

Report No.: 22

Test Time: 2015/2/2 10:36

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: LT-I0609-N138B6

Current: 0.045 A

Power Factor: 0.923

Voltage: 220V

Power: 9.22W

Photometric Results

CIE Class: Direct

Measurement Flux: 1025.2 lm

Downward Ratio: 92%

Horizontal Diffuse Angle(50%): H106

Vertical Diffuse Angle(50%): V131.4

Luminaire Efficacy Rating (LER): 111

Max. Intensity: 297.08 cd

Total Rated Lamp Lumens: 1025.2 lm

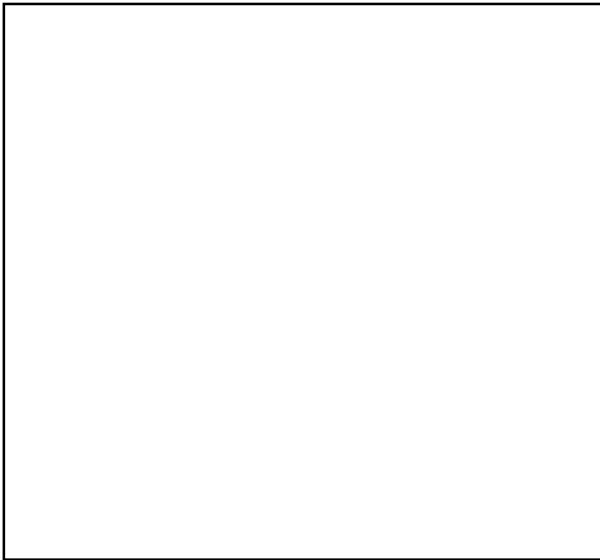
Efficiency: 100%

Upward Ratio: 8%

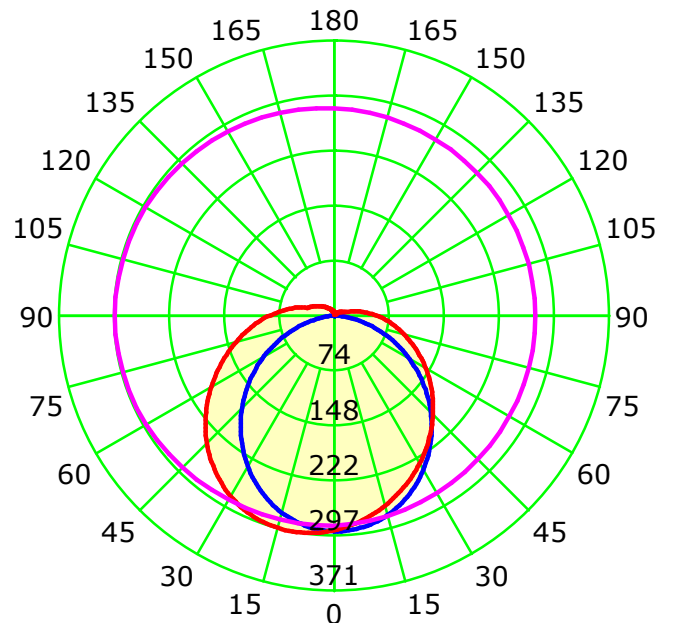
Central Intensity: 291.25 cd

Pos of Max. Intensity: H270 V12

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 118.76° Unit: cd

— C0-C180 — C90-C270 — G12

C Plane (°): 0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°): 0.0-180.0: 1.0

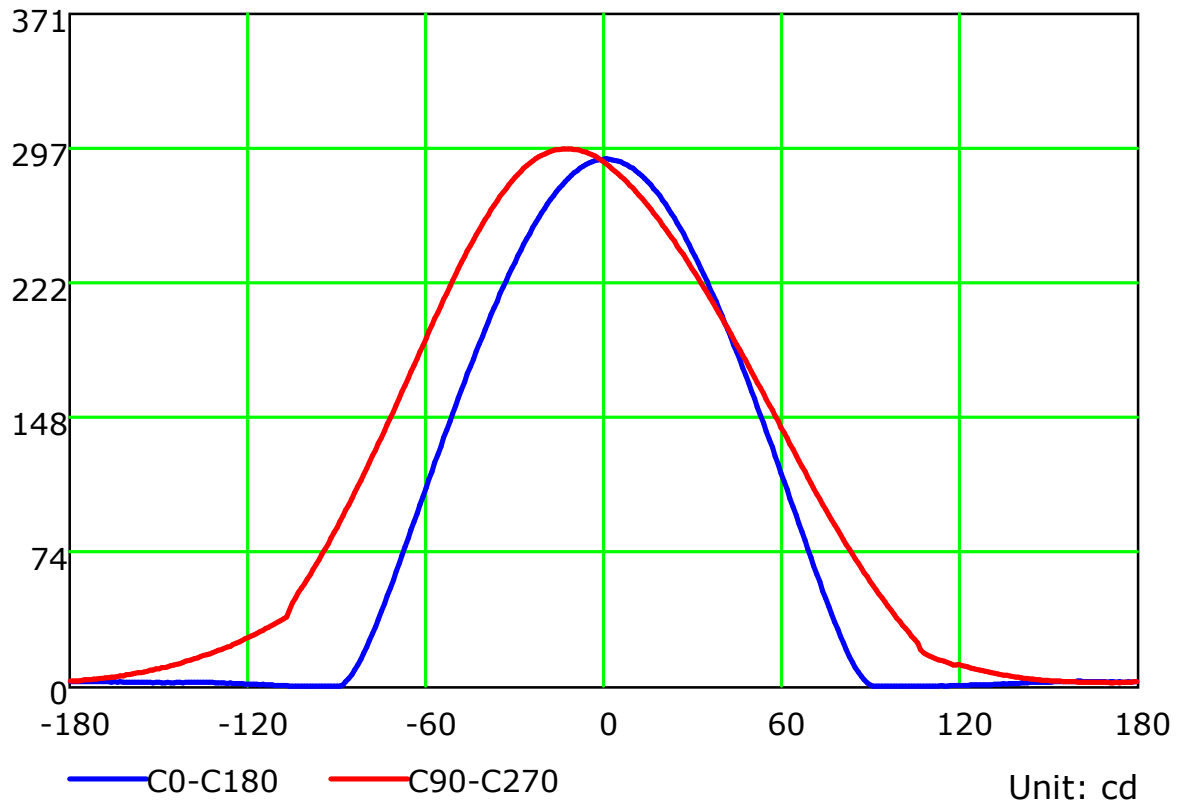
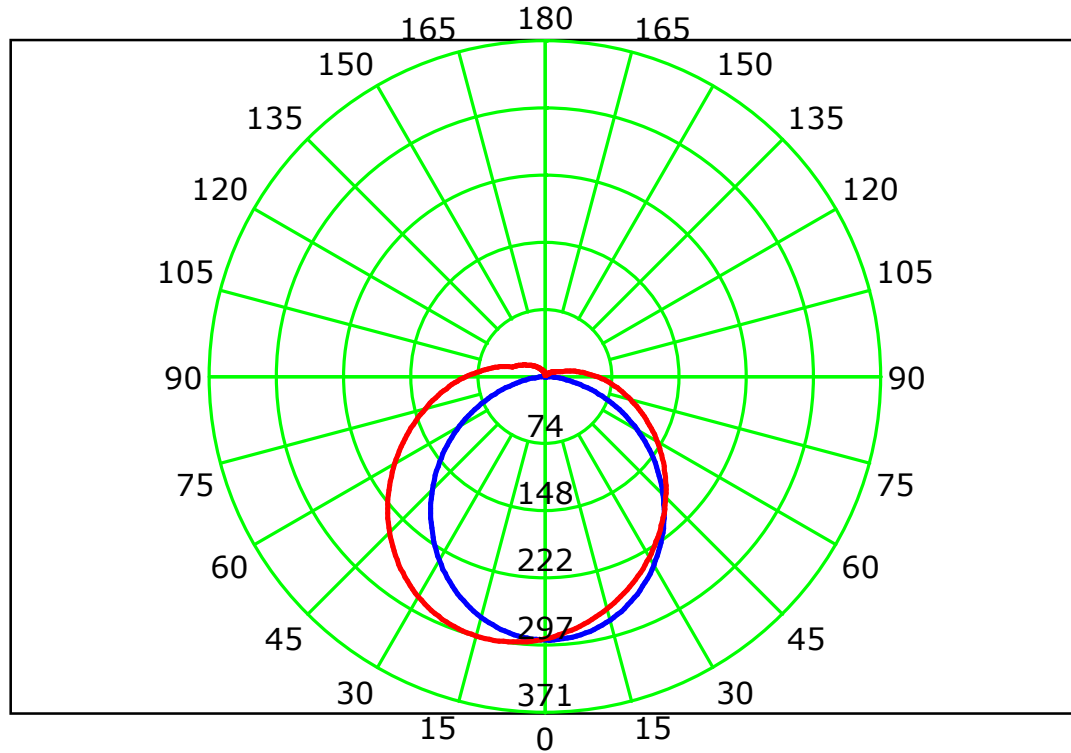
Test Device: GPM-1800B

Distance: 8.038 m

Humidity:

Inspector:

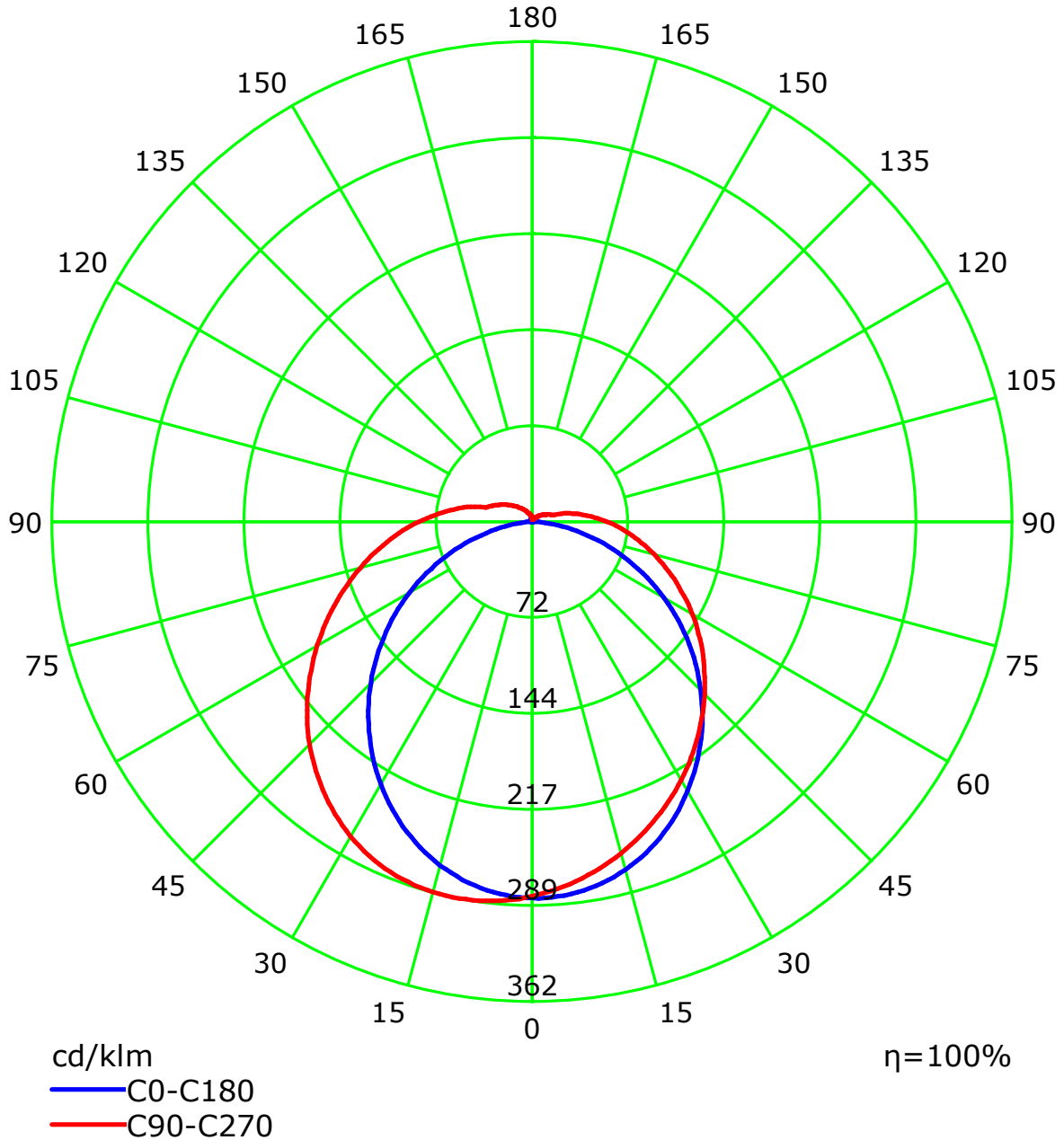
Luminous Intensity Distribution Curve



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: 8.038 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: 8.038 m
Humidity:
Inspector:

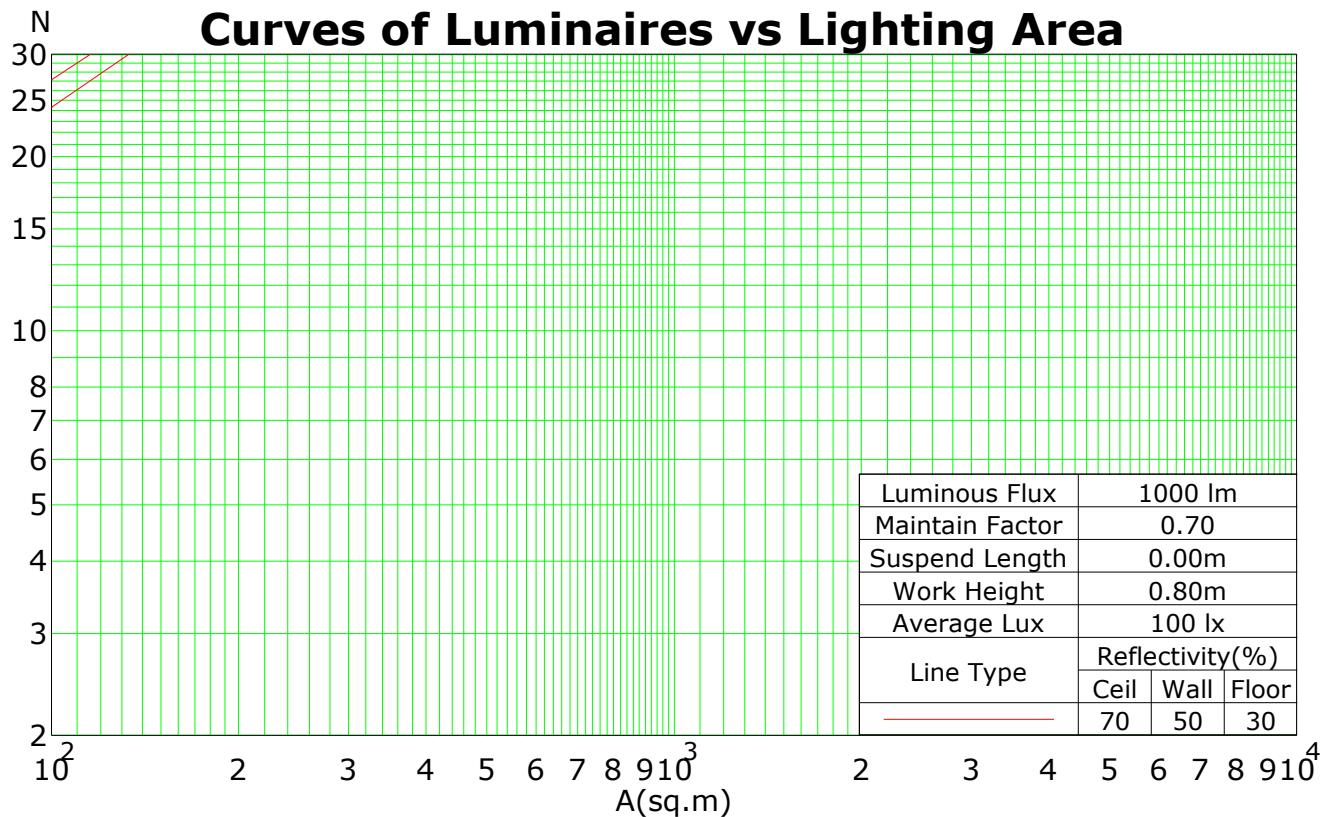
Coefficients Of Utilization - Zonal Cavity Method

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	107	107	107	100	100	100	95	95	95	92
1	105	99	94	90	101	96	91	87	90	87	83	85	82	79	80	78	75	73
2	95	85	78	71	91	83	76	70	78	72	67	73	69	64	69	65	62	59
3	86	74	66	59	83	72	64	58	68	61	55	64	58	53	61	56	52	49
4	78	66	56	49	75	64	55	48	60	53	47	57	50	45	54	48	44	41
5	72	58	49	42	69	57	48	41	54	46	40	51	44	39	48	42	38	35
6	66	52	43	36	64	51	42	36	48	41	35	46	39	34	44	38	33	31
7	61	47	38	32	59	46	38	32	44	36	31	42	35	30	40	34	29	27
8	57	43	34	28	55	42	34	28	40	33	27	38	32	27	37	31	26	24
9	53	40	31	26	51	39	31	25	37	30	25	35	29	24	34	28	24	22
10	50	36	28	23	48	36	28	23	34	27	22	33	26	22	31	26	21	20

Spacing Criteria (0-180): 1.22

Spacing Criteria (90-270): 1.31

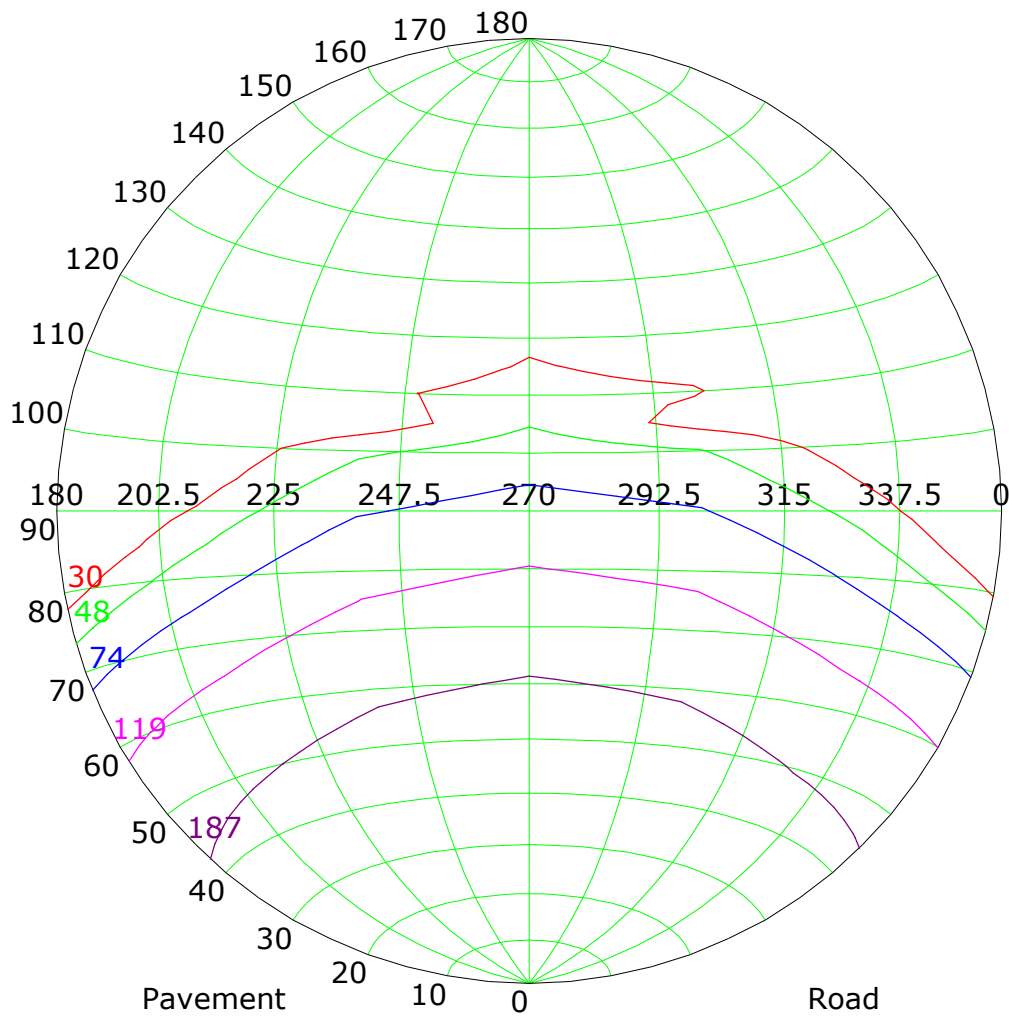
Spacing Criteria (Diagonal): 1.39



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: 8.038 m
Humidity:
Inspector:

Isocandela (sphere)



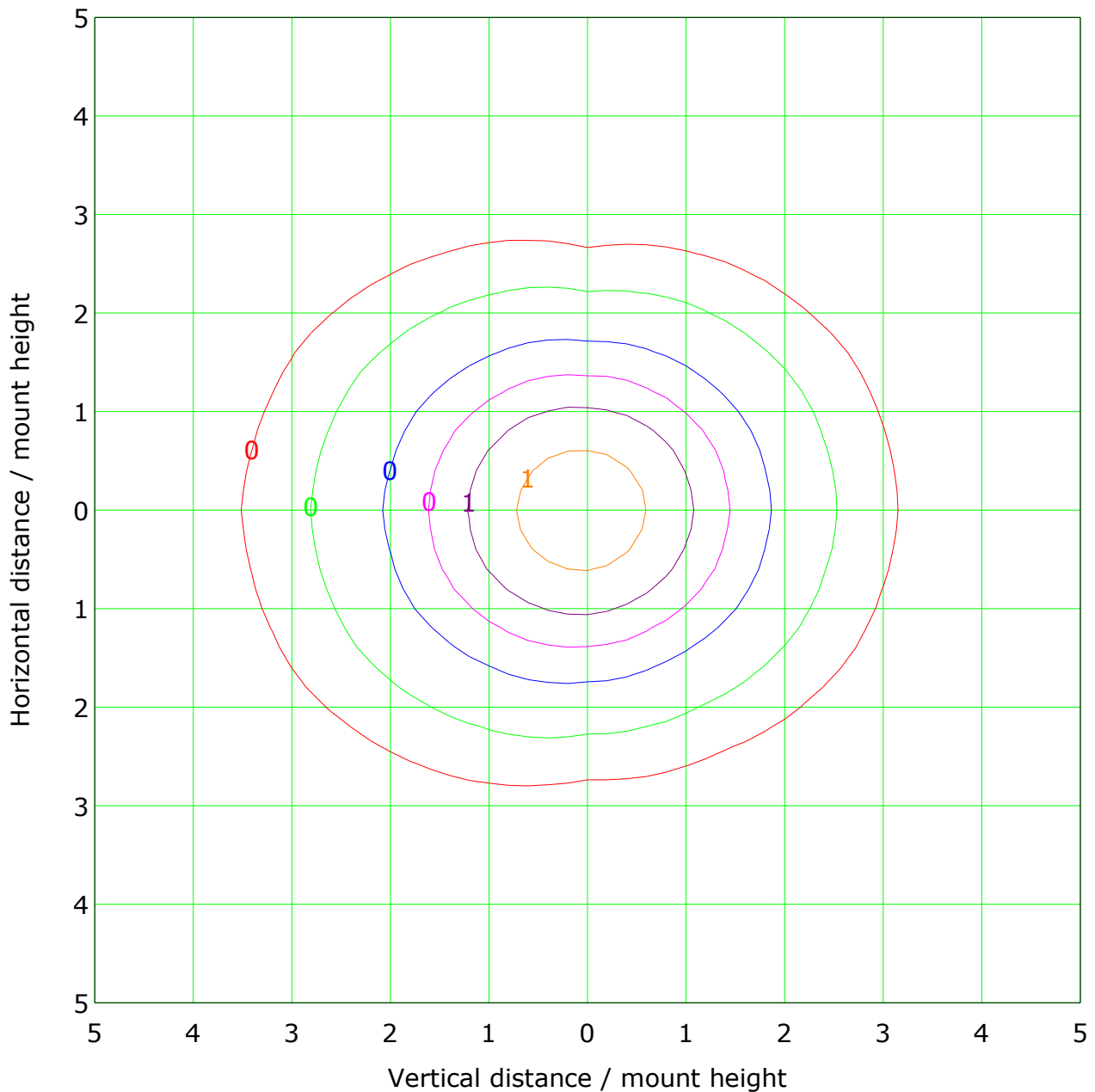
Imax (100%): 297 cd

(10%):	30 cd	(16%):	48 cd
(25%):	74 cd	(40%):	119 cd
(63%):	187 cd	(100%):	297 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: 8.038 m
Humidity:
Inspector:

IsoLux Plot



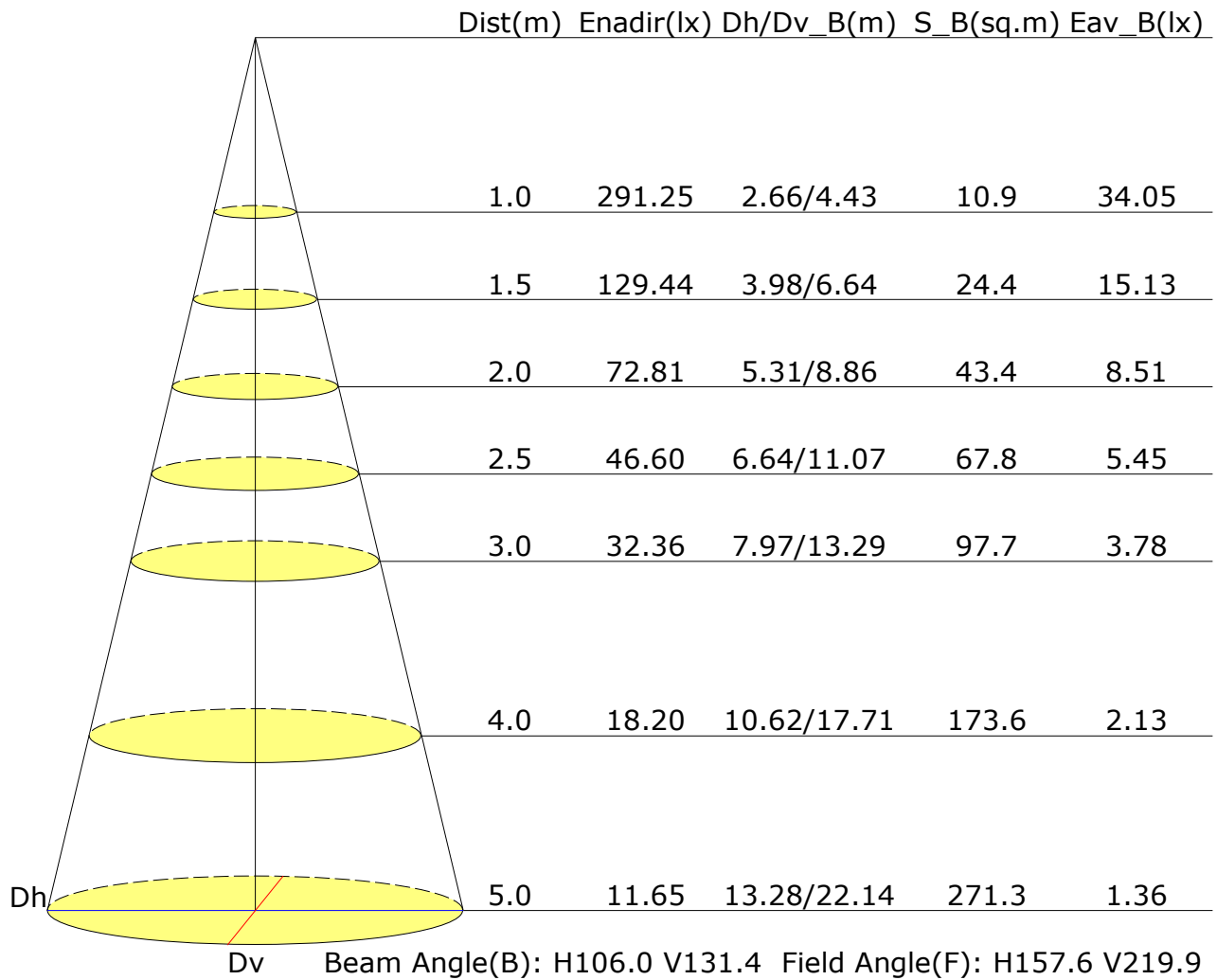
Mounting Height: 10.0m Max Lux(100%): 2.9 lx

(1%): 0.0 lx	(2%): 0.1 lx
(5%): 0.1 lx	(10%): 0.3 lx
(20%): 0.6 lx	(50%): 1.5 lx
(100%): 2.9 lx	

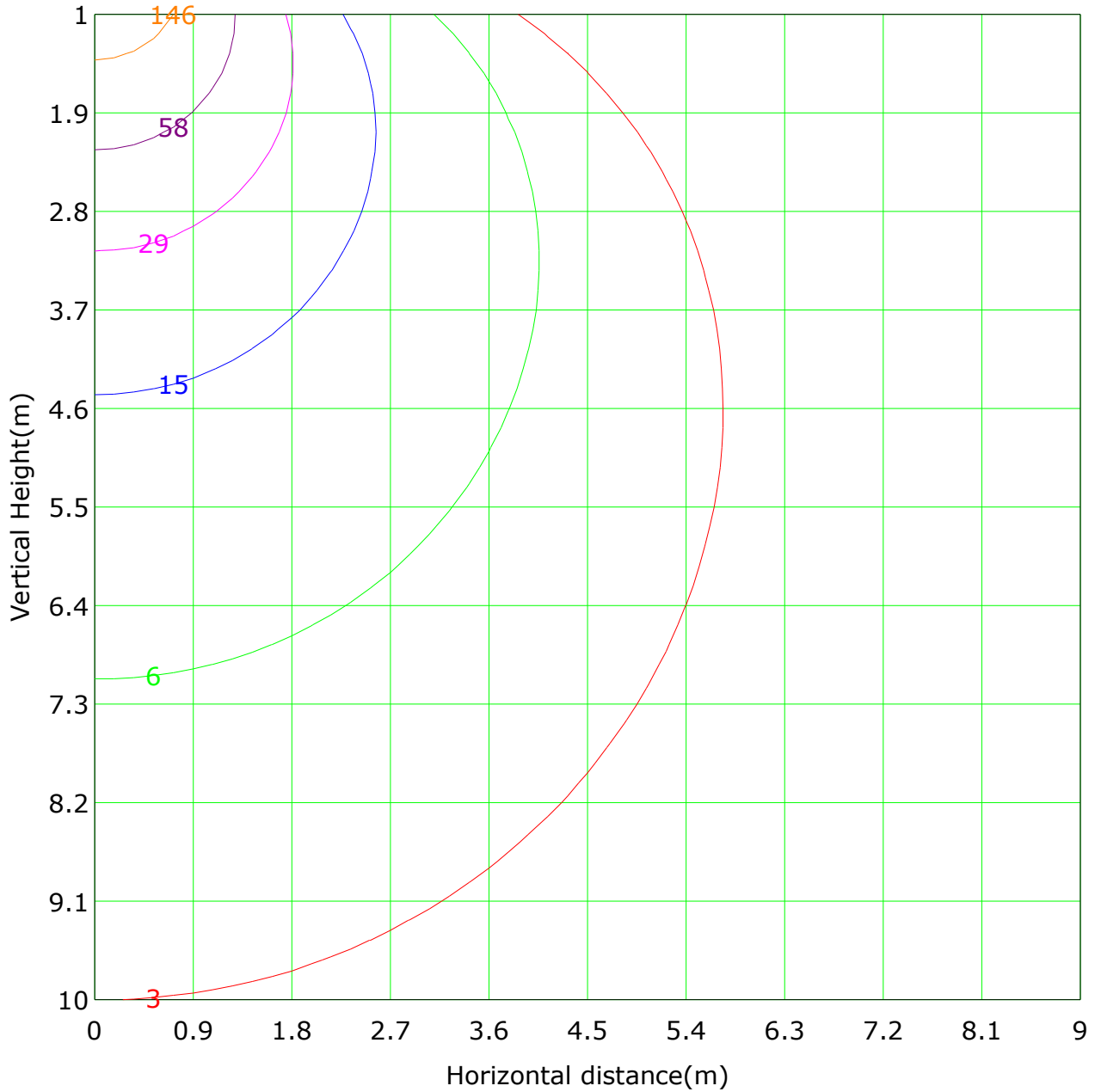
C Plane (°): 0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 8.038 m
Humidity:
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



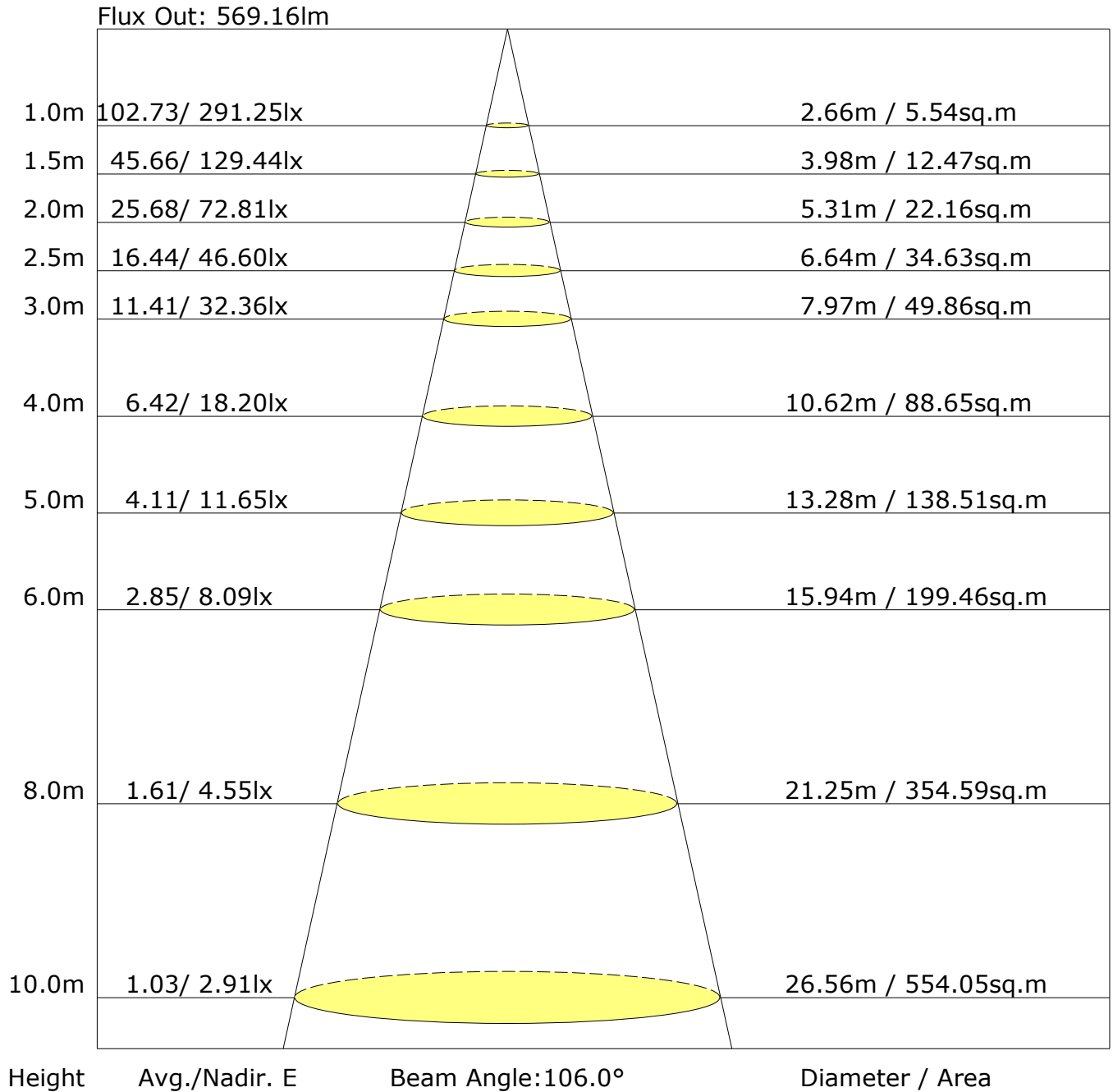
Lowest(m): 1.0m Highest(m): 10.0m Max Lux: 291.3 lx

— (1%): 2.9 lx	— (2%): 5.8 lx
— (5%): 14.6 lx	— (10%): 29.1 lx
— (20%): 58.3 lx	— (50%): 145.6 lx
— (100%): 291.3 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: 8.038 m
Humidity:
Inspector:

The Average Illuminance Effective Figure



UGR Table

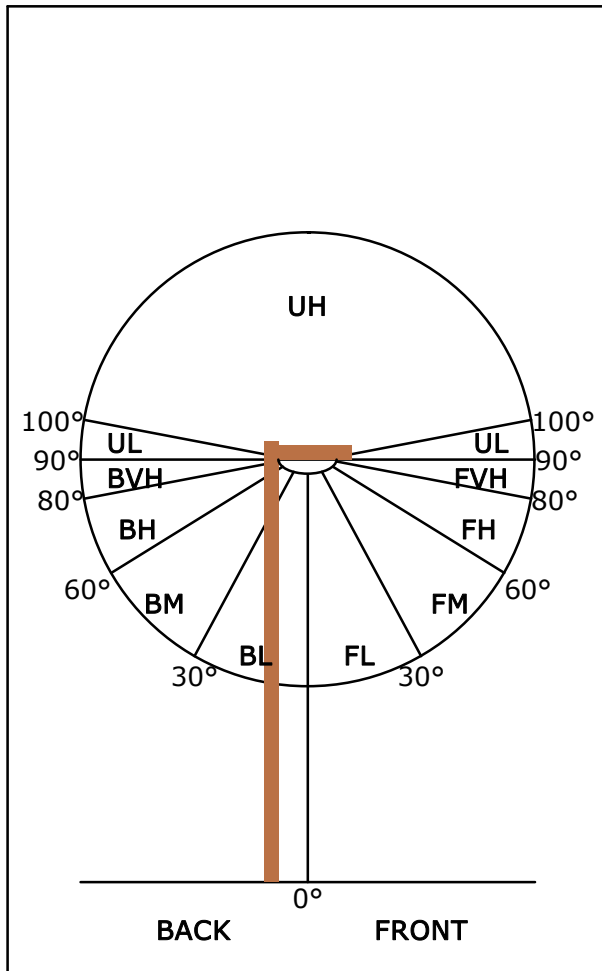
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	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: 8.038 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



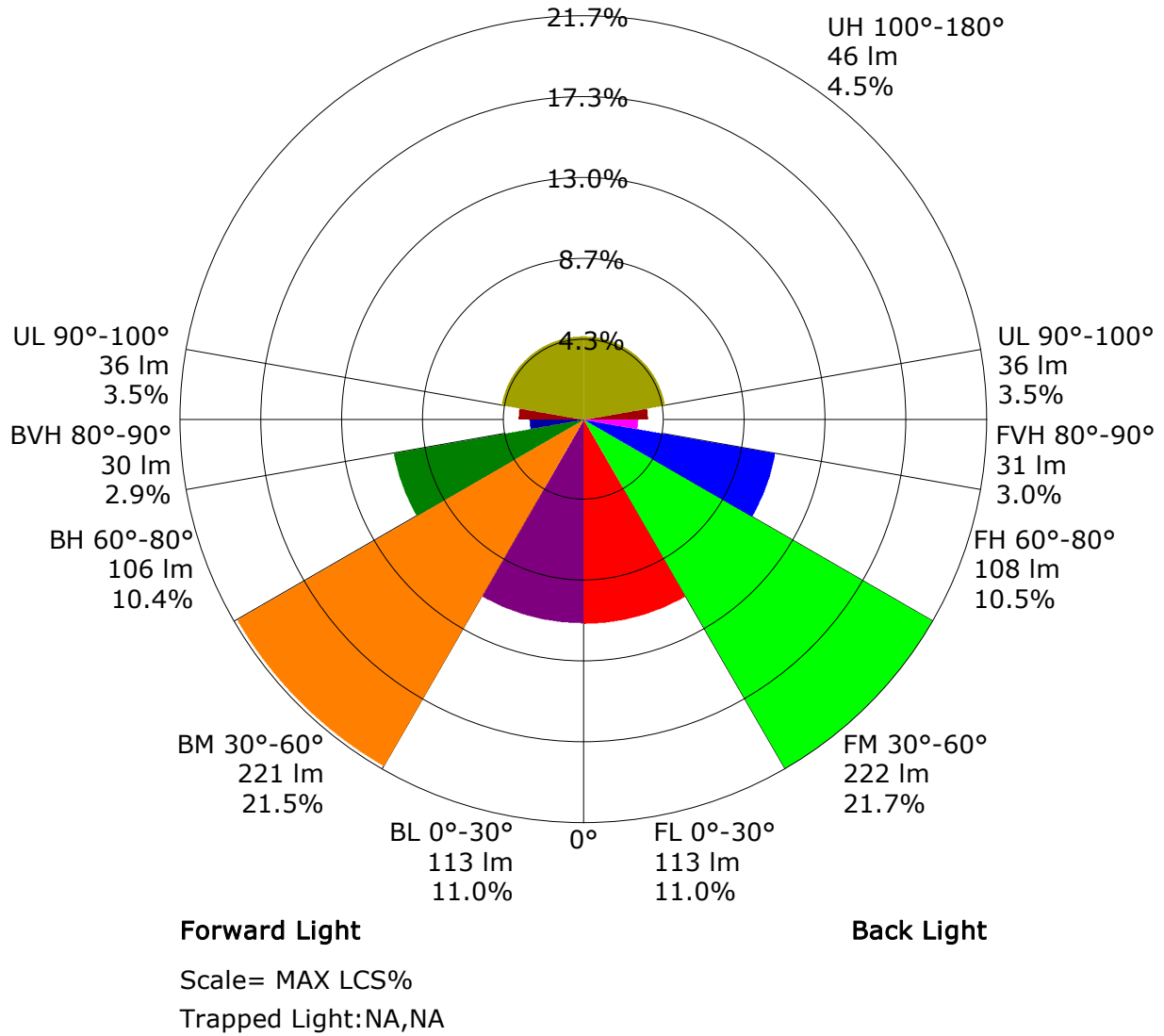
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	473	46.2
FL (0°-30°)	113	11.0
FM (30°-60°)	222	21.7
FH (60°-80°)	108	10.5
FVH (80°-90°)	31	3.0
BACK LIGHT	470	45.8
BL (0°-30°)	113	11.0
BM (30°-60°)	221	21.5
BH (60°-80°)	106	10.4
BVH (80°-90°)	30	2.9
UP LIGHT	82	8.0
UL (90°-100°)	36	3.5
UH (100°-180°)	46	4.5
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U2 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U2 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: 8.038 m
Humidity:
Inspector:

LCS Graph



Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.25									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.51	0.61	0.68	0.73	0.80	0.85	0.89	0.94	0.97	
	0.30		0.43	0.53	0.60	0.65	0.73	0.79	0.83	0.89	0.93	
	0.20		0.37	0.46	0.54	0.59	0.68	0.74	0.78	0.85	0.89	
0.50	0.50	0.20	0.49	0.58	0.64	0.69	0.76	0.81	0.84	0.89	0.92	
	0.30		0.41	0.51	0.57	0.63	0.70	0.75	0.79	0.84	0.88	
	0.20		0.36	0.45	0.52	0.57	0.65	0.71	0.75	0.81	0.85	
0.30	0.50	0.20	0.47	0.55	0.61	0.66	0.72	0.76	0.79	0.83	0.86	
	0.30		0.40	0.49	0.55	0.60	0.67	0.72	0.75	0.80	0.83	
	0.20		0.35	0.44	0.51	0.56	0.63	0.68	0.72	0.77	0.81	
0.00	0.00	0.00	0.32	0.41	0.47	0.51	0.58	0.63	0.66	0.71	0.74	
Rating:9W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.25									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	1.04	0.87	0.76	0.67	0.55	0.46	0.40	0.32	0.27	
	0.30		0.86	0.75	0.66	0.59	0.49	0.42	0.37	0.30	0.25	
	0.20		0.74	0.65	0.58	0.53	0.45	0.39	0.35	0.28	0.24	
0.50	0.50	0.20	0.99	0.83	0.72	0.63	0.52	0.46	0.38	0.30	0.25	
	0.30		0.83	0.72	0.63	0.57	0.47	0.40	0.35	0.29	0.24	
	0.20		0.72	0.63	0.57	0.51	0.43	0.38	0.33	0.27	0.23	
0.30	0.50	0.20	0.94	0.78	0.68	0.60	0.49	0.41	0.36	0.28	0.24	
	0.30		0.80	0.69	0.61	0.54	0.45	0.39	0.34	0.27	0.23	
	0.20		0.70	0.62	0.55	0.50	0.42	0.36	0.32	0.26	0.22	
0.00	0.00	0.00	0.60	0.52	0.46	0.41	0.34	0.29	0.26	0.21	0.18	
Rating: 9W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.25									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.24	0.26	0.26	0.27	0.28	0.28	0.29	0.29	0.30	
	0.30		0.17	0.19	0.20	0.21	0.22	0.24	0.24	0.26	0.26	
	0.20		0.12	0.13	0.15	0.16	0.18	0.19	0.21	0.22	0.23	
0.50	0.50	0.20	0.23	0.25	0.25	0.26	0.27	0.27	0.28	0.28	0.28	
	0.30		0.17	0.18	0.19	0.20	0.22	0.23	0.24	0.25	0.25	
	0.20		0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.22	0.23	
0.30	0.50	0.20	0.23	0.24	0.25	0.25	0.26	0.26	0.27	0.27	0.27	
	0.30		0.16	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.24	
	0.20		0.12	0.13	0.14	0.15	0.17	0.19	0.20	0.21	0.22	
0.00	0.00	0.00	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	
Rating:9W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	290.0	0.3	0.3	0.03	0.03
1.0-2.0	289.8	0.8	1.1	0.08	0.11
2.0-3.0	289.6	1.4	2.5	0.14	0.24
3.0-4.0	289.3	1.9	4.4	0.19	0.43
4.0-5.0	288.9	2.5	6.9	0.24	0.67
5.0-6.0	288.4	3.0	9.9	0.30	0.97
6.0-7.0	287.8	3.6	13.5	0.35	1.32
7.0-8.0	287.1	4.1	17.6	0.40	1.72
8.0-9.0	286.3	4.6	22.3	0.45	2.17
9.0-10.0	285.3	5.2	27.4	0.50	2.68
10.0-11.0	284.3	5.7	33.1	0.55	3.23
11.0-12.0	283.2	6.2	39.3	0.60	3.83
12.0-13.0	282.0	6.7	46.0	0.65	4.49
13.0-14.0	280.7	7.2	53.2	0.70	5.19
14.0-15.0	279.3	7.7	60.9	0.75	5.94
15.0-16.0	277.8	8.1	69.0	0.79	6.73
16.0-17.0	276.2	8.6	77.6	0.84	7.57
17.0-18.0	274.6	9.1	86.7	0.88	8.45
18.0-19.0	272.8	9.5	96.1	0.93	9.38
19.0-20.0	270.9	9.9	106.1	0.97	10.35
20.0-21.0	269.0	10.3	116.4	1.01	11.35
21.0-22.0	267.0	10.7	127.1	1.05	12.40
22.0-23.0	264.9	11.1	138.2	1.08	13.49
23.0-24.0	262.7	11.5	149.7	1.12	14.61
24.0-25.0	260.4	11.8	161.6	1.15	15.76
25.0-26.0	258.0	12.2	173.8	1.19	16.95
26.0-27.0	255.6	12.5	186.3	1.22	18.17
27.0-28.0	253.1	12.8	199.1	1.25	19.42
28.0-29.0	250.4	13.1	212.2	1.28	20.70
29.0-30.0	247.8	13.4	225.6	1.31	22.00
30.0-31.0	245.0	13.6	239.2	1.33	23.33
31.0-32.0	242.2	13.9	253.1	1.35	24.69
32.0-33.0	239.3	14.1	267.2	1.38	26.06
33.0-34.0	236.4	14.3	281.5	1.40	27.46
34.0-35.0	233.4	14.5	296.0	1.41	28.87
35.0-36.0	230.3	14.7	310.6	1.43	30.30

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: 8.038 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	227.1	14.8	325.5	1.45	31.75
37.0-38.0	224.0	15.0	340.4	1.46	33.21
38.0-39.0	220.7	15.1	355.5	1.47	34.68
39.0-40.0	217.5	15.2	370.6	1.48	36.16
40.0-41.0	214.1	15.3	385.9	1.49	37.64
41.0-42.0	210.7	15.3	401.2	1.49	39.14
42.0-43.0	207.3	15.4	416.6	1.50	40.63
43.0-44.0	203.8	15.4	432.0	1.50	42.14
44.0-45.0	200.3	15.4	447.3	1.50	43.64
45.0-46.0	196.7	15.4	462.7	1.50	45.14
46.0-47.0	193.2	15.4	478.1	1.50	46.64
47.0-48.0	189.6	15.3	493.4	1.50	48.13
48.0-49.0	185.9	15.3	508.7	1.49	49.62
49.0-50.0	182.2	15.2	523.9	1.48	51.10
50.0-51.0	178.5	15.1	539.0	1.47	52.58
51.0-52.0	174.8	15.0	554.0	1.46	54.04
52.0-53.0	171.0	14.9	568.9	1.45	55.49
53.0-54.0	167.3	14.7	583.6	1.44	56.93
54.0-55.0	163.5	14.6	598.2	1.42	58.35
55.0-56.0	159.6	14.4	612.6	1.41	59.76
56.0-57.0	155.9	14.3	626.9	1.39	61.15
57.0-58.0	152.0	14.1	640.9	1.37	62.52
58.0-59.0	148.2	13.9	654.8	1.35	63.87
59.0-60.0	144.4	13.6	668.4	1.33	65.20
60.0-61.0	140.5	13.4	681.9	1.31	66.51
61.0-62.0	136.7	13.2	695.0	1.28	67.80
62.0-63.0	132.9	12.9	708.0	1.26	69.06
63.0-64.0	129.1	12.7	720.6	1.24	70.29
64.0-65.0	125.2	12.4	733.0	1.21	71.50
65.0-66.0	121.5	12.1	745.1	1.18	72.69
66.0-67.0	117.7	11.8	757.0	1.15	73.84
67.0-68.0	113.9	11.5	768.5	1.13	74.97
68.0-69.0	110.2	11.2	779.8	1.10	76.06
69.0-70.0	106.5	10.9	790.7	1.07	77.13
70.0-71.0	102.8	10.6	801.3	1.04	78.17
71.0-72.0	99.2	10.3	811.7	1.01	79.17

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: 8.038 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	95.6	10.0	821.7	0.98	80.15
73.0-74.0	92.1	9.7	831.3	0.94	81.09
74.0-75.0	88.5	9.4	840.7	0.91	82.01
75.0-76.0	85.0	9.0	849.7	0.88	82.89
76.0-77.0	81.6	8.7	858.4	0.85	83.74
77.0-78.0	78.3	8.4	866.8	0.82	84.55
78.0-79.0	75.0	8.1	874.9	0.79	85.34
79.0-80.0	71.8	7.7	882.6	0.75	86.09
80.0-81.0	68.6	7.4	890.0	0.72	86.82
81.0-82.0	65.5	7.1	897.1	0.69	87.51
82.0-83.0	62.4	6.8	903.9	0.66	88.17
83.0-84.0	59.5	6.5	910.4	0.63	88.81
84.0-85.0	56.7	6.2	916.6	0.60	89.41
85.0-86.0	53.9	5.9	922.5	0.57	89.98
86.0-87.0	51.2	5.6	928.1	0.55	90.53
87.0-88.0	48.7	5.3	933.4	0.52	91.05
88.0-89.0	46.2	5.1	938.5	0.49	91.55
89.0-90.0	43.9	4.8	943.3	0.47	92.02
90.0-91.0	41.7	4.6	947.9	0.45	92.46
91.0-92.0	39.6	4.3	952.2	0.42	92.89
92.0-93.0	37.6	4.1	956.3	0.40	93.29
93.0-94.0	35.5	3.9	960.2	0.38	93.67
94.0-95.0	33.5	3.7	963.9	0.36	94.02
95.0-96.0	31.6	3.4	967.3	0.34	94.36
96.0-97.0	29.8	3.3	970.6	0.32	94.68
97.0-98.0	28.1	3.1	973.6	0.30	94.97
98.0-99.0	26.5	2.9	976.5	0.28	95.25
99.0-100.0	25.0	2.7	979.2	0.26	95.52
100.0-101.0	23.5	2.5	981.7	0.25	95.77
101.0-102.0	22.2	2.4	984.1	0.23	96.00
102.0-103.0	20.7	2.2	986.3	0.22	96.21
103.0-104.0	18.2	1.9	988.3	0.19	96.40
104.0-105.0	15.3	1.6	989.9	0.16	96.56
105.0-106.0	13.2	1.4	991.3	0.14	96.70
106.0-107.0	11.8	1.2	992.5	0.12	96.82
107.0-108.0	11.3	1.2	993.7	0.12	96.93

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: 8.038 m
Humidity:
Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	11.9	1.2	995.0	0.12	97.05
109.0-110.0	12.7	1.3	996.3	0.13	97.18
110.0-111.0	13.0	1.3	997.6	0.13	97.31
111.0-112.0	12.9	1.3	998.9	0.13	97.44
112.0-113.0	12.5	1.3	1000.2	0.12	97.56
113.0-114.0	12.1	1.2	1001.4	0.12	97.68
114.0-115.0	11.6	1.2	1002.5	0.11	97.79
115.0-116.0	11.1	1.1	1003.6	0.11	97.90
116.0-117.0	10.6	1.0	1004.7	0.10	98.00
117.0-118.0	10.2	1.0	1005.7	0.10	98.10
118.0-119.0	9.8	0.9	1006.6	0.09	98.19
119.0-120.0	9.5	0.9	1007.5	0.09	98.28
120.0-121.0	9.2	0.9	1008.4	0.08	98.37
121.0-122.0	8.8	0.8	1009.2	0.08	98.45
122.0-123.0	8.5	0.8	1010.0	0.08	98.52
123.0-124.0	8.3	0.8	1010.8	0.07	98.60
124.0-125.0	8.0	0.7	1011.5	0.07	98.67
125.0-126.0	7.7	0.7	1012.2	0.07	98.73
126.0-127.0	7.5	0.7	1012.8	0.06	98.80
127.0-128.0	7.3	0.6	1013.5	0.06	98.86
128.0-129.0	7.0	0.6	1014.1	0.06	98.92
129.0-130.0	6.8	0.6	1014.6	0.06	98.98
130.0-131.0	6.6	0.6	1015.2	0.05	99.03
131.0-132.0	6.4	0.5	1015.7	0.05	99.08
132.0-133.0	6.3	0.5	1016.2	0.05	99.13
133.0-134.0	6.1	0.5	1016.7	0.05	99.18
134.0-135.0	6.0	0.5	1017.2	0.05	99.22
135.0-136.0	5.8	0.4	1017.6	0.04	99.27
136.0-137.0	5.7	0.4	1018.1	0.04	99.31
137.0-138.0	5.6	0.4	1018.5	0.04	99.35
138.0-139.0	5.4	0.4	1018.9	0.04	99.39
139.0-140.0	5.2	0.4	1019.2	0.04	99.42
140.0-141.0	5.1	0.4	1019.6	0.04	99.46
141.0-142.0	5.1	0.3	1019.9	0.03	99.49
142.0-143.0	5.0	0.3	1020.3	0.03	99.52
143.0-144.0	4.8	0.3	1020.6	0.03	99.56

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: 8.038 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	4.7	0.3	1020.9	0.03	99.58
145.0-146.0	4.6	0.3	1021.2	0.03	99.61
146.0-147.0	4.5	0.3	1021.5	0.03	99.64
147.0-148.0	4.4	0.3	1021.7	0.03	99.66
148.0-149.0	4.3	0.2	1022.0	0.02	99.69
149.0-150.0	4.2	0.2	1022.2	0.02	99.71
150.0-151.0	4.2	0.2	1022.4	0.02	99.73
151.0-152.0	4.1	0.2	1022.6	0.02	99.75
152.0-153.0	4.0	0.2	1022.8	0.02	99.77
153.0-154.0	3.9	0.2	1023.0	0.02	99.79
154.0-155.0	3.9	0.2	1023.2	0.02	99.81
155.0-156.0	3.8	0.2	1023.4	0.02	99.83
156.0-157.0	3.7	0.2	1023.6	0.02	99.84
157.0-158.0	3.7	0.2	1023.7	0.01	99.86
158.0-159.0	3.6	0.1	1023.8	0.01	99.87
159.0-160.0	3.5	0.1	1024.0	0.01	99.89
160.0-161.0	3.5	0.1	1024.1	0.01	99.90
161.0-162.0	3.4	0.1	1024.2	0.01	99.91
162.0-163.0	3.3	0.1	1024.3	0.01	99.92
163.0-164.0	3.2	0.1	1024.4	0.01	99.93
164.0-165.0	3.2	0.1	1024.5	0.01	99.94
165.0-166.0	3.1	0.1	1024.6	0.01	99.95
166.0-167.0	3.0	0.1	1024.7	0.01	99.96
167.0-168.0	3.0	0.1	1024.8	0.01	99.96
168.0-169.0	3.0	0.1	1024.8	0.01	99.97
169.0-170.0	2.9	0.1	1024.9	0.01	99.97
170.0-171.0	2.9	0.1	1024.9	0.01	99.98
171.0-172.0	2.8	0.0	1025.0	0.00	99.98
172.0-173.0	2.8	0.0	1025.0	0.00	99.99
173.0-174.0	2.7	0.0	1025.1	0.00	99.99
174.0-175.0	2.7	0.0	1025.1	0.00	99.99
175.0-176.0	2.7	0.0	1025.1	0.00	100.00
176.0-177.0	2.6	0.0	1025.1	0.00	100.00
177.0-178.0	2.6	0.0	1025.1	0.00	100.00
178.0-179.0	2.6	0.0	1025.1	0.00	100.00
179.0-180.0	2.7	0.0	1025.2	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: 8.038 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	291.3	290.5	290.3	289.8	289.4	288.6	291.3	290.5	290.3	289.8
G1.0	291.6	289.8	289.4	288.7	288.4	287.9	291.0	290.9	291.3	290.9
G2.0	291.4	289.1	288.3	287.5	287.3	287.2	290.9	291.1	291.9	292.0
G3.0	291.0	288.5	286.9	286.0	286.0	286.5	290.4	291.2	292.8	292.9
G4.0	290.6	287.6	285.9	284.7	284.8	285.7	289.7	291.6	293.5	293.7
G5.0	290.3	286.4	284.6	283.3	283.5	284.4	289.0	291.4	293.9	294.5
G6.0	289.7	285.3	283.3	281.7	282.0	283.4	288.4	291.0	294.5	295.0
G7.0	288.9	284.3	281.5	280.2	280.6	282.3	287.4	290.8	294.8	295.5
G8.0	288.1	282.9	280.0	278.6	279.1	281.0	286.2	290.6	294.8	296.0
G9.0	287.1	281.3	278.4	276.9	277.4	279.6	285.0	290.0	294.8	296.4
G10.0	286.2	279.9	276.8	275.3	275.8	277.8	283.8	289.2	294.8	296.6
G11.0	284.9	278.3	274.9	273.5	274.0	276.2	282.3	288.5	294.8	296.9
G12.0	283.4	276.5	272.8	271.5	272.2	274.6	280.5	287.8	294.6	297.1
G13.0	282.1	274.7	270.9	269.7	270.4	272.8	278.9	286.8	294.1	297.0
G14.0	280.5	272.5	269.0	267.8	268.3	270.7	277.2	285.5	293.8	296.8
G15.0	278.9	270.5	266.9	265.8	266.3	268.8	275.4	284.3	293.2	296.7
G16.0	276.9	268.5	264.6	263.6	264.2	266.8	273.1	283.0	292.7	296.4
G17.0	275.0	266.2	262.5	261.6	262.0	264.7	271.1	281.5	291.8	296.2
G18.0	273.1	263.6	260.3	259.4	259.9	262.2	268.9	280.0	291.0	295.6
G19.0	271.0	261.2	257.8	257.3	257.6	259.9	266.7	278.2	290.1	294.9
G20.0	268.7	258.9	255.4	254.9	255.4	257.6	264.0	276.5	289.0	294.2
G21.0	266.4	256.3	253.1	252.7	253.1	255.1	261.5	274.6	287.9	293.5
G22.0	263.9	253.5	250.7	250.5	250.6	252.6	258.9	272.6	286.6	292.5
G23.0	261.3	250.7	248.2	248.1	248.3	249.7	256.3	270.4	285.3	291.5
G24.0	258.8	247.9	245.4	245.9	245.7	247.0	253.2	268.0	283.8	290.3
G25.0	255.8	245.0	242.8	243.2	243.3	244.3	250.3	265.8	282.1	289.0
G26.0	253.2	242.1	240.2	240.8	240.6	241.4	247.4	263.5	280.5	287.7
G27.0	250.3	239.0	237.4	238.4	237.9	238.6	244.4	261.0	278.6	286.1
G28.0	247.2	235.7	234.7	236.0	235.3	235.3	241.2	258.4	276.7	284.5
G29.0	243.9	232.5	231.8	233.3	232.6	232.4	237.8	255.6	274.7	282.9
G30.0	240.8	229.3	228.7	230.8	229.9	229.3	234.4	252.9	272.7	281.3
G31.0	237.4	226.1	225.9	228.2	227.1	226.1	231.1	250.0	270.3	279.1
G32.0	234.1	222.6	223.2	225.6	224.3	222.7	227.5	247.0	268.0	277.2
G33.0	230.9	219.2	220.1	223.0	221.5	219.4	224.0	244.1	265.5	275.1
G34.0	227.2	215.7	217.2	220.1	218.6	216.2	220.4	240.9	263.0	272.8
G35.0	223.7	212.3	214.2	217.4	215.8	212.9	216.8	237.8	260.4	270.6
G36.0	219.9	208.6	211.1	214.7	212.7	209.1	212.8	234.3	257.6	268.3

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: 8.038 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	216.3	205.0	208.1	212.0	209.9	205.8	209.1	231.0	254.9	265.9
G38.0	212.7	201.5	204.9	209.0	206.9	202.4	205.2	227.6	252.1	263.4
G39.0	208.7	197.7	201.9	206.2	203.9	198.9	201.4	224.2	249.0	260.6
G40.0	204.8	194.0	198.6	203.4	200.8	195.4	197.2	220.8	246.1	258.0
G41.0	200.9	190.1	195.4	200.6	197.7	191.6	193.3	217.1	243.1	255.4
G42.0	197.0	186.4	192.2	197.8	194.7	188.0	189.4	213.4	239.9	252.3
G43.0	192.8	182.5	189.0	194.6	191.8	184.4	185.3	209.7	236.8	249.5
G44.0	188.8	178.7	185.9	191.7	188.7	180.9	180.9	205.8	233.5	246.6
G45.0	184.8	174.9	182.6	188.8	185.4	177.2	176.7	201.9	229.9	243.4
G46.0	180.4	171.0	179.3	186.0	182.3	173.3	172.6	198.1	226.5	240.6
G47.0	176.3	167.1	176.1	183.0	179.1	169.7	168.0	193.9	223.2	237.5
G48.0	172.1	163.2	172.9	180.1	176.0	166.0	163.8	189.9	219.8	234.3
G49.0	167.6	159.0	169.5	176.8	172.8	162.3	159.4	185.9	216.3	230.7
G50.0	163.3	155.2	166.3	173.9	169.7	158.5	155.1	181.9	212.6	227.4
G51.0	158.9	151.3	163.0	170.8	166.5	154.7	150.5	177.5	209.0	224.1
G52.0	154.5	147.4	159.8	167.8	163.1	151.0	146.1	173.5	205.5	220.8
G53.0	149.9	143.4	156.3	164.9	160.0	147.0	141.7	169.4	201.9	217.1
G54.0	145.4	139.6	153.1	161.9	156.9	143.3	137.4	165.4	198.1	213.8
G55.0	140.9	135.4	149.9	158.6	153.7	139.6	132.5	160.8	194.4	210.3
G56.0	136.5	131.5	146.7	155.6	150.6	136.0	128.0	156.6	190.7	206.5
G57.0	131.9	127.6	143.2	152.5	147.2	132.3	123.6	152.5	186.7	203.1
G58.0	127.2	123.7	140.0	149.6	144.1	128.3	118.8	148.0	183.0	199.5
G59.0	122.7	119.9	136.8	146.5	140.9	124.7	114.3	143.9	179.3	196.0
G60.0	118.1	116.1	133.6	143.2	137.8	121.0	109.7	139.6	175.6	192.1
G61.0	113.3	111.8	130.4	140.1	134.6	117.4	104.8	135.1	171.6	188.5
G62.0	108.7	108.1	127.2	137.1	131.2	113.8	100.3	130.9	167.8	184.8
G63.0	103.9	104.3	123.7	134.0	128.1	110.3	95.6	126.8	164.2	181.2
G64.0	99.3	100.6	120.6	131.0	125.0	106.3	91.1	122.6	160.1	177.3
G65.0	94.6	97.0	117.4	127.6	121.9	102.9	86.3	118.2	156.4	173.7
G66.0	90.0	92.9	114.3	124.5	118.8	99.4	81.8	114.1	152.8	170.1
G67.0	85.4	89.3	110.9	121.5	115.4	96.0	77.2	110.0	148.8	166.3
G68.0	80.5	85.7	107.8	118.6	112.3	92.2	72.4	105.7	145.2	162.7
G69.0	76.0	82.2	104.7	115.5	109.3	88.9	68.0	101.7	141.4	159.2
G70.0	71.3	78.7	101.6	112.3	106.2	85.5	63.4	97.6	137.8	155.3
G71.0	66.8	74.9	98.6	109.4	103.3	82.2	59.0	93.7	133.9	151.8
G72.0	62.2	71.5	95.6	106.4	100.3	78.9	54.3	89.6	130.2	148.3
G73.0	57.8	68.1	92.4	103.5	97.0	75.7	50.0	85.8	126.8	144.8

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: 8.038 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	53.0	64.8	89.5	100.6	94.1	72.2	45.7	82.0	123.3	141.3
G75.0	48.6	61.5	86.6	97.8	91.2	69.0	41.4	78.2	119.6	137.5
G76.0	44.2	58.1	83.7	94.8	88.4	65.9	37.0	74.4	116.2	134.1
G77.0	40.1	55.0	80.9	92.0	85.6	62.9	33.1	70.8	112.8	130.7
G78.0	35.6	51.9	77.9	89.2	82.6	59.6	29.1	67.2	109.4	127.4
G79.0	31.6	49.0	75.2	86.5	79.8	56.7	25.4	63.9	105.9	123.7
G80.0	27.7	46.1	72.5	83.9	77.1	53.9	21.6	60.4	102.6	120.4
G81.0	23.8	43.0	69.8	81.0	74.4	51.2	18.1	57.1	99.1	116.8
G82.0	20.3	40.3	67.3	78.3	71.6	48.4	14.9	53.9	95.8	113.6
G83.0	16.6	37.7	64.4	75.7	68.9	45.8	11.8	50.7	92.8	110.4
G84.0	13.4	35.1	61.8	73.1	66.3	42.9	9.0	47.8	89.7	107.1
G85.0	10.4	32.6	59.2	70.5	63.8	40.4	6.5	44.8	86.5	103.9
G86.0	7.8	30.2	56.9	68.0	61.3	37.9	4.5	42.0	83.2	100.4
G87.0	5.5	27.7	54.4	65.3	58.8	35.5	2.6	39.2	80.2	97.3
G88.0	3.6	25.5	51.8	62.9	56.2	33.3	0.9	36.6	77.2	94.3
G89.0	1.8	23.5	49.5	60.5	53.8	30.8	0.0	33.9	74.1	91.0
G90.0	0.7	21.4	47.2	58.2	51.5	28.6	0.0	31.4	71.1	87.9
G91.0	0.1	19.2	45.0	55.6	49.2	26.5	0.0	29.0	68.2	84.9
G92.0	0.0	17.2	42.8	53.3	46.9	24.5	0.0	26.6	65.3	81.8
G93.0	0.0	14.9	40.4	51.1	44.4	22.5	0.0	24.3	62.6	78.8
G94.0	0.0	11.9	38.2	48.9	42.2	20.4	0.0	22.2	59.8	75.9
G95.0	0.0	9.2	36.1	46.7	40.0	18.5	0.0	20.1	56.9	72.9
G96.0	0.0	7.9	33.9	44.4	37.9	16.7	0.0	18.3	54.3	70.1
G97.0	0.0	7.3	31.8	42.3	35.8	15.0	0.0	16.6	51.7	67.3
G98.0	0.0	6.2	29.6	39.9	33.8	13.3	0.0	15.2	49.1	64.6
G99.0	0.0	6.1	27.3	37.8	31.7	11.8	0.0	14.0	46.7	61.8
G100.0	0.0	5.8	24.7	35.9	29.5	10.3	0.0	13.5	44.1	59.1
G101.0	0.0	5.6	22.4	33.9	27.6	8.9	0.1	13.0	41.8	56.7
G102.0	0.0	5.3	20.6	31.9	25.8	8.1	0.1	12.2	39.2	54.2
G103.0	0.0	5.0	19.0	29.8	23.9	7.7	0.1	11.2	33.3	51.6
G104.0	0.0	4.6	13.4	27.8	21.9	6.9	0.3	9.6	20.1	49.1
G105.0	0.0	3.8	9.1	26.1	16.7	5.7	0.3	7.9	17.0	46.2
G106.0	0.0	3.2	7.9	23.9	10.5	4.7	0.3	6.7	16.1	42.1
G107.0	0.0	2.7	8.1	20.2	9.1	3.9	0.5	6.1	16.0	38.4
G108.0	0.1	2.5	8.4	18.4	8.4	3.5	0.6	6.1	20.0	37.3
G109.0	0.2	2.5	10.0	17.5	8.0	3.5	0.6	6.6	28.1	36.3
G110.0	0.1	2.5	12.6	16.7	7.8	3.7	0.6	7.1	27.0	35.4

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: 8.038 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	0.1	2.6	12.4	16.0	11.8	3.7	0.7	7.7	25.5	34.5
G112.0	0.1	2.6	11.8	15.4	12.3	3.8	0.8	8.0	23.9	33.7
G113.0	0.3	2.7	11.1	14.8	11.6	4.0	0.8	8.1	22.6	32.8
G114.0	0.4	2.7	10.3	14.3	10.8	4.0	1.0	8.2	21.2	31.9
G115.0	0.3	2.4	9.7	13.9	10.1	3.4	1.1	8.0	20.0	31.0
G116.0	0.3	2.3	9.2	13.4	9.5	3.4	1.0	7.6	19.0	30.2
G117.0	0.4	2.2	8.7	12.4	9.1	3.3	1.2	7.4	18.1	29.3
G118.0	0.6	2.2	8.3	11.7	8.6	3.3	1.3	7.3	17.2	28.5
G119.0	0.7	2.1	7.7	11.9	8.0	3.2	1.3	6.8	16.7	27.7
G120.0	0.6	2.0	7.2	12.1	7.7	3.0	1.3	6.5	16.3	27.0
G121.0	0.6	1.9	6.8	11.6	7.4	2.8	1.4	6.2	15.8	26.2
G122.0	0.6	1.8	6.4	11.2	7.2	2.6	1.6	6.0	15.2	25.3
G123.0	0.7	1.8	6.3	10.8	7.0	2.5	1.6	5.6	14.8	24.5
G124.0	0.9	1.9	6.1	10.2	6.7	2.4	1.5	5.4	14.5	23.9
G125.0	0.9	1.8	5.8	9.8	6.2	2.3	1.6	5.3	14.1	23.0
G126.0	0.8	1.8	5.6	9.5	5.6	2.2	1.9	5.0	13.5	22.3
G127.0	1.0	2.0	5.4	9.0	5.5	2.2	1.7	4.6	13.3	21.7
G128.0	1.0	2.1	5.2	8.6	5.2	2.2	1.8	4.4	12.9	21.1
G129.0	0.9	1.9	4.9	8.3	5.3	2.2	2.0	3.9	12.4	20.3
G130.0	1.0	2.0	4.7	8.0	5.1	2.2	2.1	3.6	12.1	19.9
G131.0	1.0	2.0	4.5	7.6	5.0	2.2	2.0	3.7	11.9	19.3
G132.0	1.2	2.0	4.4	7.1	4.8	2.2	2.2	3.8	11.4	18.5
G133.0	1.3	2.2	4.2	6.8	4.6	2.3	2.2	3.8	11.1	18.0
G134.0	1.3	2.2	3.9	6.5	4.3	2.4	2.3	3.7	10.7	17.4
G135.0	1.4	2.3	3.8	6.2	4.1	2.4	2.2	3.8	10.6	17.0
G136.0	1.3	2.2	3.7	6.1	4.1	2.3	2.4	3.9	10.3	16.3
G137.0	1.4	2.4	3.5	5.8	3.9	2.4	2.3	3.9	9.9	15.8
G138.0	1.7	2.4	3.4	5.4	3.8	2.4	2.2	3.8	9.7	15.4
G139.0	1.6	2.3	3.3	5.3	3.5	2.4	2.3	3.9	9.3	14.7
G140.0	1.7	2.3	3.1	5.1	3.3	2.4	2.3	4.0	9.0	14.2
G141.0	1.9	2.4	3.1	4.7	3.4	2.4	2.2	3.9	8.9	13.8
G142.0	2.1	2.5	3.0	4.5	3.2	2.5	2.1	3.9	8.7	13.4
G143.0	2.1	2.5	2.9	4.3	3.2	2.4	2.3	4.0	8.4	12.7
G144.0	2.2	2.6	2.8	4.1	2.8	2.4	2.3	4.1	8.1	12.3
G145.0	2.2	2.5	2.7	4.0	2.8	2.4	2.1	4.1	8.1	12.0
G146.0	2.2	2.5	2.7	3.9	2.9	2.3	2.1	4.1	7.8	11.6
G147.0	2.4	2.6	2.6	3.6	2.8	2.2	2.2	4.1	7.6	11.0

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: 8.038 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	2.5	2.7	2.5	3.4	2.7	2.2	2.1	4.2	7.4	10.6
G149.0	2.3	2.6	2.5	3.3	2.5	2.2	2.0	4.2	7.3	10.3
G150.0	2.4	2.7	2.4	3.3	2.4	2.2	2.3	4.2	7.0	9.8
G151.0	2.4	2.7	2.4	3.2	2.5	2.1	2.1	4.3	6.9	9.6
G152.0	2.6	2.8	2.4	3.0	2.4	2.1	2.1	4.3	6.7	9.2
G153.0	2.5	2.8	2.3	2.9	2.2	2.1	2.2	4.2	6.6	8.9
G154.0	2.5	2.9	2.3	2.8	2.2	2.1	2.3	4.2	6.3	8.3
G155.0	2.6	2.9	2.3	2.8	2.3	2.1	2.4	4.1	6.1	8.1
G156.0	2.8	3.0	2.2	2.6	2.2	2.1	2.3	4.2	5.9	7.8
G157.0	2.8	3.0	2.2	2.5	2.2	2.1	2.3	4.2	5.8	7.6
G158.0	2.7	3.0	2.2	2.6	1.9	2.1	2.3	4.1	5.7	7.3
G159.0	2.7	3.1	2.2	2.5	1.9	2.1	2.5	4.0	5.5	6.8
G160.0	2.8	3.1	2.2	2.5	2.1	2.1	2.4	4.1	5.3	6.6
G161.0	2.8	3.0	2.2	2.3	2.1	2.1	2.4	4.0	5.2	6.4
G162.0	2.7	3.0	2.3	2.4	2.0	2.1	2.4	4.0	4.9	6.0
G163.0	2.7	3.0	2.3	2.4	1.9	2.1	2.5	3.8	4.8	5.8
G164.0	2.8	2.9	2.2	2.2	2.1	2.1	2.4	3.9	4.7	5.6
G165.0	2.6	3.0	2.3	2.3	1.9	2.1	2.6	3.7	4.5	5.3
G166.0	2.6	2.8	2.2	2.3	2.0	2.0	2.4	3.6	4.4	5.1
G167.0	2.7	2.6	2.2	2.2	2.1	2.1	2.6	3.6	4.3	4.9
G168.0	2.7	2.5	2.2	2.2	2.1	2.1	2.6	3.6	4.2	4.7
G169.0	2.6	2.4	2.2	2.2	1.9	2.0	2.5	3.7	4.0	4.5
G170.0	2.5	2.2	2.2	2.2	1.9	2.0	2.6	3.7	4.0	4.3
G171.0	2.6	2.2	2.1	2.1	2.1	1.9	2.6	3.5	3.8	4.2
G172.0	2.6	2.2	2.1	2.1	2.1	1.9	2.6	3.5	3.7	3.9
G173.0	2.4	2.2	2.0	2.2	2.1	2.0	2.5	3.6	3.6	3.8
G174.0	2.5	2.2	2.0	2.1	2.1	2.0	2.6	3.5	3.6	3.6
G175.0	2.4	2.3	2.1	2.2	1.9	2.0	2.6	3.4	3.3	3.6
G176.0	2.4	2.5	2.1	2.3	1.9	2.1	2.7	3.2	3.3	3.4
G177.0	2.5	2.4	2.1	2.2	2.2	2.1	2.6	3.2	3.2	3.1
G178.0	2.4	2.7	2.2	2.4	2.1	2.3	2.6	3.1	2.9	3.0
G179.0	2.6	2.7	2.5	2.5	2.4	2.5	2.5	2.8	2.7	2.9
G180.0	2.7	2.9	2.6	2.8	2.5	2.5	2.5	2.8	2.7	2.8

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: 8.038 m
Humidity:
Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	289.4	288.6	291.3							
G1.0	290.3	289.0	291.6							
G2.0	291.1	289.3	291.4							
G3.0	291.9	289.5	291.0							
G4.0	292.5	289.8	290.6							
G5.0	293.1	289.7	290.3							
G6.0	293.5	289.4	289.7							
G7.0	293.8	289.3	288.9							
G8.0	294.2	289.1	288.1							
G9.0	294.2	288.8	287.1							
G10.0	294.2	288.0	286.2							
G11.0	294.1	287.3	284.9							
G12.0	294.0	286.6	283.4							
G13.0	293.8	285.6	282.1							
G14.0	293.5	284.5	280.5							
G15.0	293.0	283.3	278.9							
G16.0	292.4	282.1	276.9							
G17.0	291.7	280.9	275.0							
G18.0	291.1	279.4	273.1							
G19.0	290.2	277.6	271.0							
G20.0	289.2	276.0	268.7							
G21.0	288.1	274.3	266.4							
G22.0	286.9	272.4	263.9							
G23.0	285.5	270.1	261.3							
G24.0	284.2	268.2	258.8							
G25.0	282.7	266.0	255.8							
G26.0	281.1	263.7	253.2							
G27.0	279.2	261.1	250.3							
G28.0	277.5	258.8	247.2							
G29.0	275.5	256.3	243.9							
G30.0	273.5	253.4	240.8							
G31.0	271.3	250.7	237.4							
G32.0	269.0	248.0	234.1							
G33.0	266.8	245.0	230.9							
G34.0	264.4	242.1	227.2							
G35.0	261.8	239.1	223.7							
G36.0	259.2	235.8	219.9							

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: 8.038 m
Humidity:
Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	256.5	232.7	216.3							
G38.0	253.9	229.2	212.7							
G39.0	250.9	225.9	208.7							
G40.0	248.1	222.5	204.8							
G41.0	245.1	219.0	200.9							
G42.0	242.2	215.3	197.0							
G43.0	238.9	211.5	192.8							
G44.0	235.7	208.0	188.8							
G45.0	232.3	204.1	184.8							
G46.0	229.2	200.4	180.4							
G47.0	226.0	196.5	176.3							
G48.0	222.6	192.6	172.1							
G49.0	219.2	188.6	167.6							
G50.0	215.5	184.7	163.3							
G51.0	212.1	180.6	158.9							
G52.0	208.5	176.8	154.5							
G53.0	205.2	172.6	149.9							
G54.0	201.3	168.7	145.4							
G55.0	197.6	164.5	140.9							
G56.0	194.1	160.4	136.5							
G57.0	190.2	156.4	131.9							
G58.0	186.5	152.2	127.2							
G59.0	183.0	148.2	122.7							
G60.0	179.3	144.0	118.1							
G61.0	175.4	140.1	113.3							
G62.0	171.7	135.9	108.7							
G63.0	168.0	131.9	103.9							
G64.0	164.0	127.8	99.3							
G65.0	160.4	123.7	94.6							
G66.0	156.8	119.8	90.0							
G67.0	153.2	115.9	85.4							
G68.0	149.3	111.8	80.5							
G69.0	145.7	108.0	76.0							
G70.0	142.1	104.2	71.3							
G71.0	138.3	100.4	66.8							
G72.0	134.8	96.7	62.2							
G73.0	131.3	92.8	57.8							

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: 8.038 m
Humidity:
Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	127.9	89.2	53.0							
G75.0	124.2	85.6	48.6							
G76.0	120.8	81.9	44.2							
G77.0	117.4	78.5	40.1							
G78.0	114.1	75.2	35.6							
G79.0	110.6	71.9	31.6							
G80.0	107.4	68.6	27.7							
G81.0	104.2	65.4	23.8							
G82.0	100.7	62.4	20.3							
G83.0	97.6	59.2	16.6							
G84.0	94.5	56.3	13.4							
G85.0	91.3	53.4	10.4							
G86.0	87.9	50.6	7.8							
G87.0	84.9	47.6	5.5							
G88.0	82.0	45.0	3.6							
G89.0	78.7	42.4	1.8							
G90.0	75.9	39.6	0.7							
G91.0	73.0	37.1	0.1							
G92.0	69.9	34.7	0.0							
G93.0	67.2	32.2	0.0							
G94.0	64.4	30.0	0.0							
G95.0	61.4	27.9	0.0							
G96.0	58.8	25.9	0.0							
G97.0	56.3	23.7	0.0							
G98.0	53.7	21.9	0.0							
G99.0	51.3	20.4	0.0							
G100.0	48.6	18.9	0.0							
G101.0	46.3	18.1	0.0							
G102.0	44.0	17.5	0.0							
G103.0	40.2	16.5	0.0							
G104.0	30.0	14.4	0.0							
G105.0	23.0	12.5	0.0							
G106.0	21.5	10.9	0.0							
G107.0	20.7	9.7	0.0							
G108.0	20.7	9.5	0.1							
G109.0	25.7	10.2	0.2							
G110.0	31.0	10.8	0.1							

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: 8.038 m
Humidity:
Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G111.0	29.8	11.2	0.1							
G112.0	28.5	11.6	0.1							
G113.0	26.8	11.9	0.3							
G114.0	25.6	11.6	0.4							
G115.0	24.3	11.3	0.3							
G116.0	22.9	11.1	0.3							
G117.0	21.7	10.8	0.4							
G118.0	20.8	10.3	0.6							
G119.0	19.7	10.1	0.7							
G120.0	18.7	9.8	0.6							
G121.0	17.9	9.3	0.6							
G122.0	17.3	9.0	0.6							
G123.0	16.8	8.6	0.7							
G124.0	16.2	8.3	0.9							
G125.0	15.7	7.8	0.9							
G126.0	15.4	7.4	0.8							
G127.0	14.8	7.2	1.0							
G128.0	14.4	6.8	1.0							
G129.0	14.1	6.5	0.9							
G130.0	13.7	6.3	1.0							
G131.0	13.2	6.0	1.0							
G132.0	12.9	5.6	1.2							
G133.0	12.6	5.4	1.3							
G134.0	12.2	5.3	1.3							
G135.0	11.8	5.0	1.4							
G136.0	11.5	4.9	1.3							
G137.0	11.2	4.8	1.4							
G138.0	10.8	4.9	1.7							
G139.0	10.5	4.7	1.6							
G140.0	10.2	4.6	1.7							
G141.0	9.9	4.7	1.9							
G142.0	9.6	4.7	2.1							
G143.0	9.4	4.6	2.1							
G144.0	9.2	4.4	2.2							
G145.0	8.9	4.3	2.2							
G146.0	8.6	4.2	2.2							
G147.0	8.4	4.1	2.4							

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: 8.038 m
Humidity:
Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G148.0	8.2	4.0	2.5							
G149.0	8.0	4.1	2.3							
G150.0	7.7	4.0	2.4							
G151.0	7.5	4.0	2.4							
G152.0	7.2	4.0	2.6							
G153.0	7.0	3.9	2.5							
G154.0	6.8	3.8	2.5							
G155.0	6.6	3.8	2.6							
G156.0	6.4	3.8	2.8							
G157.0	6.2	3.7	2.8							
G158.0	6.0	3.6	2.7							
G159.0	5.8	3.6	2.7							
G160.0	5.5	3.6	2.8							
G161.0	5.2	3.5	2.8							
G162.0	4.7	3.5	2.7							
G163.0	4.3	3.5	2.7							
G164.0	4.2	3.5	2.8							
G165.0	3.9	3.4	2.6							
G166.0	3.8	3.5	2.6							
G167.0	3.7	3.4	2.7							
G168.0	3.8	3.4	2.7							
G169.0	3.5	3.4	2.6							
G170.0	3.4	3.4	2.5							
G171.0	3.3	3.5	2.6							
G172.0	3.3	3.4	2.6							
G173.0	3.4	3.3	2.4							
G174.0	3.3	3.3	2.5							
G175.0	3.3	3.2	2.4							
G176.0	3.0	3.1	2.4							
G177.0	2.9	3.0	2.5							
G178.0	2.9	2.9	2.4							
G179.0	2.8	2.7	2.6							
G180.0	2.5	2.7	2.7							

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: 8.038 m
Humidity:
Inspector: