Report No.: Test Time: 2024/3/21 星期四 23:22

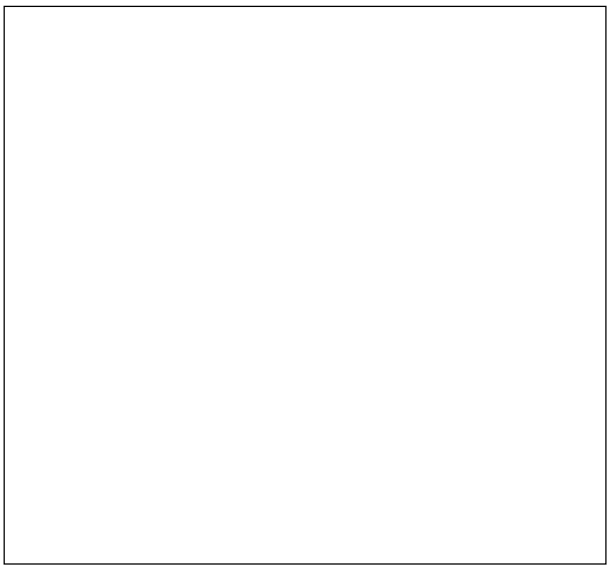
Luminaire Property

Luminaire Manufacturer:
Number of Lamps: 1
Lumens per Lamp: 10317.2 lm
Luminous Length (mm): 0 mm
Luminous Width (mm): 0 mm
Luminous Height (mm): 0 mm
Voltage: 120.0 V
Current: 0.658 A
Power: 79.98 W
Power Factor: 0.994

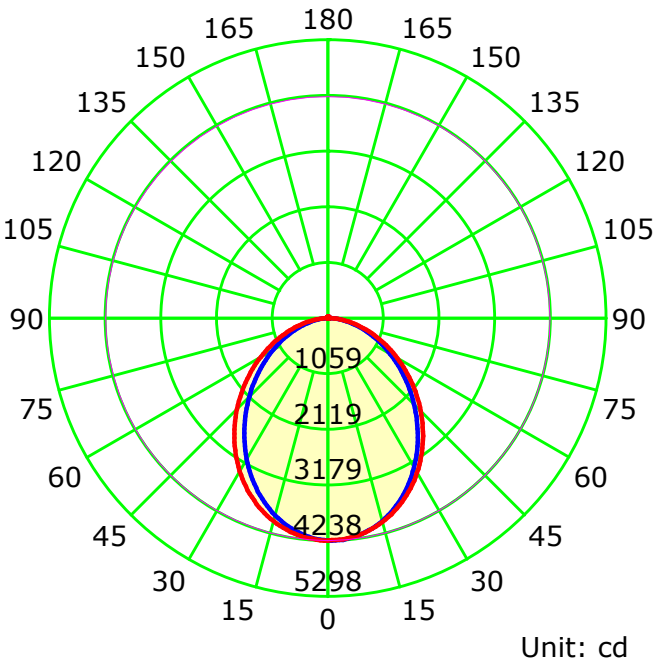
Photometric Results

CIE Class: Direct
Total Rated Lamp Lumens: 10317.2 lm
Measurement Flux: 10317.2 lm
Efficiency: 100.00%
Downward Ratio: 99.15%
Upward Ratio: 0.85%
Horizontal Diffuse Angle(10%,50%): H154.1,H93.1
Vertical Diffuse Angle(10%,50%): V158.5,V100.9
Luminaire Efficacy Rating (LER): 129.05
Central Intensity: 4235.1 cd
Max. Intensity: 4238.8 cd
Pos of Max. Intensity: H67.5 V2
S/MH(C0/C180): 1.13
S/MH(C90/C270): 1.19

Picture Of Luminaire



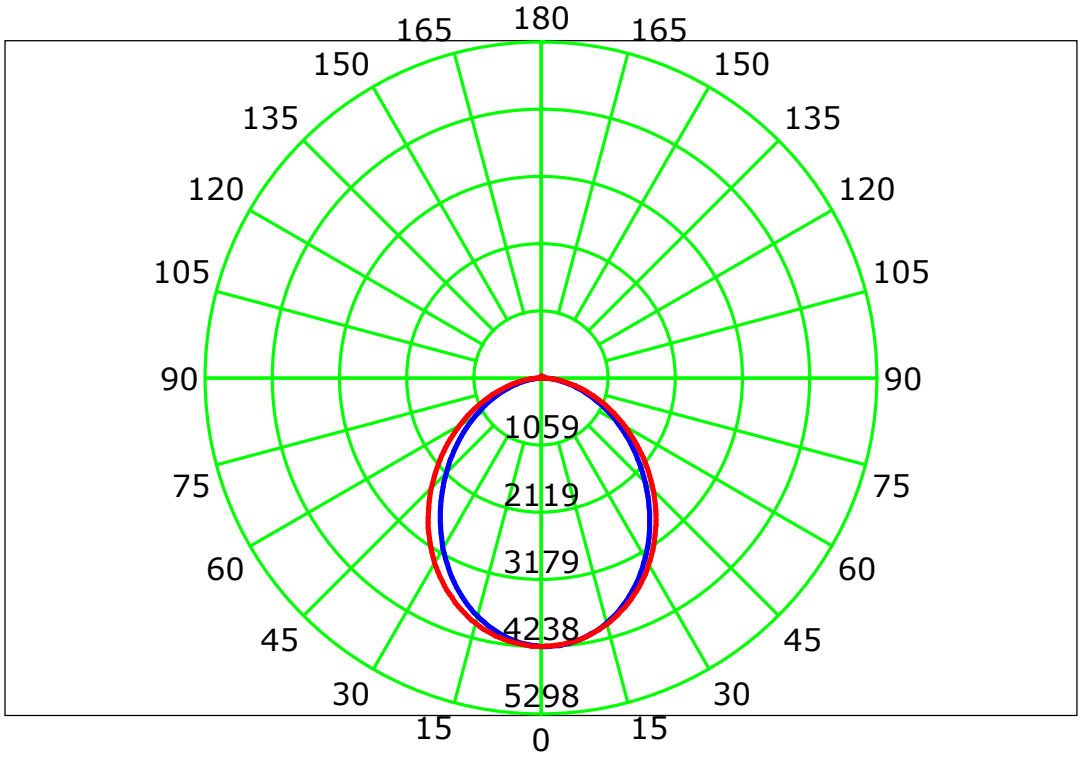
Luminous Intensity Distribution Curve

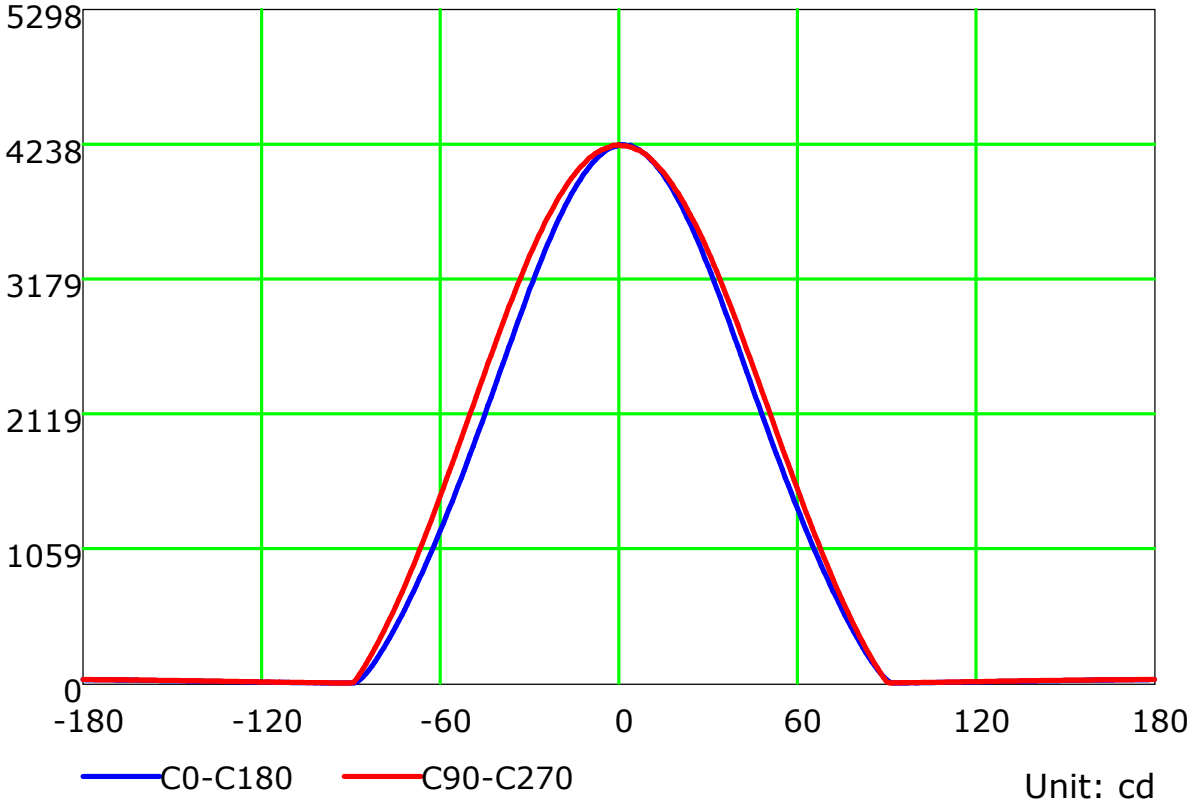


Unit: cd
Average Diffuse Angle(50%): 97.0°
C0-C180 C90-C270 G2

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab:
Test Device: GPM-1800B
Test Type: TYPE C
Distance: 8.190 m
Temperature:
Humidity:
Operator:
Inspector:

Luminous Intensity Distribution Curve

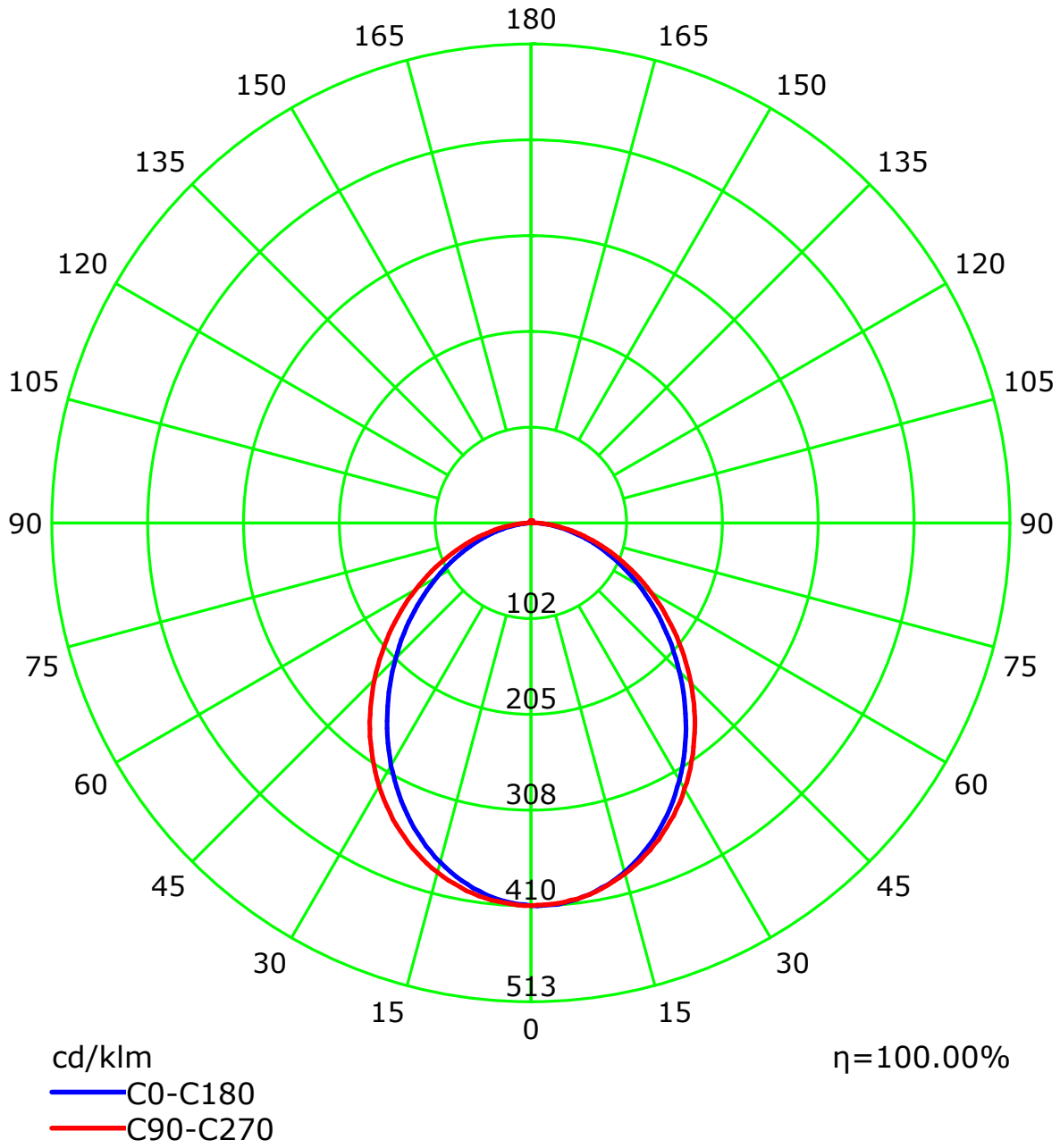




C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

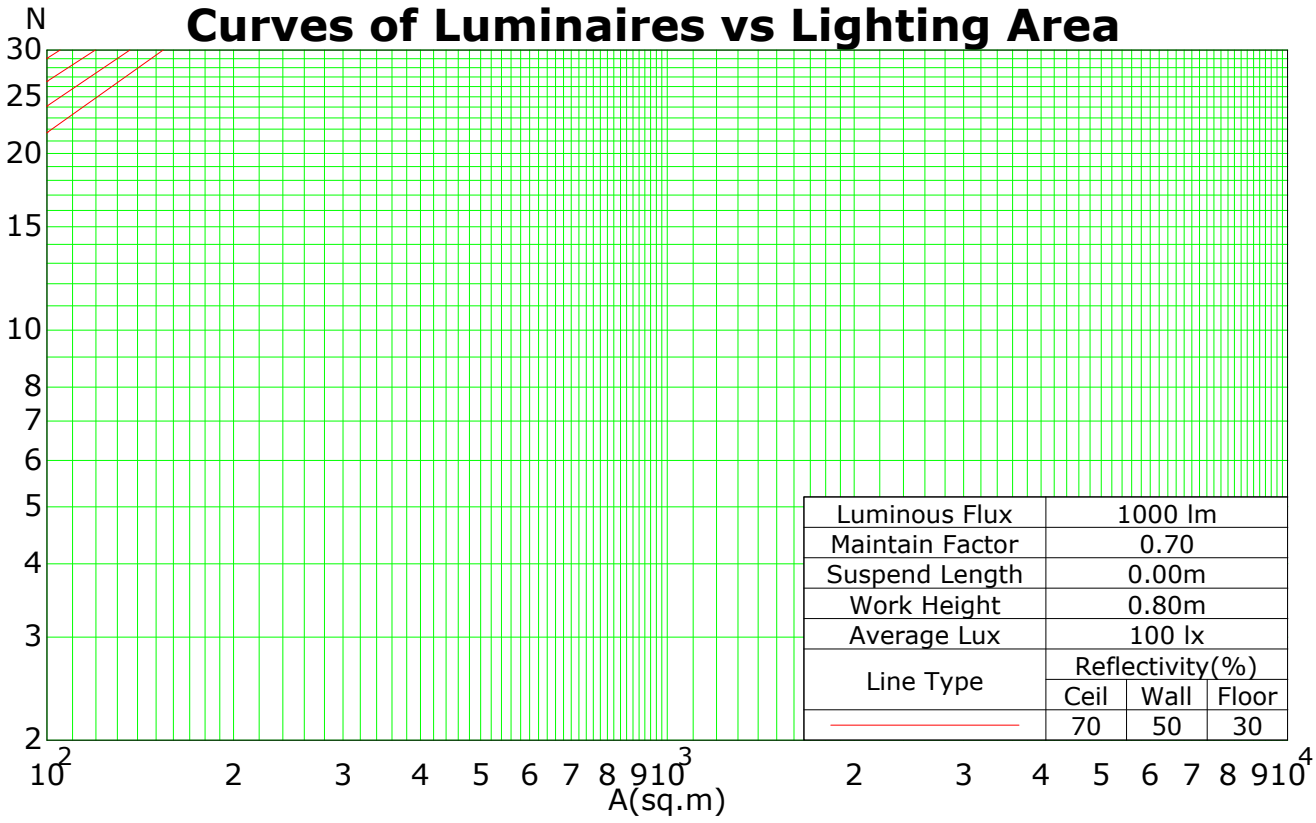
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	109	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	76	73	71
3	91	81	73	67	89	79	72	66	76	70	65	73	68	64	71	66	63	60
4	84	72	64	57	81	71	63	57	68	61	56	66	60	55	64	58	54	52
5	77	65	56	50	75	64	55	49	61	54	49	59	53	48	57	52	48	45
6	72	59	50	44	70	58	49	43	56	48	43	54	47	42	52	47	42	40
7	66	53	45	39	65	52	44	39	51	44	38	49	43	38	48	42	38	36
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32
9	58	45	37	31	57	44	37	31	43	36	31	42	36	31	41	35	31	29
10	54	41	34	29	53	41	34	28	40	33	28	39	33	28	38	32	28	26

Spacing Criteria (0-180): 1.13
Spacing Criteria (90-270): 1.19
Spacing Criteria (Diagonal): 1.26

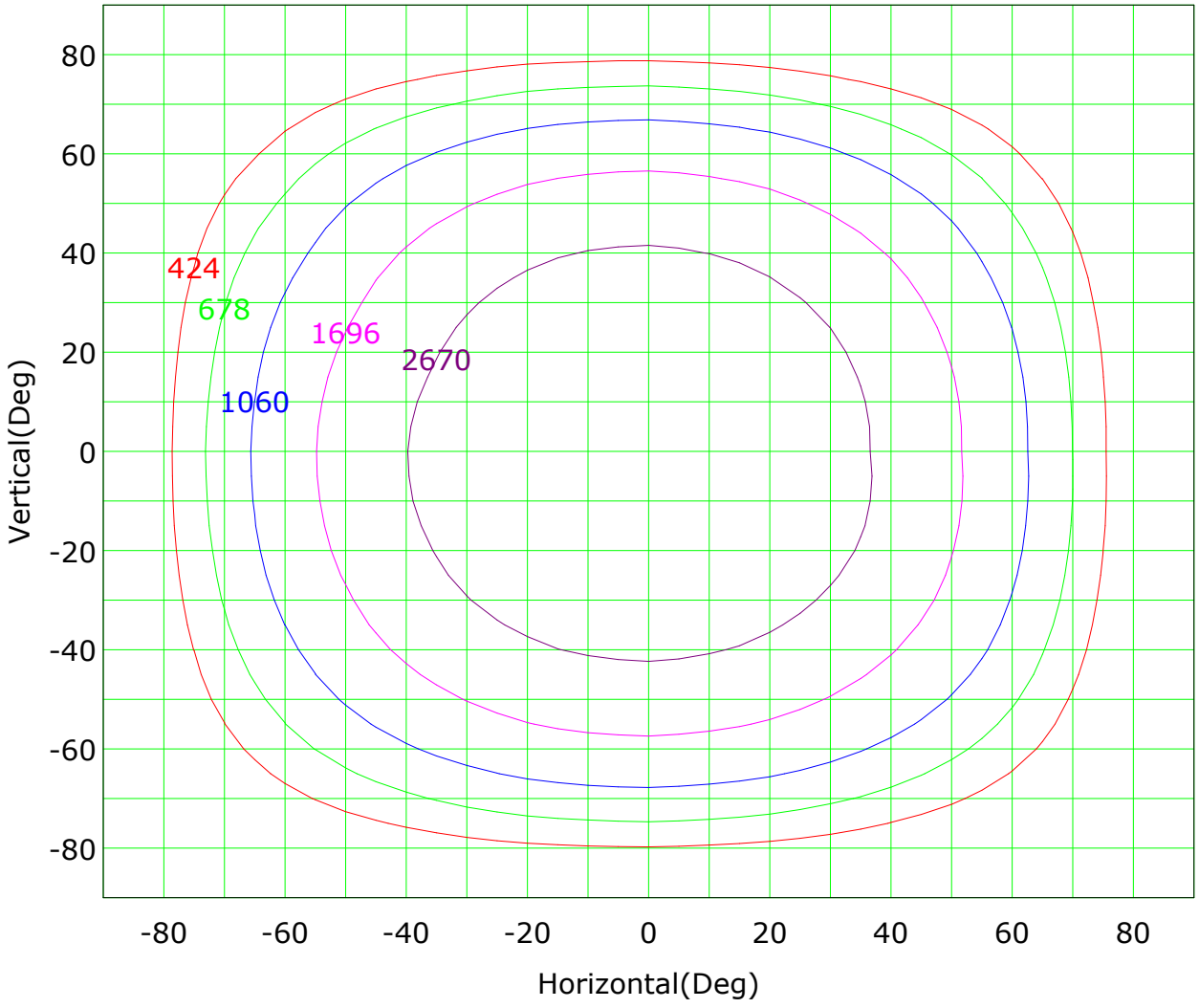
Curves of Luminaires vs Lighting Area



C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Isocandela (rectangle)

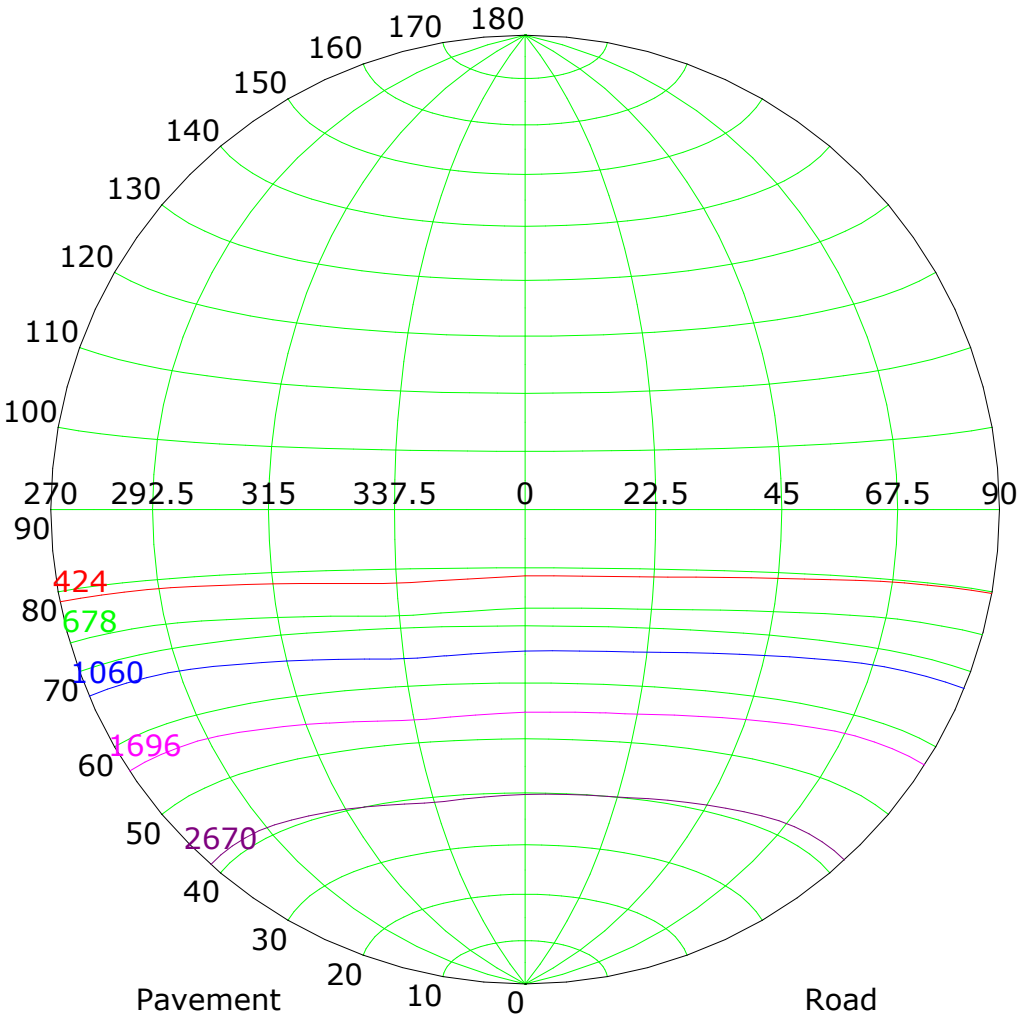


Imax (100%): 4239 cd

(10%): 424 cd
(16%): 678 cd
(25%): 1060 cd
(40%): 1696 cd
(63%): 2670 cd
(100%): 4239 cd

C Plane (°):0.0-360.0: 22.5
Gamma Plane (°):0.0-180.0:1.0
Test Lab:
Test Device: GPM-1800B
Test Type: TYPE C
Distance: 8.190 m
Temperature:
Humidity:
Operator:
Inspector:

Isocandela (sphere)



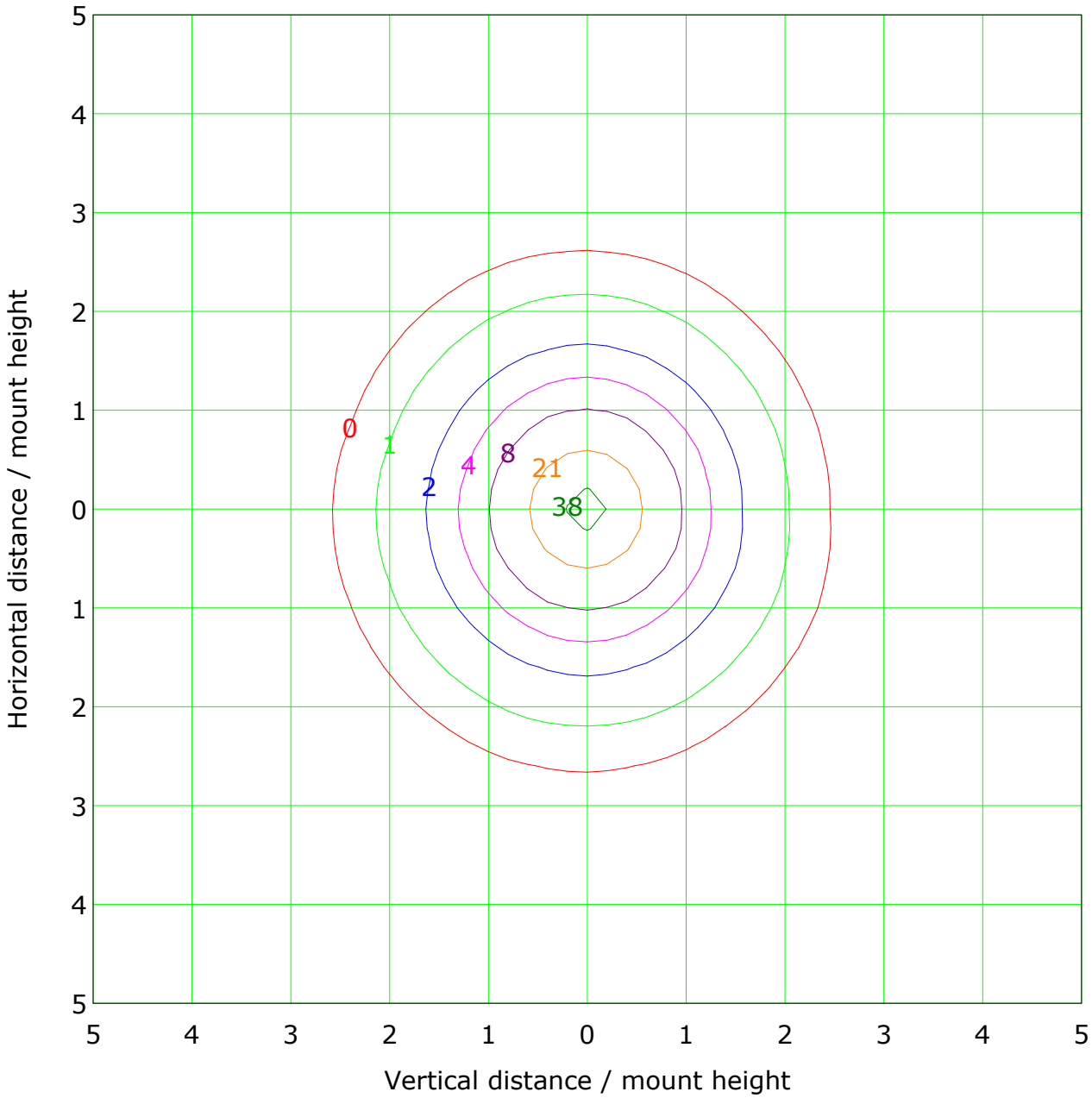
Imax (100%): 4239 cd

(10%): 424 cd	(16%): 678 cd
(25%): 1060 cd	(40%): 1696 cd
(63%): 2670 cd	(100%): 4239 cd

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

IsoLux Plot



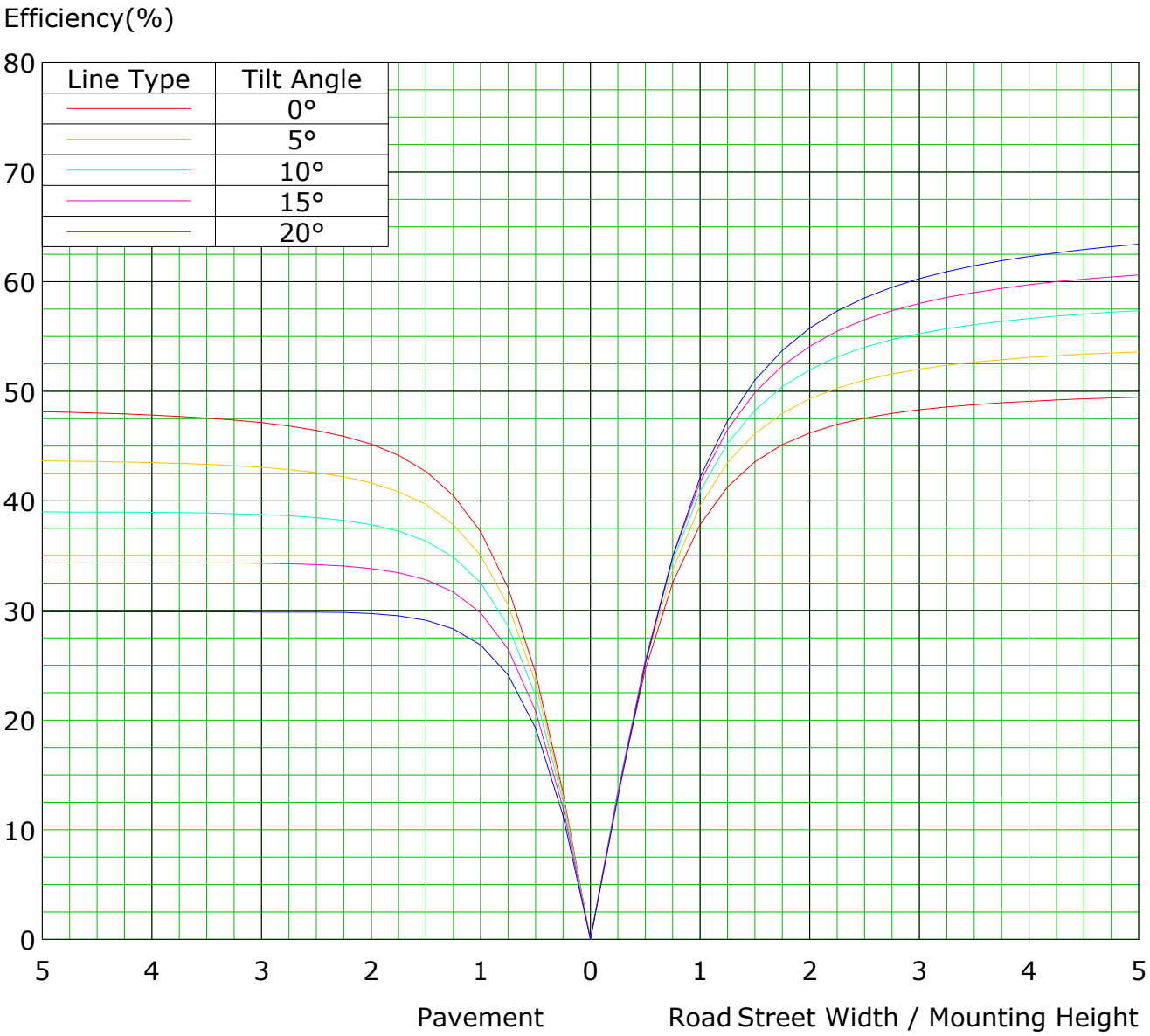
Mounting Height: 10.0m Max Lux(100%): 42.4 lx

(1%): 0.4 lx	(2%): 0.8 lx
(5%): 2.1 lx	(10%): 4.2 lx
(20%): 8.5 lx	(50%): 21.2 lx
(90%): 38.1 lx	(100%): 42.4 lx

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Roadway CU Curve

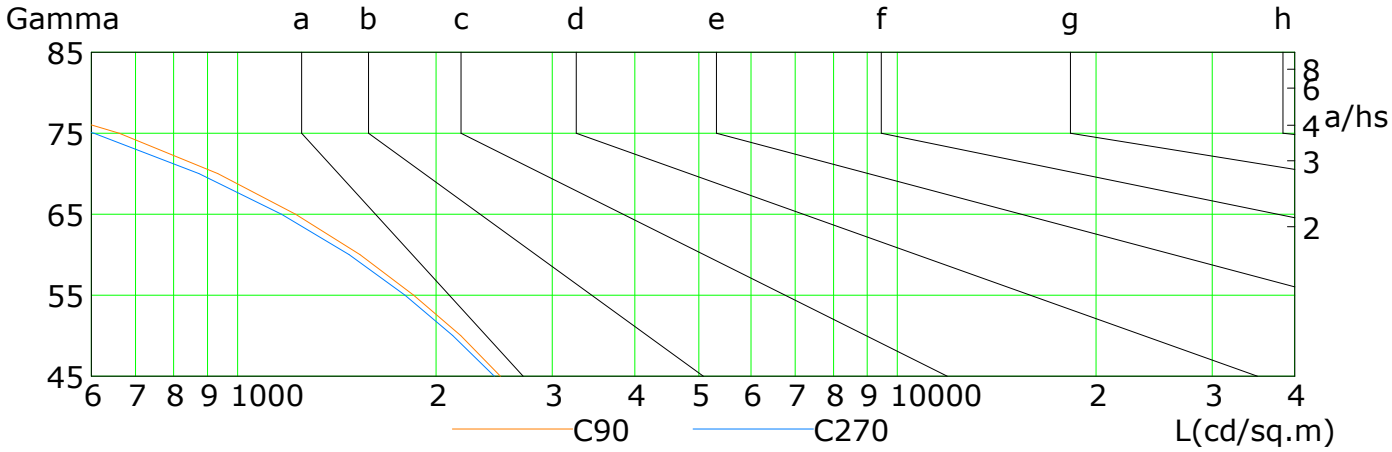


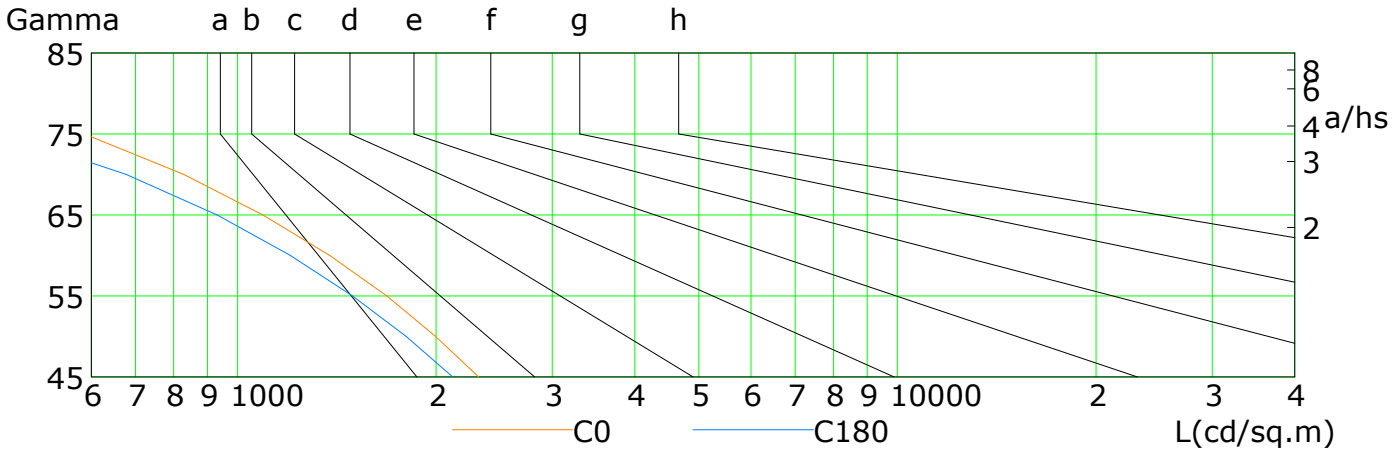
C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 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



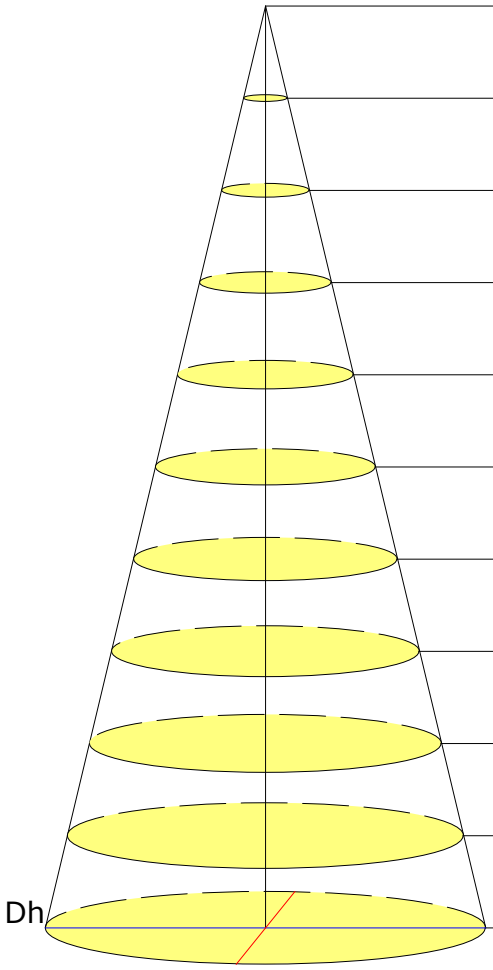


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2320	1996	1682	1378	1092	828	585	363	173
C90	2503	2178	1849	1532	1224	934	661	414	198
C180	2119	1801	1494	1201	931	677	446	243	77
C270	2448	2120	1794	1475	1166	874	606	364	153

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Illuminance at a Distance(Beam Angle)



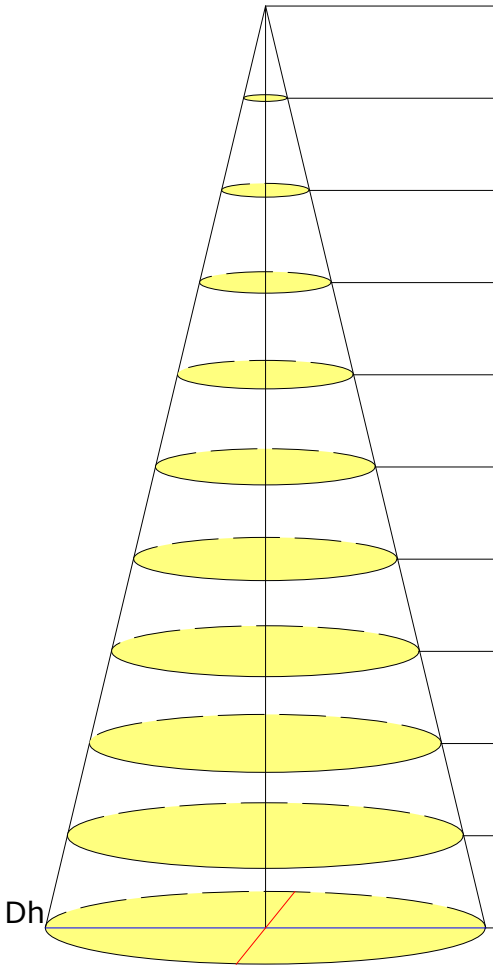
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	4235.10	2.11/2.42	4.0	951.46
2.0	1058.78	4.22/4.85	16.2	237.86
3.0	470.57	6.33/7.27	36.4	105.72
4.0	264.69	8.44/9.70	64.7	59.47
5.0	169.40	10.55/12.12	101.1	38.06
6.0	117.64	12.66/14.54	145.6	26.43
7.0	86.43	14.77/16.97	198.2	19.42
8.0	66.17	16.89/19.39	258.9	14.87
9.0	52.29	19.00/21.82	327.7	11.75
10.0	42.35	21.11/24.24	404.5	9.51

Beam Angle(B): H93.1 V100.9 Field Angle(F): H154.1 V158.5

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Illuminance at a Distance(Field Angle)



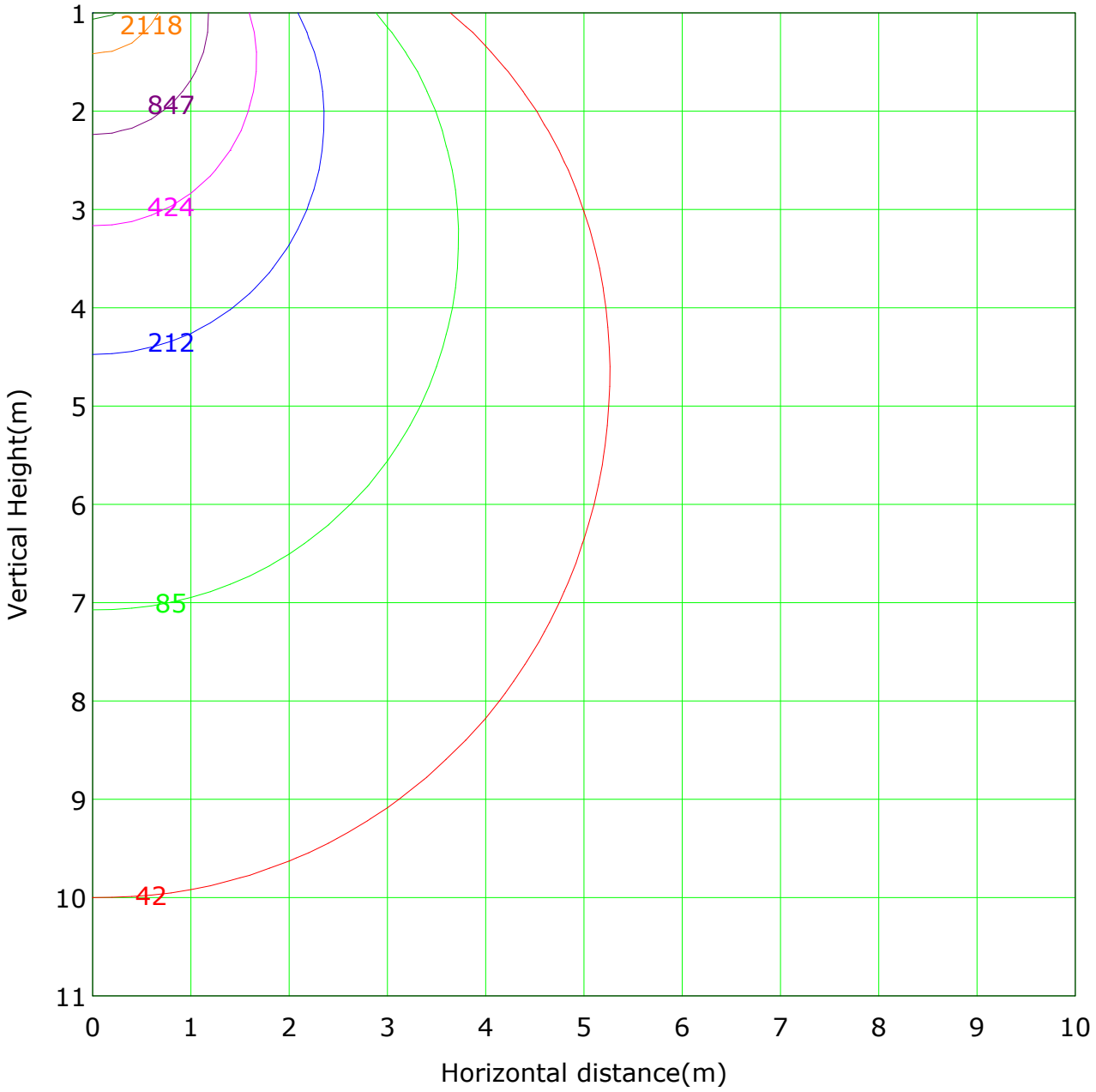
Dist(m)	Enadir(lx)	Dh/Dv_F(m)	S_F(sq.m)	Eav_F(lx)
1.0	4235.10	8.70/10.55	73.1	32.35
2.0	1058.78	17.41/21.10	292.4	8.09
3.0	470.57	26.11/31.66	658.0	3.59
4.0	264.69	34.81/42.21	1169.7	2.02
5.0	169.40	43.52/52.76	1827.7	1.29
6.0	117.64	52.22/63.31	2631.9	0.90
7.0	86.43	60.92/73.87	3582.3	0.66
8.0	66.17	69.63/84.42	4679.0	0.51
9.0	52.29	78.33/94.97	5921.8	0.40
10.0	42.35	87.03/105.52	7310.9	0.32

Beam Angle(B): H93.1 V100.9 Field Angle(F): H154.1 V158.5

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 4235.1 lx

(1%): 42.4 lx	(2%): 84.7 lx
(5%): 211.8 lx	(10%): 423.5 lx
(20%): 847.0 lx	(50%):2117.6 lx
(90%):3811.6 lx	(100%):4235.1 lx

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Area Flux Table

Unit: lm

Vertical plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
-90	0.0	0.1	0.3	0.7	1.4	2.3	3.2	4.1	4.7	4.8	4.5	3.9	3.0	2.1	1.3	0.6	0.3	0.1	37.5	0.0	
-80	0.0	0.4	1.7	3.8	6.7	10.2	13.7	16.4	18.1	18.4	17.1	14.6	11.3	7.9	4.7	2.3	0.9	0.2	148.5	102.8	
-70	0.1	1.0	3.5	7.8	13.4	19.9	26.4	31.6	34.8	35.1	32.6	27.7	21.3	14.8	8.9	4.3	1.6	0.2	285.1	271.0	
-60	0.1	1.6	5.5	12.0	20.6	30.5	40.5	48.7	53.5	53.9	49.8	42.1	32.2	22.2	13.2	6.5	2.3	0.3	435.6	428.0	
-50	0.2	2.3	7.5	16.1	27.7	41.2	54.9	66.3	73.0	73.5	67.7	56.8	43.3	29.5	17.5	8.6	3.0	0.4	589.4	584.6	
-40	0.3	2.8	9.2	19.8	34.3	51.2	68.5	83.2	91.7	92.3	84.8	70.8	53.6	36.2	21.4	10.5	3.6	0.5	734.9	731.4	
-30	0.3	3.3	10.7	23.0	39.7	59.7	80.3	97.6	107.8	108.4	99.3	82.7	62.2	41.9	24.9	12.2	4.2	0.6	858.7	855.9	
-20	0.3	3.6	11.7	25.2	43.7	65.8	88.8	108.1	119.5	120.1	109.9	91.3	68.8	46.6	27.6	13.4	4.5	0.6	949.5	947.0	
-10	0.3	3.7	12.2	26.2	45.6	69.0	93.1	113.5	125.5	126.2	115.6	96.7	73.2	49.5	29.2	14.2	4.8	0.6	999.1	996.8	
0	0.4	3.7	12.3	26.4	46.0	69.6	94.0	114.3	125.9	126.5	116.4	97.5	73.8	49.9	29.4	14.2	4.8	0.6	1005.7	1003.7	
10	0.3	3.7	12.0	25.8	44.9	67.6	90.7	109.5	120.2	120.7	110.9	92.9	70.3	47.6	28.2	13.7	4.6	0.6	964.4	961.8	
20	0.3	3.4	11.1	24.0	41.4	61.8	82.3	99.3	108.9	109.4	100.5	84.2	63.9	43.4	25.8	12.6	4.3	0.6	877.3	874.6	
30	0.3	3.0	9.9	21.1	36.0	53.3	70.6	85.1	93.3	93.6	86.1	72.2	55.1	37.6	22.5	11.1	3.8	0.5	755.1	751.8	
40	0.2	2.5	8.2	17.4	29.4	43.2	56.9	68.3	74.8	75.1	69.2	58.3	44.6	30.8	18.5	9.2	3.2	0.4	610.3	606.0	
50	0.2	1.9	6.3	13.2	22.2	32.4	42.5	50.7	55.4	55.6	51.4	43.5	33.6	23.3	14.2	7.1	2.5	0.4	456.3	449.9	
60	0.1	1.2	4.2	8.9	14.9	21.7	28.3	33.6	36.7	36.9	34.1	29.1	22.6	15.8	9.7	4.9	1.8	0.3	304.9	293.1	
70	0.0	0.6	2.3	4.8	8.0	11.7	15.4	18.2	19.9	20.0	18.5	15.9	12.4	8.8	5.5	2.9	1.1	0.2	166.2	128.5	
80	0.0	0.2	0.6	1.3	2.2	3.3	4.4	5.4	6.0	6.1	5.6	4.9	3.9	2.8	1.8	1.1	0.5	0.1	50.3	0.0	
90																					
Flux(T)	3.5	39.0	129.1	277.5	478.4	714.4	954.5	1153.8	1269.6	1276.7	1174.3	985.1	749.1	510.8	304.5	149.4	51.7	7.2	10229		
Flux(E)	0.0	17.9	113.3	263.0	464.5	701.0	941.3	1140.8	1257.1	1264.6	1161.0	972.2	735.7	496.9	290.3	134.4	33.1	0.0		9987	

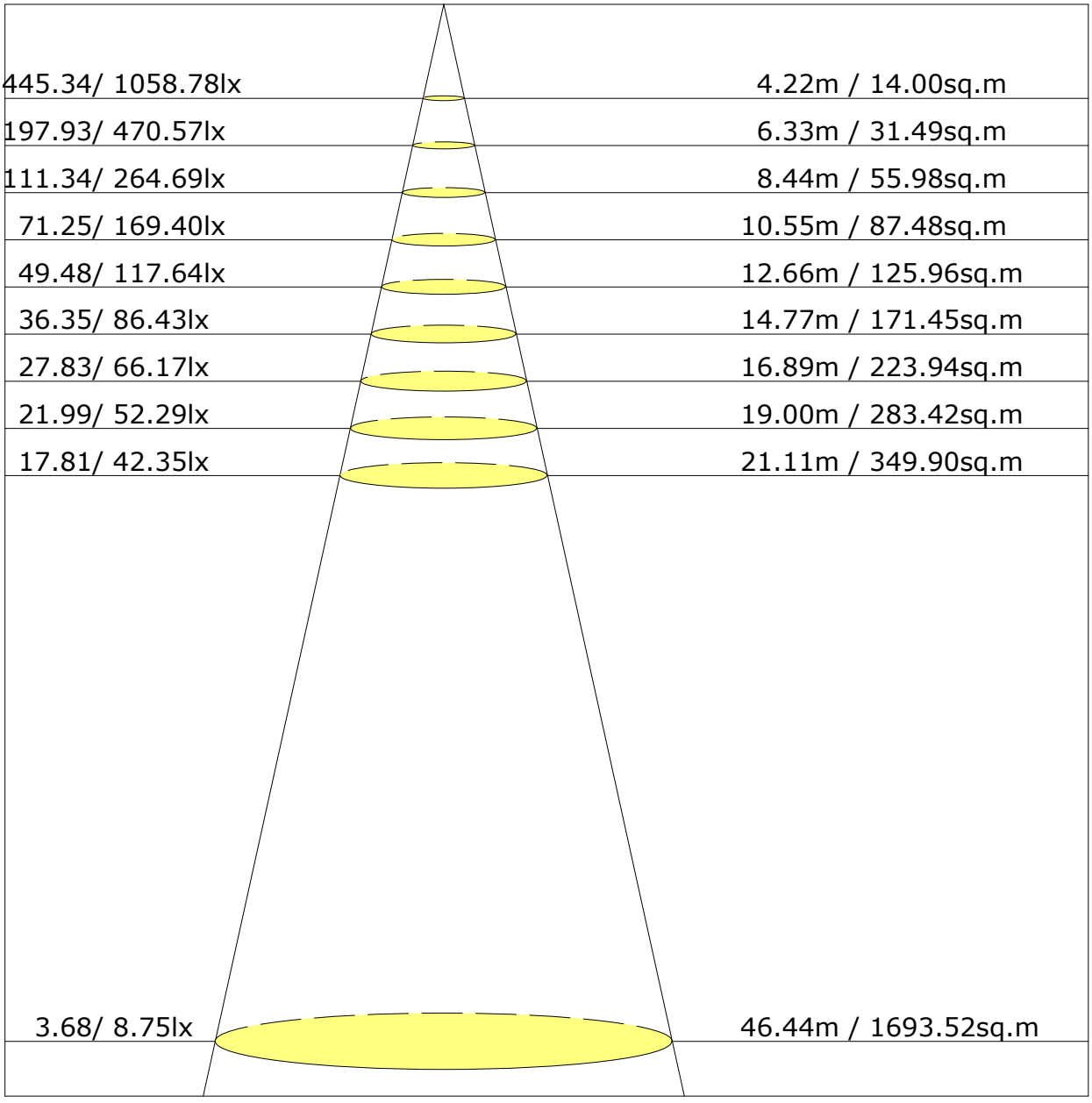
Horizontal plane

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

The Average Illuminance Effective Figure

Flux Out: 6233.00lm



Height	Avg./Nadir. E	Beam Angle:93.1°	Diameter / Area
2.0m	445.34/ 1058.78lx		4.22m / 14.00sq.m
3.0m	197.93/ 470.57lx		6.33m / 31.49sq.m
4.0m	111.34/ 264.69lx		8.44m / 55.98sq.m
5.0m	71.25/ 169.40lx		10.55m / 87.48sq.m
6.0m	49.48/ 117.64lx		12.66m / 125.96sq.m
7.0m	36.35/ 86.43lx		14.77m / 171.45sq.m
8.0m	27.83/ 66.17lx		16.89m / 223.94sq.m
9.0m	21.99/ 52.29lx		19.00m / 283.42sq.m
10.0m	17.81/ 42.35lx		21.11m / 349.90sq.m
22.0m	3.68/ 8.75lx		46.44m / 1693.52sq.m

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

UGR Table

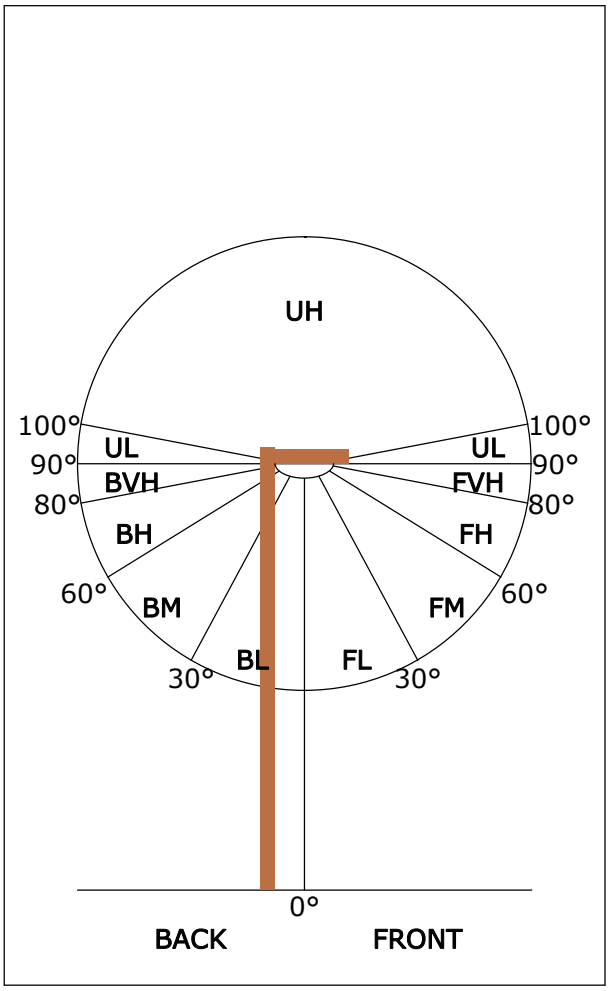
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
3H	-1.$	-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.$
Variations with the observer position at spacings:										
S=1.0H	-1.$/-1.$					-1.$/-1.$				
S=1.5H	-1.$/-1.$					-1.$/-1.$				
S=2.0H	-1.$/-1.$					-1.$/-1.$				

Calculate in accordance with CIE Pub.117. The table is revised with 10317lm (8log(F/F0) = 8.1).

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



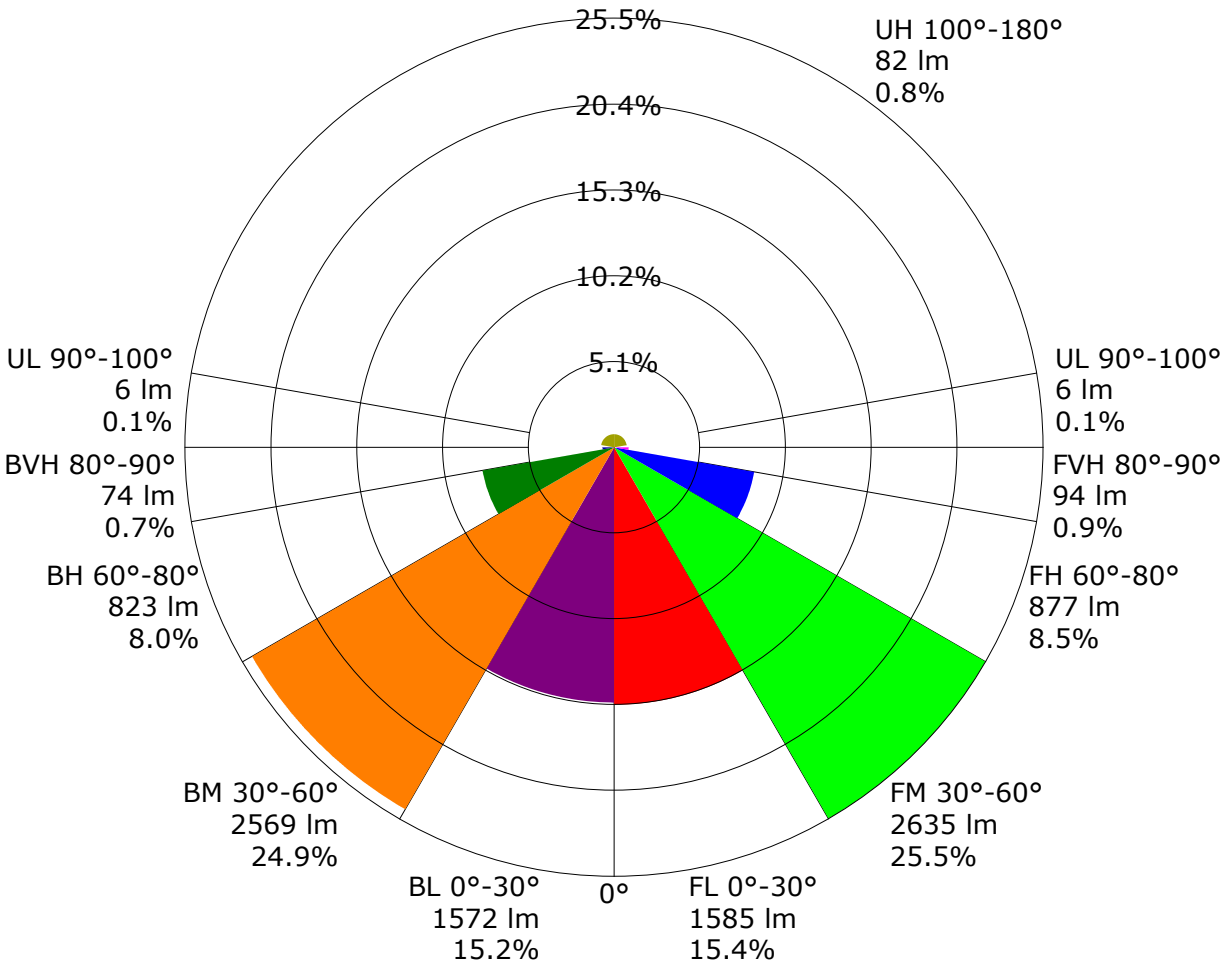
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	5191	50.3
FL (0°-30°)	1585	15.4
FM (30°-60°)	2635	25.5
FH (60°-80°)	877	8.5
FVH (80°-90°)	94	0.9
BACK LIGHT	5039	48.8
BL (0°-30°)	1572	15.2
BM (30°-60°)	2569	24.9
BH (60°-80°)	823	8.0
BVH (80°-90°)	74	0.7
UP LIGHT	88	0.8
UL (90°-100°)	6	0.1
UH (100°-180°)	82	0.8
TRAPPED LIGHT	0	0.0

BUG(**B**acklight,**U**plight,**G**lare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U2 G2
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U2 G1

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

LCS Graph



Scale= MAX LCS%

Trapped Light:0 lm,0.0%

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

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	0.60	0.70	0.77	0.82	0.89	0.94	0.97	1.01	1.04
	0.30		0.52	0.62	0.70	0.75	0.83	0.88	0.92	0.97	1.01
	0.20		0.47	0.57	0.64	0.70	0.78	0.84	0.88	0.94	0.98
0.50	0.50	0.20	0.58	0.68	0.74	0.79	0.86	0.90	0.93	0.97	1.00
	0.30		0.51	0.61	0.68	0.73	0.81	0.86	0.89	0.94	0.97
	0.20		0.46	0.56	0.63	0.69	0.76	0.82	0.86	0.91	0.94
0.30	0.50	0.20	0.56	0.66	0.72	0.76	0.83	0.87	0.90	0.93	0.96
	0.30		0.50	0.60	0.67	0.72	0.78	0.83	0.86	0.91	0.93
	0.20		0.46	0.56	0.62	0.68	0.75	0.80	0.83	0.88	0.91
0.00	0.00	0.00	0.44	0.53	0.60	0.64	0.71	0.76	0.79	0.84	0.86

Rating:80W 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	0.95	0.78	0.66	0.58	0.46	0.38	0.33	0.25	0.21
	0.30		0.79	0.67	0.58	0.51	0.42	0.35	0.30	0.24	0.20
	0.20		0.68	0.58	0.51	0.46	0.38	0.32	0.28	0.22	0.19
0.50	0.50	0.20	0.92	0.75	0.64	0.55	0.44	0.40	0.31	0.24	0.20
	0.30		0.77	0.65	0.56	0.49	0.40	0.34	0.29	0.23	0.19
	0.20		0.67	0.57	0.50	0.45	0.37	0.31	0.27	0.22	0.18
0.30	0.50	0.20	0.89	0.72	0.61	0.53	0.42	0.35	0.29	0.23	0.19
	0.30		0.76	0.63	0.54	0.48	0.39	0.32	0.28	0.22	0.18
	0.20		0.66	0.57	0.49	0.44	0.36	0.30	0.26	0.21	0.17
0.00	0.00	0.00	0.56	0.46	0.40	0.35	0.28	0.23	0.20	0.16	0.13

Rating:80W 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: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

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	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.23
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.15	0.17	0.17	0.19	0.19
	0.20		0.05	0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.20	0.21
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

Rating:80W 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: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Zonal Lumen

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	4234.0	4.1	4.1	0.04	0.04
1.0-2.0	4231.8	12.1	16.2	0.12	0.16
2.0-3.0	4226.6	20.2	36.4	0.20	0.35
3.0-4.0	4219.6	28.2	64.7	0.27	0.63
4.0-5.0	4211.2	36.2	100.9	0.35	0.98
5.0-6.0	4199.5	44.1	145.0	0.43	1.41
6.0-7.0	4185.7	52.0	197.0	0.50	1.91
7.0-8.0	4169.5	59.7	256.7	0.58	2.49
8.0-9.0	4151.7	67.3	324.0	0.65	3.14
9.0-10.0	4131.7	74.8	398.8	0.72	3.86
10.0-11.0	4109.0	82.1	480.9	0.80	4.66
11.0-12.0	4084.3	89.3	570.2	0.87	5.53
12.0-13.0	4057.7	96.3	666.5	0.93	6.46
13.0-14.0	4028.5	103.1	769.6	1.00	7.46
14.0-15.0	3997.2	109.8	879.3	1.06	8.52
15.0-16.0	3964.5	116.2	995.5	1.13	9.65
16.0-17.0	3929.7	122.4	1117.9	1.19	10.84
17.0-18.0	3892.8	128.4	1246.3	1.24	12.08
18.0-19.0	3853.2	134.1	1380.4	1.30	13.38
19.0-20.0	3812.2	139.5	1519.9	1.35	14.73
20.0-21.0	3770.8	144.8	1664.7	1.40	16.14
21.0-22.0	3726.9	149.8	1814.5	1.45	17.59
22.0-23.0	3680.9	154.5	1969.0	1.50	19.08
23.0-24.0	3633.1	158.9	2127.8	1.54	20.62
24.0-25.0	3584.4	163.0	2290.9	1.58	22.20
25.0-26.0	3533.2	166.8	2457.7	1.62	23.82
26.0-27.0	3480.4	170.3	2627.9	1.65	25.47
27.0-28.0	3427.5	173.6	2801.5	1.68	27.15
28.0-29.0	3372.5	176.5	2978.0	1.71	28.86
29.0-30.0	3316.5	179.1	3157.1	1.74	30.60
30.0-31.0	3259.3	181.4	3338.5	1.76	32.36
31.0-32.0	3201.3	183.4	3521.9	1.78	34.14
32.0-33.0	3142.3	185.1	3707.0	1.79	35.93
33.0-34.0	3081.8	186.5	3893.6	1.81	37.74
34.0-35.0	3021.0	187.6	4081.2	1.82	39.56
35.0-36.0	2959.1	188.4	4269.6	1.83	41.38

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	2896.4	188.9	4458.6	1.83	43.21
37.0-38.0	2833.5	189.2	4647.7	1.83	45.05
38.0-39.0	2770.1	189.1	4836.8	1.83	46.88
39.0-40.0	2706.1	188.8	5025.6	1.83	48.71
40.0-41.0	2641.1	188.1	5213.7	1.82	50.53
41.0-42.0	2576.1	187.2	5400.9	1.81	52.35
42.0-43.0	2510.8	186.0	5586.9	1.80	54.15
43.0-44.0	2446.1	184.6	5771.5	1.79	55.94
44.0-45.0	2381.3	183.0	5954.6	1.77	57.71
45.0-46.0	2315.2	181.1	6135.6	1.76	59.47
46.0-47.0	2250.1	179.0	6314.6	1.73	61.20
47.0-48.0	2185.4	176.7	6491.3	1.71	62.92
48.0-49.0	2120.1	174.1	6665.4	1.69	64.61
49.0-50.0	2055.3	171.4	6836.8	1.66	66.27
50.0-51.0	1990.4	168.4	7005.3	1.63	67.90
51.0-52.0	1925.8	165.3	7170.5	1.60	69.50
52.0-53.0	1862.1	162.0	7332.5	1.57	71.07
53.0-54.0	1798.7	158.6	7491.1	1.54	72.61
54.0-55.0	1735.1	154.9	7646.0	1.50	74.11
55.0-56.0	1672.0	151.1	7797.1	1.46	75.57
56.0-57.0	1609.9	147.2	7944.3	1.43	77.00
57.0-58.0	1548.3	143.2	8087.5	1.39	78.39
58.0-59.0	1486.7	139.0	8226.5	1.35	79.74
59.0-60.0	1425.5	134.7	8361.2	1.31	81.04
60.0-61.0	1365.4	130.3	8491.5	1.26	82.30
61.0-62.0	1305.5	125.8	8617.4	1.22	83.52
62.0-63.0	1246.8	121.3	8738.6	1.18	84.70
63.0-64.0	1188.4	116.6	8855.3	1.13	85.83
64.0-65.0	1130.2	111.9	8967.1	1.08	86.91
65.0-66.0	1073.2	107.1	9074.2	1.04	87.95
66.0-67.0	1017.2	102.3	9176.5	0.99	88.94
67.0-68.0	961.3	97.4	9273.9	0.94	89.89
68.0-69.0	906.3	92.5	9366.4	0.90	90.78
69.0-70.0	852.5	87.6	9453.9	0.85	91.63
70.0-71.0	799.1	82.6	9536.5	0.80	92.43
71.0-72.0	746.9	77.7	9614.2	0.75	93.19

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 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	696.2	72.8	9687.0	0.71	93.89
73.0-74.0	646.2	67.9	9755.0	0.66	94.55
74.0-75.0	596.3	63.0	9818.0	0.61	95.16
75.0-76.0	547.9	58.2	9876.2	0.56	95.73
76.0-77.0	500.6	53.4	9929.5	0.52	96.24
77.0-78.0	454.2	48.6	9978.2	0.47	96.71
78.0-79.0	408.9	43.9	10022.1	0.43	97.14
79.0-80.0	364.7	39.3	10061.4	0.38	97.52
80.0-81.0	321.8	34.8	10096.2	0.34	97.86
81.0-82.0	280.3	30.4	10126.6	0.29	98.15
82.0-83.0	240.0	26.1	10152.7	0.25	98.41
83.0-84.0	200.7	21.9	10174.6	0.21	98.62
84.0-85.0	162.9	17.8	10192.4	0.17	98.79
85.0-86.0	127.4	13.9	10206.3	0.13	98.92
86.0-87.0	94.1	10.3	10216.6	0.10	99.02
87.0-88.0	63.6	7.0	10223.6	0.07	99.09
88.0-89.0	37.4	4.1	10227.7	0.04	99.13
89.0-90.0	18.1	2.0	10229.6	0.02	99.15
90.0-91.0	7.8	0.9	10230.5	0.01	99.16
91.0-92.0	4.6	0.5	10231.0	0.00	99.16
92.0-93.0	4.3	0.5	10231.5	0.00	99.17
93.0-94.0	4.5	0.5	10232.0	0.00	99.17
94.0-95.0	4.7	0.5	10232.5	0.00	99.18
95.0-96.0	4.9	0.5	10233.0	0.01	99.18
96.0-97.0	5.2	0.6	10233.6	0.01	99.19
97.0-98.0	5.5	0.6	10234.2	0.01	99.20
98.0-99.0	5.7	0.6	10234.8	0.01	99.20
99.0-100.0	5.9	0.6	10235.4	0.01	99.21
100.0-101.0	6.2	0.7	10236.1	0.01	99.21
101.0-102.0	6.5	0.7	10236.8	0.01	99.22
102.0-103.0	6.8	0.7	10237.5	0.01	99.23
103.0-104.0	7.1	0.8	10238.3	0.01	99.24
104.0-105.0	7.4	0.8	10239.1	0.01	99.24
105.0-106.0	7.7	0.8	10239.9	0.01	99.25
106.0-107.0	8.1	0.8	10240.8	0.01	99.26
107.0-108.0	8.3	0.9	10241.6	0.01	99.27

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	8.5	0.9	10242.5	0.01	99.28
109.0-110.0	8.9	0.9	10243.4	0.01	99.29
110.0-111.0	9.3	1.0	10244.4	0.01	99.29
111.0-112.0	9.6	1.0	10245.4	0.01	99.30
112.0-113.0	10.0	1.0	10246.4	0.01	99.31
113.0-114.0	10.4	1.0	10247.4	0.01	99.32
114.0-115.0	10.7	1.1	10248.5	0.01	99.33
115.0-116.0	11.0	1.1	10249.6	0.01	99.34
116.0-117.0	11.4	1.1	10250.7	0.01	99.36
117.0-118.0	11.7	1.1	10251.8	0.01	99.37
118.0-119.0	12.0	1.2	10253.0	0.01	99.38
119.0-120.0	12.3	1.2	10254.2	0.01	99.39
120.0-121.0	12.7	1.2	10255.4	0.01	99.40
121.0-122.0	13.1	1.2	10256.6	0.01	99.41
122.0-123.0	13.5	1.2	10257.8	0.01	99.42
123.0-124.0	13.8	1.3	10259.1	0.01	99.44
124.0-125.0	14.3	1.3	10260.4	0.01	99.45
125.0-126.0	14.6	1.3	10261.7	0.01	99.46
126.0-127.0	15.0	1.3	10263.0	0.01	99.47
127.0-128.0	15.5	1.3	10264.4	0.01	99.49
128.0-129.0	15.8	1.4	10265.7	0.01	99.50
129.0-130.0	16.2	1.4	10267.1	0.01	99.51
130.0-131.0	16.5	1.4	10268.5	0.01	99.53
131.0-132.0	16.9	1.4	10269.9	0.01	99.54
132.0-133.0	17.3	1.4	10271.3	0.01	99.55
133.0-134.0	17.6	1.4	10272.7	0.01	99.57
134.0-135.0	18.0	1.4	10274.1	0.01	99.58
135.0-136.0	18.4	1.4	10275.5	0.01	99.60
136.0-137.0	18.8	1.4	10276.9	0.01	99.61
137.0-138.0	19.2	1.4	10278.3	0.01	99.62
138.0-139.0	19.5	1.4	10279.7	0.01	99.64
139.0-140.0	19.9	1.4	10281.1	0.01	99.65
140.0-141.0	20.3	1.4	10282.6	0.01	99.66
141.0-142.0	20.7	1.4	10284.0	0.01	99.68
142.0-143.0	21.0	1.4	10285.4	0.01	99.69
143.0-144.0	21.4	1.4	10286.8	0.01	99.71

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	21.7	1.4	10288.2	0.01	99.72
145.0-146.0	22.1	1.4	10289.5	0.01	99.73
146.0-147.0	22.4	1.4	10290.9	0.01	99.74
147.0-148.0	22.7	1.3	10292.2	0.01	99.76
148.0-149.0	23.0	1.3	10293.5	0.01	99.77
149.0-150.0	23.3	1.3	10294.8	0.01	99.78
150.0-151.0	23.7	1.3	10296.1	0.01	99.80
151.0-152.0	24.1	1.3	10297.4	0.01	99.81
152.0-153.0	24.4	1.2	10298.6	0.01	99.82
153.0-154.0	24.7	1.2	10299.8	0.01	99.83
154.0-155.0	25.0	1.2	10301.0	0.01	99.84
155.0-156.0	25.3	1.2	10302.1	0.01	99.85
156.0-157.0	25.7	1.1	10303.3	0.01	99.86
157.0-158.0	26.0	1.1	10304.4	0.01	99.88
158.0-159.0	26.2	1.1	10305.4	0.01	99.89
159.0-160.0	26.5	1.0	10306.4	0.01	99.90
160.0-161.0	26.8	1.0	10307.4	0.01	99.91
161.0-162.0	27.1	0.9	10308.4	0.01	99.91
162.0-163.0	27.4	0.9	10309.3	0.01	99.92
163.0-164.0	27.6	0.9	10310.1	0.01	99.93
164.0-165.0	27.9	0.8	10310.9	0.01	99.94
165.0-166.0	28.1	0.8	10311.7	0.01	99.95
166.0-167.0	28.3	0.7	10312.4	0.01	99.95
167.0-168.0	28.6	0.7	10313.1	0.01	99.96
168.0-169.0	28.9	0.6	10313.7	0.01	99.97
169.0-170.0	29.0	0.6	10314.3	0.01	99.97
170.0-171.0	29.2	0.5	10314.9	0.01	99.98
171.0-172.0	29.4	0.5	10315.3	0.00	99.98
172.0-173.0	29.5	0.4	10315.8	0.00	99.99
173.0-174.0	29.8	0.4	10316.1	0.00	99.99
174.0-175.0	30.0	0.3	10316.4	0.00	99.99
175.0-176.0	30.1	0.3	10316.7	0.00	100.00
176.0-177.0	30.2	0.2	10316.9	0.00	100.00
177.0-178.0	30.3	0.1	10317.0	0.00	100.00
178.0-179.0	30.4	0.1	10317.1	0.00	100.00
179.0-180.0	30.8	0.0	10317.2	0.00	100.00

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	4235.1	4235.1	4235.1	4235.1	4235.1	4235.1	4235.1	4235.1	4235.1	4235.1
G1.0	4236.4	4236.3	4235.9	4238.2	4227.1	4233.7	4232.4	4228.0	4223.5	4230.2
G2.0	4234.8	4233.1	4234.1	4238.8	4228.6	4235.8	4232.2	4223.9	4220.5	4225.3
G3.0	4229.2	4227.8	4230.6	4230.1	4224.0	4225.4	4217.0	4216.7	4209.0	4213.1
G4.0	4231.4	4227.6	4223.7	4227.9	4218.7	4219.0	4213.2	4210.9	4198.3	4202.3
G5.0	4217.7	4216.5	4215.9	4218.3	4210.8	4210.8	4207.7	4195.8	4180.4	4189.8
G6.0	4206.4	4208.6	4208.3	4208.3	4196.0	4197.2	4191.6	4184.7	4160.5	4171.6
G7.0	4194.2	4192.9	4193.5	4196.9	4191.0	4182.0	4177.8	4171.3	4140.2	4151.9
G8.0	4174.6	4177.1	4178.0	4185.5	4176.3	4167.4	4159.8	4152.5	4113.3	4133.6
G9.0	4160.9	4157.8	4163.4	4168.0	4160.9	4152.8	4139.0	4130.8	4090.3	4110.9
G10.0	4137.1	4138.6	4142.7	4149.8	4141.6	4135.5	4117.9	4107.6	4058.5	4082.6
G11.0	4111.2	4117.2	4123.9	4127.1	4119.0	4114.0	4097.9	4078.9	4029.5	4054.2
G12.0	4091.9	4090.9	4099.0	4105.5	4095.6	4090.1	4070.9	4053.4	3999.9	4022.3
G13.0	4062.6	4064.1	4077.7	4082.3	4070.7	4061.9	4041.5	4023.6	3961.5	3990.0
G14.0	4031.0	4036.2	4045.8	4052.8	4042.7	4033.0	4007.1	3995.5	3925.0	3952.8
G15.0	4000.3	4001.4	4015.0	4026.2	4020.1	4010.4	3981.2	3954.8	3885.5	3916.4
G16.0	3963.0	3969.1	3983.0	3995.3	3989.8	3979.6	3946.6	3918.7	3849.7	3875.4
G17.0	3927.4	3937.4	3949.8	3968.2	3956.3	3941.2	3905.8	3880.6	3800.5	3834.5
G18.0	3889.4	3895.5	3914.2	3931.0	3926.0	3908.9	3870.2	3840.5	3758.5	3793.8
G19.0	3847.0	3855.9	3873.0	3895.2	3884.4	3871.3	3829.3	3794.4	3709.6	3744.4
G20.0	3803.1	3817.5	3837.8	3856.8	3854.6	3829.5	3791.2	3754.1	3660.8	3694.8
G21.0	3761.0	3769.6	3797.4	3821.2	3811.2	3794.6	3750.0	3704.3	3612.6	3647.4
G22.0	3714.4	3724.6	3749.5	3778.9	3776.9	3748.7	3707.0	3654.2	3561.5	3597.0
G23.0	3663.4	3677.2	3704.4	3737.9	3731.4	3708.2	3656.1	3605.3	3505.4	3543.1
G24.0	3614.8	3629.5	3659.7	3691.7	3687.2	3661.8	3606.0	3553.4	3451.2	3489.6
G25.0	3565.4	3579.4	3608.2	3644.9	3643.1	3618.3	3559.9	3499.7	3396.8	3435.7
G26.0	3513.9	3523.2	3559.5	3595.6	3602.0	3565.3	3504.7	3444.5	3335.4	3375.2
G27.0	3456.5	3471.4	3508.9	3550.7	3549.8	3519.3	3456.1	3387.7	3276.7	3314.5
G28.0	3402.1	3415.9	3456.8	3500.9	3504.1	3470.1	3401.8	3331.4	3218.5	3261.8
G29.0	3338.7	3358.3	3403.8	3446.6	3454.4	3415.3	3340.8	3272.9	3156.3	3200.3
G30.0	3284.5	3301.1	3348.2	3393.2	3396.9	3362.6	3289.7	3210.2	3100.8	3139.0
G31.0	3225.0	3242.4	3291.1	3337.9	3349.3	3306.3	3231.8	3151.5	3032.1	3077.0
G32.0	3164.9	3183.7	3233.4	3288.7	3290.5	3253.4	3173.6	3093.2	2967.6	3012.5
G33.0	3104.3	3122.1	3175.5	3230.2	3240.4	3192.5	3113.3	3026.3	2906.6	2949.8
G34.0	3041.2	3060.5	3113.4	3169.5	3177.0	3138.6	3050.1	2968.0	2841.0	2882.3
G35.0	2976.4	2998.4	3056.5	3111.5	3122.7	3079.2	2991.3	2902.0	2774.5	2821.3
G36.0	2914.5	2937.0	2992.7	3050.1	3061.9	3016.3	2924.3	2840.1	2707.9	2753.1

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	2849.5	2872.0	2929.7	2991.0	3000.8	2959.1	2864.5	2777.1	2643.2	2690.1
G38.0	2781.6	2803.6	2869.1	2932.4	2944.0	2897.0	2801.4	2707.6	2576.0	2625.0
G39.0	2718.4	2740.4	2802.7	2869.0	2884.2	2839.2	2734.1	2646.2	2512.4	2559.1
G40.0	2652.4	2672.5	2738.9	2805.3	2820.2	2773.8	2674.5	2579.8	2448.1	2493.1
G41.0	2586.0	2610.7	2677.4	2742.7	2755.9	2710.7	2610.5	2512.5	2379.7	2425.7
G42.0	2521.4	2545.1	2613.4	2678.4	2694.9	2645.6	2541.8	2448.8	2314.4	2360.8
G43.0	2454.9	2477.9	2540.8	2614.5	2628.6	2580.8	2474.9	2381.6	2249.7	2294.8
G44.0	2387.5	2413.8	2479.7	2552.3	2565.3	2516.7	2409.7	2316.8	2185.7	2231.7
G45.0	2320.4	2344.6	2413.4	2486.4	2503.1	2453.6	2346.7	2251.5	2118.7	2168.1
G46.0	2252.9	2275.8	2348.3	2420.0	2439.3	2383.8	2283.0	2186.2	2053.5	2099.8
G47.0	2190.4	2211.5	2282.6	2357.7	2373.3	2324.4	2216.8	2123.6	1990.7	2035.0
G48.0	2122.9	2146.7	2217.4	2292.0	2305.8	2258.1	2150.7	2058.4	1928.5	1970.8
G49.0	2062.3	2083.3	2153.3	2226.0	2242.9	2193.9	2089.2	1992.2	1862.9	1907.6
G50.0	1995.6	2017.1	2086.8	2160.4	2178.4	2124.8	2024.5	1927.2	1800.7	1844.3
G51.0	1929.2	1951.5	2023.8	2092.2	2111.9	2061.8	1957.8	1865.1	1738.1	1781.2
G52.0	1866.3	1887.1	1956.2	2029.5	2049.3	1999.1	1895.0	1804.5	1676.3	1719.0
G53.0	1805.4	1825.3	1893.6	1965.2	1982.5	1933.0	1830.0	1741.0	1615.3	1656.6
G54.0	1744.2	1762.2	1829.3	1897.9	1913.7	1866.6	1769.3	1679.5	1555.3	1597.3
G55.0	1682.3	1700.7	1761.0	1833.3	1849.2	1801.8	1703.9	1614.7	1494.2	1536.1
G56.0	1617.9	1637.2	1699.3	1771.7	1788.8	1738.6	1643.4	1557.0	1432.2	1473.1
G57.0	1556.2	1574.1	1638.4	1708.0	1723.8	1678.2	1581.3	1496.3	1376.1	1411.6
G58.0	1498.6	1516.5	1576.3	1643.9	1659.9	1611.9	1519.9	1437.0	1316.7	1354.6
G59.0	1436.4	1453.8	1513.5	1578.8	1597.6	1551.7	1460.4	1379.5	1257.9	1296.3
G60.0	1378.2	1396.5	1452.1	1516.3	1531.6	1489.1	1396.1	1318.9	1201.4	1238.4
G61.0	1321.5	1336.4	1392.9	1453.2	1471.3	1426.9	1337.4	1258.6	1146.6	1182.7
G62.0	1263.1	1278.5	1334.7	1392.6	1408.7	1363.3	1281.5	1200.5	1090.9	1125.3
G63.0	1207.0	1221.5	1274.2	1332.0	1346.6	1302.6	1223.9	1145.5	1038.5	1071.4
G64.0	1149.1	1162.6	1211.9	1269.7	1286.0	1246.2	1164.8	1091.1	983.2	1015.5
G65.0	1092.4	1105.9	1154.7	1210.0	1224.4	1185.9	1105.3	1036.0	930.8	960.7
G66.0	1040.0	1052.6	1096.1	1151.1	1163.4	1126.0	1051.5	979.9	875.5	905.6
G67.0	985.8	996.4	1043.0	1095.2	1109.3	1067.9	995.8	926.0	826.3	855.8
G68.0	930.5	940.8	984.4	1034.1	1046.9	1012.8	936.1	873.4	773.8	801.3
G69.0	879.9	889.6	930.7	978.7	990.8	952.9	885.8	823.6	724.8	750.5
G70.0	828.4	837.0	875.7	922.1	933.6	898.0	832.5	768.7	677.0	699.1
G71.0	776.4	785.0	821.4	865.7	877.1	844.8	777.3	720.3	627.3	651.9
G72.0	726.5	733.9	768.8	810.0	822.4	791.2	725.9	672.6	580.4	603.5
G73.0	684.7	687.4	715.5	758.3	767.1	737.8	676.4	623.5	535.8	557.7

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	632.2	637.3	667.8	703.6	711.4	690.1	626.9	573.9	489.2	511.6
G75.0	585.0	587.5	615.4	651.3	661.5	633.5	576.9	529.4	445.9	466.0
G76.0	537.5	541.5	567.6	602.0	611.2	582.3	530.3	484.1	403.4	422.1
G77.0	492.8	495.6	520.1	551.8	560.2	532.7	482.9	439.6	358.6	378.1
G78.0	448.7	452.0	472.7	500.3	510.7	484.1	437.4	394.1	321.4	339.4
G79.0	406.4	406.7	426.1	454.3	461.0	438.6	390.6	352.6	280.8	295.9
G80.0	362.8	364.2	381.2	407.2	414.4	391.5	344.0	312.7	242.5	256.2
G81.0	324.0	324.9	342.1	360.6	367.5	345.5	304.3	272.1	205.2	217.9
G82.0	283.2	284.1	297.3	318.4	325.5	302.4	264.4	232.2	169.3	180.0
G83.0	246.2	245.0	256.2	273.1	281.5	259.5	224.3	195.3	136.0	146.0
G84.0	208.8	207.2	215.7	231.8	238.3	216.1	184.7	160.2	105.1	112.3
G85.0	172.9	170.6	176.8	189.7	198.1	176.1	147.5	124.3	76.6	82.6
G86.0	141.1	138.0	140.1	151.1	157.0	137.7	110.7	94.7	51.8	56.6
G87.0	107.7	105.9	106.0	113.5	119.0	100.3	78.0	66.3	28.3	32.4
G88.0	79.0	75.2	73.8	78.2	82.8	65.2	49.7	41.6	10.7	12.8
G89.0	54.5	50.8	45.6	45.0	47.5	32.8	26.0	19.2	3.4	4.0
G90.0	29.9	26.0	22.4	18.7	15.0	10.0	8.9	6.3	2.8	2.9
G91.0	12.0	10.0	6.3	4.5	4.3	6.0	6.1	3.9	2.6	3.5
G92.0	4.1	4.2	4.5	4.6	4.4	6.2	6.8	4.3	2.8	3.7
G93.0	3.7	4.2	4.4	4.6	5.1	6.2	6.7	4.4	3.3	3.5
G94.0	4.3	4.4	4.6	4.9	4.6	6.4	6.9	4.6	3.3	3.6
G95.0	4.4	4.4	4.3	4.6	5.6	6.6	6.7	4.9	3.9	3.9
G96.0	4.5	4.9	5.4	5.7	6.0	6.9	7.4	4.9	3.9	4.0
G97.0	4.9	5.6	5.4	5.4	6.3	7.2	7.6	5.2	3.4	4.5
G98.0	5.2	5.5	5.6	6.4	6.5	7.6	7.7	5.4	4.1	4.2
G99.0	5.3	5.8	5.7	6.2	6.3	7.6	7.9	6.0	4.6	4.3
G100.0	4.9	6.1	5.7	6.8	7.0	8.4	8.7	6.3	4.1	5.4
G101.0	5.8	6.3	6.2	7.3	7.1	8.1	8.9	6.1	5.1	5.4
G102.0	6.3	6.2	6.9	7.3	7.6	8.4	9.0	6.7	5.0	5.5
G103.0	5.9	6.5	7.1	8.0	8.0	9.4	9.4	7.0	5.2	5.7
G104.0	6.5	7.3	7.4	7.6	8.6	9.9	9.8	7.1	5.6	6.1
G105.0	7.2	7.3	8.1	8.1	8.6	9.5	10.0	7.3	6.2	6.3
G106.0	7.2	7.9	8.0	9.1	9.3	10.6	10.2	8.2	6.3	6.8
G107.0	7.7	7.9	8.0	9.1	9.4	10.7	10.9	8.2	6.9	7.1
G108.0	7.8	8.4	8.6	8.8	10.0	10.5	11.2	8.6	6.5	6.8
G109.0	8.1	8.2	9.2	9.3	9.6	11.0	11.1	8.8	6.5	7.5
G110.0	8.5	8.8	9.3	10.4	10.5	12.2	11.7	8.9	7.4	7.7

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	8.6	9.3	9.6	10.4	10.7	11.4	12.4	9.5	7.8	8.0
G112.0	8.9	10.0	10.4	10.3	11.7	12.5	12.5	10.0	7.6	8.3
G113.0	9.4	10.3	10.5	10.7	11.9	12.3	12.8	10.0	8.2	8.6
G114.0	9.8	10.8	10.7	11.7	12.0	13.3	13.3	10.7	8.4	9.1
G115.0	10.2	10.3	11.2	11.9	12.4	13.3	13.5	11.2	9.0	9.5
G116.0	10.7	11.2	11.5	12.3	12.8	14.2	14.1	11.2	9.0	9.4
G117.0	11.0	11.0	11.9	12.8	13.5	14.1	14.3	11.5	9.1	10.0
G118.0	11.3	11.9	12.1	12.8	13.8	14.2	14.5	12.3	10.1	10.3
G119.0	11.5	11.8	12.9	13.2	13.8	14.9	15.1	12.3	10.0	10.8
G120.0	11.9	12.6	12.7	13.7	13.9	15.0	15.1	12.6	10.2	10.9
G121.0	12.7	13.1	13.1	14.2	14.7	15.8	15.6	13.1	10.7	11.2
G122.0	12.7	13.1	13.4	14.7	14.9	16.2	16.2	13.1	11.0	11.8
G123.0	12.9	13.4	13.7	14.7	15.5	16.8	16.3	13.8	11.5	12.0
G124.0	13.5	13.9	14.5	15.4	15.7	16.9	16.4	14.5	12.3	12.1
G125.0	13.6	14.5	14.9	15.6	16.9	16.9	17.2	14.3	12.3	12.7
G126.0	14.2	14.9	15.5	15.9	17.0	16.9	17.5	15.2	13.1	12.4
G127.0	15.2	15.5	15.9	16.3	16.9	17.8	18.1	15.5	13.3	13.4
G128.0	15.2	15.6	16.1	16.9	17.6	18.7	18.7	15.7	13.1	13.4
G129.0	15.4	16.0	16.5	16.9	18.0	19.0	18.6	15.8	13.8	14.0
G130.0	16.2	16.4	17.0	17.7	18.6	18.8	19.1	16.9	13.9	14.5
G131.0	15.8	16.8	17.1	17.9	18.7	19.2	19.4	16.9	14.5	15.1
G132.0	16.7	16.9	17.4	18.4	18.9	19.8	20.1	16.8	14.9	15.6
G133.0	16.6	17.7	17.9	18.5	19.5	20.2	20.5	17.5	15.3	15.6
G134.0	17.3	17.9	18.3	19.0	19.3	20.4	20.6	18.0	15.2	15.5
G135.0	17.7	18.1	18.4	19.3	20.3	20.4	21.0	18.3	15.8	16.6
G136.0	17.7	18.7	18.9	19.8	20.4	21.0	21.2	18.8	16.2	16.5
G137.0	18.7	19.1	19.8	19.9	20.6	21.7	22.2	18.6	16.8	16.9
G138.0	19.1	19.1	19.9	20.7	21.2	22.2	21.8	19.4	16.8	17.4
G139.0	19.2	19.5	20.0	20.7	21.3	22.2	22.5	19.9	17.2	17.7
G140.0	19.6	20.3	20.7	21.6	22.2	22.8	22.7	19.6	17.9	18.2
G141.0	20.2	20.4	21.1	21.2	21.7	23.4	22.9	20.6	18.5	19.0
G142.0	20.2	20.9	21.2	22.3	22.9	23.4	23.5	20.9	18.7	18.8
G143.0	21.0	21.5	21.6	22.1	23.0	23.7	23.5	21.1	18.7	19.6
G144.0	20.7	21.8	21.8	22.5	23.2	24.3	24.2	21.7	19.3	19.7
G145.0	21.5	22.1	22.2	22.9	23.3	24.2	24.7	21.7	19.8	20.4
G146.0	21.7	21.8	22.6	23.2	23.7	24.6	24.8	22.4	20.3	20.8
G147.0	21.9	22.8	23.0	24.0	24.3	24.8	24.7	22.6	21.0	20.9

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	22.4	23.1	23.0	24.0	24.3	25.3	25.2	22.7	20.9	21.3
G149.0	22.8	23.2	23.6	24.1	24.4	25.4	25.4	23.6	21.1	21.5
G150.0	23.0	23.7	24.2	24.5	25.4	25.7	25.6	23.6	21.5	22.2
G151.0	22.9	23.3	23.8	25.3	25.6	26.3	26.0	23.9	21.7	22.7
G152.0	23.6	24.4	24.7	25.5	25.5	26.2	26.4	24.0	22.2	22.7
G153.0	24.0	24.1	25.1	25.5	26.0	27.1	26.8	24.5	22.2	23.2
G154.0	23.8	25.2	25.0	25.8	26.4	27.3	26.9	24.9	22.6	23.5
G155.0	24.4	25.6	25.4	25.9	26.2	27.2	27.9	25.0	23.2	23.5
G156.0	24.3	25.4	25.6	26.2	26.8	27.5	27.7	25.8	23.2	24.3
G157.0	25.3	25.9	26.1	26.8	27.2	28.0	28.0	25.6	23.5	25.1
G158.0	26.0	25.8	26.2	27.0	27.2	28.4	28.2	25.9	24.2	24.7
G159.0	25.7	25.8	26.2	27.2	27.3	28.5	28.5	26.3	24.2	24.9
G160.0	26.0	26.5	26.9	27.4	28.0	28.7	28.9	26.5	24.8	25.7
G161.0	26.0	26.6	27.2	28.1	27.7	29.2	29.1	26.9	25.1	25.9
G162.0	26.9	27.0	27.0	27.8	28.2	29.0	29.1	27.3	25.3	26.4
G163.0	26.7	27.2	27.5	27.9	28.2	29.2	29.4	27.6	25.7	26.5
G164.0	27.3	27.3	28.0	28.3	28.3	29.7	29.9	27.0	26.1	27.1
G165.0	27.3	27.6	28.1	28.6	28.9	29.5	30.1	28.0	26.3	27.1
G166.0	27.3	28.0	28.3	29.0	28.7	29.7	29.9	28.0	26.8	27.3
G167.0	27.9	28.3	28.1	29.0	28.9	29.8	30.1	28.3	27.2	27.7
G168.0	28.2	28.5	28.7	29.2	28.9	30.0	30.6	28.6	27.3	27.9
G169.0	28.7	28.8	28.9	29.8	29.7	30.4	30.7	28.3	27.3	28.3
G170.0	28.6	28.6	29.3	29.2	29.7	29.9	30.5	28.7	28.0	28.4
G171.0	29.2	29.1	29.2	29.5	29.4	30.8	30.7	29.3	27.7	28.9
G172.0	29.1	29.2	29.2	29.8	29.7	30.5	31.2	29.3	28.3	28.6
G173.0	29.2	29.5	29.5	30.2	29.9	30.6	31.0	29.0	28.5	28.6
G174.0	29.3	29.5	30.0	29.8	30.2	31.0	31.2	29.8	28.9	29.4
G175.0	29.7	29.7	29.8	30.2	30.5	31.1	31.3	29.4	29.3	29.5
G176.0	29.7	29.8	29.9	30.0	31.0	31.1	31.7	29.8	29.1	29.8
G177.0	30.1	29.8	29.9	29.9	30.5	31.6	32.0	29.5	29.5	29.8
G178.0	30.0	29.6	30.4	29.9	30.2	31.4	31.7	29.9	30.0	29.8
G179.0	30.2	30.3	30.0	30.3	30.5	31.6	32.0	29.6	29.7	29.8
G180.0	30.4	30.1	30.2	30.2	30.2	31.5	31.7	29.5	30.2	30.3

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	4235.1	4235.1	4235.1	4235.1	4235.1	4235.1	4235.1			
G1.0	4229.1	4236.3	4233.7	4235.1	4238.3	4231.9	4236.4			
G2.0	4225.6	4234.7	4231.3	4228.8	4234.7	4230.3	4234.8			
G3.0	4219.5	4225.9	4220.3	4225.1	4225.0	4219.8	4229.2			
G4.0	4207.8	4218.5	4211.9	4220.7	4222.4	4214.0	4231.4			
G5.0	4194.7	4204.6	4203.1	4213.8	4208.1	4202.6	4217.7			
G6.0	4179.0	4189.7	4195.6	4204.3	4197.2	4194.1	4206.4			
G7.0	4162.5	4174.8	4179.2	4184.9	4181.6	4173.1	4194.2			
G8.0	4143.2	4158.1	4166.6	4176.7	4162.1	4152.3	4174.6			
G9.0	4121.3	4140.5	4146.8	4152.4	4144.1	4136.4	4160.9			
G10.0	4097.8	4120.0	4131.5	4139.0	4129.8	4108.9	4137.1			
G11.0	4071.3	4095.9	4104.0	4111.6	4101.6	4091.5	4111.2			
G12.0	4043.6	4072.2	4081.2	4085.8	4082.5	4062.6	4091.9			
G13.0	4012.9	4047.3	4060.5	4063.0	4048.6	4031.5	4062.6			
G14.0	3981.1	4013.8	4031.6	4037.1	4019.1	4006.6	4031.0			
G15.0	3946.0	3982.1	3999.7	4005.6	3987.6	3966.2	4000.3			
G16.0	3909.6	3949.7	3974.0	3977.1	3953.9	3930.7	3963.0			
G17.0	3875.4	3918.4	3938.4	3940.9	3919.5	3889.7	3927.4			
G18.0	3833.8	3880.8	3902.8	3904.9	3884.0	3851.7	3889.4			
G19.0	3787.5	3838.7	3865.2	3869.6	3838.1	3813.3	3847.0			
G20.0	3745.0	3803.3	3830.6	3831.7	3802.0	3760.1	3803.1			
G21.0	3697.0	3760.8	3790.6	3793.1	3762.6	3718.1	3761.0			
G22.0	3655.0	3715.5	3743.8	3747.3	3715.8	3678.6	3714.4			
G23.0	3603.0	3670.4	3704.1	3711.0	3672.1	3627.1	3663.4			
G24.0	3552.0	3623.8	3660.7	3659.7	3623.6	3575.2	3614.8			
G25.0	3499.6	3576.4	3617.4	3618.8	3572.8	3523.7	3565.4			
G26.0	3449.9	3522.3	3564.0	3562.8	3515.9	3468.1	3513.9			
G27.0	3393.2	3474.5	3518.0	3511.6	3468.4	3412.3	3456.5			
G28.0	3336.9	3418.2	3464.9	3463.3	3409.7	3352.6	3402.1			
G29.0	3280.1	3365.3	3414.1	3409.2	3357.3	3297.7	3338.7			
G30.0	3220.9	3313.4	3364.6	3353.4	3299.5	3239.2	3284.5			
G31.0	3159.3	3253.4	3307.3	3301.8	3241.8	3173.6	3225.0			
G32.0	3103.2	3199.4	3250.2	3248.4	3180.5	3115.6	3164.9			
G33.0	3039.7	3138.2	3191.9	3189.0	3121.2	3054.0	3104.3			
G34.0	2976.8	3080.7	3138.6	3130.5	3062.2	2993.0	3041.2			
G35.0	2915.1	3020.6	3077.3	3069.2	3002.8	2931.2	2976.4			
G36.0	2849.9	2958.0	3017.1	3009.2	2944.8	2863.3	2914.5			

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	2789.2	2895.5	2960.7	2944.8	2880.6	2795.8	2849.5			
G38.0	2724.2	2835.4	2895.4	2886.1	2818.0	2731.3	2781.6			
G39.0	2660.0	2772.1	2835.0	2823.2	2752.8	2667.6	2718.4			
G40.0	2594.0	2708.2	2767.9	2759.8	2688.7	2600.8	2652.4			
G41.0	2529.7	2640.7	2706.3	2696.6	2618.5	2534.1	2586.0			
G42.0	2460.9	2577.1	2640.7	2632.2	2557.2	2465.5	2521.4			
G43.0	2396.9	2511.2	2578.2	2569.3	2493.2	2398.6	2454.9			
G44.0	2333.3	2448.5	2517.2	2505.6	2427.6	2338.0	2387.5			
G45.0	2267.9	2384.2	2448.3	2435.9	2357.4	2270.0	2320.4			
G46.0	2201.8	2317.5	2383.9	2370.2	2293.2	2205.0	2252.9			
G47.0	2136.7	2250.4	2317.7	2308.0	2231.6	2139.3	2190.4			
G48.0	2072.4	2189.5	2252.3	2239.0	2164.6	2073.3	2122.9			
G49.0	2005.4	2122.9	2183.3	2174.9	2092.7	2008.1	2062.3			
G50.0	1945.0	2057.9	2119.6	2109.4	2029.4	1947.0	1995.6			
G51.0	1878.7	1990.4	2054.6	2041.1	1966.5	1880.3	1929.2			
G52.0	1813.3	1923.5	1992.3	1975.0	1900.1	1816.0	1866.3			
G53.0	1750.1	1858.3	1926.0	1914.4	1835.9	1752.6	1805.4			
G54.0	1689.0	1797.4	1859.2	1849.0	1772.8	1690.7	1744.2			
G55.0	1625.6	1732.1	1794.0	1781.7	1710.8	1630.0	1682.3			
G56.0	1564.1	1667.0	1729.3	1719.8	1647.8	1566.5	1617.9			
G57.0	1503.5	1605.8	1664.8	1654.1	1585.8	1504.5	1556.2			
G58.0	1442.9	1543.5	1604.2	1591.1	1520.2	1447.1	1498.6			
G59.0	1381.5	1477.0	1535.7	1527.0	1457.9	1384.9	1436.4			
G60.0	1322.2	1417.4	1474.8	1465.4	1400.1	1328.6	1378.2			
G61.0	1262.3	1354.1	1410.9	1403.4	1337.7	1269.2	1321.5			
G62.0	1201.2	1293.6	1349.2	1342.0	1276.9	1208.8	1263.1			
G63.0	1146.0	1234.3	1287.5	1279.5	1220.5	1154.8	1207.0			
G64.0	1088.0	1174.6	1225.0	1217.6	1161.2	1097.6	1149.1			
G65.0	1032.1	1115.1	1166.0	1158.8	1103.2	1041.9	1092.4			
G66.0	976.1	1058.2	1107.1	1100.3	1046.4	988.7	1040.0			
G67.0	920.5	1000.3	1047.8	1039.6	989.5	932.5	985.8			
G68.0	865.0	941.5	988.7	985.1	932.8	881.2	930.5			
G69.0	812.0	886.5	931.3	928.1	877.0	829.4	879.9			
G70.0	758.6	830.3	873.8	871.3	826.2	776.0	828.4			
G71.0	706.8	777.1	819.3	817.1	770.8	724.6	776.4			
G72.0	657.2	722.7	763.5	761.4	718.4	679.6	726.5			
G73.0	607.8	674.0	710.3	705.8	670.2	627.7	684.7			

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	559.1	620.9	659.3	655.3	619.6	579.2	632.2			
G75.0	511.3	570.5	606.0	603.8	568.5	533.0	585.0			
G76.0	465.5	521.0	556.2	554.2	520.5	487.8	537.5			
G77.0	419.1	472.6	506.2	504.2	474.4	442.3	492.8			
G78.0	373.6	424.2	458.7	458.1	427.8	398.3	448.7			
G79.0	331.2	379.7	410.6	410.0	382.0	355.8	406.4			
G80.0	288.1	335.9	363.9	362.8	344.0	316.9	362.8			
G81.0	247.3	288.8	319.5	319.5	297.2	274.5	324.0			
G82.0	206.9	248.0	277.9	274.5	256.3	237.2	283.2			
G83.0	170.1	206.4	234.5	231.5	215.7	199.3	246.2			
G84.0	132.8	166.1	192.6	190.0	176.2	163.1	208.8			
G85.0	98.0	127.1	153.4	149.7	139.5	129.2	172.9			
G86.0	66.9	89.8	114.5	111.4	105.2	96.9	141.1			
G87.0	40.8	55.6	77.7	77.0	72.5	67.7	107.7			
G88.0	17.6	27.6	42.0	43.3	44.4	42.9	79.0			
G89.0	4.9	6.4	10.8	17.7	21.1	20.6	54.5			
G90.0	3.5	3.0	3.2	4.3	6.8	6.2	29.9			
G91.0	3.2	3.1	3.1	4.6	4.6	2.3	12.0			
G92.0	3.5	3.3	3.5	4.4	5.2	2.9	4.1			
G93.0	3.5	3.8	4.0	4.3	5.1	3.3	3.7			
G94.0	3.6	4.2	4.2	5.0	5.2	3.5	4.3			
G95.0	3.9	4.0	4.0	5.5	5.6	3.3	4.4			
G96.0	4.3	4.3	4.3	5.6	5.8	3.6	4.5			
G97.0	4.9	4.3	4.8	5.7	6.1	3.9	4.9			
G98.0	4.8	5.3	5.2	6.3	6.5	3.9	5.2			
G99.0	4.8	5.4	5.5	6.6	6.4	4.6	5.3			
G100.0	5.0	5.5	5.4	6.7	7.0	4.3	4.9			
G101.0	5.6	5.5	5.5	6.6	7.3	4.9	5.8			
G102.0	5.7	5.6	6.0	7.4	7.1	5.2	6.3			
G103.0	6.0	6.2	6.5	7.5	7.6	5.4	5.9			
G104.0	6.2	6.7	6.7	7.9	8.0	5.4	6.5			
G105.0	6.4	6.9	7.1	7.8	7.9	5.8	7.2			
G106.0	6.2	6.8	7.7	8.4	8.2	5.8	7.2			
G107.0	6.5	7.5	7.6	8.9	8.7	6.5	7.7			
G108.0	7.3	7.5	8.0	9.2	8.8	6.5	7.8			
G109.0	7.9	8.0	8.3	9.2	9.5	6.7	8.1			
G110.0	8.3	8.2	8.7	9.4	10.0	6.9	8.5			

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	7.9	8.1	8.8	9.9	10.0	7.7	8.6			
G112.0	8.7	8.9	9.4	10.3	10.2	7.5	8.9			
G113.0	8.9	9.4	9.8	10.4	11.1	8.2	9.4			
G114.0	9.3	9.8	10.1	11.0	10.9	8.4	9.8			
G115.0	9.6	10.3	10.0	11.0	10.9	8.2	10.2			
G116.0	10.0	10.5	11.1	11.6	11.7	9.0	10.7			
G117.0	10.1	10.6	11.6	11.7	11.9	9.3	11.0			
G118.0	10.4	11.0	11.3	12.4	12.3	9.5	11.3			
G119.0	10.7	11.4	11.7	12.8	12.6	9.6	11.5			
G120.0	11.4	11.8	11.6	12.6	13.5	10.2	11.9			
G121.0	11.2	12.0	12.4	13.2	13.0	10.8	12.7			
G122.0	11.9	12.5	13.1	13.5	13.7	10.7	12.7			
G123.0	12.1	12.9	13.5	13.8	14.2	11.4	12.9			
G124.0	12.5	12.9	13.3	14.4	14.2	11.8	13.5			
G125.0	13.0	13.6	14.2	14.4	14.9	12.5	13.6			
G126.0	13.4	13.9	14.3	15.3	14.9	12.0	14.2			
G127.0	14.2	14.2	14.8	15.4	15.1	13.2	15.2			
G128.0	14.2	14.7	15.1	15.8	16.1	13.1	15.2			
G129.0	14.3	15.0	15.8	16.6	16.1	13.3	15.4			
G130.0	14.9	15.0	16.0	16.7	16.9	14.0	16.2			
G131.0	14.9	15.7	16.4	16.9	17.2	14.5	15.8			
G132.0	15.7	16.0	17.0	17.4	17.3	14.2	16.7			
G133.0	15.9	16.7	17.0	17.5	18.1	15.1	16.6			
G134.0	16.5	16.9	17.9	18.0	18.2	15.7	17.3			
G135.0	16.9	17.4	18.1	18.7	18.7	15.7	17.7			
G136.0	17.5	17.4	18.7	18.5	19.1	15.8	17.7			
G137.0	18.3	18.4	18.3	19.3	18.9	16.4	18.7			
G138.0	17.6	18.0	19.2	19.4	19.9	17.3	19.1			
G139.0	18.2	18.7	19.4	19.6	20.4	17.6	19.2			
G140.0	18.7	19.1	19.9	20.3	20.5	17.6	19.6			
G141.0	18.7	19.9	20.1	21.6	20.6	18.2	20.2			
G142.0	19.6	19.7	20.1	21.5	21.0	18.9	20.2			
G143.0	20.1	20.2	21.1	21.5	21.2	19.0	21.0			
G144.0	19.9	20.3	21.6	22.2	22.0	19.4	20.7			
G145.0	20.5	21.2	21.9	21.9	22.2	19.5	21.5			
G146.0	21.2	21.6	22.5	22.5	22.4	19.9	21.7			
G147.0	21.7	21.8	22.4	22.8	22.6	20.5	21.9			

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	21.6	22.7	23.0	23.0	23.0	20.6	22.4			
G149.0	22.2	22.2	23.0	23.7	23.5	20.5	22.8			
G150.0	22.0	23.1	23.5	24.2	23.6	21.4	23.0			
G151.0	22.5	23.4	24.1	25.0	24.3	21.5	22.9			
G152.0	23.0	23.7	23.8	25.1	24.8	21.9	23.6			
G153.0	23.0	24.1	24.1	24.9	25.0	22.5	24.0			
G154.0	23.6	24.0	24.8	25.5	25.2	22.7	23.8			
G155.0	23.8	25.1	25.1	25.7	25.8	23.1	24.4			
G156.0	24.3	25.1	25.2	26.2	26.0	23.7	24.3			
G157.0	24.9	24.7	25.5	26.8	26.3	24.2	25.3			
G158.0	25.2	25.6	25.8	26.7	26.7	24.0	26.0			
G159.0	25.2	25.9	26.4	27.2	26.9	23.9	25.7			
G160.0	26.1	26.1	26.4	27.3	27.5	24.4	26.0			
G161.0	25.8	26.5	26.9	27.6	27.2	25.3	26.0			
G162.0	26.7	26.7	27.9	28.2	28.0	25.7	26.9			
G163.0	26.3	26.6	27.0	28.6	28.5	25.6	26.7			
G164.0	26.7	27.4	27.5	29.3	29.1	26.1	27.3			
G165.0	26.9	27.4	28.3	29.0	28.6	26.7	27.3			
G166.0	27.0	27.3	28.1	29.7	29.3	26.5	27.3			
G167.0	27.9	28.4	28.5	29.5	29.1	26.9	27.9			
G168.0	28.0	28.4	28.6	29.7	29.8	27.6	28.2			
G169.0	28.6	28.6	28.6	29.8	30.4	27.4	28.7			
G170.0	28.7	28.9	28.9	29.9	30.1	27.8	28.6			
G171.0	28.7	29.6	28.7	30.2	31.0	27.8	29.2			
G172.0	28.7	29.1	29.4	30.4	30.5	28.1	29.1			
G173.0	29.1	29.6	29.9	30.8	30.6	28.6	29.2			
G174.0	29.7	29.6	30.1	31.1	31.1	28.7	29.3			
G175.0	28.9	29.6	29.9	30.8	31.2	28.9	29.7			
G176.0	29.5	30.0	30.1	31.2	30.8	28.7	29.7			
G177.0	29.8	30.2	30.4	30.9	31.4	29.3	30.1			
G178.0	30.0	30.5	30.4	31.6	31.2	29.6	30.0			
G179.0	29.7	30.0	30.5	31.1	31.7	29.9	30.2			
G180.0	42.1	29.7	30.6	31.5	31.8	29.8	30.4			

C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector: