Report No.: Test Time: 2024/3/22 星期五 01:03

Luminaire Property

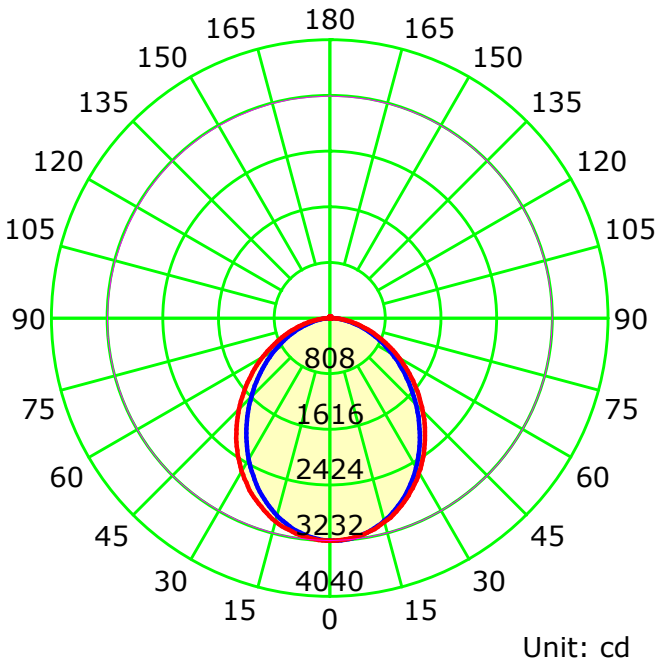
Luminaire Manufacturer:
Number of Lamps: 1
Lumens per Lamp: 7863.4 lm
Luminous Length (mm): 0 mm
Luminous Width (mm): 0 mm
Luminous Height (mm): 0 mm
Voltage: 120.0 V
Current: 0.490 A
Power: 60.10 W
Power Factor: 0.990

Photometric Results

CIE Class: Direct
Total Rated Lamp Lumens: 7863.4 lm
Measurement Flux: 7863.4 lm
Efficiency: 100.00%
Downward Ratio: 99.14%
Upward Ratio: 0.86%
Horizontal Diffuse Angle(10%,50%): H154.1,H93
Vertical Diffuse Angle(10%,50%): V158.5,V100.9
Luminaire Efficacy Rating (LER): 130.89
Central Intensity: 3231.76 cd
Max. Intensity: 3232.48 cd
Pos of Max. Intensity: H67.5 V1
S/MH(C0/C180): 1.13
S/MH(C90/C270): 1.19

Picture Of Luminaire

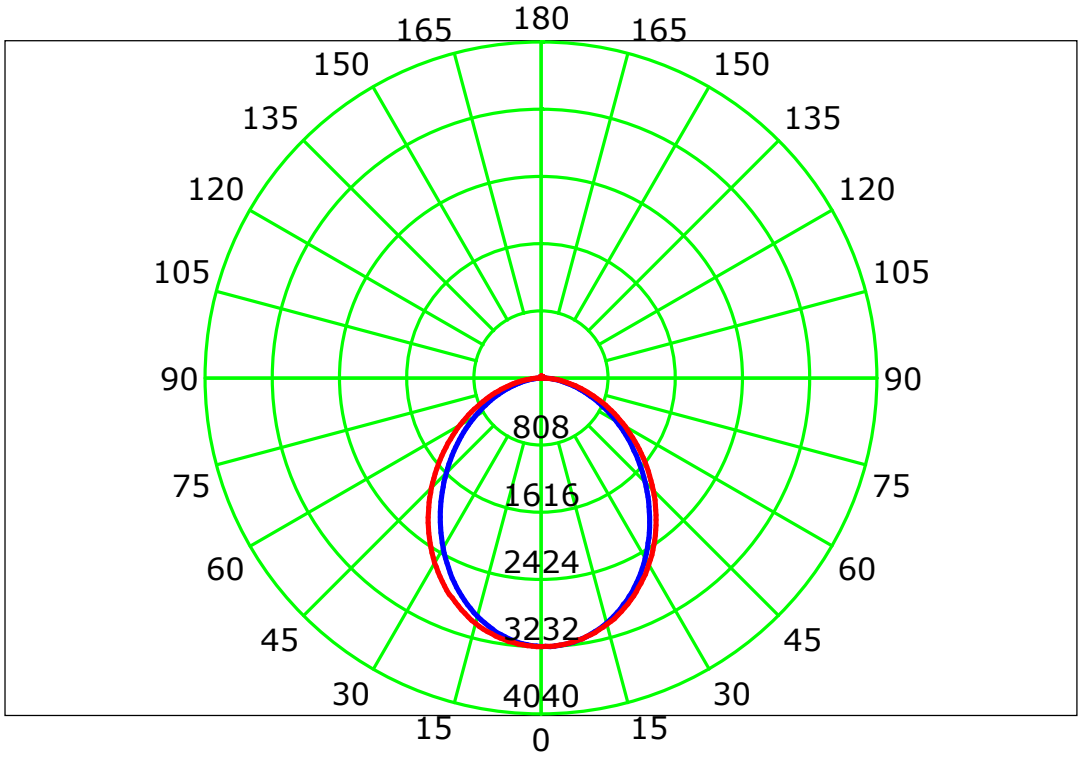
Luminous Intensity Distribution Curve

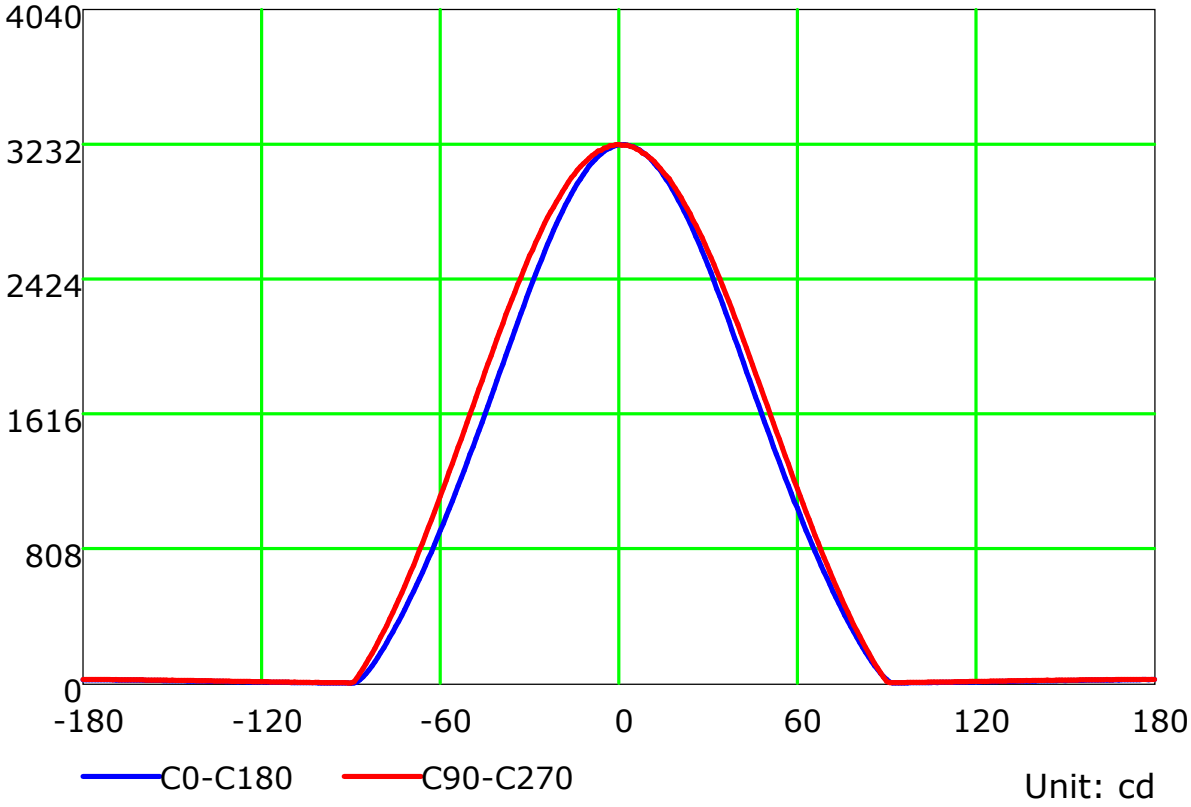


Unit: cd
Average Diffuse Angle(50%): 96.9°
C0-C180 C90-C270 G1

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

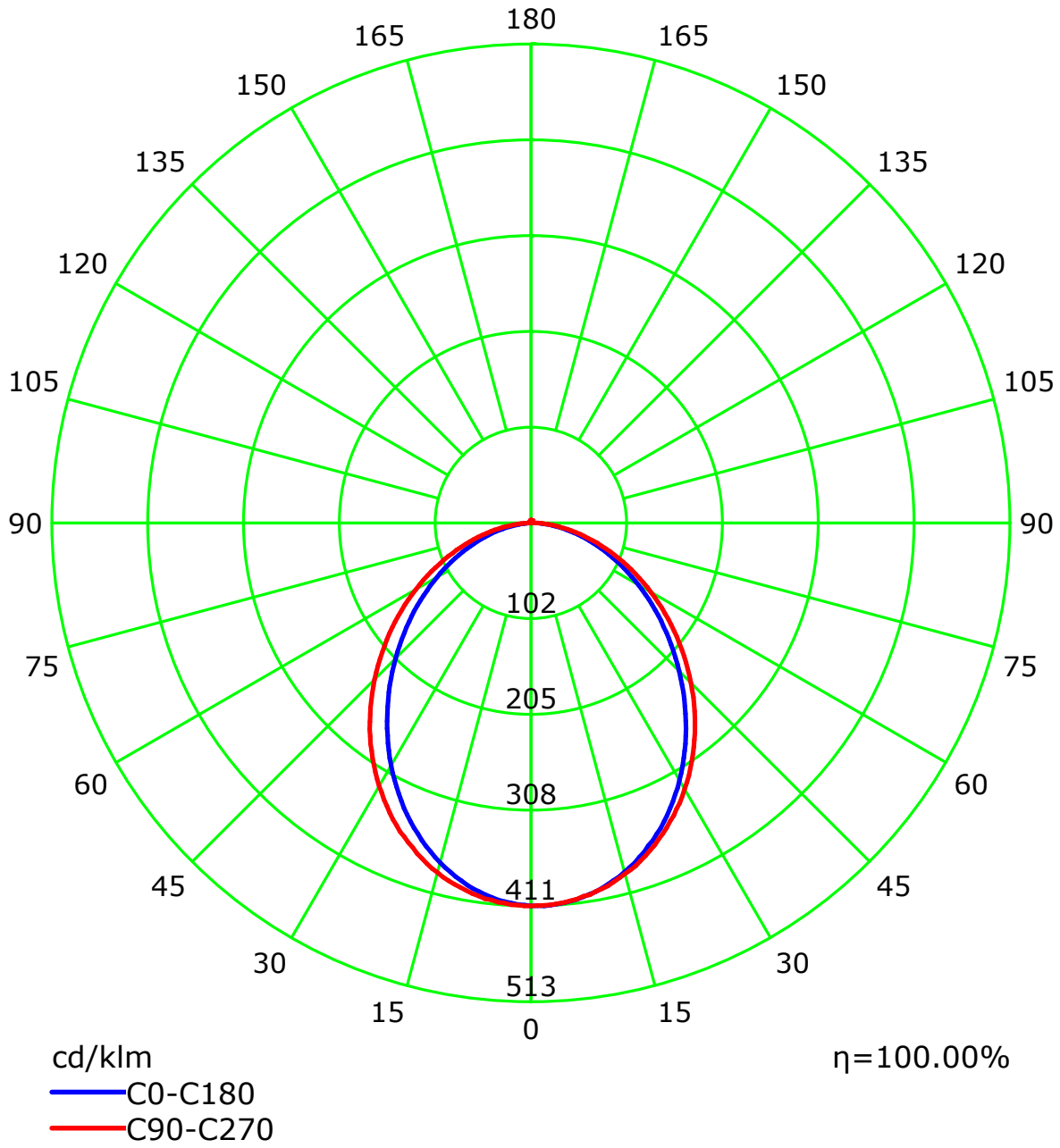




C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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:

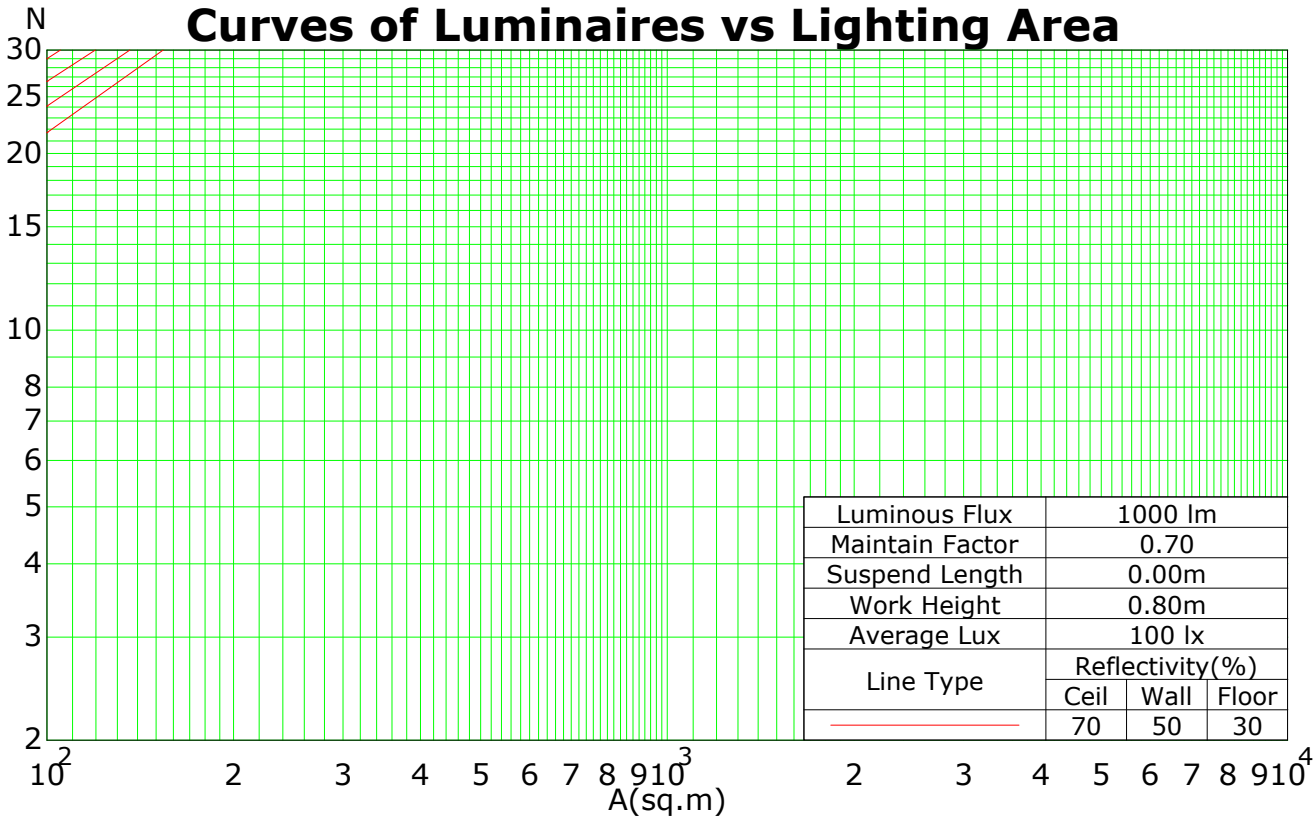
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

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	105	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	43	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	29	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

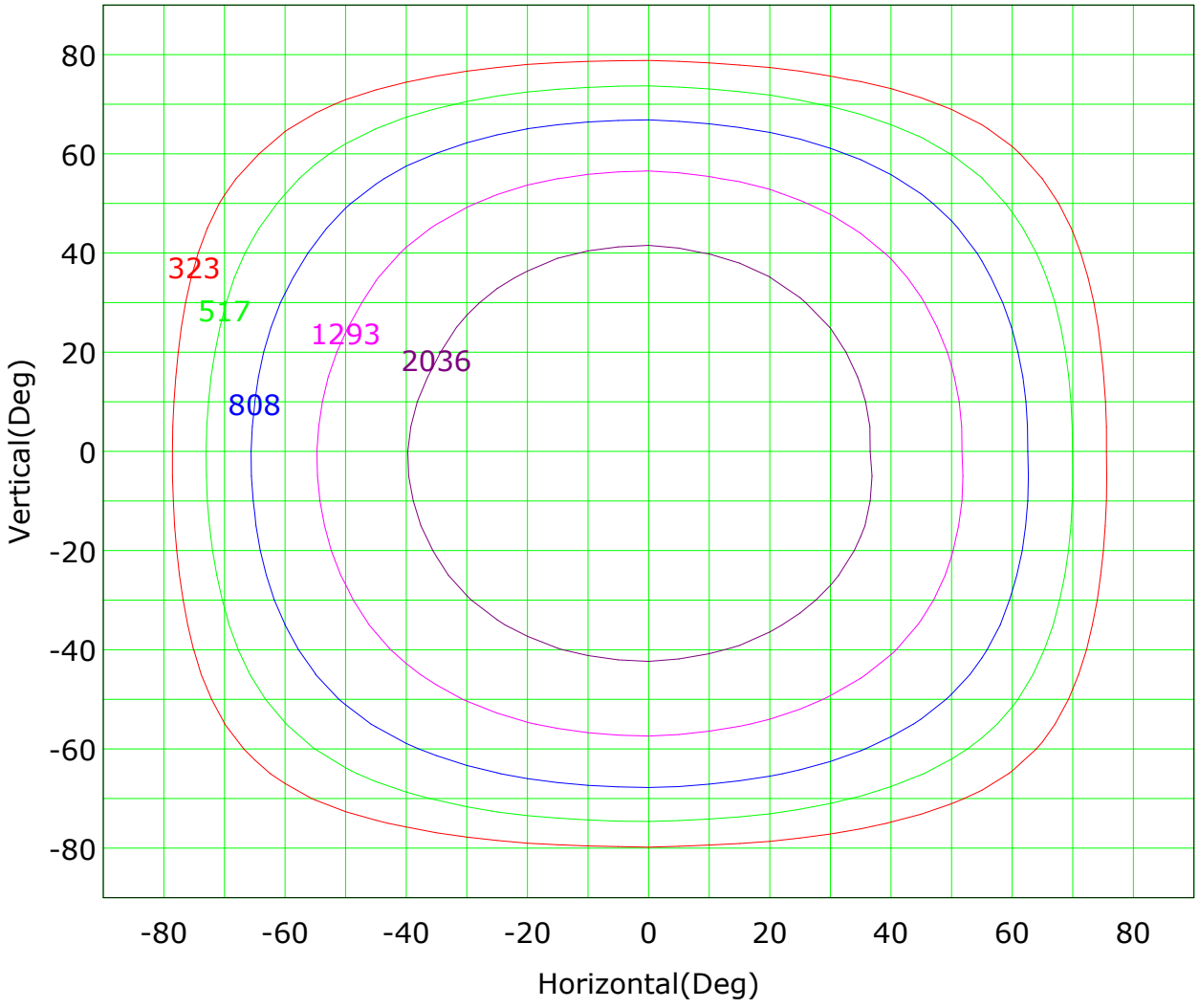
Curves of Luminaires vs Lighting Area



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)

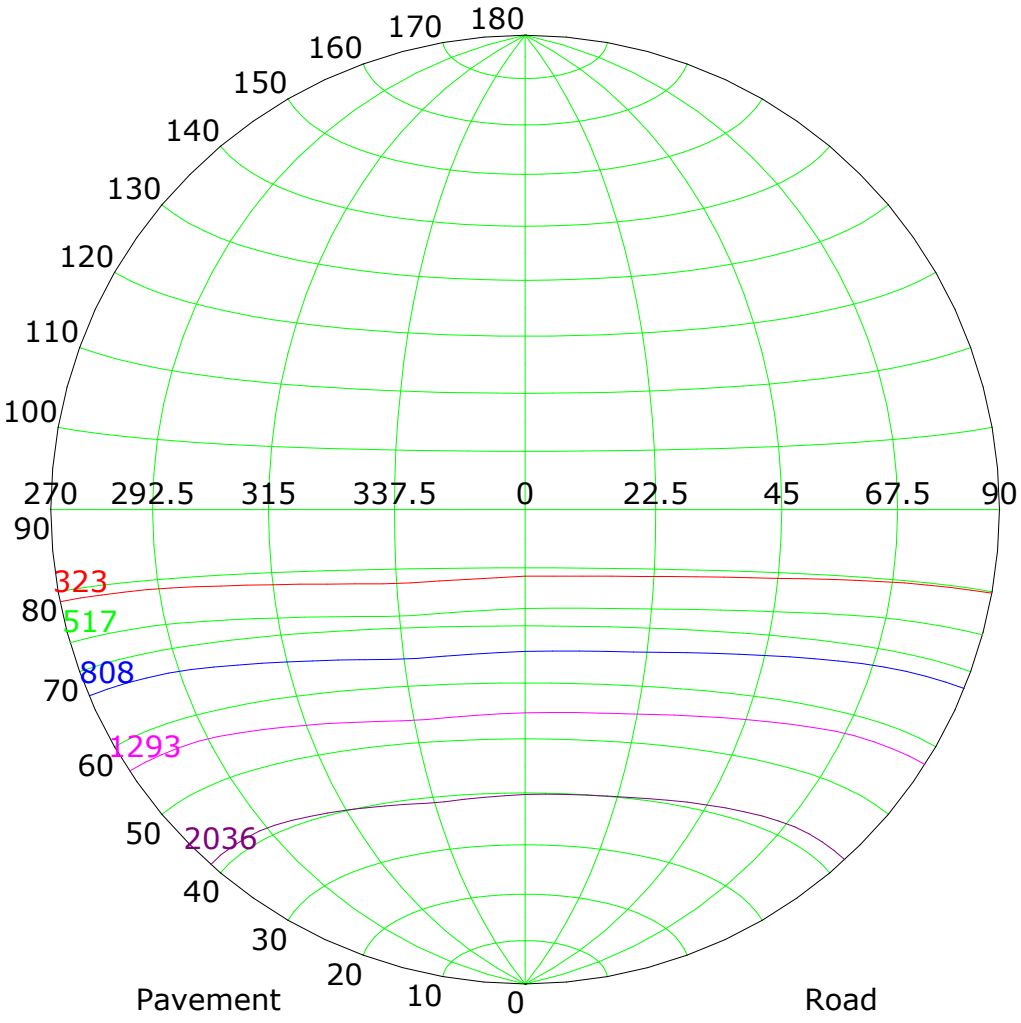


Imax (100%): 3232 cd

(10%): 323 cd
(16%): 517 cd
(25%): 808 cd
(40%): 1293 cd
(63%): 2036 cd
(100%): 3232 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)



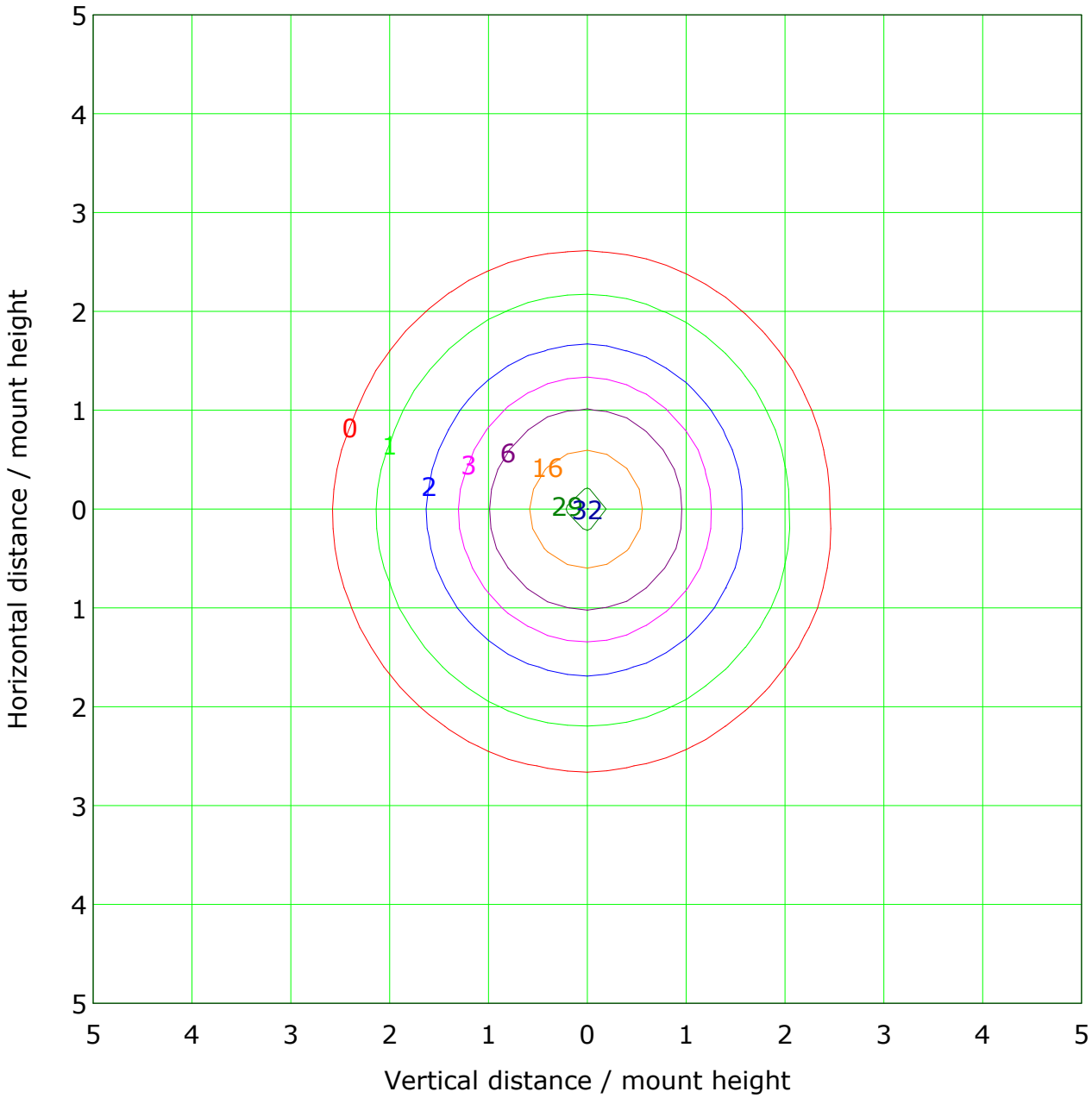
Imax (100%): 3232 cd

(10%): 323 cd	(16%): 517 cd
(25%): 808 cd	(40%): 1293 cd
(63%): 2036 cd	(100%): 3232 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



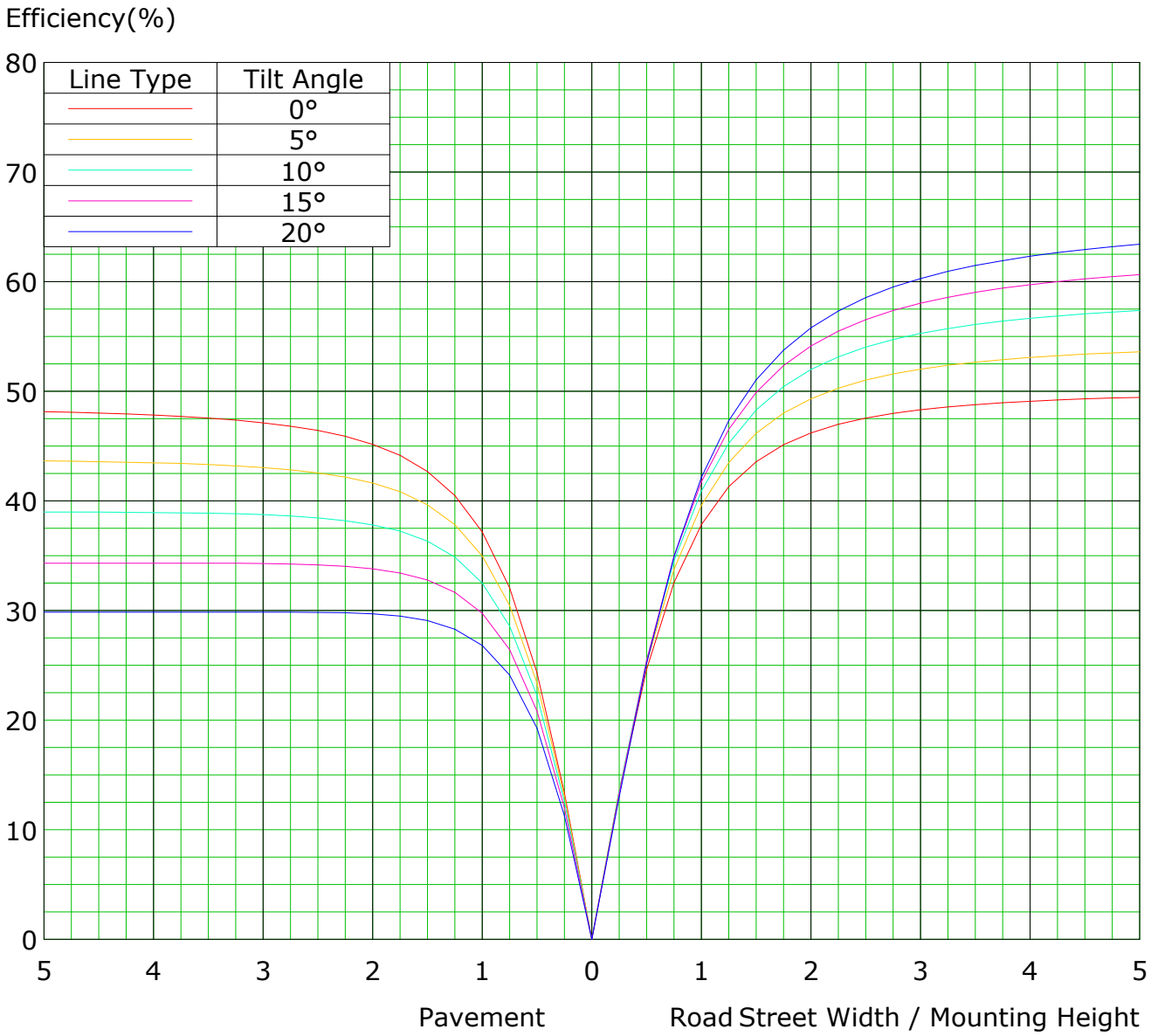
Mounting Height: 10.0m Max Lux(100%): 32.3 lx

(1%): 0.3 lx	(2%): 0.6 lx
(5%): 1.6 lx	(10%): 3.2 lx
(20%): 6.5 lx	(50%): 16.2 lx
(90%): 29.1 lx	(100%): 32.3 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

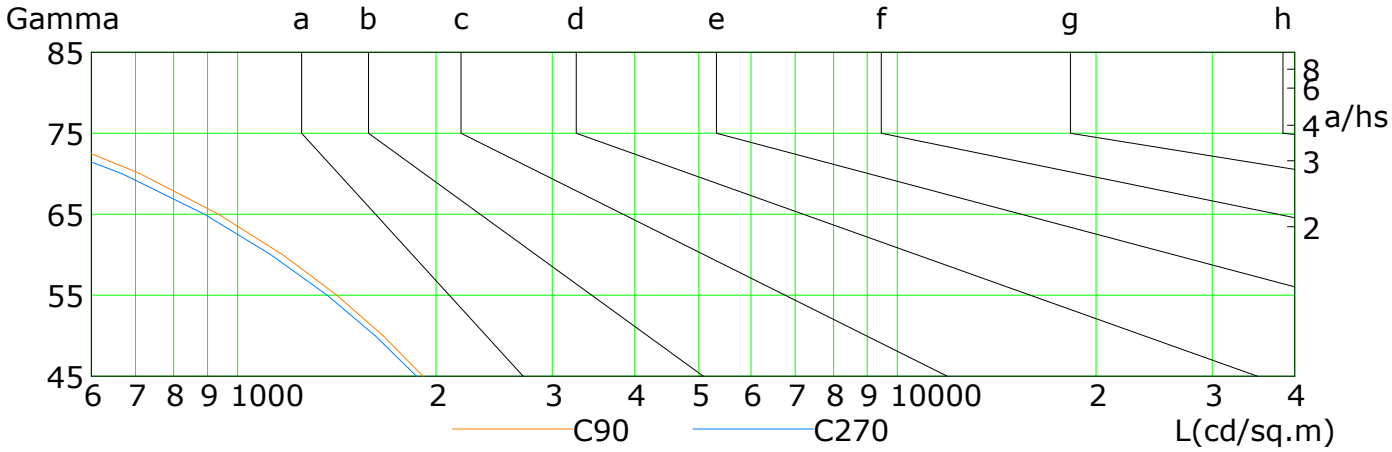


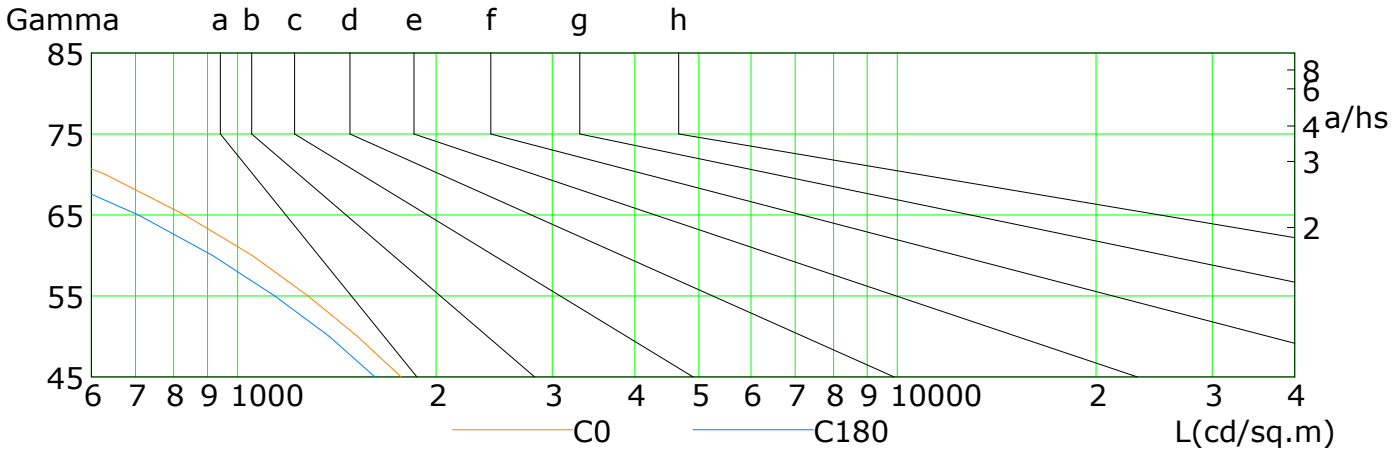
C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



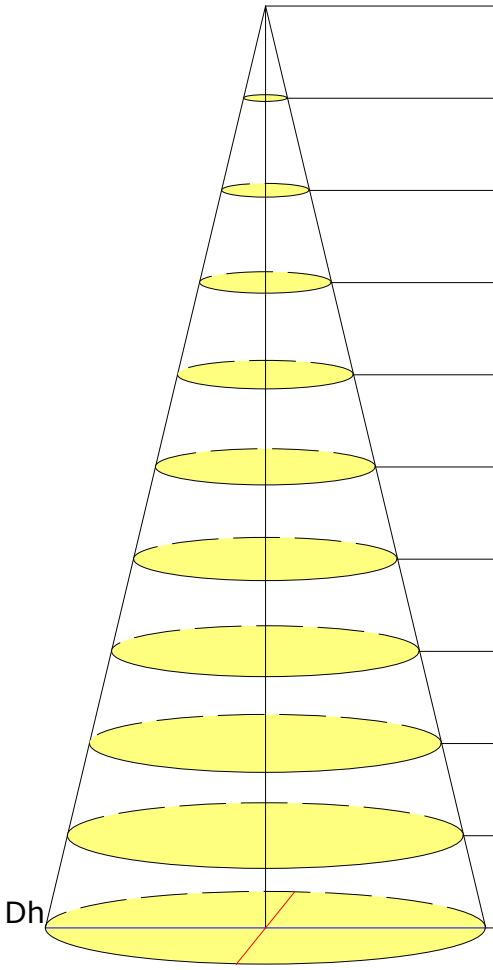


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1769	1519	1279	1052	831	630	444	276	132
C90	1909	1661	1414	1169	935	711	504	317	152
C180	1615	1376	1139	916	707	515	342	185	59
C270	1868	1615	1368	1122	891	668	463	278	118

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)



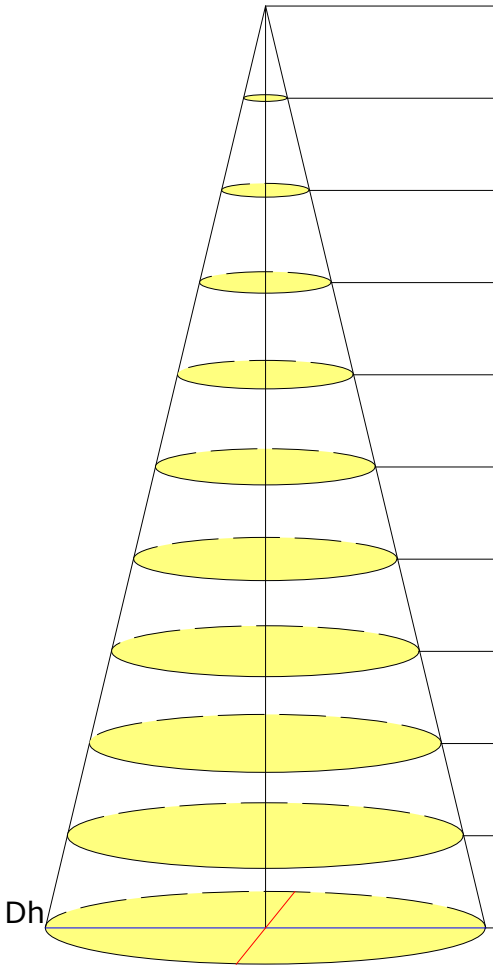
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	3231.76	2.11/2.42	4.0	727.25
2.0	807.94	4.22/4.84	16.1	181.81
3.0	359.08	6.33/7.26	36.3	80.81
4.0	201.99	8.43/9.68	64.5	45.45
5.0	129.27	10.54/12.10	100.8	29.09
6.0	89.77	12.65/14.52	145.1	20.20
7.0	65.95	14.76/16.94	197.5	14.84
8.0	50.50	16.87/19.36	258.0	11.36
9.0	39.90	18.98/21.78	326.5	8.98
10.0	32.32	21.09/24.20	403.1	7.27

Beam Angle(B): H93.0 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)



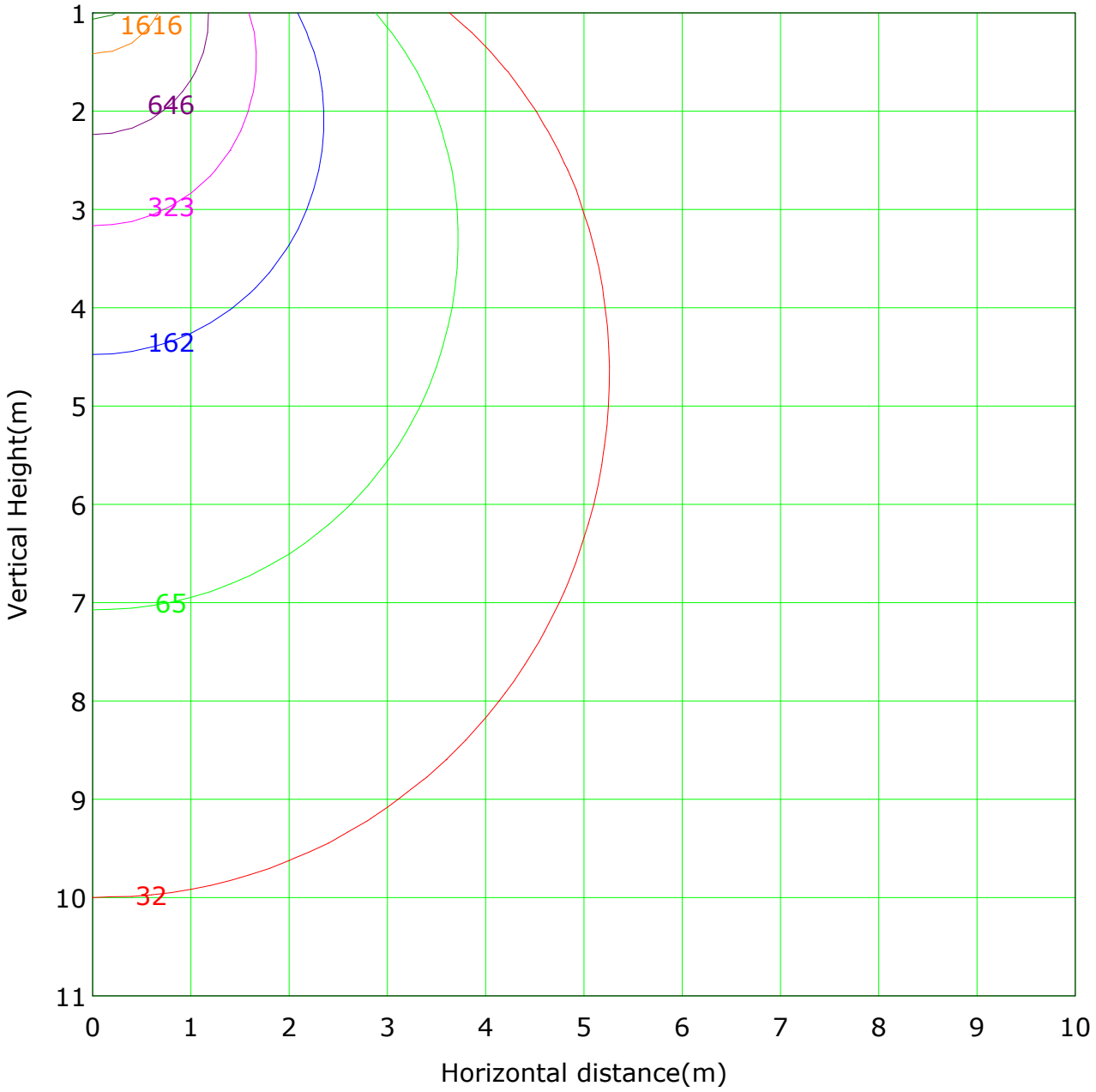
Dist(m)	Enadir(lx)	Dh/Dv_F(m)	S_F(sq.m)	Eav_F(lx)
1.0	3231.76	8.71/10.55	72.9	24.75
2.0	807.94	17.42/21.10	291.5	6.19
3.0	359.08	26.12/31.65	656.0	2.75
4.0	201.99	34.83/42.20	1166.2	1.55
5.0	129.27	43.54/52.75	1822.2	0.99
6.0	89.77	52.25/63.29	2623.9	0.69
7.0	65.95	60.95/73.84	3571.5	0.51
8.0	50.50	69.66/84.39	4664.8	0.39
9.0	39.90	78.37/94.94	5903.9	0.31
10.0	32.32	87.08/105.49	7288.7	0.25

Beam Angle(B): H93.0 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: 3231.8 lx

(1%): 32.3 lx	(2%): 64.6 lx
(5%): 161.6 lx	(10%): 323.2 lx
(20%): 646.4 lx	(50%):1615.9 lx
(90%):2908.6 lx	(100%):3231.8 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	0.2	0.6	1.1	1.8	2.5	3.1	3.6	3.7	3.4	2.9	2.2	1.6	1.0	0.5	0.2	0.1	28.6	0.0	
-80	0.0	0.3	1.3	2.9	5.2	7.8	10.4	12.5	13.8	14.0	13.0	11.1	8.6	5.9	3.6	1.8	0.7	0.1	112.9	77.8	
-70	0.1	0.8	2.7	6.0	10.2	15.2	20.1	24.1	26.5	26.8	24.8	21.0	16.2	11.2	6.7	3.3	1.2	0.2	217.0	206.3	
-60	0.1	1.3	4.2	9.2	15.7	23.3	30.8	37.0	40.8	41.1	37.9	32.0	24.5	16.8	10.0	4.9	1.7	0.3	331.6	325.8	
-50	0.2	1.7	5.7	12.3	21.2	31.4	41.8	50.5	55.6	56.0	51.5	43.2	32.9	22.4	13.3	6.5	2.3	0.3	448.8	445.2	
-40	0.2	2.2	7.1	15.1	26.2	39.1	52.2	63.4	69.9	70.3	64.6	53.9	40.8	27.6	16.3	8.0	2.8	0.4	559.8	557.2	
-30	0.2	2.5	8.1	17.5	30.3	45.6	61.2	74.4	82.2	82.6	75.7	63.0	47.4	31.9	19.0	9.3	3.2	0.4	654.4	652.3	
-20	0.3	2.7	8.9	19.2	33.3	50.2	67.7	82.5	91.1	91.5	83.7	69.6	52.4	35.5	21.0	10.2	3.5	0.5	723.9	722.0	
-10	0.3	2.8	9.3	20.0	34.8	52.6	71.0	86.6	95.8	96.2	88.2	73.8	55.8	37.7	22.2	10.8	3.6	0.5	762.0	760.2	
0	0.3	2.9	9.3	20.2	35.1	53.1	71.7	87.2	96.1	96.5	88.8	74.4	56.3	38.0	22.4	10.8	3.6	0.5	767.2	765.5	
10	0.3	2.8	9.1	19.7	34.2	51.6	69.2	83.5	91.7	92.0	84.6	70.9	53.6	36.3	21.5	10.4	3.5	0.5	735.4	733.5	
20	0.2	2.6	8.5	18.3	31.6	47.1	62.7	75.6	83.1	83.4	76.6	64.2	48.7	33.1	19.7	9.6	3.3	0.4	668.7	666.7	
30	0.2	2.3	7.5	16.1	27.4	40.6	53.8	64.8	71.1	71.4	65.6	55.1	42.0	28.7	17.1	8.4	2.9	0.4	575.4	573.0	
40	0.2	1.9	6.2	13.2	22.4	32.9	43.3	52.0	57.0	57.2	52.7	44.4	34.0	23.5	14.1	7.0	2.4	0.3	464.9	461.6	
50	0.1	1.4	4.8	10.0	16.9	24.6	32.3	38.6	42.2	42.4	39.2	33.2	25.6	17.8	10.8	5.4	1.9	0.3	347.5	342.7	
60	0.1	1.0	3.2	6.8	11.3	16.4	21.5	25.6	28.0	28.1	26.0	22.2	17.2	12.1	7.4	3.8	1.4	0.2	232.1	223.1	
70	0.0	0.5	1.7	3.6	6.1	8.9	11.6	13.8	15.1	15.2	14.1	12.1	9.5	6.7	4.2	2.2	0.8	0.1	126.4	97.2	
80	0.0	0.1	0.5	1.0	1.7	2.5	3.4	4.1	4.6	4.7	4.3	3.7	2.9	2.1	1.4	0.8	0.4	0.1	38.3	0.0	
90	2.7	29.8	98.4	211.6	364.6	544.5	727.4	879.4	968.1	973.3	894.7	750.5	570.6	388.9	231.9	113.8	39.3	5.5	7795		
Flux(T)	0.0	13.8	86.3	200.5	354.0	534.2	717.3	869.4	958.3	964.0	884.4	740.5	560.3	378.5	221.0	102.4	25.1	0.0		7610	
Flux(E)																					

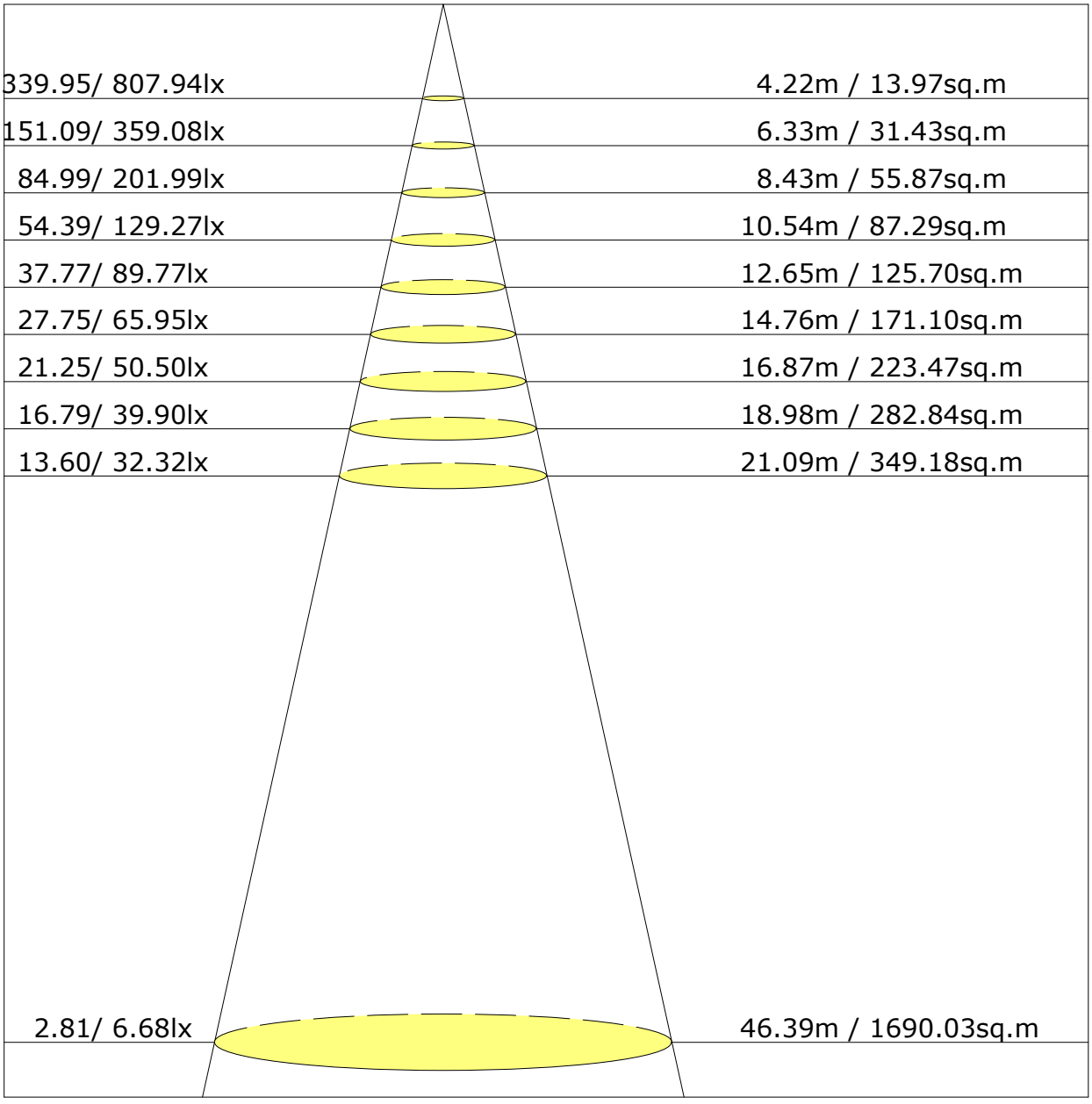
Horizontal plane

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: 4748.15lm



Height	Avg./Nadir. E	Beam Angle:93.0°	Diameter / Area
2.0m	339.95/ 807.94lx		4.22m / 13.97sq.m
3.0m	151.09/ 359.08lx		6.33m / 31.43sq.m
4.0m	84.99/ 201.99lx		8.43m / 55.87sq.m
5.0m	54.39/ 129.27lx		10.54m / 87.29sq.m
6.0m	37.77/ 89.77lx		12.65m / 125.70sq.m
7.0m	27.75/ 65.95lx		14.76m / 171.10sq.m
8.0m	21.25/ 50.50lx		16.87m / 223.47sq.m
9.0m	16.79/ 39.90lx		18.98m / 282.84sq.m
10.0m	13.60/ 32.32lx		21.09m / 349.18sq.m
22.0m	2.81/ 6.68lx		46.39m / 1690.03sq.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

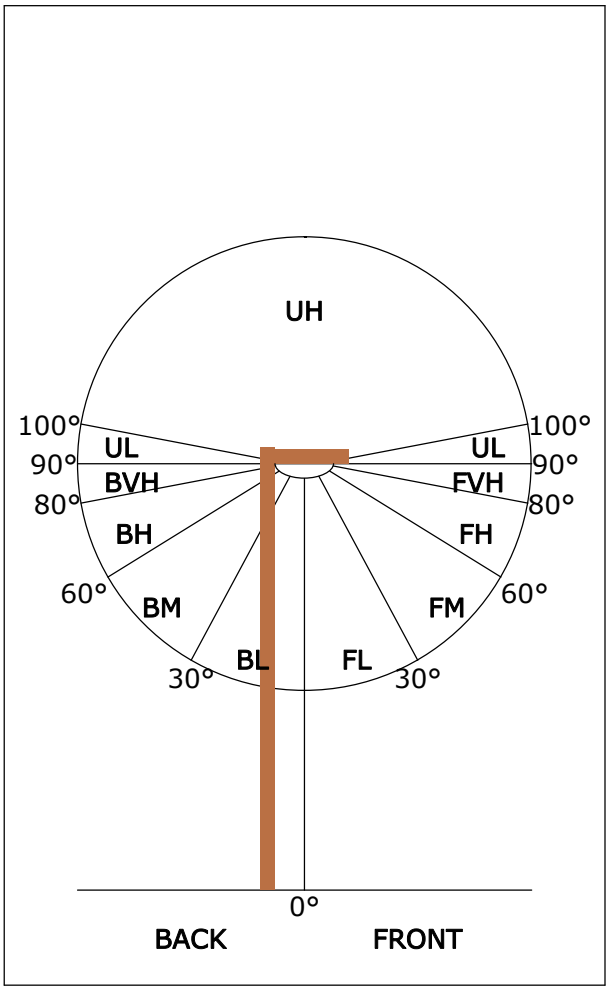
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
3H	-1.$	-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 7863lm (8log(F/F0) = 7.2).

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



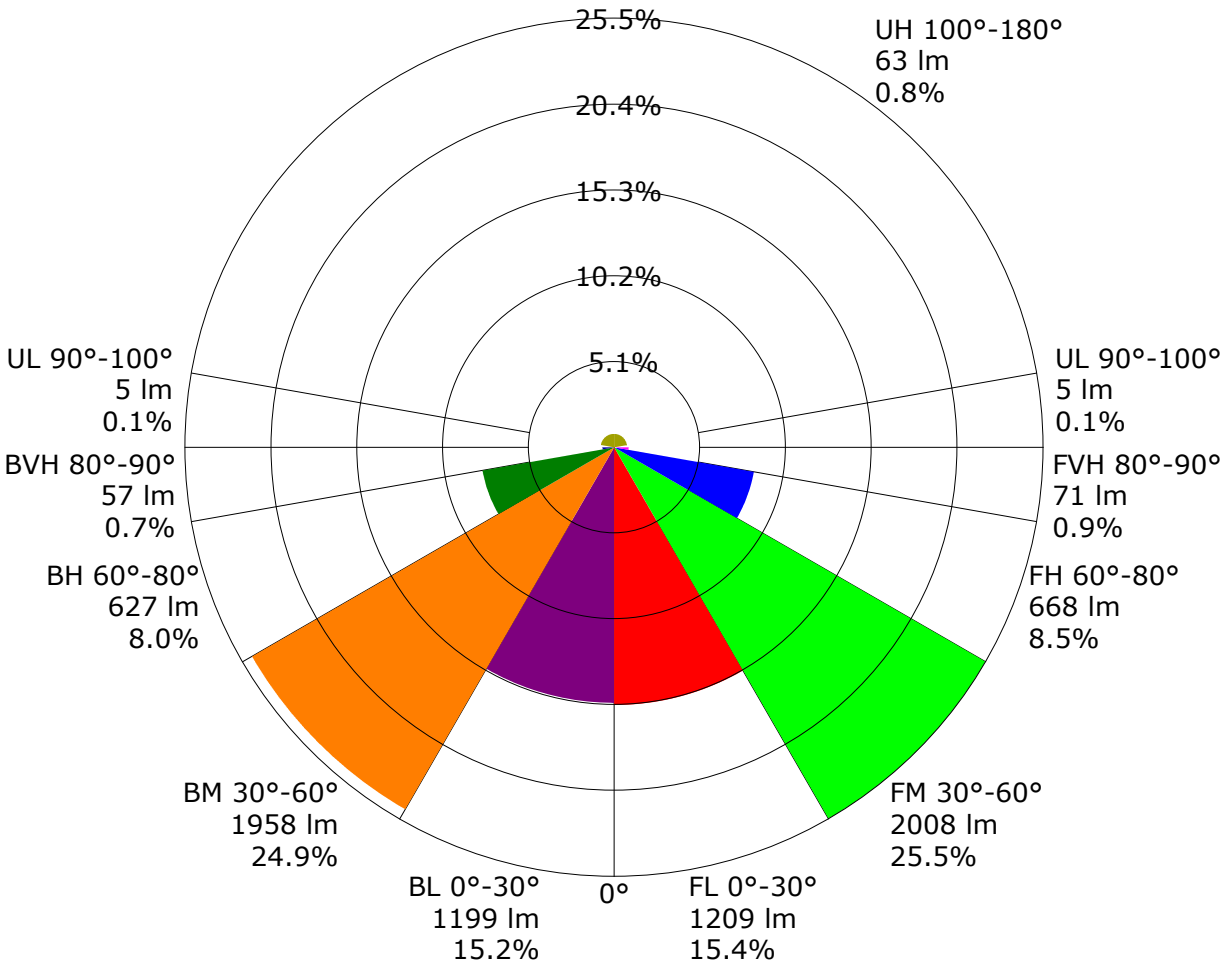
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	3956	50.3
FL (0°-30°)	1209	15.4
FM (30°-60°)	2008	25.5
FH (60°-80°)	668	8.5
FVH (80°-90°)	71	0.9
BACK LIGHT	3839	48.8
BL (0°-30°)	1199	15.2
BM (30°-60°)	1958	24.9
BH (60°-80°)	627	8.0
BVH (80°-90°)	57	0.7
UP LIGHT	68	0.9
UL (90°-100°)	5	0.1
UH (100°-180°)	63	0.8
TRAPPED LIGHT	NA	NA

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:NA,NA

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:60W 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	0.63	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	0.34	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	0.56	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:60W 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	0.17	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		0.06	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:60W 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	3230.5	3.1	3.1	0.04	0.04
1.0-2.0	3228.1	9.3	12.4	0.12	0.16
2.0-3.0	3224.9	15.4	27.8	0.20	0.35
3.0-4.0	3219.5	21.6	49.3	0.27	0.63
4.0-5.0	3212.4	27.6	77.0	0.35	0.98
5.0-6.0	3204.2	33.7	110.7	0.43	1.41
6.0-7.0	3194.2	39.7	150.3	0.50	1.91
7.0-8.0	3181.4	45.5	195.8	0.58	2.49
8.0-9.0	3167.5	51.3	247.2	0.65	3.14
9.0-10.0	3152.2	57.1	304.2	0.73	3.87
10.0-11.0	3134.3	62.6	366.9	0.80	4.67
11.0-12.0	3115.4	68.1	435.0	0.87	5.53
12.0-13.0	3095.0	73.5	508.4	0.93	6.47
13.0-14.0	3073.0	78.7	587.1	1.00	7.47
14.0-15.0	3049.3	83.7	670.8	1.06	8.53
15.0-16.0	3024.4	88.6	759.5	1.13	9.66
16.0-17.0	2997.6	93.4	852.8	1.19	10.85
17.0-18.0	2968.7	97.9	950.7	1.24	12.09
18.0-19.0	2939.5	102.3	1053.0	1.30	13.39
19.0-20.0	2908.3	106.5	1159.5	1.35	14.75
20.0-21.0	2875.5	110.4	1269.9	1.40	16.15
21.0-22.0	2841.9	114.2	1384.1	1.45	17.60
22.0-23.0	2806.9	117.8	1501.9	1.50	19.10
23.0-24.0	2770.4	121.1	1623.1	1.54	20.64
24.0-25.0	2732.4	124.3	1747.3	1.58	22.22
25.0-26.0	2693.6	127.2	1874.5	1.62	23.84
26.0-27.0	2653.6	129.8	2004.3	1.65	25.49
27.0-28.0	2613.3	132.3	2136.6	1.68	27.17
28.0-29.0	2571.6	134.6	2271.2	1.71	28.88
29.0-30.0	2528.2	136.5	2407.7	1.74	30.62
30.0-31.0	2485.0	138.3	2546.0	1.76	32.38
31.0-32.0	2441.1	139.9	2685.9	1.78	34.16
32.0-33.0	2395.6	141.1	2827.0	1.80	35.95
33.0-34.0	2349.9	142.2	2969.3	1.81	37.76
34.0-35.0	2303.3	143.1	3112.3	1.82	39.58
35.0-36.0	2255.4	143.6	3256.0	1.83	41.41

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	2207.6	144.0	3400.0	1.83	43.24
37.0-38.0	2159.5	144.2	3544.1	1.83	45.07
38.0-39.0	2110.8	144.1	3688.2	1.83	46.90
39.0-40.0	2061.6	143.8	3832.0	1.83	48.73
40.0-41.0	2012.8	143.3	3975.4	1.82	50.56
41.0-42.0	1963.6	142.7	4118.0	1.81	52.37
42.0-43.0	1914.2	141.8	4259.9	1.80	54.17
43.0-44.0	1864.4	140.7	4400.6	1.79	55.96
44.0-45.0	1814.0	139.4	4540.0	1.77	57.74
45.0-46.0	1763.9	138.0	4678.0	1.75	59.49
46.0-47.0	1714.3	136.4	4814.4	1.73	61.22
47.0-48.0	1664.9	134.6	4949.0	1.71	62.94
48.0-49.0	1615.2	132.7	5081.6	1.69	64.62
49.0-50.0	1565.5	130.5	5212.2	1.66	66.28
50.0-51.0	1516.3	128.3	5340.5	1.63	67.92
51.0-52.0	1467.1	125.9	5466.4	1.60	69.52
52.0-53.0	1418.2	123.4	5589.8	1.57	71.09
53.0-54.0	1370.2	120.8	5710.5	1.54	72.62
54.0-55.0	1322.0	118.0	5828.6	1.50	74.12
55.0-56.0	1274.0	115.1	5943.7	1.46	75.59
56.0-57.0	1226.5	112.2	6055.9	1.43	77.01
57.0-58.0	1179.2	109.1	6164.9	1.39	78.40
58.0-59.0	1132.2	105.9	6270.8	1.35	79.75
59.0-60.0	1085.8	102.6	6373.4	1.30	81.05
60.0-61.0	1039.9	99.3	6472.6	1.26	82.31
61.0-62.0	994.2	95.8	6568.4	1.22	83.53
62.0-63.0	949.1	92.3	6660.8	1.17	84.71
63.0-64.0	904.8	88.8	6749.6	1.13	85.84
64.0-65.0	860.5	85.2	6834.7	1.08	86.92
65.0-66.0	816.7	81.5	6916.2	1.04	87.95
66.0-67.0	773.8	77.8	6994.1	0.99	88.94
67.0-68.0	731.4	74.1	7068.2	0.94	89.89
68.0-69.0	689.8	70.4	7138.5	0.90	90.78
69.0-70.0	649.2	66.7	7205.2	0.85	91.63
70.0-71.0	608.7	62.9	7268.2	0.80	92.43
71.0-72.0	568.6	59.1	7327.3	0.75	93.18

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	529.7	55.4	7382.7	0.70	93.89
73.0-74.0	491.3	51.7	7434.3	0.66	94.54
74.0-75.0	453.6	47.9	7482.3	0.61	95.15
75.0-76.0	416.8	44.3	7526.5	0.56	95.72
76.0-77.0	380.7	40.6	7567.1	0.52	96.23
77.0-78.0	345.3	37.0	7604.1	0.47	96.70
78.0-79.0	311.0	33.4	7637.5	0.43	97.13
79.0-80.0	277.9	30.0	7667.5	0.38	97.51
80.0-81.0	245.1	26.5	7694.0	0.34	97.85
81.0-82.0	213.3	23.1	7717.1	0.29	98.14
82.0-83.0	182.6	19.9	7737.0	0.25	98.39
83.0-84.0	152.8	16.7	7753.6	0.21	98.60
84.0-85.0	124.2	13.6	7767.2	0.17	98.78
85.0-86.0	97.2	10.6	7777.8	0.14	98.91
86.0-87.0	71.8	7.9	7785.7	0.10	99.01
87.0-88.0	48.5	5.3	7791.0	0.07	99.08
88.0-89.0	28.6	3.1	7794.1	0.04	99.12
89.0-90.0	14.1	1.5	7795.7	0.02	99.14
90.0-91.0	6.2	0.7	7796.3	0.01	99.15
91.0-92.0	3.7	0.4	7796.7	0.01	99.15
92.0-93.0	3.4	0.4	7797.1	0.00	99.16
93.0-94.0	3.6	0.4	7797.5	0.00	99.16
94.0-95.0	3.8	0.4	7797.9	0.01	99.17
95.0-96.0	3.9	0.4	7798.3	0.01	99.17
96.0-97.0	4.1	0.5	7798.8	0.01	99.18
97.0-98.0	4.3	0.5	7799.3	0.01	99.18
98.0-99.0	4.5	0.5	7799.7	0.01	99.19
99.0-100.0	4.7	0.5	7800.3	0.01	99.20
100.0-101.0	4.9	0.5	7800.8	0.01	99.20
101.0-102.0	5.1	0.6	7801.3	0.01	99.21
102.0-103.0	5.4	0.6	7801.9	0.01	99.22
103.0-104.0	5.6	0.6	7802.5	0.01	99.23
104.0-105.0	5.8	0.6	7803.1	0.01	99.23
105.0-106.0	6.0	0.6	7803.8	0.01	99.24
106.0-107.0	6.2	0.7	7804.4	0.01	99.25
107.0-108.0	6.4	0.7	7805.1	0.01	99.26

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	6.8	0.7	7805.8	0.01	99.27
109.0-110.0	7.1	0.7	7806.5	0.01	99.28
110.0-111.0	7.3	0.7	7807.3	0.01	99.29
111.0-112.0	7.5	0.8	7808.0	0.01	99.30
112.0-113.0	7.8	0.8	7808.8	0.01	99.31
113.0-114.0	8.1	0.8	7809.6	0.01	99.32
114.0-115.0	8.4	0.8	7810.5	0.01	99.33
115.0-116.0	8.6	0.9	7811.3	0.01	99.34
116.0-117.0	8.9	0.9	7812.2	0.01	99.35
117.0-118.0	9.1	0.9	7813.1	0.01	99.36
118.0-119.0	9.3	0.9	7814.0	0.01	99.37
119.0-120.0	9.6	0.9	7814.9	0.01	99.38
120.0-121.0	9.9	0.9	7815.8	0.01	99.39
121.0-122.0	10.2	1.0	7816.8	0.01	99.41
122.0-123.0	10.5	1.0	7817.7	0.01	99.42
123.0-124.0	10.7	1.0	7818.7	0.01	99.43
124.0-125.0	11.0	1.0	7819.7	0.01	99.44
125.0-126.0	11.4	1.0	7820.7	0.01	99.46
126.0-127.0	11.6	1.0	7821.8	0.01	99.47
127.0-128.0	11.8	1.0	7822.8	0.01	99.48
128.0-129.0	12.1	1.0	7823.8	0.01	99.50
129.0-130.0	12.5	1.1	7824.9	0.01	99.51
130.0-131.0	12.8	1.1	7825.9	0.01	99.52
131.0-132.0	13.1	1.1	7827.0	0.01	99.54
132.0-133.0	13.4	1.1	7828.1	0.01	99.55
133.0-134.0	13.7	1.1	7829.2	0.01	99.56
134.0-135.0	13.9	1.1	7830.3	0.01	99.58
135.0-136.0	14.2	1.1	7831.4	0.01	99.59
136.0-137.0	14.5	1.1	7832.4	0.01	99.61
137.0-138.0	14.8	1.1	7833.5	0.01	99.62
138.0-139.0	15.1	1.1	7834.6	0.01	99.63
139.0-140.0	15.4	1.1	7835.7	0.01	99.65
140.0-141.0	15.6	1.1	7836.8	0.01	99.66
141.0-142.0	15.8	1.1	7837.9	0.01	99.68
142.0-143.0	16.1	1.1	7839.0	0.01	99.69
143.0-144.0	16.4	1.1	7840.0	0.01	99.70

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	16.6	1.1	7841.1	0.01	99.72
145.0-146.0	16.9	1.1	7842.2	0.01	99.73
146.0-147.0	17.3	1.0	7843.2	0.01	99.74
147.0-148.0	17.6	1.0	7844.2	0.01	99.76
148.0-149.0	17.8	1.0	7845.3	0.01	99.77
149.0-150.0	17.9	1.0	7846.2	0.01	99.78
150.0-151.0	18.2	1.0	7847.2	0.01	99.79
151.0-152.0	18.5	1.0	7848.2	0.01	99.81
152.0-153.0	18.8	1.0	7849.1	0.01	99.82
153.0-154.0	18.9	0.9	7850.1	0.01	99.83
154.0-155.0	19.2	0.9	7851.0	0.01	99.84
155.0-156.0	19.5	0.9	7851.9	0.01	99.85
156.0-157.0	19.7	0.9	7852.7	0.01	99.86
157.0-158.0	19.9	0.8	7853.6	0.01	99.87
158.0-159.0	20.1	0.8	7854.4	0.01	99.89
159.0-160.0	20.4	0.8	7855.2	0.01	99.90
160.0-161.0	20.7	0.8	7855.9	0.01	99.90
161.0-162.0	20.9	0.7	7856.6	0.01	99.91
162.0-163.0	21.0	0.7	7857.3	0.01	99.92
163.0-164.0	21.2	0.7	7858.0	0.01	99.93
164.0-165.0	21.4	0.6	7858.6	0.01	99.94
165.0-166.0	21.6	0.6	7859.2	0.01	99.95
166.0-167.0	21.8	0.6	7859.8	0.01	99.95
167.0-168.0	22.0	0.5	7860.3	0.01	99.96
168.0-169.0	22.2	0.5	7860.8	0.01	99.97
169.0-170.0	22.3	0.4	7861.2	0.01	99.97
170.0-171.0	22.4	0.4	7861.6	0.01	99.98
171.0-172.0	22.6	0.4	7862.0	0.00	99.98
172.0-173.0	22.8	0.3	7862.3	0.00	99.99
173.0-174.0	22.9	0.3	7862.6	0.00	99.99
174.0-175.0	23.0	0.2	7862.8	0.00	99.99
175.0-176.0	23.1	0.2	7863.0	0.00	100.00
176.0-177.0	23.3	0.2	7863.2	0.00	100.00
177.0-178.0	23.3	0.1	7863.3	0.00	100.00
178.0-179.0	23.3	0.1	7863.4	0.00	100.00
179.0-180.0	23.4	0.0	7863.4	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	3231.8	3231.8	3231.8	3231.8	3231.8	3231.8	3231.8	3231.8	3231.8	3231.8
G1.0	3228.8	3229.0	3231.8	3232.5	3228.6	3228.3	3230.3	3228.3	3225.2	3227.2
G2.0	3232.2	3231.8	3230.9	3222.9	3228.1	3225.8	3229.6	3225.3	3220.7	3223.4
G3.0	3228.4	3230.7	3228.8	3225.2	3227.1	3222.6	3222.2	3221.6	3210.9	3210.7
G4.0	3222.6	3221.6	3225.3	3223.4	3220.7	3219.5	3216.0	3216.3	3202.2	3210.4
G5.0	3217.2	3216.9	3222.6	3211.8	3215.3	3208.5	3210.4	3205.7	3192.1	3191.2
G6.0	3208.8	3212.7	3212.2	3209.7	3204.5	3201.7	3198.6	3196.6	3176.6	3187.4
G7.0	3198.9	3202.3	3198.8	3198.4	3197.5	3192.1	3189.0	3185.1	3160.3	3171.4
G8.0	3185.9	3184.7	3190.4	3186.4	3180.6	3184.2	3177.9	3172.2	3142.0	3151.3
G9.0	3171.6	3178.0	3177.8	3172.1	3176.7	3169.6	3157.3	3153.4	3124.1	3138.9
G10.0	3158.1	3163.6	3160.5	3161.6	3156.0	3152.5	3143.0	3133.7	3103.3	3118.6
G11.0	3138.5	3140.1	3148.5	3145.3	3144.8	3133.1	3124.8	3111.5	3075.6	3091.0
G12.0	3117.7	3122.3	3128.3	3126.8	3129.9	3121.8	3102.9	3089.5	3051.6	3069.5
G13.0	3096.4	3103.4	3108.7	3110.3	3107.9	3098.7	3082.6	3069.4	3023.5	3043.9
G14.0	3077.6	3075.6	3088.0	3091.6	3086.7	3077.3	3061.4	3046.4	2997.4	3013.6
G15.0	3048.4	3054.0	3063.6	3066.3	3065.1	3052.5	3036.5	3020.9	2966.7	2989.9
G16.0	3022.9	3032.4	3041.8	3045.3	3045.6	3032.8	3011.0	2991.5	2936.0	2960.8
G17.0	2997.2	3001.0	3011.5	3022.5	3026.7	3007.4	2978.4	2961.1	2900.4	2921.4
G18.0	2963.9	2972.9	2984.0	2992.0	2995.9	2980.9	2952.4	2928.8	2867.9	2894.6
G19.0	2935.4	2944.4	2955.4	2966.8	2970.9	2951.5	2925.1	2900.3	2830.8	2858.4
G20.0	2898.0	2912.3	2925.5	2941.5	2939.5	2922.0	2890.3	2864.1	2792.9	2820.7
G21.0	2869.2	2876.7	2896.8	2905.9	2913.3	2888.3	2860.7	2827.7	2756.1	2784.9
G22.0	2832.6	2843.4	2864.9	2881.1	2878.0	2861.2	2820.5	2790.7	2717.0	2742.9
G23.0	2798.9	2807.5	2829.3	2842.1	2848.6	2824.8	2787.2	2751.4	2675.5	2705.9
G24.0	2758.8	2764.4	2788.6	2808.3	2816.9	2790.0	2752.6	2708.2	2633.5	2663.8
G25.0	2720.8	2730.2	2753.7	2776.6	2777.0	2756.6	2709.5	2667.3	2589.1	2619.2
G26.0	2678.9	2689.6	2717.3	2737.6	2746.9	2718.7	2671.6	2630.2	2542.7	2576.3
G27.0	2637.7	2647.5	2678.0	2705.1	2707.3	2681.5	2630.9	2585.6	2498.3	2531.0
G28.0	2593.7	2609.0	2634.6	2669.1	2674.9	2645.1	2590.3	2540.8	2453.7	2488.8
G29.0	2553.6	2563.4	2596.6	2624.9	2634.4	2599.2	2549.9	2496.8	2410.6	2443.0
G30.0	2505.2	2521.0	2553.3	2586.5	2591.1	2561.2	2506.9	2449.8	2360.3	2391.8
G31.0	2463.6	2473.3	2509.2	2543.3	2553.4	2518.6	2460.8	2406.1	2314.2	2348.0
G32.0	2415.8	2430.3	2466.1	2499.9	2513.7	2478.1	2414.3	2359.6	2262.9	2302.2
G33.0	2366.3	2382.8	2421.2	2458.2	2469.2	2434.4	2371.8	2312.0	2217.1	2250.3
G34.0	2320.1	2337.3	2376.9	2417.8	2425.5	2393.4	2326.8	2264.4	2164.4	2204.2
G35.0	2273.5	2286.6	2328.4	2368.1	2381.9	2342.9	2278.3	2214.2	2116.0	2153.5
G36.0	2223.3	2240.5	2283.7	2322.1	2337.9	2298.9	2230.9	2162.6	2066.5	2103.3

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 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	2173.0	2189.5	2235.3	2278.4	2291.3	2252.4	2182.9	2118.1	2015.4	2051.0
G38.0	2119.8	2141.5	2187.3	2231.1	2247.7	2206.2	2135.2	2066.8	1965.9	2002.1
G39.0	2070.9	2087.5	2138.9	2183.4	2197.3	2160.1	2084.6	2014.4	1915.4	1954.1
G40.0	2022.6	2040.0	2090.1	2138.0	2152.9	2110.4	2036.3	1962.1	1866.5	1899.6
G41.0	1971.1	1990.4	2040.4	2088.4	2104.5	2061.8	1987.0	1915.7	1816.7	1853.6
G42.0	1923.0	1940.3	1991.1	2038.7	2057.0	2014.5	1937.4	1864.7	1764.2	1802.3
G43.0	1869.3	1891.5	1941.5	1991.0	2009.8	1965.1	1888.1	1816.6	1717.2	1751.8
G44.0	1818.7	1835.8	1891.2	1941.4	1956.7	1917.2	1839.2	1768.7	1664.1	1703.4
G45.0	1769.1	1785.6	1841.8	1892.2	1909.1	1866.7	1788.1	1717.3	1615.3	1653.8
G46.0	1718.4	1738.2	1791.5	1844.8	1859.9	1816.1	1739.1	1665.5	1566.3	1601.9
G47.0	1668.1	1690.7	1740.4	1792.9	1808.9	1766.1	1688.6	1617.4	1516.1	1553.6
G48.0	1618.2	1637.8	1688.1	1743.1	1760.3	1718.2	1641.4	1569.0	1468.7	1507.0
G49.0	1569.0	1589.0	1639.8	1693.8	1711.6	1668.9	1588.3	1519.6	1419.1	1454.5
G50.0	1518.8	1537.0	1592.1	1644.7	1661.4	1618.4	1538.5	1468.6	1375.9	1408.8
G51.0	1472.4	1488.6	1541.6	1593.5	1609.5	1568.6	1492.2	1421.2	1325.0	1362.2
G52.0	1420.4	1441.4	1493.6	1542.6	1561.3	1517.9	1443.1	1372.9	1277.1	1313.2
G53.0	1374.8	1391.9	1444.0	1496.4	1512.3	1470.1	1389.0	1325.4	1232.4	1266.4
G54.0	1327.1	1345.6	1392.6	1444.9	1463.0	1423.2	1346.9	1279.2	1185.9	1218.6
G55.0	1279.4	1296.1	1344.4	1397.9	1413.9	1371.8	1297.3	1233.3	1138.8	1170.5
G56.0	1231.2	1248.8	1298.2	1350.2	1364.3	1325.3	1249.6	1184.8	1093.2	1124.1
G57.0	1185.3	1202.5	1251.0	1299.1	1315.4	1275.0	1203.4	1140.9	1046.4	1079.0
G58.0	1139.2	1156.0	1202.5	1251.9	1264.8	1227.4	1157.1	1093.8	1004.2	1035.6
G59.0	1092.1	1111.2	1154.5	1201.8	1216.1	1179.5	1111.0	1048.0	959.3	990.4
G60.0	1052.1	1063.5	1107.7	1154.5	1168.9	1131.1	1064.3	1004.6	915.9	945.5
G61.0	1006.4	1019.2	1059.3	1106.7	1122.6	1084.8	1018.8	959.8	874.3	902.9
G62.0	961.6	974.7	1015.0	1059.2	1075.7	1035.5	973.5	916.1	831.6	859.4
G63.0	917.2	929.8	968.7	1015.2	1028.1	992.7	928.6	872.5	788.3	818.1
G64.0	874.7	886.7	925.0	966.2	981.1	946.1	883.4	829.1	749.0	776.0
G65.0	831.4	843.1	880.2	922.2	935.4	901.2	839.5	786.7	707.5	731.1
G66.0	791.4	802.9	836.3	875.7	887.5	855.9	797.8	747.2	667.8	690.1
G67.0	748.8	760.1	793.0	832.5	844.5	811.1	753.7	705.0	627.6	652.0
G68.0	707.6	717.0	751.1	786.6	798.1	768.0	712.8	667.2	590.0	612.4
G69.0	669.8	680.6	706.3	743.7	754.9	725.3	671.0	625.4	552.0	574.6
G70.0	630.1	638.2	668.2	700.9	711.2	689.2	630.1	587.1	515.3	536.5
G71.0	591.6	597.9	627.2	659.9	669.1	641.6	589.4	547.7	479.1	497.8
G72.0	552.5	561.6	586.0	616.9	626.5	600.8	551.9	509.5	442.4	461.9
G73.0	516.9	522.4	546.9	575.8	585.8	559.7	513.1	472.7	408.5	426.8

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	479.8	485.2	507.3	534.7	545.4	519.1	474.7	438.0	372.1	388.9
G75.0	443.8	449.8	469.4	495.9	503.8	480.6	437.3	403.2	342.2	356.5
G76.0	408.2	413.2	432.6	457.4	464.9	442.7	400.4	368.2	308.5	322.6
G77.0	373.0	377.6	396.0	419.8	426.9	404.6	363.8	335.0	276.4	290.3
G78.0	341.5	343.9	358.3	380.5	389.6	366.2	330.8	301.8	244.6	258.7
G79.0	309.3	313.1	325.5	341.8	350.1	332.5	296.7	270.1	214.2	227.1
G80.0	275.6	280.1	291.3	310.2	316.7	296.7	263.1	237.1	185.4	197.5
G81.0	245.3	247.9	258.0	275.0	283.1	261.6	230.5	207.8	156.8	168.6
G82.0	215.2	217.3	225.4	241.9	248.2	229.6	198.8	178.0	128.8	139.5
G83.0	186.8	188.0	194.0	208.3	215.3	195.6	169.6	149.9	104.2	113.9
G84.0	158.5	159.3	163.4	177.2	182.5	164.8	137.8	120.9	80.2	87.7
G85.0	131.9	131.9	134.5	144.6	151.6	133.1	110.3	96.0	58.9	65.5
G86.0	106.7	106.3	107.6	114.4	120.7	103.7	83.6	72.4	40.1	45.2
G87.0	82.8	81.7	80.8	85.9	91.5	74.7	58.0	51.1	22.2	26.9
G88.0	60.3	58.5	56.9	59.2	63.6	48.1	35.4	31.2	7.7	11.5
G89.0	41.7	39.7	35.0	34.2	37.8	24.9	17.8	15.4	2.4	5.0
G90.0	23.9	22.2	17.3	14.3	12.6	6.9	5.1	5.5	1.8	4.0
G91.0	9.1	8.8	4.9	3.6	4.6	3.7	3.2	2.7	2.1	4.3
G92.0	3.3	4.6	3.6	3.3	4.6	3.9	3.5	3.1	2.5	4.5
G93.0	3.2	4.8	3.7	3.6	4.6	4.3	3.8	3.3	2.4	4.3
G94.0	3.5	5.1	3.7	4.2	5.2	3.7	3.5	3.6	2.6	4.8
G95.0	3.2	5.1	4.2	3.7	5.4	4.6	3.9	3.7	2.5	4.6
G96.0	3.8	5.5	4.2	4.6	5.7	4.6	4.0	3.9	3.1	5.1
G97.0	3.8	5.4	4.3	4.8	6.1	5.4	4.3	3.9	3.0	5.1
G98.0	4.3	6.0	4.5	4.6	5.8	5.1	4.3	4.3	3.0	5.0
G99.0	4.3	5.7	4.6	5.1	6.1	5.4	4.9	4.4	3.5	5.5
G100.0	4.1	5.8	4.9	5.4	6.7	5.5	5.0	4.9	3.5	5.8
G101.0	4.9	5.8	5.4	5.7	6.7	6.1	4.9	5.2	3.8	5.8
G102.0	4.5	6.2	5.2	5.8	7.3	6.4	5.7	5.2	3.9	5.7
G103.0	5.2	6.9	5.6	5.6	7.4	6.4	5.7	5.6	4.1	5.8
G104.0	5.2	6.9	5.6	6.3	8.0	6.7	5.7	5.5	3.9	6.5
G105.0	5.3	7.4	6.0	6.3	8.0	7.0	6.1	6.1	4.6	6.4
G106.0	5.8	7.7	6.4	6.8	8.0	7.5	6.1	6.1	5.0	6.9
G107.0	5.3	7.9	6.5	7.0	8.1	7.3	6.7	6.3	4.7	6.9
G108.0	6.3	7.9	6.4	7.1	8.7	7.4	6.5	6.5	5.3	7.3
G109.0	6.6	8.2	7.3	7.0	8.7	7.9	7.1	7.1	5.3	7.6
G110.0	6.8	8.6	7.5	8.1	9.4	8.3	7.4	7.3	5.3	8.0

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:

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	6.8	9.0	7.7	8.0	9.5	8.6	7.7	7.3	5.9	7.7
G112.0	7.2	9.0	7.7	8.3	9.4	8.8	7.7	7.7	6.3	8.1
G113.0	7.5	9.4	8.2	8.4	10.1	9.4	8.2	8.0	6.0	8.0
G114.0	7.7	9.4	8.6	9.0	10.2	9.5	8.8	8.7	6.8	8.6
G115.0	8.2	10.0	9.2	8.8	10.7	9.7	9.2	8.6	7.0	8.2
G116.0	8.2	10.4	9.0	9.9	10.5	9.9	9.3	8.8	7.4	9.0
G117.0	8.7	10.4	9.4	10.1	11.2	9.5	9.0	9.3	7.4	9.2
G118.0	8.8	10.6	9.6	10.1	11.7	11.0	9.8	8.9	7.7	9.4
G119.0	9.1	10.8	9.6	10.1	11.7	10.8	9.6	9.8	7.7	9.6
G120.0	9.5	11.6	10.2	10.7	11.9	11.1	10.0	9.9	8.0	10.1
G121.0	9.5	11.8	10.4	10.8	12.4	11.4	10.5	10.6	8.3	9.9
G122.0	9.9	11.5	10.8	11.2	13.0	11.7	10.7	10.7	8.5	10.7
G123.0	10.2	11.8	11.1	11.3	13.1	12.2	11.2	10.5	8.8	10.7
G124.0	10.5	12.8	11.3	12.0	13.2	11.9	11.0	10.6	8.8	11.3
G125.0	10.5	12.8	11.7	11.9	13.6	12.5	12.0	11.4	9.4	11.1
G126.0	11.3	13.0	11.8	12.4	13.7	12.5	12.0	11.9	9.7	11.8
G127.0	11.3	13.2	12.0	12.6	14.5	12.4	12.0	12.4	10.0	11.5
G128.0	12.0	13.2	12.3	12.5	14.1	13.1	12.4	12.4	9.5	11.6
G129.0	12.0	13.9	13.0	13.1	14.7	13.9	12.6	12.3	10.6	12.1
G130.0	12.5	14.0	13.1	13.1	15.3	14.4	13.0	12.4	10.6	12.7
G131.0	12.5	14.1	13.3	13.8	15.4	14.3	13.3	12.6	11.0	13.2
G132.0	12.9	14.6	13.6	13.8	15.6	14.5	13.3	13.6	11.1	13.3
G133.0	13.2	15.6	13.8	14.4	16.3	14.7	14.2	13.4	11.7	13.7
G134.0	13.5	15.6	14.1	14.4	16.0	15.3	14.1	13.9	12.0	13.7
G135.0	14.0	15.3	14.8	14.3	16.3	15.3	14.3	14.3	12.1	13.9
G136.0	14.0	15.8	14.7	15.1	16.9	15.5	14.7	14.4	12.8	14.6
G137.0	14.2	16.0	14.7	15.3	17.4	15.4	15.3	15.1	12.8	14.5
G138.0	14.5	16.5	15.4	16.1	16.9	16.0	15.3	15.2	13.3	14.9
G139.0	15.0	16.5	15.7	16.1	18.3	16.2	15.6	15.4	13.5	15.1
G140.0	14.7	17.1	16.1	16.6	18.0	16.7	15.8	15.4	13.8	15.6
G141.0	15.4	17.5	16.1	16.2	18.0	16.8	15.7	15.2	13.9	15.8
G142.0	15.7	17.6	16.3	16.9	18.7	16.7	16.3	16.2	14.4	15.8
G143.0	16.0	18.1	16.7	17.2	18.9	17.2	16.6	16.2	14.2	16.2
G144.0	15.8	18.3	16.6	17.2	19.3	17.8	16.7	16.5	14.7	16.5
G145.0	16.5	18.3	17.4	17.5	18.9	17.6	17.2	16.7	15.3	17.0
G146.0	16.7	18.9	17.5	18.1	19.1	17.8	17.3	17.3	15.7	17.1
G147.0	16.6	19.4	17.6	17.8	19.8	18.6	17.4	17.6	15.8	17.7

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 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	17.6	19.3	18.5	18.1	20.6	18.2	17.8	18.1	15.9	17.9
G149.0	17.3	19.0	18.3	18.8	20.3	18.8	17.8	18.0	16.4	18.1
G150.0	17.2	19.6	18.0	18.6	20.0	19.1	18.5	17.9	16.3	18.4
G151.0	17.6	19.5	19.1	18.9	20.7	19.7	18.2	18.3	16.5	18.5
G152.0	18.0	20.0	19.2	19.4	20.6	19.4	18.6	18.9	17.2	18.8
G153.0	18.3	20.3	19.1	19.9	21.0	19.5	18.7	19.2	17.1	19.3
G154.0	18.4	20.3	19.4	19.7	21.1	19.5	19.1	18.7	17.8	19.4
G155.0	19.0	20.2	19.9	20.0	21.3	20.4	19.2	19.4	17.8	19.9
G156.0	18.5	21.3	19.8	20.5	21.4	20.5	19.3	19.9	17.8	20.6
G157.0	19.5	21.6	20.4	20.5	21.9	20.3	19.8	19.5	17.8	20.4
G158.0	19.7	21.8	20.4	20.6	22.0	20.7	20.3	20.1	18.4	20.1
G159.0	20.4	21.3	20.7	20.6	22.0	20.8	20.3	20.2	18.7	20.8
G160.0	20.1	22.2	20.8	21.1	22.0	21.0	20.4	20.5	19.2	21.3
G161.0	20.4	22.0	21.1	21.3	22.4	21.6	20.4	20.5	19.2	22.1
G162.0	20.4	22.2	21.1	21.8	22.4	21.3	20.6	20.8	19.5	21.5
G163.0	20.4	22.4	21.4	21.8	23.0	21.6	21.1	21.5	19.5	21.4
G164.0	20.6	22.6	21.3	21.6	23.3	21.7	21.4	21.1	20.1	22.2
G165.0	20.9	22.9	21.8	21.9	23.0	22.3	21.2	21.1	20.3	22.6
G166.0	20.9	23.1	21.4	22.4	23.0	22.5	21.2	21.7	20.2	22.2
G167.0	21.5	23.5	21.9	22.2	23.2	22.3	21.6	21.8	20.6	22.6
G168.0	21.0	23.5	22.2	22.5	23.5	22.5	21.8	21.9	20.9	22.8
G169.0	21.7	23.5	22.3	22.3	23.8	23.0	21.4	21.9	21.0	23.2
G170.0	22.1	23.5	22.3	23.1	23.3	22.9	21.9	21.8	21.1	23.4
G171.0	22.0	23.9	22.3	22.9	24.1	22.5	22.4	22.1	21.5	23.3
G172.0	22.0	23.8	22.7	22.9	24.7	23.0	22.3	22.0	21.8	23.2
G173.0	22.4	24.4	22.9	23.0	23.7	23.1	22.3	22.6	22.1	24.3
G174.0	22.8	24.3	23.0	23.1	23.9	22.7	22.4	22.7	22.8	24.3
G175.0	23.0	24.1	23.0	22.6	23.9	23.5	22.6	22.7	22.2	23.4
G176.0	23.1	24.7	23.2	23.0	24.3	23.7	22.4	22.7	22.4	24.5
G177.0	23.1	24.5	23.6	23.3	24.8	23.2	22.9	22.7	22.8	24.5
G178.0	22.7	24.6	23.6	23.5	24.5	22.6	22.9	23.0	22.7	24.3
G179.0	23.1	24.7	23.0	22.9	24.3	23.2	23.0	23.0	22.8	24.4
G180.0	23.1	24.9	23.3	23.6	24.3	23.3	22.6	22.8	22.4	24.6

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	3231.8	3231.8	3231.8	3231.8	3231.8	3231.8	3231.8			
G1.0	3229.5	3225.3	3231.4	3231.8	3232.2	3226.2	3228.8			
G2.0	3226.8	3225.9	3226.7	3228.3	3227.7	3226.4	3232.2			
G3.0	3221.5	3219.6	3225.3	3223.3	3224.9	3222.1	3228.4			
G4.0	3208.5	3208.8	3215.2	3218.2	3217.3	3214.4	3222.6			
G5.0	3203.4	3204.7	3211.2	3210.7	3207.2	3207.8	3217.2			
G6.0	3192.0	3196.9	3197.5	3201.4	3202.8	3197.8	3208.8			
G7.0	3177.1	3179.1	3193.9	3194.5	3192.3	3185.3	3198.9			
G8.0	3158.9	3172.5	3177.2	3178.7	3178.6	3167.9	3185.9			
G9.0	3144.1	3155.4	3166.7	3166.7	3164.1	3153.5	3171.6			
G10.0	3123.3	3139.0	3149.7	3154.7	3144.3	3139.8	3158.1			
G11.0	3103.8	3120.8	3131.0	3137.6	3130.5	3120.3	3138.5			
G12.0	3087.9	3103.0	3116.2	3117.8	3111.6	3099.1	3117.7			
G13.0	3064.4	3078.0	3098.6	3095.9	3089.2	3074.5	3096.4			
G14.0	3039.8	3059.1	3078.2	3079.1	3065.2	3052.2	3077.6			
G15.0	3012.8	3035.8	3053.5	3054.2	3043.9	3025.3	3048.4			
G16.0	2983.3	3007.5	3033.2	3030.9	3015.7	2999.9	3022.9			
G17.0	2955.6	2985.1	3005.0	3002.4	2985.6	2970.0	2997.2			
G18.0	2924.1	2956.4	2975.6	2975.1	2960.1	2942.8	2963.9			
G19.0	2892.3	2926.9	2950.0	2949.8	2931.1	2907.1	2935.4			
G20.0	2860.8	2894.6	2915.7	2917.6	2900.7	2872.7	2898.0			
G21.0	2827.6	2862.6	2888.0	2888.6	2863.1	2836.9	2869.2			
G22.0	2790.1	2829.6	2855.0	2852.0	2833.6	2800.6	2832.6			
G23.0	2751.6	2792.8	2828.7	2823.3	2798.0	2763.1	2798.9			
G24.0	2714.1	2759.2	2793.2	2790.6	2756.7	2725.6	2758.8			
G25.0	2672.9	2724.1	2758.7	2751.3	2720.7	2683.6	2720.8			
G26.0	2629.9	2686.9	2720.3	2713.6	2680.8	2641.7	2678.9			
G27.0	2589.3	2644.3	2679.2	2676.3	2639.3	2599.4	2637.7			
G28.0	2549.2	2603.7	2643.4	2638.7	2600.6	2559.3	2593.7			
G29.0	2497.3	2564.5	2600.7	2597.7	2554.6	2510.1	2553.6			
G30.0	2456.8	2523.6	2564.6	2553.4	2513.4	2467.4	2505.2			
G31.0	2415.0	2479.7	2520.5	2512.1	2472.6	2421.9	2463.6			
G32.0	2365.1	2437.4	2479.8	2472.1	2427.2	2376.7	2415.8			
G33.0	2315.8	2391.8	2433.7	2427.2	2381.1	2324.3	2366.3			
G34.0	2274.3	2345.8	2393.2	2381.3	2334.8	2277.5	2320.1			
G35.0	2223.2	2300.8	2344.4	2335.7	2287.8	2231.7	2273.5			
G36.0	2172.2	2253.0	2302.8	2291.6	2236.9	2179.9	2223.3			

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 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	2123.8	2207.8	2254.5	2245.4	2189.3	2128.6	2173.0			
G38.0	2075.1	2155.4	2211.4	2196.3	2145.1	2080.7	2119.8			
G39.0	2027.6	2111.3	2158.8	2149.7	2091.0	2032.5	2070.9			
G40.0	1977.3	2063.9	2111.2	2102.9	2041.7	1979.5	2022.6			
G41.0	1930.3	2010.3	2064.1	2052.4	1994.9	1931.6	1971.1			
G42.0	1878.3	1962.9	2013.7	2003.8	1946.6	1882.3	1923.0			
G43.0	1828.3	1915.2	1965.2	1953.8	1898.5	1831.5	1869.3			
G44.0	1779.7	1865.3	1916.5	1902.2	1847.4	1778.2	1818.7			
G45.0	1725.9	1813.1	1868.2	1853.3	1793.7	1729.0	1769.1			
G46.0	1677.5	1762.7	1815.6	1804.2	1745.1	1677.2	1718.4			
G47.0	1628.2	1715.6	1767.4	1756.7	1694.4	1628.4	1668.1			
G48.0	1579.3	1665.3	1716.9	1704.8	1645.2	1578.7	1618.2			
G49.0	1529.8	1613.4	1664.5	1655.8	1596.2	1529.6	1569.0			
G50.0	1481.0	1563.4	1614.9	1604.9	1546.0	1478.1	1518.8			
G51.0	1432.0	1515.4	1566.3	1554.3	1496.5	1431.3	1472.4			
G52.0	1381.4	1464.6	1515.5	1502.8	1447.6	1381.2	1420.4			
G53.0	1335.0	1413.9	1465.4	1453.3	1399.2	1336.5	1374.8			
G54.0	1286.7	1366.0	1416.8	1405.1	1349.7	1288.9	1327.1			
G55.0	1238.8	1319.2	1367.8	1356.1	1298.6	1240.9	1279.4			
G56.0	1195.0	1270.3	1317.4	1306.2	1251.9	1193.4	1231.2			
G57.0	1146.7	1222.1	1270.5	1257.3	1203.2	1146.8	1185.3			
G58.0	1099.6	1173.0	1218.0	1210.1	1157.5	1099.0	1139.2			
G59.0	1054.0	1125.9	1171.8	1161.2	1110.2	1054.0	1092.1			
G60.0	1008.4	1080.1	1121.8	1114.5	1063.0	1009.8	1052.1			
G61.0	960.7	1031.4	1074.6	1065.7	1016.9	966.9	1006.4			
G62.0	916.7	983.7	1027.4	1017.7	971.7	922.2	961.6			
G63.0	873.2	940.4	982.6	974.2	924.5	876.7	917.2			
G64.0	829.2	894.9	935.1	926.9	882.4	836.5	874.7			
G65.0	786.6	848.3	890.6	881.3	835.5	791.7	831.4			
G66.0	743.3	806.0	842.3	836.2	792.5	750.3	791.4			
G67.0	700.6	761.0	799.6	791.2	749.9	708.9	748.8			
G68.0	661.6	715.9	753.4	745.0	707.7	670.7	707.6			
G69.0	620.4	676.5	707.4	704.7	666.9	629.6	669.8			
G70.0	580.6	634.7	667.6	661.9	624.9	590.1	630.1			
G71.0	539.1	592.3	624.0	618.1	586.0	552.0	591.6			
G72.0	502.6	549.9	582.7	577.6	545.7	513.9	552.5			
G73.0	463.2	511.7	542.2	537.3	506.9	477.8	516.9			

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 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	426.7	472.0	502.2	497.5	467.8	441.9	479.8			
G75.0	389.8	432.9	463.4	458.4	430.4	405.4	443.8			
G76.0	354.0	396.0	424.3	419.9	393.5	369.4	408.2			
G77.0	320.2	358.2	386.9	383.0	356.4	338.7	373.0			
G78.0	285.1	323.8	346.2	343.7	324.6	303.6	341.5			
G79.0	253.3	289.9	314.3	311.8	289.1	271.2	309.3			
G80.0	221.4	255.3	278.5	276.8	256.2	239.5	275.6			
G81.0	188.3	220.7	244.7	240.3	223.7	209.7	245.3			
G82.0	160.1	189.2	210.8	208.4	191.7	179.2	215.2			
G83.0	129.6	157.3	179.7	175.3	162.2	152.1	186.8			
G84.0	101.7	126.5	148.2	144.2	132.9	123.3	158.5			
G85.0	75.3	96.9	118.0	112.7	104.8	98.3	131.9			
G86.0	51.6	68.7	89.1	84.4	78.4	74.0	106.7			
G87.0	31.0	42.9	60.8	56.7	52.8	52.0	82.8			
G88.0	13.9	21.1	34.1	32.4	32.9	32.7	60.3			
G89.0	4.0	5.4	9.6	13.2	14.4	15.9	41.7			
G90.0	2.6	2.7	3.3	2.9	3.7	4.6	23.9			
G91.0	2.7	2.9	3.7	3.0	1.8	2.3	9.1			
G92.0	3.1	2.9	4.2	3.0	2.5	2.1	3.3			
G93.0	2.7	3.0	4.3	2.9	1.7	2.3	3.2			
G94.0	3.3	3.1	4.3	3.5	2.7	2.6	3.5			
G95.0	3.1	3.2	4.4	3.5	3.0	3.1	3.2			
G96.0	3.2	3.3	4.4	3.2	3.0	2.7	3.8			
G97.0	3.5	3.8	5.1	4.0	2.7	3.2	3.8			
G98.0	3.7	3.7	5.1	3.3	3.3	3.1	4.3			
G99.0	4.2	4.0	5.5	4.4	3.5	3.6	4.3			
G100.0	4.0	4.2	5.4	4.2	3.6	3.8	4.1			
G101.0	4.4	4.4	5.8	4.2	3.6	3.3	4.9			
G102.0	4.4	4.9	6.0	5.1	4.2	4.0	4.5			
G103.0	4.6	4.9	5.7	5.0	4.4	4.4	5.2			
G104.0	5.0	5.1	6.4	5.2	4.2	4.4	5.2			
G105.0	4.5	5.0	6.4	5.6	4.9	4.4	5.3			
G106.0	5.1	5.0	6.9	5.6	4.6	4.6	5.8			
G107.0	5.0	5.8	7.0	5.8	5.2	4.8	5.3			
G108.0	5.8	6.2	7.1	6.3	5.4	5.5	6.3			
G109.0	6.0	6.5	7.9	6.3	5.7	5.5	6.6			
G110.0	6.2	6.8	7.6	6.9	5.8	4.9	6.8			

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	6.5	7.3	8.0	6.4	6.0	6.1	6.8			
G112.0	7.0	6.8	8.1	7.1	6.5	6.0	7.2			
G113.0	7.0	7.4	8.8	7.5	6.4	6.5	7.5			
G114.0	7.4	7.3	8.8	7.4	6.7	6.3	7.7			
G115.0	7.6	7.7	9.2	8.1	7.0	7.0	8.2			
G116.0	8.0	8.2	9.5	8.2	7.4	6.9	8.2			
G117.0	8.0	8.1	9.4	8.6	7.5	7.4	8.7			
G118.0	8.4	8.7	9.6	8.4	7.9	7.6	8.8			
G119.0	8.9	8.6	9.9	8.9	7.4	8.1	9.1			
G120.0	8.6	9.0	10.4	9.4	8.1	8.0	9.5			
G121.0	9.2	9.4	10.4	9.3	8.1	8.0	9.5			
G122.0	9.0	9.9	11.1	9.7	9.0	8.6	9.9			
G123.0	9.6	9.8	11.1	9.9	8.8	8.4	10.2			
G124.0	10.0	10.1	11.6	10.0	9.0	9.3	10.5			
G125.0	10.1	10.5	11.9	10.7	9.6	9.6	10.5			
G126.0	10.4	10.8	11.9	11.3	9.9	9.9	11.3			
G127.0	10.5	10.8	12.5	11.2	9.9	9.9	11.3			
G128.0	11.2	11.4	12.6	11.6	10.1	10.0	12.0			
G129.0	11.8	11.3	13.0	12.0	10.6	10.5	12.0			
G130.0	11.8	11.7	13.3	12.2	10.8	10.8	12.5			
G131.0	11.8	12.5	13.8	12.4	11.2	11.2	12.5			
G132.0	12.6	12.3	13.9	12.8	11.6	11.7	12.9			
G133.0	12.3	12.6	14.4	12.8	11.7	11.5	13.2			
G134.0	12.4	13.5	14.7	13.1	12.3	12.4	13.5			
G135.0	13.0	13.5	15.3	13.7	12.4	12.1	14.0			
G136.0	13.2	14.1	15.1	13.7	12.6	12.5	14.0			
G137.0	13.5	14.1	15.4	14.3	13.2	13.1	14.2			
G138.0	14.3	14.1	15.8	14.5	13.2	12.9	14.5			
G139.0	14.4	14.7	16.3	14.8	13.1	13.3	15.0			
G140.0	14.2	15.1	16.4	14.9	14.1	13.8	14.7			
G141.0	14.5	15.4	16.7	15.0	14.2	13.7	15.4			
G142.0	14.8	15.3	17.0	15.6	14.7	14.3	15.7			
G143.0	15.1	15.5	17.4	15.6	14.9	14.6	16.0			
G144.0	15.6	15.5	17.3	15.8	15.0	14.6	15.8			
G145.0	15.5	15.8	17.4	16.1	15.3	15.2	16.5			
G146.0	16.3	16.9	17.9	16.6	15.4	15.4	16.7			
G147.0	16.7	17.2	18.0	16.9	15.8	15.5	16.6			

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	16.7	17.4	18.8	17.4	16.2	15.7	17.6			
G149.0	16.4	17.4	18.9	17.2	15.8	16.1	17.3			
G150.0	17.0	17.4	19.4	18.1	16.8	15.9	17.2			
G151.0	16.9	17.9	18.9	18.2	16.9	17.0	17.6			
G152.0	18.0	18.2	19.8	18.3	17.6	16.8	18.0			
G153.0	18.0	18.2	19.4	18.8	17.5	17.3	18.3			
G154.0	18.3	18.6	20.3	18.7	18.0	17.3	18.4			
G155.0	18.5	18.7	20.4	19.2	18.0	17.3	19.0			
G156.0	18.5	18.8	20.6	19.4	18.7	18.7	18.5			
G157.0	19.1	19.7	20.8	19.4	18.3	18.2	19.5			
G158.0	19.1	19.4	20.8	19.9	18.6	18.4	19.7			
G159.0	19.4	19.5	21.0	19.9	19.5	18.6	20.4			
G160.0	19.7	20.4	21.4	20.3	19.2	19.3	20.1			
G161.0	19.9	20.5	21.8	20.6	19.7	19.6	20.4			
G162.0	20.5	20.1	21.7	21.2	19.8	19.3	20.4			
G163.0	21.1	20.7	21.7	21.0	20.5	19.9	20.4			
G164.0	20.6	20.7	22.0	21.2	20.0	19.9	20.6			
G165.0	21.3	21.3	22.6	21.7	20.6	20.5	20.9			
G166.0	21.1	21.3	22.7	21.8	20.0	20.2	20.9			
G167.0	21.8	21.3	22.6	22.2	21.1	20.3	21.5			
G168.0	21.6	21.4	23.0	22.4	21.6	20.7	21.0			
G169.0	21.7	22.3	23.1	21.7	21.3	21.4	21.7			
G170.0	21.7	22.2	23.0	21.8	21.9	21.2	22.1			
G171.0	21.8	21.7	23.6	22.2	21.7	22.0	22.0			
G172.0	22.4	22.9	23.5	22.9	21.8	22.0	22.0			
G173.0	22.2	22.2	23.7	22.5	21.9	21.7	22.4			
G174.0	22.4	22.5	23.6	22.9	22.2	22.0	22.8			
G175.0	22.4	22.2	24.2	23.2	22.4	22.1	23.0			
G176.0	22.5	23.0	24.2	22.7	22.6	21.9	23.1			
G177.0	23.2	22.5	24.4	23.1	22.3	22.5	23.1			
G178.0	23.3	22.9	24.5	23.0	22.4	22.6	22.7			
G179.0	22.7	23.0	24.9	23.1	22.5	22.8	23.1			
G180.0	23.3	22.9	24.7	23.5	22.9	22.6	23.1			

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: