0	150.0	16.3	1781.8	0.75	82.03
83.0-84.0	144.8	15.8	1797.6	0.73	82.76
84.0-85.0	139.8	15.3	1812.8	0.70	83.46
85.0-86.0	135.0	14.8	1827.6	0.68	84.14
86.0-87.0	130.3	14.3	1841.9	0.66	84.80
87.0-88.0	125.9	13.8	1855.7	0.63	85.43
88.0-89.0	121.7	13.3	1869.0	0.61	86.05
89.0-90.0	117.8	12.9	1881.9	0.59	86.64
90.0-91.0	114.1	12.5	1894.4	0.58	87.22
91.0-92.0	110.6	12.1	1906.5	0.56	87.78
92.0-93.0	107.3	11.8	1918.3	0.54	88.32
93.0-94.0	104.0	11.4	1929.7	0.52	88.84
94.0-95.0	100.4	11.0	1940.7	0.51	89.35
95.0-96.0	96.9	10.6	1951.2	0.49	89.83
96.0-97.0	94.0	10.2	1961.5	0.47	90.31
97.0-98.0	90.6	9.8	1971.3	0.45	90.76
98.0-99.0	86.5	9.4	1980.7	0.43	91.19
99.0-100.0	82.6	8.9	1989.6	0.41	91.60
100.0-101.0	78.6	8.5	1998.1	0.39	91.99
101.0-102.0	75.3	8.1	2006.2	0.37	92.37
102.0-103.0	72.5	7.8	2014.0	0.36	92.72
103.0-104.0	68.4	7.3	2021.3	0.34	93.06
104.0-105.0	64.5	6.8	2028.1	0.32	93.37
105.0-106.0	61.0	6.4	2034.5	0.30	93.67
106.0-107.0	56.8	6.0	2040.5	0.27	93.95
107.0-108.0	53.8	5.6	2046.1	0.26	94.20

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	52.6	5.5	2051.6	0.25	94.46
109.0-110.0	51.7	5.3	2057.0	0.25	94.70
110.0-111.0	50.4	5.2	2062.1	0.24	94.94
111.0-112.0	49.4	5.0	2067.2	0.23	95.17
112.0-113.0	48.9	5.0	2072.1	0.23	95.40
113.0-114.0	48.1	4.8	2077.0	0.22	95.62
114.0-115.0	46.8	4.7	2081.6	0.21	95.84
115.0-116.0	45.6	4.5	2086.1	0.21	96.05
116.0-117.0	44.6	4.4	2090.5	0.20	96.25
117.0-118.0	43.4	4.2	2094.7	0.19	96.44
118.0-119.0	42.3	4.1	2098.8	0.19	96.63
119.0-120.0	41.0	3.9	2102.7	0.18	96.81
120.0-121.0	39.8	3.8	2106.5	0.17	96.98
121.0-122.0	38.5	3.6	2110.1	0.17	97.15
122.0-123.0	37.4	3.5	2113.6	0.16	97.31
123.0-124.0	36.2	3.3	2116.9	0.15	97.46
124.0-125.0	35.0	3.2	2120.0	0.15	97.61
125.0-126.0	33.7	3.0	2123.0	0.14	97.74
126.0-127.0	32.5	2.9	2125.9	0.13	97.88
127.0-128.0	31.4	2.7	2128.6	0.13	98.00
128.0-129.0	30.2	2.6	2131.2	0.12	98.12
129.0-130.0	29.1	2.5	2133.7	0.11	98.24
130.0-131.0	28.1	2.3	2136.0	0.11	98.34
131.0-132.0	27.1	2.2	2138.3	0.10	98.45
132.0-133.0	26.1	2.1	2140.4	0.10	98.54
133.0-134.0	25.2	2.0	2142.4	0.09	98.63
134.0-135.0	24.2	1.9	2144.3	0.09	98.72
135.0-136.0	23.4	1.8	2146.1	0.08	98.80
136.0-137.0	22.6	1.7	2147.8	0.08	98.88
137.0-138.0	21.8	1.6	2149.4	0.07	98.96
138.0-139.0	21.0	1.5	2150.9	0.07	99.03
139.0-140.0	20.2	1.4	2152.4	0.07	99.09
140.0-141.0	19.5	1.4	2153.7	0.06	99.16
141.0-142.0	18.8	1.3	2155.0	0.06	99.22
142.0-143.0	18.0	1.2	2156.2	0.06	99.27
143.0-144.0	17.4	1.1	2157.3	0.05	99.32

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	16.8	1.1	2158.4	0.05	99.37
145.0-146.0	16.2	1.0	2159.4	0.05	99.42
146.0-147.0	15.7	0.9	2160.4	0.04	99.46
147.0-148.0	15.2	0.9	2161.3	0.04	99.50
148.0-149.0	14.7	0.8	2162.1	0.04	99.54
149.0-150.0	14.2	0.8	2162.9	0.04	99.58
150.0-151.0	13.8	0.7	2163.6	0.03	99.61
151.0-152.0	13.4	0.7	2164.3	0.03	99.65
152.0-153.0	13.0	0.7	2165.0	0.03	99.68
153.0-154.0	12.6	0.6	2165.6	0.03	99.70
154.0-155.0	12.2	0.6	2166.2	0.03	99.73
155.0-156.0	11.9	0.5	2166.7	0.02	99.76
156.0-157.0	11.6	0.5	2167.2	0.02	99.78
157.0-158.0	11.3	0.5	2167.7	0.02	99.80
158.0-159.0	11.0	0.4	2168.1	0.02	99.82
159.0-160.0	10.7	0.4	2168.6	0.02	99.84
160.0-161.0	10.4	0.4	2168.9	0.02	99.86
161.0-162.0	10.1	0.4	2169.3	0.02	99.87
162.0-163.0	9.9	0.3	2169.6	0.02	99.89
163.0-164.0	9.7	0.3	2169.9	0.01	99.90
164.0-165.0	9.5	0.3	2170.2	0.01	99.92
165.0-166.0	9.3	0.3	2170.4	0.01	99.93
166.0-167.0	9.1	0.2	2170.7	0.01	99.94
167.0-168.0	9.0	0.2	2170.9	0.01	99.95
168.0-169.0	8.8	0.2	2171.1	0.01	99.96
169.0-170.0	8.6	0.2	2171.3	0.01	99.96
170.0-171.0	8.5	0.2	2171.4	0.01	99.97
171.0-172.0	8.4	0.1	2171.5	0.01	99.98
172.0-173.0	8.2	0.1	2171.7	0.01	99.98
173.0-174.0	8.0	0.1	2171.8	0.00	99.99
174.0-175.0	7.9	0.1	2171.8	0.00	99.99
175.0-176.0	7.8	0.1	2171.9	0.00	99.99
176.0-177.0	7.8	0.1	2172.0	0.00	100.00
177.0-178.0	7.7	0.0	2172.0	0.00	100.00
178.0-179.0	7.7	0.0	2172.0	0.00	100.00
179.0-180.0	7.7	0.0	2172.0	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	538.9	535.7	533.1	531.4	531.3	531.8	538.9	535.7	533.1	531.4
G1.0	538.9	536.8	534.7	533.3	532.9	532.7	538.5	534.6	531.3	529.4
G2.0	538.7	537.7	536.3	535.1	534.4	533.6	538.0	533.2	529.2	527.2
G3.0	538.4	538.4	537.9	536.6	535.5	534.2	537.2	531.5	527.2	524.6
G4.0	537.8	538.8	539.0	538.4	536.7	534.3	536.4	529.4	524.6	522.3
G5.0	537.3	539.1	540.1	539.9	537.8	534.5	535.2	527.7	522.1	519.6
G6.0	536.3	539.3	541.1	541.1	538.7	534.4	533.8	525.5	519.4	517.0
G7.0	535.1	539.1	541.8	542.2	539.3	534.2	532.4	523.3	516.8	514.3
G8.0	533.5	538.5	542.5	543.0	540.0	533.6	530.6	520.7	513.9	511.1
G9.0	531.9	538.1	543.0	543.9	540.4	533.0	528.7	517.9	510.8	508.1
G10.0	530.1	537.5	543.3	544.5	540.7	532.3	526.4	514.9	507.8	504.9
G11.0	528.2	536.7	543.5	545.2	540.7	531.3	524.2	511.9	504.2	501.7
G12.0	526.0	535.7	543.6	545.6	540.7	530.1	521.5	508.5	500.9	498.4
G13.0	523.6	534.3	543.5	545.9	540.6	528.5	518.7	505.1	497.4	494.7
G14.0	521.2	532.8	542.9	546.0	540.2	527.0	515.8	501.5	493.7	491.0
G15.0	518.3	531.1	542.4	545.9	539.7	525.2	512.6	497.8	489.9	487.3
G16.0	515.1	529.3	541.7	545.7	538.9	523.2	509.4	493.9	485.7	483.5
G17.0	512.0	527.3	541.0	545.5	538.1	521.2	505.9	489.9	481.9	479.7
G18.0	508.7	525.2	540.1	545.2	537.1	518.8	502.1	485.4	477.7	475.7
G19.0	505.1	522.8	539.0	544.8	536.0	516.6	498.0	480.9	473.3	471.4
G20.0	501.4	520.3	537.9	544.1	534.8	513.7	493.9	476.5	468.9	467.3
G21.0	497.5	517.5	536.4	543.2	533.4	511.0	489.8	471.9	464.4	463.0
G22.0	493.3	514.7	535.0	542.3	531.7	508.2	485.4	467.1	459.7	458.6
G23.0	489.0	511.5	533.4	541.3	530.1	505.1	480.9	461.8	455.1	454.1
G24.0	484.6	508.2	531.7	540.2	528.3	501.7	476.1	456.7	450.3	449.5
G25.0	479.9	504.8	529.6	538.9	526.4	498.4	470.9	451.6	445.4	444.7
G26.0	475.2	501.3	527.6	537.4	524.2	494.8	465.7	446.1	440.4	440.1
G27.0	470.0	497.8	525.5	535.8	522.1	491.2	460.5	440.8	435.3	435.4
G28.0	464.9	493.6	522.8	534.0	519.6	486.9	455.2	435.1	430.5	430.7
G29.0	459.6	489.7	520.4	531.9	517.0	483.0	449.8	429.5	425.2	425.9
G30.0	454.2	485.5	517.7	530.1	514.5	478.7	444.3	423.8	419.7	420.7
G31.0	448.7	481.3	515.1	527.8	511.9	474.5	438.4	417.5	414.5	416.0
G32.0	442.5	476.8	512.1	525.6	509.1	470.1	432.5	411.5	408.8	410.8
G33.0	436.7	471.8	508.8	523.3	506.0	465.4	426.0	405.3	403.5	405.9
G34.0	430.6	467.2	505.7	520.4	502.8	460.7	419.8	399.1	398.1	400.9
G35.0	424.5	462.4	502.4	517.8	499.5	455.8	413.5	392.8	392.4	395.5
G36.0	418.2	457.5	499.0	515.1	495.9	450.9	407.1	386.4	386.8	390.3

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 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	411.4	452.0	495.5	512.2	492.5	446.1	400.6	379.8	381.1	385.1
G38.0	404.9	446.7	491.9	509.2	488.9	440.9	393.8	372.9	375.5	380.0
G39.0	398.2	441.4	487.9	506.3	485.1	435.4	387.1	366.4	369.9	374.9
G40.0	391.0	435.9	484.2	502.7	480.9	429.9	380.2	359.8	363.9	369.4
G41.0	384.2	430.4	480.1	499.3	477.0	424.5	373.4	353.2	358.2	364.1
G42.0	377.2	424.5	476.0	496.0	473.0	418.8	365.7	346.2	352.5	358.9
G43.0	369.8	418.9	471.5	492.5	468.9	412.7	358.6	339.4	346.4	353.6
G44.0	362.7	412.9	467.3	488.5	464.7	407.0	351.0	332.1	340.6	348.1
G45.0	355.4	407.0	463.0	484.8	460.0	401.2	343.8	325.3	334.5	342.7
G46.0	347.5	400.5	458.5	481.0	455.5	395.1	336.2	318.2	328.7	337.4
G47.0	340.0	394.4	453.9	477.1	451.1	389.1	328.2	311.2	322.9	332.1
G48.0	332.2	388.2	448.9	473.2	446.5	383.0	320.5	303.9	317.0	326.8
G49.0	324.4	381.9	444.1	468.8	441.7	376.6	312.7	296.8	310.9	321.4
G50.0	316.5	375.3	439.2	464.4	436.9	370.4	304.9	289.7	305.0	316.0
G51.0	308.5	368.8	434.3	460.1	432.0	364.0	296.8	282.5	299.2	310.4
G52.0	300.5	362.2	429.3	455.9	427.1	357.0	288.8	275.0	293.4	305.1
G53.0	291.9	355.2	424.4	451.3	421.8	350.7	280.8	267.9	287.5	299.9
G54.0	283.6	348.7	418.9	446.9	416.8	344.2	272.0	260.8	281.8	294.6
G55.0	275.5	341.8	413.8	442.0	411.8	337.7	263.8	253.4	276.1	289.3
G56.0	266.8	335.1	408.5	437.5	406.4	330.7	255.6	246.4	270.1	284.2
G57.0	258.5	327.9	403.3	432.6	401.2	324.1	247.2	238.9	264.5	278.7
G58.0	249.8	321.1	397.7	428.0	395.9	317.3	238.8	231.8	258.6	273.4
G59.0	241.4	314.1	392.4	422.9	390.7	310.6	230.4	224.8	253.0	268.2
G60.0	232.4	307.2	387.0	418.2	384.9	303.3	221.9	217.7	247.4	263.1
G61.0	223.7	299.8	381.6	413.1	379.7	296.6	212.8	210.6	241.6	258.0
G62.0	214.7	292.8	375.9	408.3	374.1	289.6	204.1	203.6	236.1	252.9
G63.0	206.1	286.0	370.4	403.1	368.9	282.4	195.5	196.7	230.6	247.9
G64.0	196.9	278.8	364.8	398.0	363.0	275.7	186.6	189.4	225.1	242.9
G65.0	188.3	271.4	359.0	393.0	357.7	268.7	177.9	182.7	219.8	238.1
G66.0	179.2	264.5	353.5	387.9	352.2	261.5	169.4	176.1	214.5	232.8
G67.0	169.9	257.5	347.8	382.4	346.5	254.8	160.1	169.3	209.1	227.8
G68.0	161.2	250.2	341.9	377.3	341.0	247.9	151.4	162.9	204.0	222.9
G69.0	152.1	243.3	336.4	372.1	335.4	240.8	142.5	156.1	198.6	218.2
G70.0	142.9	236.2	330.8	366.7	330.0	234.1	133.8	149.8	193.6	213.1
G71.0	134.1	229.4	325.1	361.4	324.1	227.5	124.5	143.5	188.6	208.4
G72.0	124.9	222.3	319.2	356.1	318.5	220.8	115.9	137.2	183.4	203.8
G73.0	116.2	215.5	313.6	350.8	313.1	213.8	107.3	131.2	178.6	199.2

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 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	107.2	208.6	308.0	345.1	307.2	207.4	98.7	125.3	173.8	194.5
G75.0	98.6	202.1	302.5	339.9	301.7	200.8	90.3	119.6	169.0	190.1
G76.0	89.7	195.2	296.4	334.5	296.3	194.1	81.8	113.7	164.3	185.7
G77.0	81.4	188.5	290.9	329.2	290.8	188.0	73.6	108.3	159.8	180.9
G78.0	72.8	182.2	285.3	323.5	285.0	181.7	65.1	103.1	155.3	176.6
G79.0	64.5	175.7	279.5	318.0	279.5	175.3	57.3	97.9	150.6	172.3
G80.0	56.7	169.3	274.1	312.8	274.2	169.5	49.9	93.0	146.4	168.1
G81.0	48.7	163.3	268.5	307.1	268.5	163.5	42.4	88.0	142.1	163.7
G82.0	41.5	157.1	263.1	301.8	263.1	157.4	35.6	83.4	138.0	159.6
G83.0	34.3	151.3	257.3	296.4	257.6	151.8	28.7	78.9	133.6	155.5
G84.0	27.8	145.4	251.9	291.1	252.3	146.4	22.6	74.7	129.6	151.5
G85.0	21.5	139.7	246.5	285.4	246.6	140.9	17.0	70.6	125.7	147.6
G86.0	16.1	134.2	241.2	280.2	241.4	135.7	12.3	66.7	121.8	143.7
G87.0	11.3	129.0	235.6	274.8	236.2	130.4	8.3	62.7	118.0	139.6
G88.0	7.4	123.7	230.2	269.1	230.6	125.4	5.2	59.3	114.3	135.8
G89.0	4.6	118.7	225.2	263.9	225.6	120.3	3.0	55.9	110.6	132.2
G90.0	2.7	114.1	219.7	258.7	220.4	115.7	2.0	52.8	106.9	128.6
G91.0	2.0	109.3	214.6	253.1	215.5	111.3	1.8	49.6	103.5	124.7
G92.0	2.0	104.9	209.6	248.0	210.3	107.0	1.9	46.9	100.2	121.2
G93.0	1.9	100.5	204.3	242.8	205.3	102.5	1.8	44.1	96.7	117.8
G94.0	2.0	96.4	199.4	237.8	200.4	98.5	2.0	41.3	93.5	114.5
G95.0	2.1	81.7	194.4	232.4	195.6	94.7	2.0	38.1	90.4	111.2
G96.0	2.2	81.1	189.6	227.3	190.5	90.5	2.1	34.8	87.2	107.7
G97.0	2.1	82.0	185.0	222.1	185.9	85.1	2.0	31.6	84.3	104.4
G98.0	2.2	73.6	179.4	217.2	181.1	74.5	2.1	30.0	80.9	101.3
G99.0	2.4	62.7	168.9	211.9	176.4	68.5	2.2	28.7	77.5	97.9
G100.0	2.4	59.3	160.3	206.8	171.0	63.3	2.4	24.5	73.8	94.4
G101.0	2.5	55.5	147.1	200.6	166.0	59.7	2.4	21.9	69.9	90.5
G102.0	2.5	53.8	145.5	195.5	161.3	57.1	2.4	20.7	66.8	87.3
G103.0	2.5	51.8	142.6	185.5	152.2	55.3	2.6	19.5	65.1	85.0
G104.0	2.5	50.3	121.1	175.3	130.6	53.8	2.7	19.0	63.9	82.5
G105.0	2.8	48.6	114.8	174.3	123.4	52.2	2.7	17.7	61.3	78.9
G106.0	2.7	47.2	108.9	149.6	118.6	50.4	2.7	16.0	56.5	72.8
G107.0	2.7	45.6	103.1	135.5	114.6	48.2	2.8	14.8	47.5	70.3
G108.0	3.0	43.8	100.9	130.0	113.3	46.2	3.0	15.5	44.7	67.3
G109.0	3.0	42.4	108.3	129.9	117.8	44.7	3.1	15.0	41.9	60.7
G110.0	3.0	41.2	111.3	129.0	114.2	43.4	3.1	14.1	39.6	53.9

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 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	3.2	40.1	111.1	128.4	109.5	42.3	3.2	13.2	37.8	50.8
G112.0	3.3	39.0	108.7	133.9	106.7	41.3	3.3	12.5	38.2	47.2
G113.0	3.2	38.3	105.7	133.7	104.2	41.1	3.4	12.4	39.1	47.4
G114.0	3.4	37.7	102.7	131.1	100.6	40.8	3.5	12.1	37.6	45.4
G115.0	3.5	36.9	99.9	126.7	97.0	40.2	3.5	11.6	35.3	45.4
G116.0	3.4	36.1	96.7	122.8	93.9	39.3	3.6	11.1	35.5	49.4
G117.0	3.7	35.5	93.8	119.5	91.3	38.2	3.8	10.6	34.9	48.7
G118.0	3.7	34.6	90.8	117.6	89.4	37.1	3.8	10.1	33.4	47.4
G119.0	3.6	33.9	88.2	115.7	87.3	36.1	3.9	9.5	31.9	45.7
G120.0	3.7	33.2	85.6	112.8	85.1	35.1	3.9	9.1	30.2	43.9
G121.0	3.9	32.4	83.1	109.6	83.2	34.0	4.0	8.6	28.4	42.1
G122.0	4.0	31.4	80.5	106.3	81.4	33.1	4.2	8.3	27.6	40.3
G123.0	3.9	30.7	78.2	103.1	79.3	32.3	4.2	7.9	27.0	38.6
G124.0	4.2	29.9	76.0	99.6	76.7	31.3	4.3	7.6	25.8	36.8
G125.0	4.2	28.5	73.6	96.4	74.1	30.6	4.3	7.3	24.6	35.2
G126.0	4.1	27.4	71.4	93.1	71.7	29.9	4.3	6.9	23.1	33.6
G127.0	4.4	26.2	69.0	89.9	69.3	29.0	4.5	6.6	22.0	32.0
G128.0	4.4	25.1	66.7	86.8	67.0	28.4	4.6	6.4	20.9	30.4
G129.0	4.3	24.3	64.5	83.6	64.7	27.7	4.6	6.2	19.7	29.0
G130.0	4.6	23.1	62.2	80.7	62.6	26.9	4.8	5.9	18.7	27.5
G131.0	4.5	22.3	60.0	77.9	60.5	26.3	4.8	5.7	17.8	26.1
G132.0	4.5	21.6	58.0	75.0	58.4	25.7	4.9	5.6	17.0	24.8
G133.0	4.8	20.4	55.9	72.4	56.5	25.1	4.9	5.5	16.1	23.4
G134.0	4.8	19.2	54.0	69.9	54.6	24.3	5.0	5.2	15.1	22.2
G135.0	4.8	18.6	52.2	67.1	52.8	23.8	5.1	5.1	14.3	20.9
G136.0	5.0	18.2	50.3	64.8	51.0	23.0	5.2	5.1	13.5	19.7
G137.0	4.9	18.2	48.6	62.3	49.3	22.6	5.3	5.0	12.9	18.6
G138.0	5.2	17.8	46.4	60.1	47.6	22.1	5.2	4.7	12.2	17.5
G139.0	5.1	17.7	43.8	58.2	46.0	21.6	5.4	4.6	11.5	16.5
G140.0	5.2	17.5	41.5	55.8	44.3	21.3	5.4	4.7	10.9	15.5
G141.0	5.3	16.9	39.3	53.8	42.8	20.9	5.4	4.5	10.4	14.7
G142.0	5.4	16.5	37.1	51.9	41.4	20.4	5.5	4.4	9.8	13.8
G143.0	5.3	16.0	35.3	49.7	39.9	20.1	5.7	4.4	9.3	13.0
G144.0	5.5	15.6	33.5	48.1	38.6	19.6	5.7	4.6	8.8	12.1
G145.0	5.6	15.3	31.6	46.4	37.3	19.1	5.7	4.6	8.5	11.4
G146.0	5.6	14.9	29.9	44.5	35.9	18.8	5.8	4.5	8.0	10.8
G147.0	5.8	14.7	28.4	42.9	34.7	18.5	6.0	4.6	7.5	10.1

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	5.8	14.7	26.9	41.2	33.5	18.0	6.1	4.7	7.2	9.4
G149.0	5.9	14.4	25.5	39.4	32.2	17.7	6.1	4.7	6.9	8.9
G150.0	6.1	14.2	24.2	38.0	31.1	17.4	6.3	4.7	6.5	8.6
G151.0	6.1	14.2	23.4	36.5	30.0	16.9	6.3	4.8	6.3	7.9
G152.0	6.3	14.0	22.6	34.8	28.8	16.6	6.4	4.7	6.0	7.4
G153.0	6.4	13.9	21.9	33.4	27.8	16.1	6.4	4.7	5.8	7.2
G154.0	6.4	13.8	21.2	31.8	26.7	15.8	6.7	4.8	5.4	6.8
G155.0	6.5	13.5	20.5	30.4	25.6	15.5	6.7	4.8	5.1	6.3
G156.0	6.7	13.3	19.8	29.2	24.6	15.2	6.7	4.7	5.2	5.9
G157.0	6.7	13.3	19.1	27.9	23.7	14.7	6.8	4.7	5.0	5.7
G158.0	6.8	12.9	18.4	26.4	22.6	14.5	7.0	4.7	4.9	5.4
G159.0	7.0	12.7	17.7	25.3	21.7	14.0	7.1	4.9	4.9	5.1
G160.0	7.0	12.4	17.0	24.0	20.7	13.7	7.0	4.8	5.0	5.1
G161.0	7.2	12.1	16.2	22.8	19.9	13.5	7.1	4.8	4.9	5.0
G162.0	7.2	11.9	15.7	21.6	19.0	13.1	7.3	4.8	5.1	4.9
G163.0	7.3	11.6	15.3	20.6	18.1	12.9	7.4	5.1	5.1	4.9
G164.0	7.4	11.5	14.6	19.6	17.4	12.4	7.3	5.0	5.1	5.0
G165.0	7.5	11.3	14.1	18.6	16.6	12.2	7.6	5.3	4.9	5.0
G166.0	7.6	11.1	13.7	17.6	15.9	11.8	7.6	5.4	4.9	4.9
G167.0	7.6	10.9	13.4	16.6	15.1	11.4	7.5	5.4	5.1	5.0
G168.0	7.6	10.6	13.0	15.7	14.3	11.3	7.8	5.7	5.2	5.0
G169.0	7.7	10.5	12.6	15.0	13.6	10.8	7.7	5.8	5.1	5.2
G170.0	7.8	10.3	12.1	14.0	13.0	10.5	7.7	6.1	5.2	5.0
G171.0	7.8	10.1	11.7	13.1	12.4	10.2	7.9	6.1	5.2	5.2
G172.0	7.9	9.8	11.2	12.4	11.8	10.1	8.0	6.4	5.3	5.1
G173.0	8.0	9.6	10.7	11.0	11.3	9.6	8.1	6.6	5.6	5.4
G174.0	8.0	9.4	10.4	8.2	10.6	9.4	8.2	6.8	6.0	5.7
G175.0	8.1	9.1	9.9	7.7	10.1	9.1	8.1	6.9	6.3	6.1
G176.0	8.0	8.9	9.4	7.4	9.5	9.0	8.1	7.1	6.4	5.8
G177.0	8.0	8.7	9.1	7.1	9.1	8.8	8.0	7.3	6.9	6.0
G178.0	8.1	8.5	8.7	6.8	8.7	8.5	8.0	7.5	7.2	6.2
G179.0	8.1	8.2	8.1	6.8	8.1	8.3	8.2	7.8	7.4	6.3
G180.0	8.1	8.0	7.8	6.4	7.7	7.9	8.1	8.1	7.7	6.4

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 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	531.3	531.8	538.9							
G1.0	529.5	530.7	538.9							
G2.0	527.5	529.5	538.7							
G3.0	525.4	528.2	538.4							
G4.0	523.1	526.7	537.8							
G5.0	520.8	524.9	537.3							
G6.0	518.1	522.5	536.3							
G7.0	515.4	520.4	535.1							
G8.0	512.7	518.3	533.5							
G9.0	509.9	515.7	531.9							
G10.0	506.9	513.1	530.1							
G11.0	503.6	510.3	528.2							
G12.0	500.3	506.8	526.0							
G13.0	496.6	503.6	523.6							
G14.0	493.0	500.3	521.2							
G15.0	489.4	496.7	518.3							
G16.0	485.7	493.0	515.1							
G17.0	481.7	489.2	512.0							
G18.0	477.7	485.2	508.7							
G19.0	473.3	480.6	505.1							
G20.0	469.3	476.3	501.4							
G21.0	464.6	471.9	497.5							
G22.0	460.1	467.1	493.3							
G23.0	455.6	462.5	489.0							
G24.0	451.0	457.5	484.6							
G25.0	446.2	452.1	479.9							
G26.0	441.3	446.9	475.2							
G27.0	436.4	441.8	470.0							
G28.0	431.7	436.4	464.9							
G29.0	426.2	430.8	459.6							
G30.0	421.2	425.2	454.2							
G31.0	416.0	419.5	448.7							
G32.0	410.5	413.2	442.5							
G33.0	405.2	407.3	436.7							
G34.0	399.8	401.3	430.6							
G35.0	394.1	395.0	424.5							
G36.0	388.7	388.9	418.2							

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 6)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	383.1	382.6	411.4							
G38.0	377.6	375.8	404.9							
G39.0	371.9	369.4	398.2							
G40.0	366.3	363.0	391.0							
G41.0	360.6	356.4	384.2							
G42.0	355.0	349.6	377.2							
G43.0	349.0	343.0	369.8							
G44.0	343.3	336.3	362.7							
G45.0	337.5	329.0	355.4							
G46.0	331.7	322.1	347.5							
G47.0	326.1	315.3	340.0							
G48.0	320.3	308.2	332.2							
G49.0	314.1	301.3	324.4							
G50.0	308.4	294.3	316.5							
G51.0	302.6	287.2	308.5							
G52.0	296.6	279.8	300.5							
G53.0	291.1	272.9	291.9							
G54.0	285.4	265.8	283.6							
G55.0	279.4	258.9	275.5							
G56.0	273.8	251.9	266.8							
G57.0	268.1	244.4	258.5							
G58.0	262.5	237.4	249.8							
G59.0	257.0	230.5	241.4							
G60.0	251.4	223.4	232.4							
G61.0	245.6	216.5	223.7							
G62.0	240.1	209.7	214.7							
G63.0	234.7	202.4	206.1							
G64.0	229.3	195.7	196.9							
G65.0	224.0	189.1	188.3							
G66.0	218.8	182.4	179.2							
G67.0	213.2	175.9	169.9							
G68.0	208.0	169.0	161.2							
G69.0	202.9	162.6	152.1							
G70.0	197.9	156.2	142.9							
G71.0	192.9	150.1	134.1							
G72.0	187.5	144.0	124.9							
G73.0	182.7	138.0	116.2							

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 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	177.9	131.7	107.2							
G75.0	173.2	126.0	98.6							
G76.0	168.5	120.5	89.7							
G77.0	163.9	115.0	81.4							
G78.0	159.5	109.8	72.8							
G79.0	154.7	104.7	64.5							
G80.0	150.4	99.4	56.7							
G81.0	146.1	94.6	48.7							
G82.0	141.9	89.9	41.5							
G83.0	137.5	85.5	34.3							
G84.0	133.4	80.8	27.8							
G85.0	129.4	76.6	21.5							
G86.0	125.5	72.6	16.1							
G87.0	121.8	68.8	11.3							
G88.0	118.0	65.2	7.4							
G89.0	114.1	61.8	4.6							
G90.0	110.6	58.2	2.7							
G91.0	107.1	55.0	2.0							
G92.0	103.6	52.1	2.0							
G93.0	100.0	49.3	1.9							
G94.0	96.8	46.4	2.0							
G95.0	93.6	43.8	2.1							
G96.0	90.5	41.4	2.2							
G97.0	87.1	39.2	2.1							
G98.0	84.2	37.1	2.2							
G99.0	81.3	35.0	2.4							
G100.0	78.6	31.9	2.4							
G101.0	75.5	27.0	2.5							
G102.0	70.9	24.7	2.5							
G103.0	67.3	22.8	2.5							
G104.0	65.0	21.6	2.5							
G105.0	62.1	20.7	2.8							
G106.0	58.4	19.9	2.7							
G107.0	54.3	19.1	2.7							
G108.0	47.0	18.3	3.0							
G109.0	45.1	17.3	3.0							
G110.0	43.2	16.4	3.0							

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	41.0	15.7	3.2							
G112.0	39.7	15.0	3.3							
G113.0	41.8	14.3	3.2							
G114.0	41.3	13.6	3.4							
G115.0	39.8	12.7	3.5							
G116.0	38.2	12.1	3.4							
G117.0	36.8	11.6	3.7							
G118.0	35.3	11.0	3.7							
G119.0	33.8	10.3	3.6							
G120.0	32.3	9.8	3.7							
G121.0	30.8	9.5	3.9							
G122.0	29.4	9.1	4.0							
G123.0	28.1	8.7	3.9							
G124.0	26.8	8.3	4.2							
G125.0	25.6	7.9	4.2							
G126.0	24.3	7.7	4.1							
G127.0	23.1	7.3	4.4							
G128.0	22.0	6.8	4.4							
G129.0	21.0	6.6	4.3							
G130.0	19.8	6.4	4.6							
G131.0	18.8	6.1	4.5							
G132.0	18.0	5.9	4.5							
G133.0	17.1	5.6	4.8							
G134.0	16.2	5.4	4.8							
G135.0	15.2	5.3	4.8							
G136.0	14.4	5.2	5.0							
G137.0	13.6	5.1	4.9							
G138.0	12.9	4.9	5.2							
G139.0	12.0	4.9	5.1							
G140.0	11.4	4.8	5.2							
G141.0	10.7	4.6	5.3							
G142.0	10.0	4.6	5.4							
G143.0	9.4	4.6	5.3							
G144.0	8.8	4.5	5.5							
G145.0	8.3	4.5	5.6							
G146.0	7.8	4.5	5.6							
G147.0	7.2	4.6	5.8							

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	6.9	4.6	5.8							
G149.0	6.6	4.6	5.9							
G150.0	6.2	4.6	6.1							
G151.0	6.0	4.6	6.1							
G152.0	5.8	4.6	6.3							
G153.0	5.5	4.7	6.4							
G154.0	5.3	4.7	6.4							
G155.0	5.1	4.7	6.5							
G156.0	5.0	4.7	6.7							
G157.0	4.9	4.7	6.7							
G158.0	4.8	4.7	6.8							
G159.0	4.8	4.7	7.0							
G160.0	4.8	4.8	7.0							
G161.0	4.9	4.8	7.2							
G162.0	4.9	4.8	7.2							
G163.0	4.8	4.8	7.3							
G164.0	4.9	4.9	7.4							
G165.0	4.9	5.0	7.5							
G166.0	4.8	5.1	7.6							
G167.0	4.9	5.3	7.6							
G168.0	5.0	5.4	7.6							
G169.0	5.0	5.7	7.7							
G170.0	5.0	5.8	7.8							
G171.0	5.1	6.0	7.8							
G172.0	5.3	6.3	7.9							
G173.0	5.5	6.4	8.0							
G174.0	5.8	6.6	8.0							
G175.0	6.1	6.8	8.1							
G176.0	6.4	7.2	8.0							
G177.0	6.7	7.4	8.0							
G178.0	7.0	7.6	8.1							
G179.0	7.4	7.7	8.1							
G180.0	7.7	8.0	8.1							

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: