Report No.: Test Time: 2024/3/21 星期四 22:07

Luminaire Property

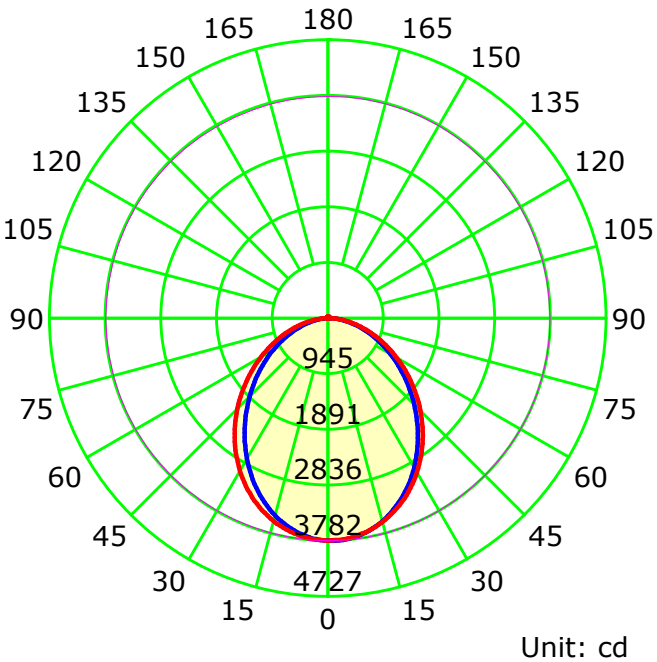
Luminaire Manufacturer:
Number of Lamps: 1
Lumens per Lamp: 9178.4 lm
Luminous Length (mm): 0 mm
Luminous Width (mm): 0 mm
Luminous Height (mm): 0 mm
Voltage: 120.0 V
Current: 0.678 A
Power: 80.12 W
Power Factor: 0.995

Photometric Results

CIE Class: Direct
Total Rated Lamp Lumens: 9178.4 lm
Measurement Flux: 9178.3 lm
Efficiency: 100.00%
Downward Ratio: 99.16%
Upward Ratio: 0.84%
Horizontal Diffuse Angle(10%,50%): H154,H93
Vertical Diffuse Angle(10%,50%): V158.4,V100.7
Luminaire Efficacy Rating (LER): 114.61
Central Intensity: 3780.08 cd
Max. Intensity: 3782.11 cd
Pos of Max. Intensity: H0 V2
S/MH(C0/C180): 1.13
S/MH(C90/C270): 1.19

Picture Of Luminaire

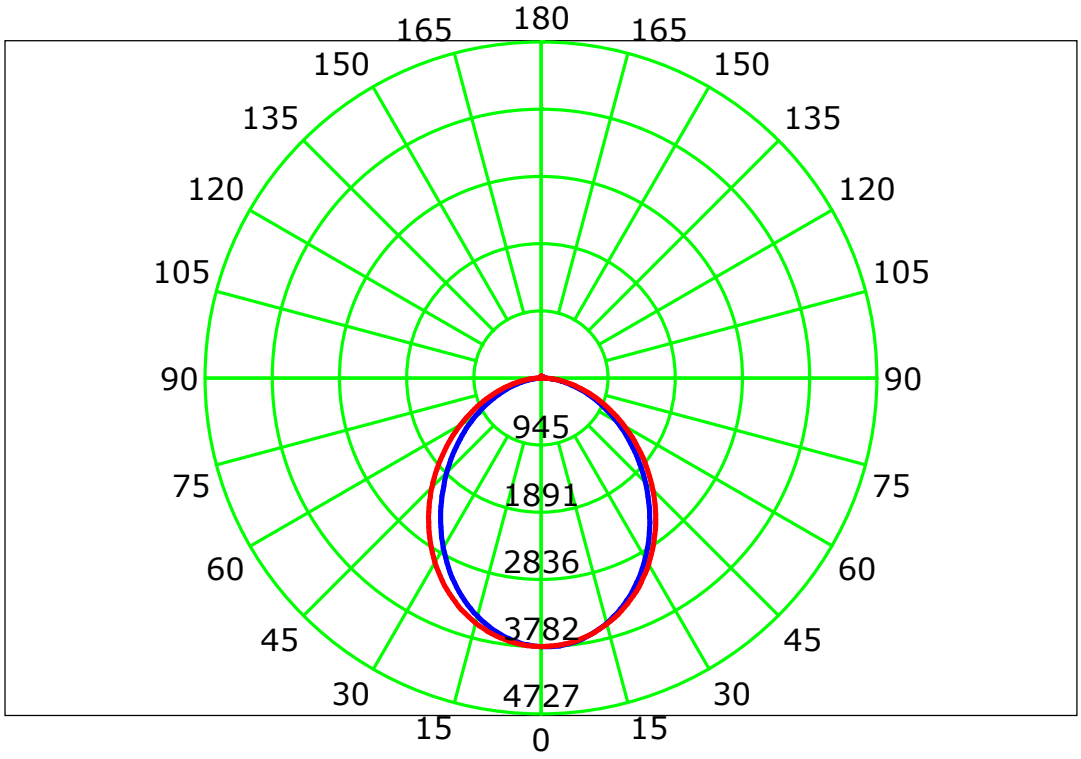
Luminous Intensity Distribution Curve

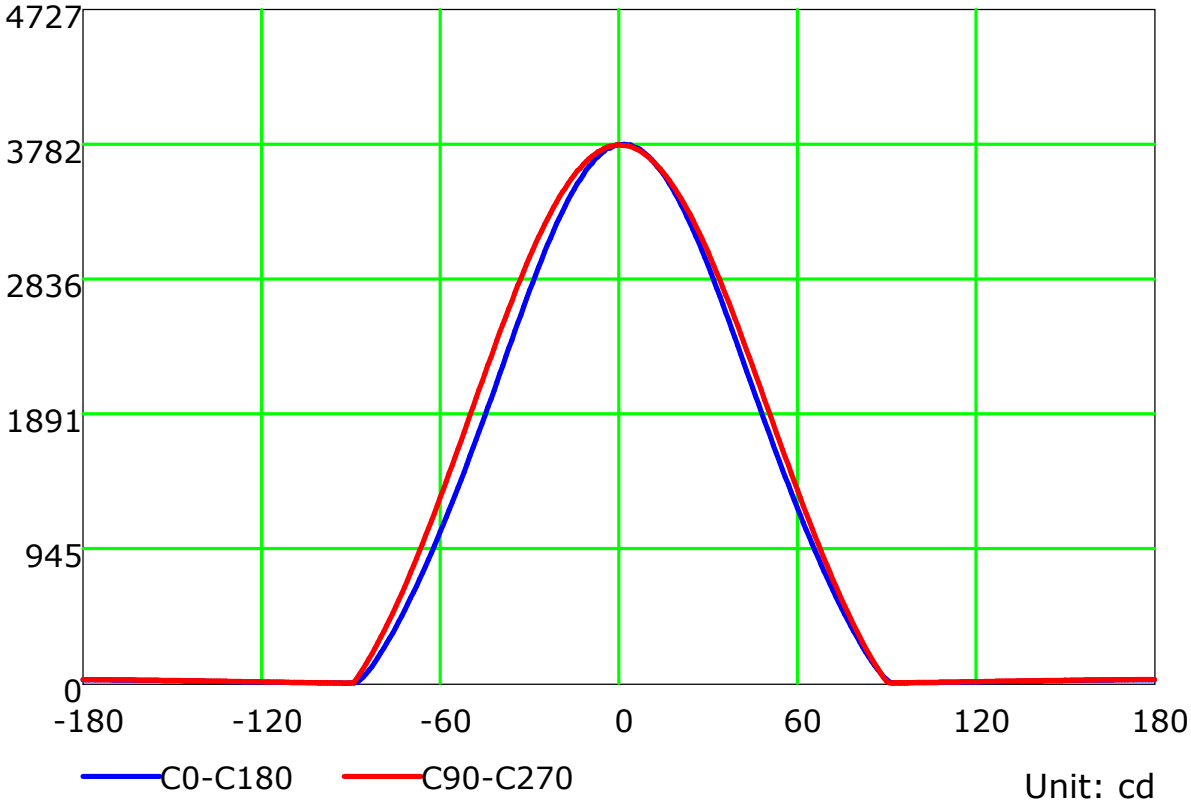


Unit: cd
Average Diffuse Angle(50%): 96.8°
C0-C180 C90-C270 G2

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

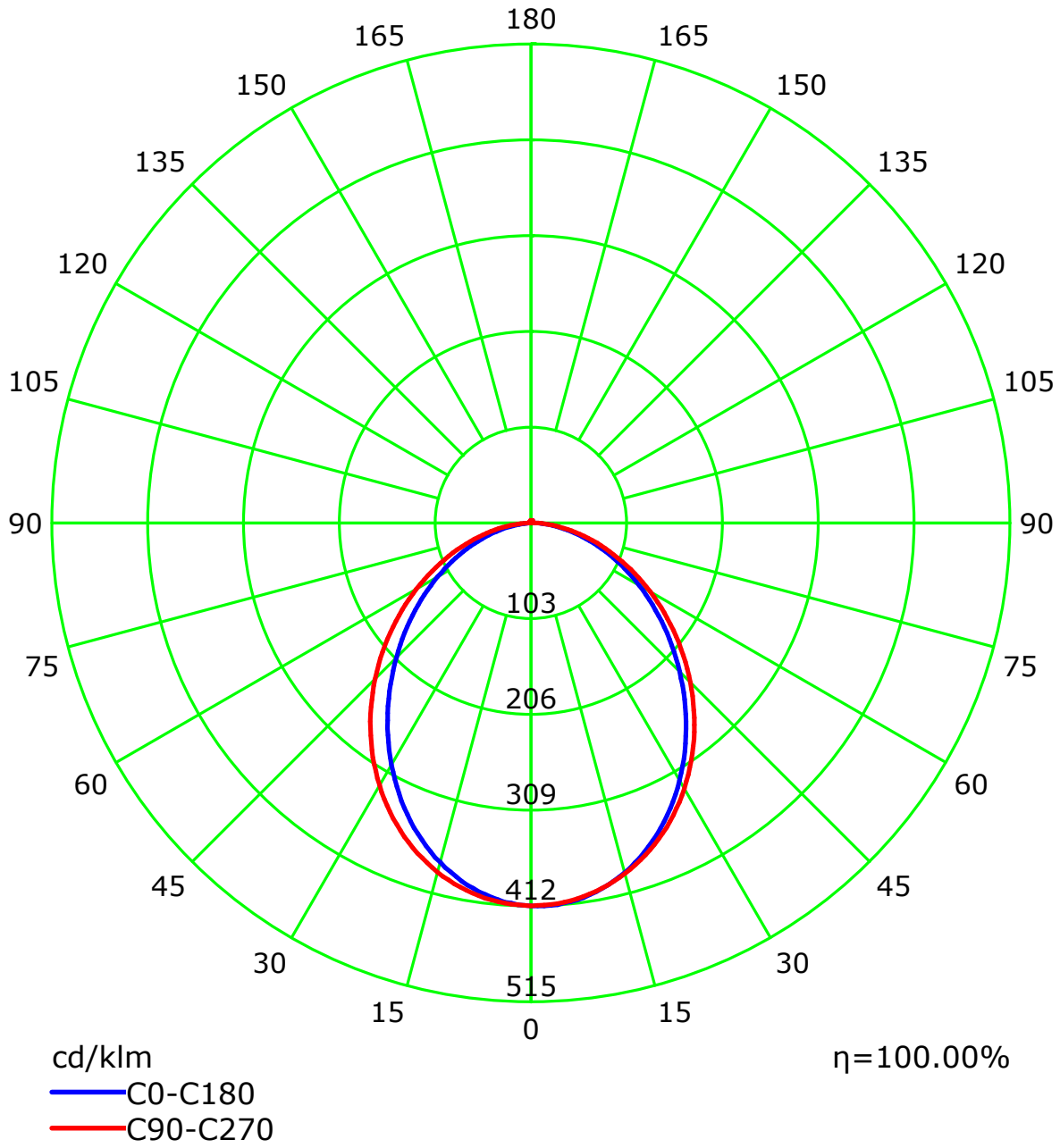




C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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:

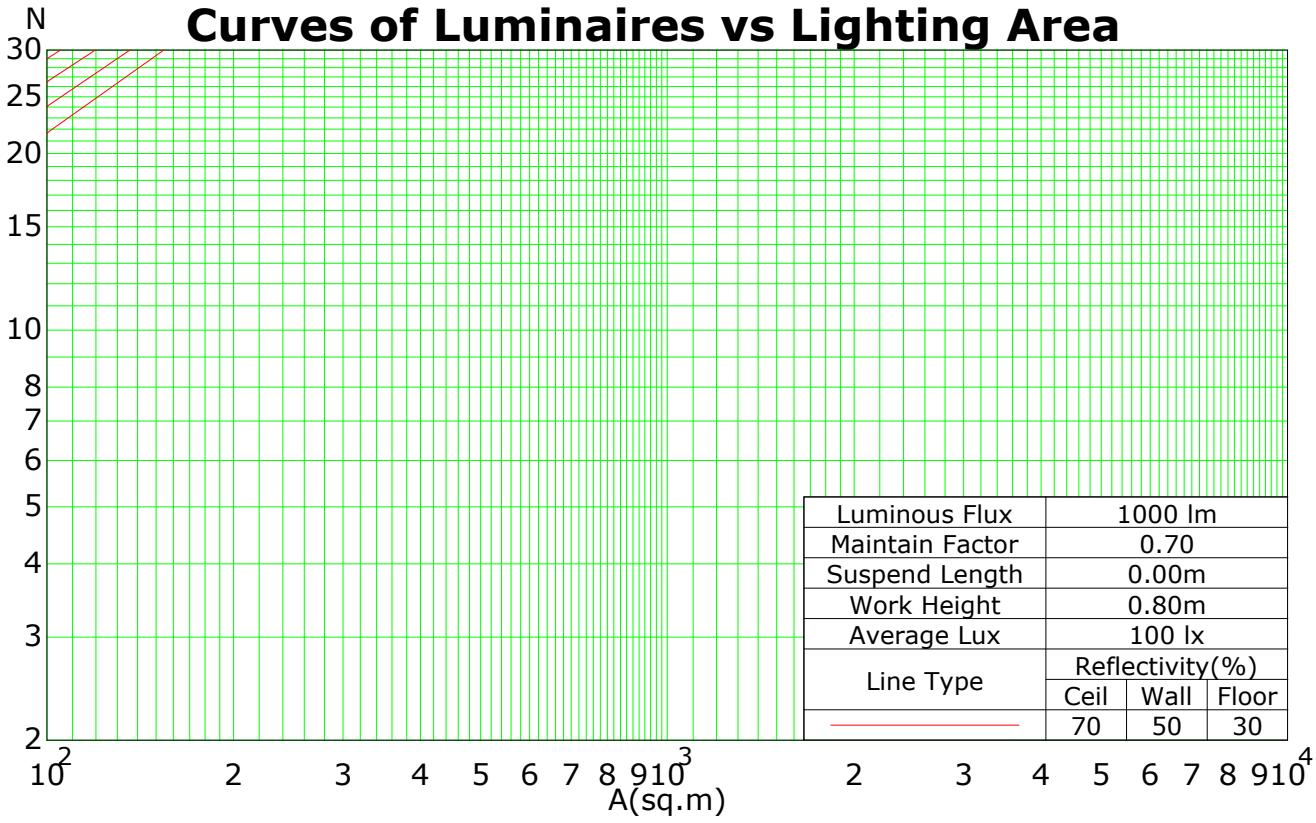
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

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	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	58	52	48	45
6	72	59	50	44	70	58	49	43	56	48	43	54	48	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	40	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	42	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

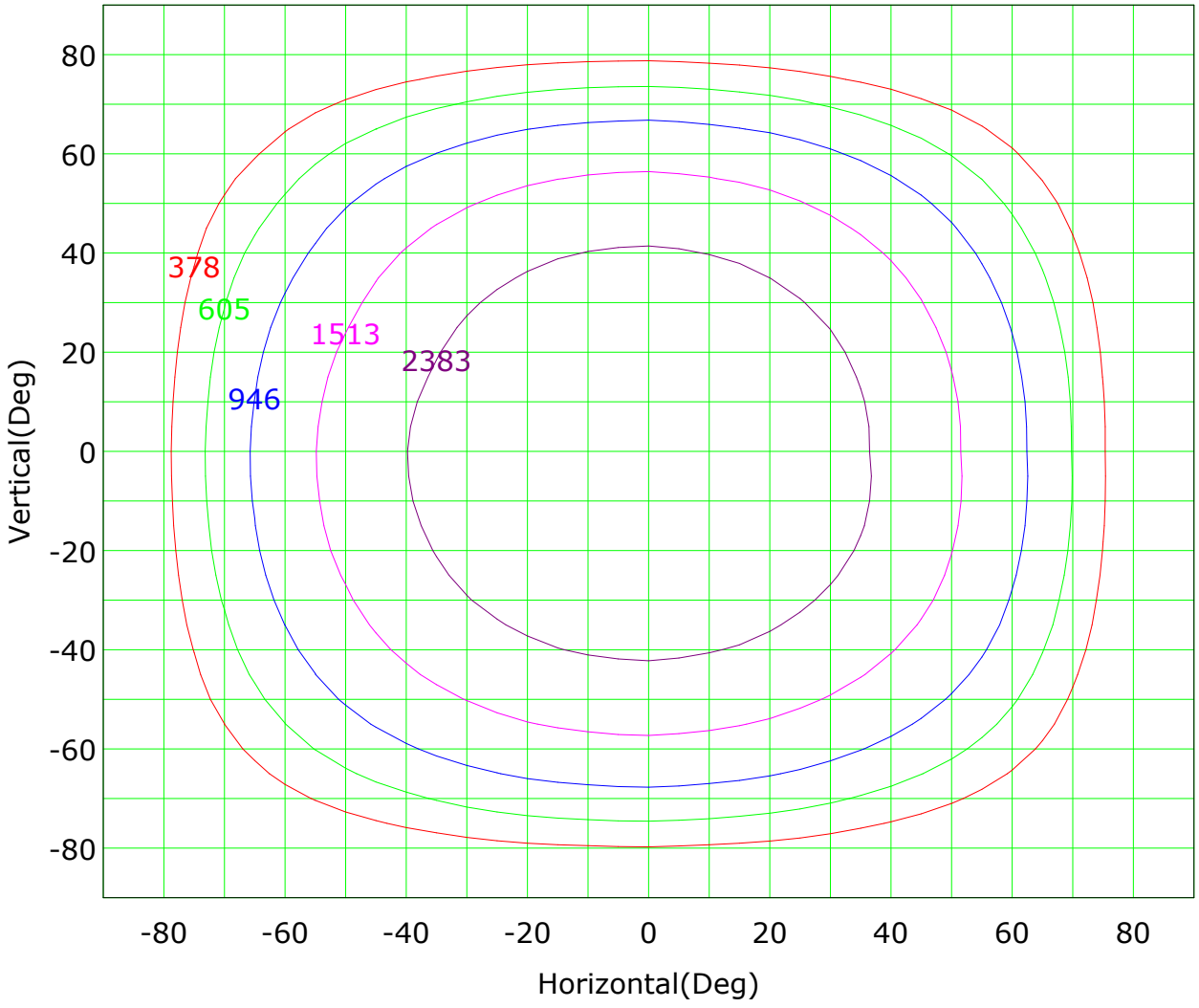
Curves of Luminaires vs Lighting Area



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)

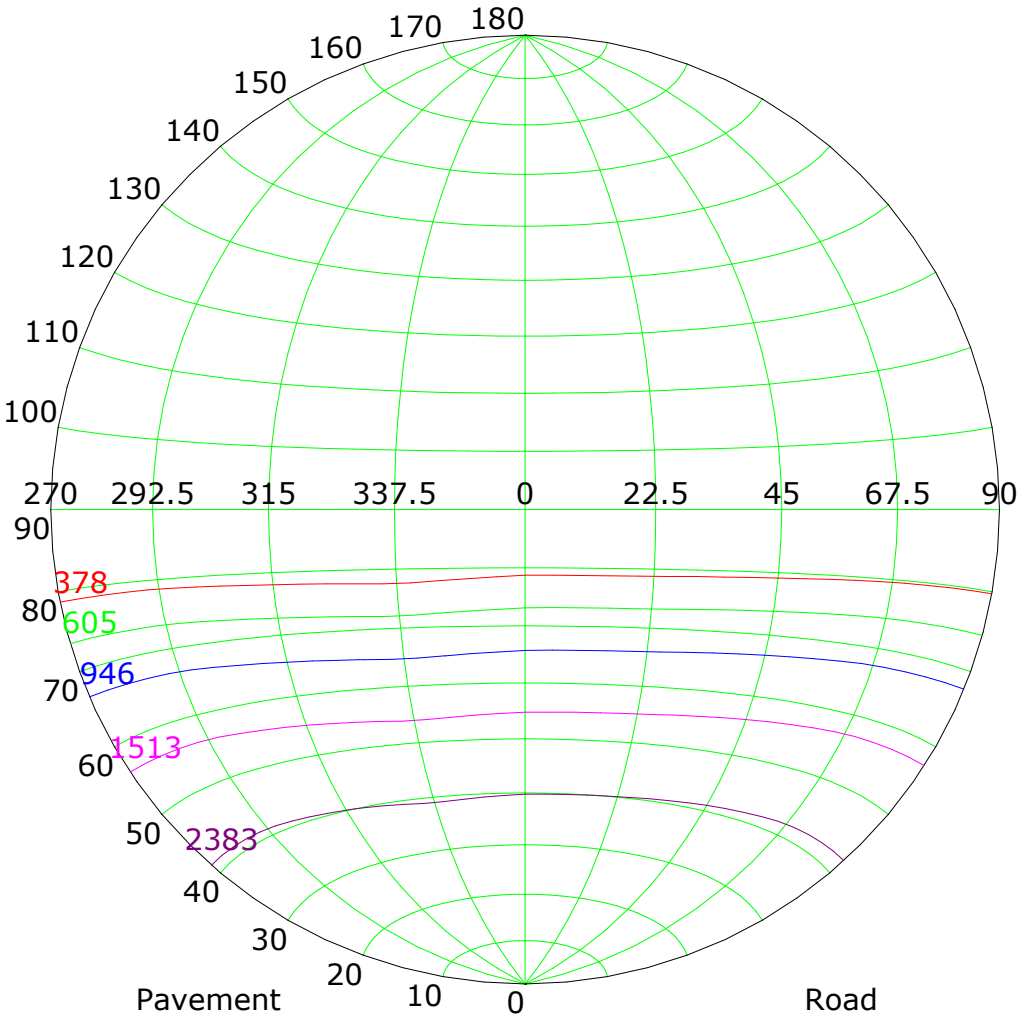


Imax (100%): 3782 cd

(10%): 378 cd
(16%): 605 cd
(25%): 946 cd
(40%): 1513 cd
(63%): 2383 cd
(100%): 3782 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)



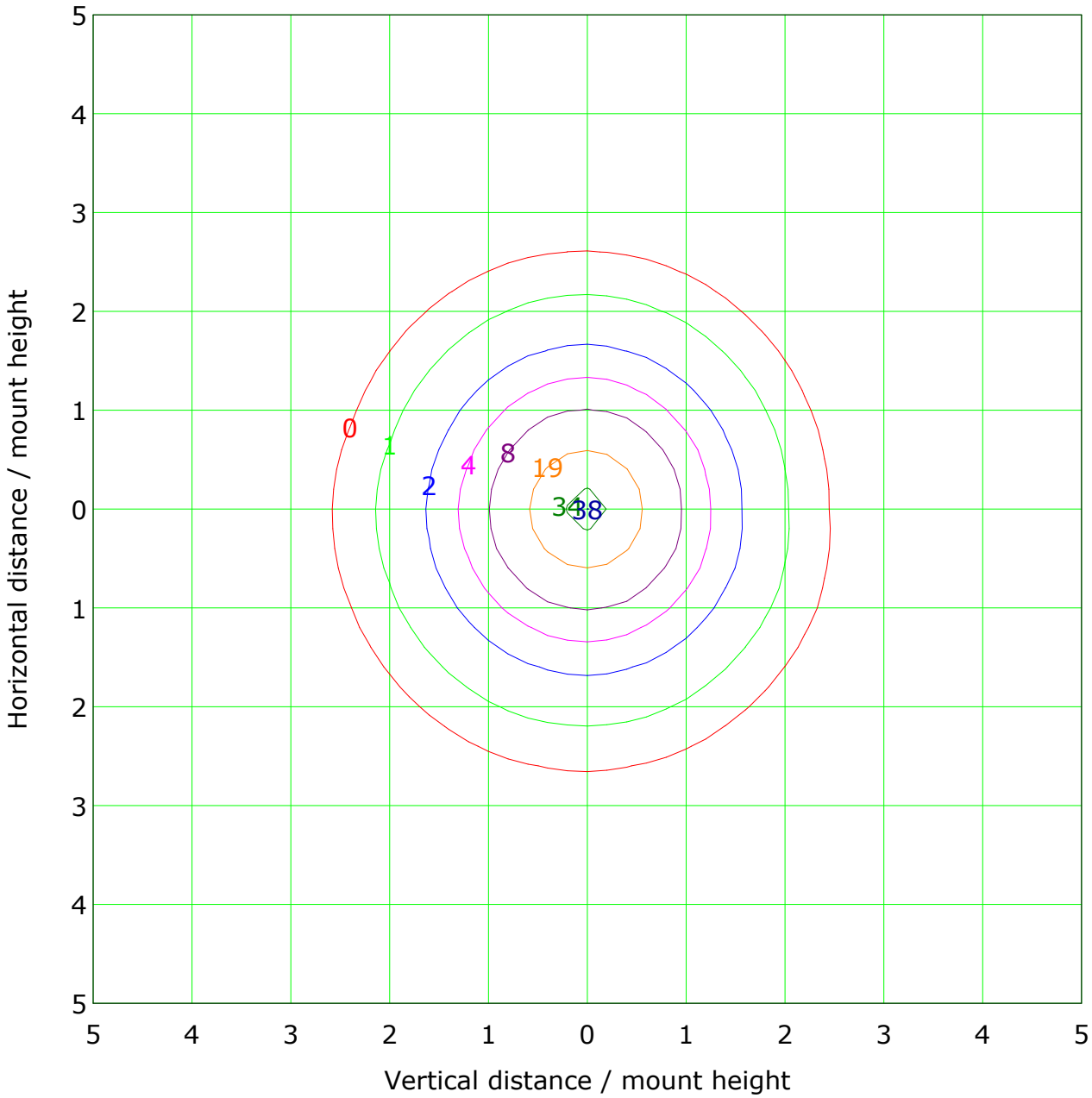
Imax (100%): 3782 cd

(10%): 378 cd	(16%): 605 cd
(25%): 946 cd	(40%): 1513 cd
(63%): 2383 cd	(100%): 3782 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



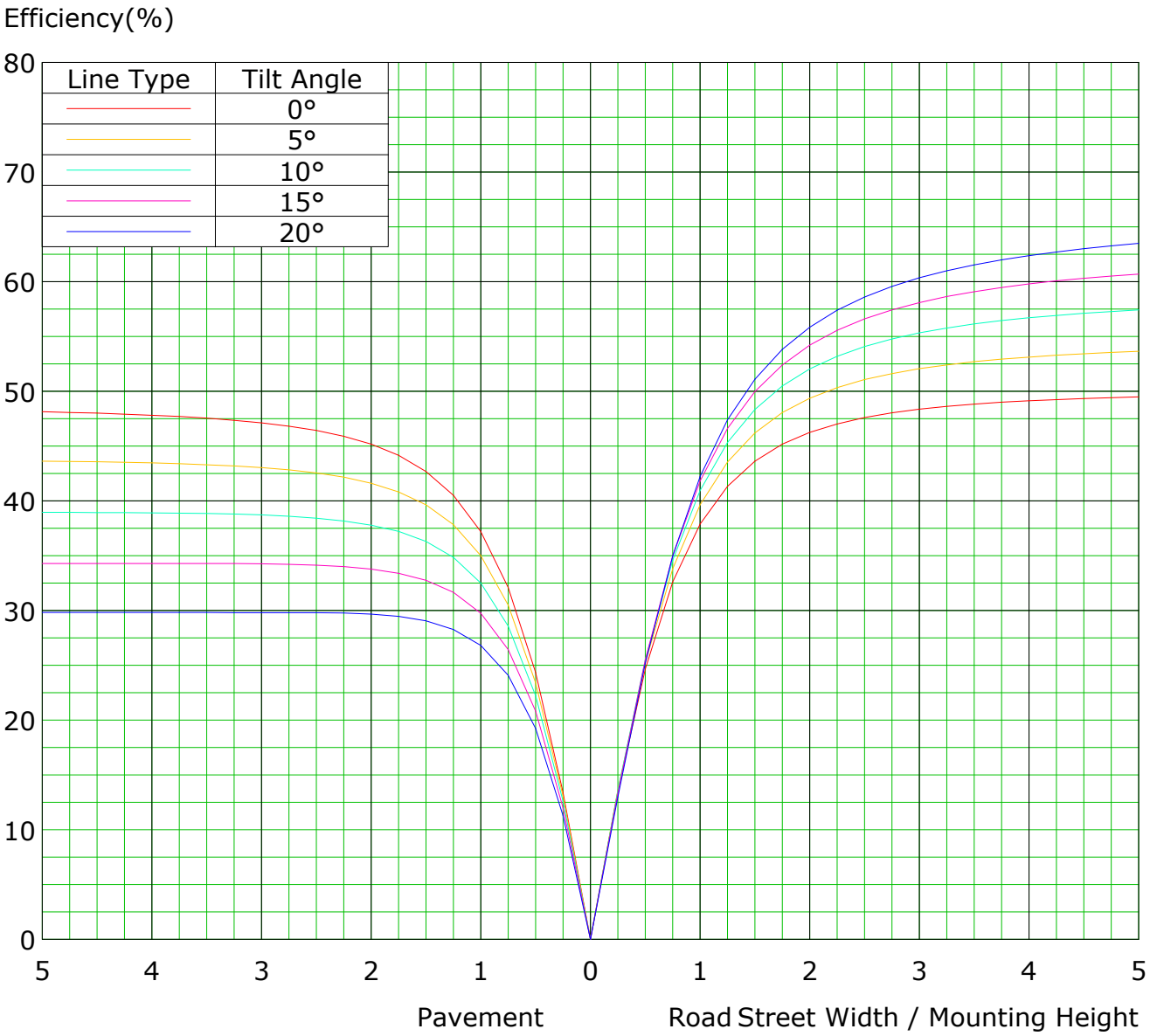
Mounting Height: 10.0m Max Lux(100%): 37.8 lx

(1%): 0.4 lx	(2%): 0.8 lx
(5%): 1.9 lx	(10%): 3.8 lx
(20%): 7.6 lx	(50%): 18.9 lx
(90%): 34.0 lx	(100%): 37.8 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:

Roadway CU Curve

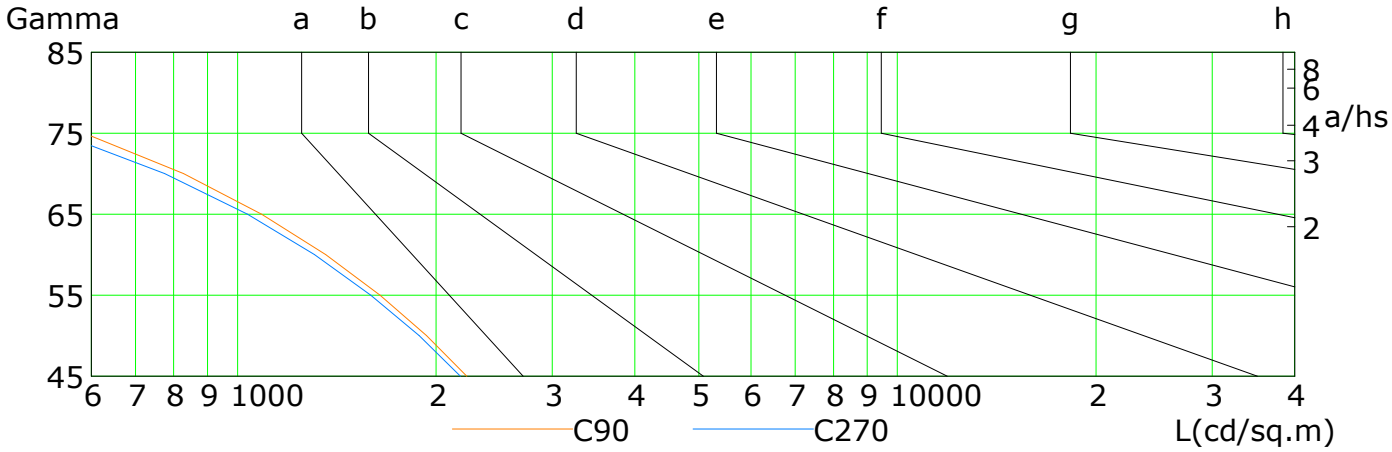


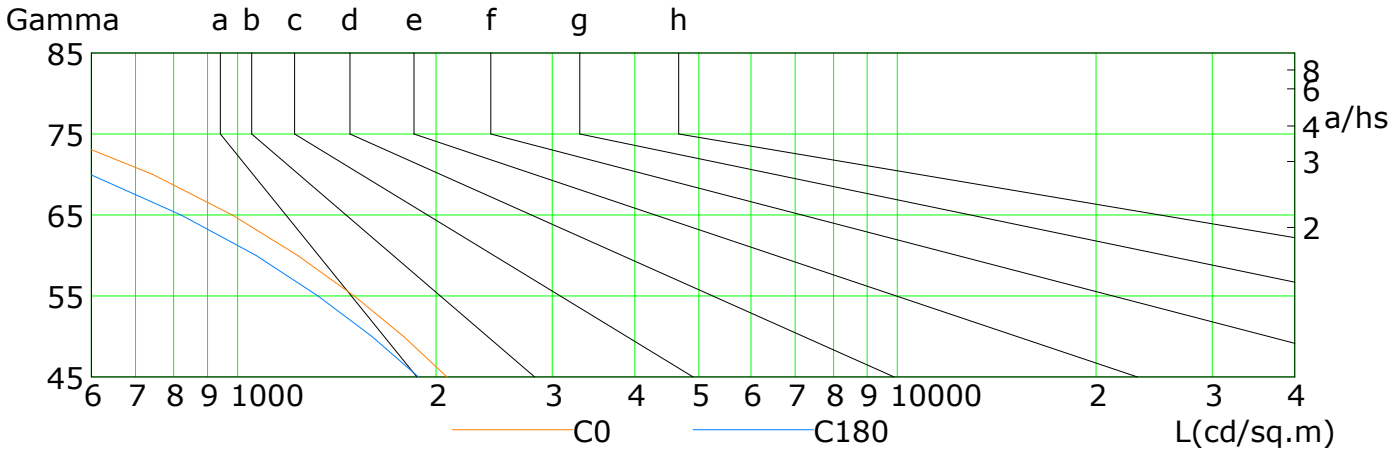
C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



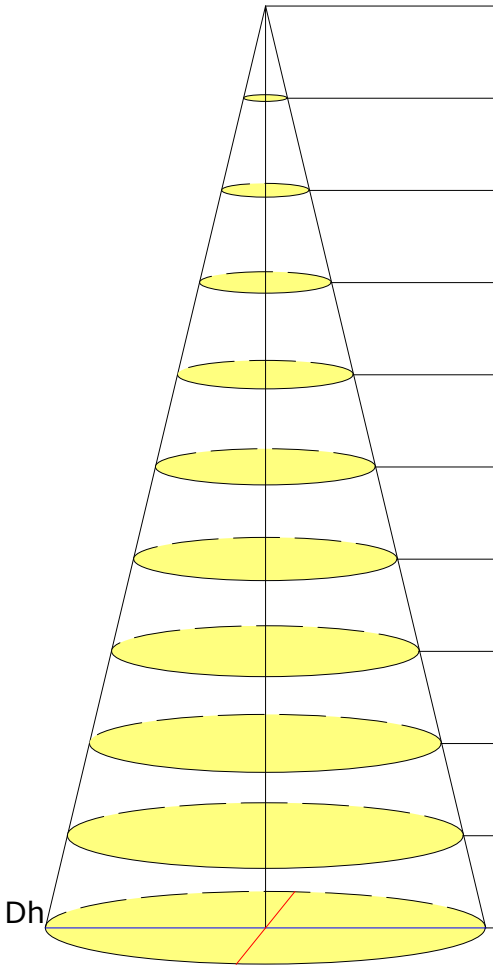


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2077	1784	1502	1233	981	743	524	330	155
C90	2226	1933	1643	1360	1088	828	586	368	174
C180	1880	1597	1323	1066	820	597	392	214	66
C270	2176	1884	1591	1307	1036	775	537	325	136

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)



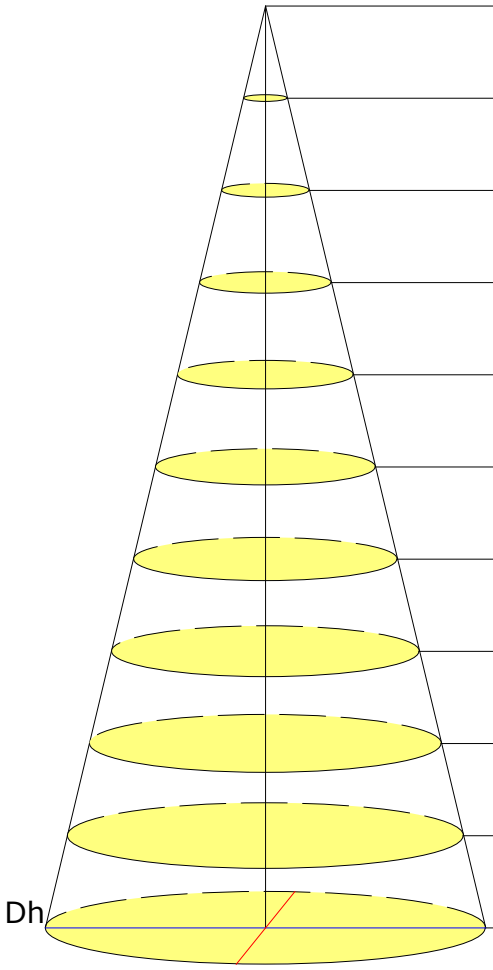
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	3780.08	2.11/2.41	4.0	853.27
2.0	945.02	4.21/4.82	16.0	213.32
3.0	420.01	6.32/7.24	36.1	94.81
4.0	236.26	8.42/9.65	64.1	53.33
5.0	151.20	10.53/12.06	100.2	34.13
6.0	105.00	12.64/14.47	144.2	23.70
7.0	77.14	14.74/16.89	196.3	17.41
8.0	59.06	16.85/19.30	256.4	13.33
9.0	46.67	18.96/21.71	324.5	10.53
10.0	37.80	21.06/24.12	400.7	8.53

Beam Angle(B): H93.0 V100.7 Field Angle(F): H154.0 V158.4

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:

Illuminance at a Distance(Field Angle)



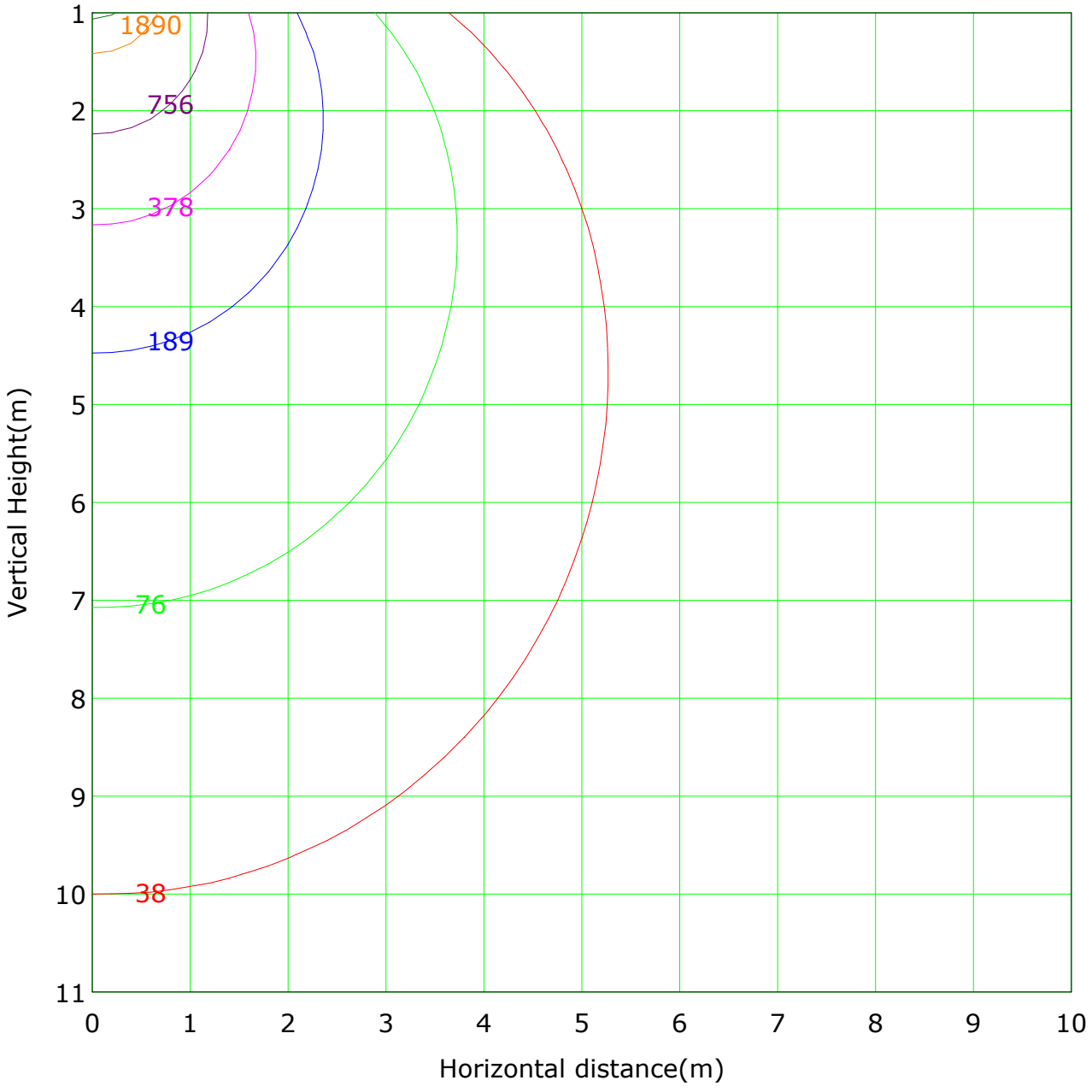
Dist(m)	Enadir(lx)	Dh/Dv_F(m)	S_F(sq.m)	Eav_F(lx)
1.0	3780.08	8.67/10.50	72.4	29.11
2.0	945.02	17.33/21.00	289.8	7.28
3.0	420.01	26.00/31.51	652.0	3.23
4.0	236.26	34.66/42.01	1159.2	1.82
5.0	151.20	43.33/52.51	1811.2	1.16
6.0	105.00	52.00/63.01	2608.1	0.81
7.0	77.14	60.66/73.52	3550.0	0.59
8.0	59.06	69.33/84.02	4636.7	0.45
9.0	46.67	77.99/94.52	5868.3	0.36
10.0	37.80	86.66/105.02	7244.8	0.29

Beam Angle(B): H93.0 V100.7 Field Angle(F): H154.0 V158.4

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:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 3780.1 lx

(1%): 37.8 lx	(2%): 75.6 lx
(5%): 189.0 lx	(10%): 378.0 lx
(20%): 756.0 lx	(50%):1890.0 lx
(90%):3402.1 lx	(100%):3780.1 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	0.6	1.2	2.0	2.9	3.6	4.2	4.3	4.0	3.4	2.6	1.8	1.1	0.6	0.3	0.1	33.1	0.0	
-80	0.0	0.4	1.5	3.4	6.0	9.0	12.1	14.5	16.1	16.3	15.1	12.9	10.0	7.0	4.2	2.1	0.8	0.2	131.4	89.9	
-70	0.1	0.9	3.1	6.9	11.9	17.6	23.4	28.0	30.8	31.1	28.8	24.5	18.9	13.1	7.9	3.8	1.4	0.2	252.6	239.9	
-60	0.1	1.4	4.9	10.6	18.2	27.0	35.9	43.1	47.4	47.8	44.2	37.3	28.6	19.7	11.7	5.7	2.0	0.3	386.2	379.3	
-50	0.2	2.0	6.6	14.2	24.6	36.6	48.7	58.9	64.9	65.3	60.1	50.4	38.4	26.2	15.5	7.6	2.7	0.4	523.2	518.9	
-40	0.2	2.5	8.2	17.6	30.4	45.5	60.9	74.0	81.6	82.1	75.4	62.9	47.6	32.2	19.0	9.4	3.2	0.4	653.0	649.9	
-30	0.3	2.9	9.4	20.3	35.2	53.1	71.4	86.9	96.0	96.5	88.4	73.6	55.4	37.3	22.2	10.9	3.7	0.5	764.1	761.5	
-20	0.3	3.1	10.3	22.3	38.8	58.5	79.0	96.3	106.5	107.0	97.9	81.4	61.3	41.6	24.7	12.0	4.1	0.5	845.6	843.5	
-10	0.3	3.3	10.7	23.2	40.5	61.3	82.9	101.2	112.0	112.6	103.2	86.3	65.4	44.2	26.1	12.7	4.3	0.6	890.8	888.7	
0	0.3	3.3	10.8	23.4	40.9	62.0	83.8	102.0	112.4	112.9	103.9	87.0	65.9	44.6	26.3	12.8	4.3	0.6	897.1	895.0	
10	0.3	3.2	10.6	22.9	39.9	60.2	80.9	97.6	107.2	107.7	99.0	82.8	62.7	42.6	25.2	12.3	4.2	0.5	859.7	857.5	
20	0.3	3.0	9.9	21.3	36.8	55.0	73.3	88.4	97.1	97.5	89.6	75.0	57.0	38.7	23.1	11.3	3.8	0.5	781.4	779.1	
30	0.2	2.7	8.7	18.7	32.0	47.3	62.8	75.6	83.0	83.3	76.7	64.3	49.1	33.6	20.1	9.9	3.4	0.5	671.9	669.0	
40	0.2	2.2	7.3	15.4	26.1	38.3	50.5	60.6	66.4	66.8	61.5	51.8	39.8	27.5	16.6	8.2	2.9	0.4	542.5	538.7	
50	0.1	1.7	5.6	11.7	19.7	28.7	37.6	44.9	49.1	49.4	45.7	38.7	29.9	20.8	12.7	6.4	2.3	0.3	405.2	399.6	
60	0.1	1.1	3.8	7.9	13.2	19.2	25.0	29.7	32.5	32.7	30.3	25.9	20.1	14.2	8.7	4.4	1.6	0.2	270.7	260.2	
70	0.0	0.6	2.0	4.2	7.1	10.3	13.5	16.1	17.6	17.7	16.5	14.2	11.1	7.9	4.9	2.6	1.0	0.2	147.5	113.4	
80	0.0	0.2	0.6	1.1	1.9	2.9	3.9	4.7	5.3	5.4	5.0	4.3	3.4	2.5	1.7	1.0	0.4	0.1	44.5	0.0	
90	3.1	34.4	114.2	245.9	424.3	634.5	848.5	1026.4	1130.0	1136.5	1045.3	876.9	667.2	455.3	271.8	133.6	46.4	6.5	9101		
Flux(T)	0.0	15.2	100.1	232.9	411.8	622.4	836.7	1014.8	1118.5	1125.6	1033.2	865.4	655.2	443.0	259.1	120.3	29.9	0.0		8884	
Flux(E)																					

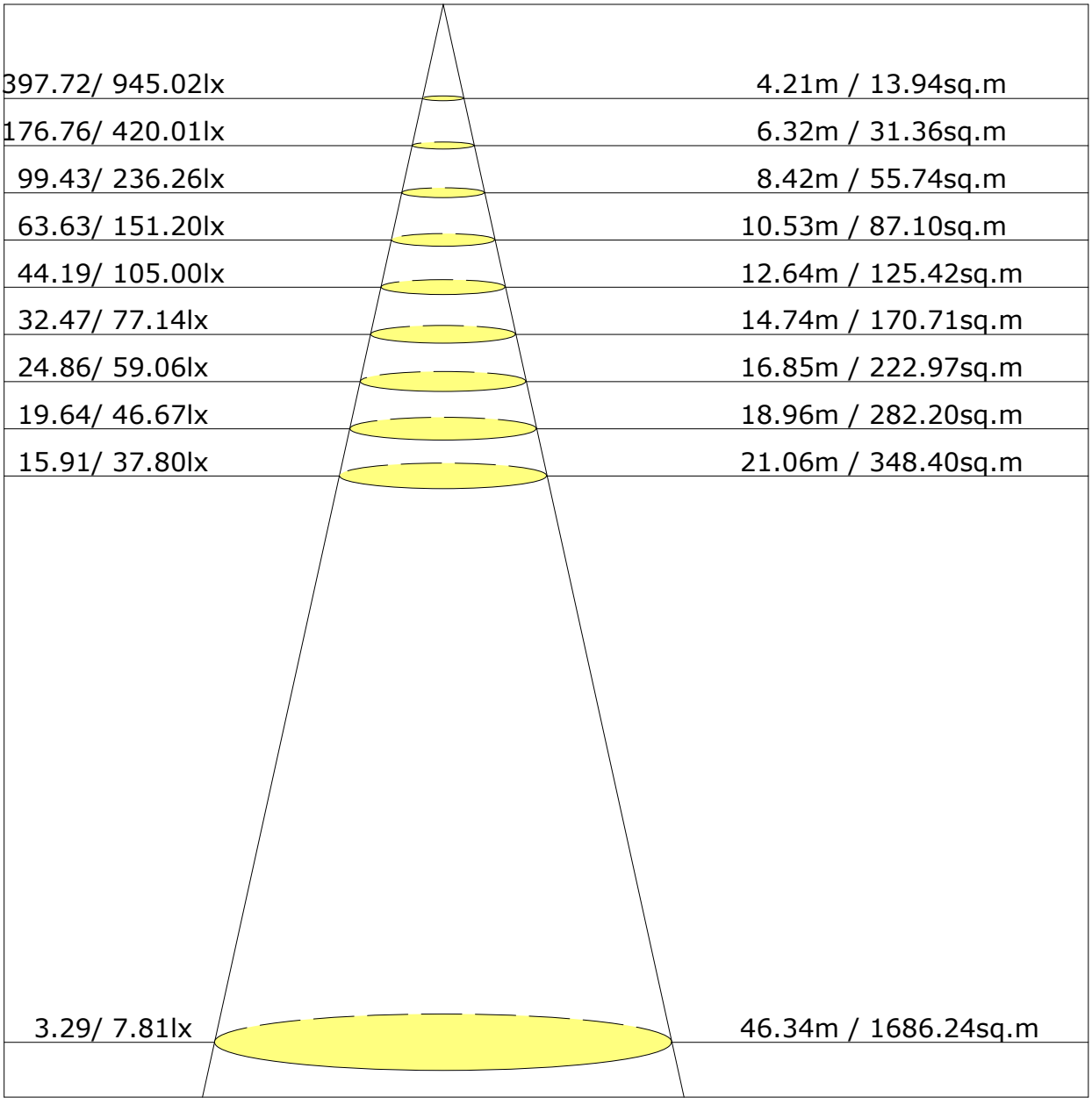
Horizontal plane

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: 5542.51lm



Height	Avg./Nadir. E	Beam Angle:93.0°	Diameter / Area
2.0m	397.72/ 945.02lx		4.21m / 13.94sq.m
3.0m	176.76/ 420.01lx		6.32m / 31.36sq.m
4.0m	99.43/ 236.26lx		8.42m / 55.74sq.m
5.0m	63.63/ 151.20lx		10.53m / 87.10sq.m
6.0m	44.19/ 105.00lx		12.64m / 125.42sq.m
7.0m	32.47/ 77.14lx		14.74m / 170.71sq.m
8.0m	24.86/ 59.06lx		16.85m / 222.97sq.m
9.0m	19.64/ 46.67lx		18.96m / 282.20sq.m
10.0m	15.91/ 37.80lx		21.06m / 348.40sq.m
22.0m	3.29/ 7.81lx		46.34m / 1686.24sq.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

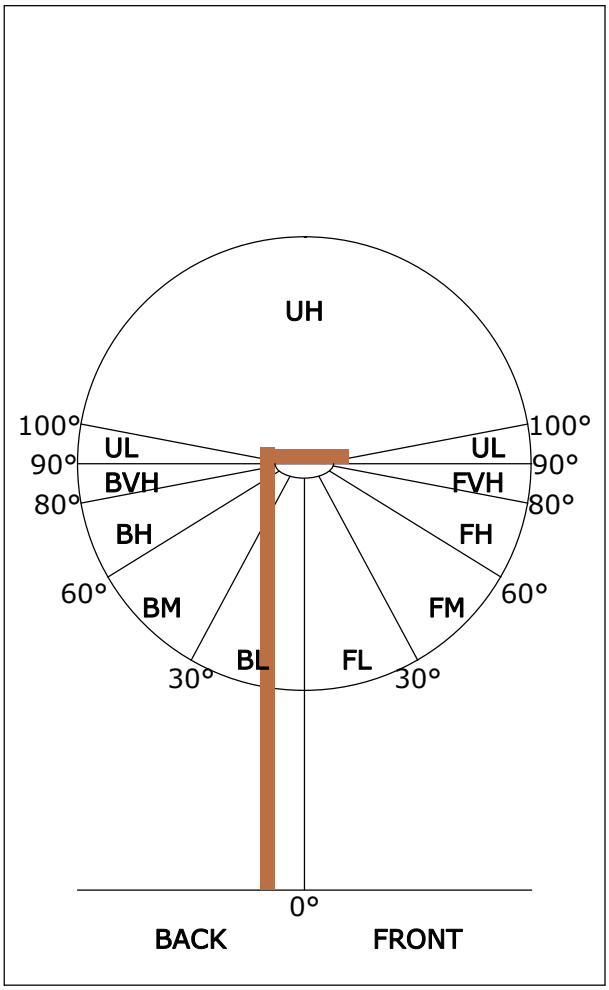
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
3H	-1.$	-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 9178lm (8log(F/F0) = 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:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



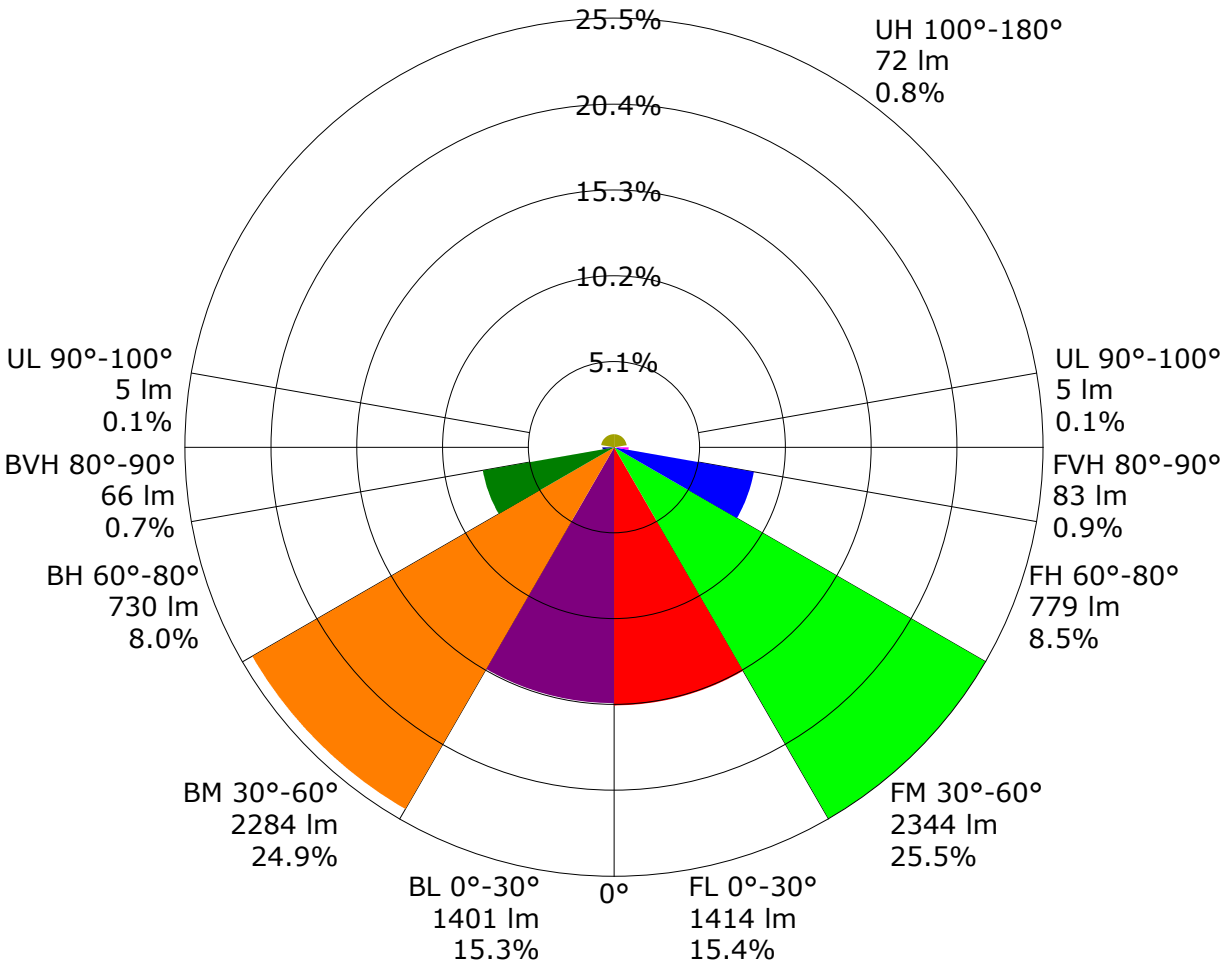
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	4621	50.3
FL (0°-30°)	1414	15.4
FM (30°-60°)	2344	25.5
FH (60°-80°)	779	8.5
FVH (80°-90°)	83	0.9
BACK LIGHT	4481	48.8
BL (0°-30°)	1401	15.3
BM (30°-60°)	2284	24.9
BH (60°-80°)	730	8.0
BVH (80°-90°)	66	0.7
UP LIGHT	77	0.8
UL (90°-100°)	5	0.1
UH (100°-180°)	72	0.8
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	0.57	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	0.65	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

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(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	0.91	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: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	0.22
	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	0.21
	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	0.14	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.19	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	3778.8	3.6	3.6	0.04	0.04
1.0-2.0	3775.9	10.8	14.5	0.12	0.16
2.0-3.0	3771.8	18.0	32.5	0.20	0.35
3.0-4.0	3766.7	25.2	57.7	0.27	0.63
4.0-5.0	3758.7	32.3	90.1	0.35	0.98
5.0-6.0	3747.6	39.4	129.4	0.43	1.41
6.0-7.0	3735.0	46.4	175.8	0.51	1.92
7.0-8.0	3720.9	53.3	229.1	0.58	2.50
8.0-9.0	3705.1	60.1	289.1	0.65	3.15
9.0-10.0	3687.1	66.7	355.9	0.73	3.88
10.0-11.0	3666.6	73.3	429.1	0.80	4.68
11.0-12.0	3644.0	79.7	508.8	0.87	5.54
12.0-13.0	3619.6	85.9	594.7	0.94	6.48
13.0-14.0	3593.6	92.0	686.7	1.00	7.48
14.0-15.0	3566.3	97.9	784.6	1.07	8.55
15.0-16.0	3536.6	103.6	888.3	1.13	9.68
16.0-17.0	3504.8	109.2	997.4	1.19	10.87
17.0-18.0	3471.5	114.5	1111.9	1.25	12.11
18.0-19.0	3436.7	119.6	1231.5	1.30	13.42
19.0-20.0	3400.0	124.5	1355.9	1.36	14.77
20.0-21.0	3361.8	129.1	1485.0	1.41	16.18
21.0-22.0	3322.2	133.5	1618.6	1.45	17.63
22.0-23.0	3280.9	137.7	1756.3	1.50	19.13
23.0-24.0	3238.2	141.6	1897.9	1.54	20.68
24.0-25.0	3194.8	145.3	2043.1	1.58	22.26
25.0-26.0	3149.1	148.7	2191.8	1.62	23.88
26.0-27.0	3101.8	151.8	2343.6	1.65	25.53
27.0-28.0	3054.1	154.6	2498.2	1.68	27.22
28.0-29.0	3005.3	157.3	2655.5	1.71	28.93
29.0-30.0	2954.7	159.6	2815.0	1.74	30.67
30.0-31.0	2903.1	161.6	2976.6	1.76	32.43
31.0-32.0	2851.0	163.4	3140.0	1.78	34.21
32.0-33.0	2797.6	164.8	3304.8	1.80	36.01
33.0-34.0	2743.7	166.1	3470.9	1.81	37.82
34.0-35.0	2689.2	167.0	3637.9	1.82	39.64
35.0-36.0	2633.6	167.7	3805.6	1.83	41.46

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	2578.1	168.2	3973.8	1.83	43.29
37.0-38.0	2522.2	168.4	4142.1	1.83	45.13
38.0-39.0	2465.0	168.3	4310.4	1.83	46.96
39.0-40.0	2407.5	167.9	4478.4	1.83	48.79
40.0-41.0	2350.0	167.4	4645.7	1.82	50.62
41.0-42.0	2291.9	166.5	4812.3	1.81	52.43
42.0-43.0	2233.2	165.4	4977.7	1.80	54.23
43.0-44.0	2175.4	164.2	5141.9	1.79	56.02
44.0-45.0	2117.6	162.8	5304.7	1.77	57.80
45.0-46.0	2059.0	161.0	5465.7	1.75	59.55
46.0-47.0	2000.8	159.2	5624.9	1.73	61.28
47.0-48.0	1942.8	157.1	5782.0	1.71	63.00
48.0-49.0	1884.4	154.8	5936.7	1.69	64.68
49.0-50.0	1826.3	152.3	6089.0	1.66	66.34
50.0-51.0	1769.0	149.7	6238.7	1.63	67.97
51.0-52.0	1711.3	146.9	6385.6	1.60	69.57
52.0-53.0	1654.4	143.9	6529.5	1.57	71.14
53.0-54.0	1597.9	140.9	6670.4	1.53	72.67
54.0-55.0	1541.2	137.6	6807.9	1.50	74.17
55.0-56.0	1485.4	134.2	6942.2	1.46	75.64
56.0-57.0	1430.3	130.8	7073.0	1.42	77.06
57.0-58.0	1375.1	127.2	7200.2	1.39	78.45
58.0-59.0	1320.1	123.4	7323.6	1.34	79.79
59.0-60.0	1266.2	119.6	7443.2	1.30	81.09
60.0-61.0	1212.5	115.7	7558.9	1.26	82.36
61.0-62.0	1159.1	111.7	7670.6	1.22	83.57
62.0-63.0	1106.7	107.7	7778.3	1.17	84.75
63.0-64.0	1055.0	103.5	7881.8	1.13	85.87
64.0-65.0	1003.5	99.3	7981.2	1.08	86.96
65.0-66.0	953.0	95.1	8076.3	1.04	87.99
66.0-67.0	902.9	90.8	8167.1	0.99	88.98
67.0-68.0	853.0	86.4	8253.5	0.94	89.92
68.0-69.0	804.1	82.0	8335.5	0.89	90.82
69.0-70.0	756.7	77.7	8413.3	0.85	91.66
70.0-71.0	710.1	73.4	8486.7	0.80	92.46
71.0-72.0	663.5	69.0	8555.7	0.75	93.22

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	617.9	64.6	8620.3	0.70	93.92
73.0-74.0	573.1	60.3	8680.5	0.66	94.58
74.0-75.0	528.9	55.9	8736.4	0.61	95.18
75.0-76.0	486.1	51.6	8788.0	0.56	95.75
76.0-77.0	444.2	47.4	8835.4	0.52	96.26
77.0-78.0	403.0	43.1	8878.5	0.47	96.73
78.0-79.0	363.0	39.0	8917.6	0.43	97.16
79.0-80.0	324.2	35.0	8952.5	0.38	97.54
80.0-81.0	286.0	30.9	8983.4	0.34	97.88
81.0-82.0	248.7	27.0	9010.4	0.29	98.17
82.0-83.0	212.7	23.1	9033.6	0.25	98.42
83.0-84.0	177.9	19.4	9052.9	0.21	98.63
84.0-85.0	144.3	15.8	9068.7	0.17	98.80
85.0-86.0	112.8	12.3	9081.0	0.13	98.94
86.0-87.0	83.3	9.1	9090.1	0.10	99.04
87.0-88.0	56.1	6.2	9096.3	0.07	99.11
88.0-89.0	32.9	3.6	9099.9	0.04	99.14
89.0-90.0	16.0	1.8	9101.6	0.02	99.16
90.0-91.0	6.8	0.7	9102.4	0.01	99.17
91.0-92.0	3.9	0.4	9102.8	0.00	99.18
92.0-93.0	3.7	0.4	9103.2	0.00	99.18
93.0-94.0	3.8	0.4	9103.6	0.00	99.19
94.0-95.0	4.0	0.4	9104.1	0.00	99.19
95.0-96.0	4.2	0.5	9104.5	0.01	99.20
96.0-97.0	4.5	0.5	9105.0	0.01	99.20
97.0-98.0	4.7	0.5	9105.5	0.01	99.21
98.0-99.0	4.9	0.5	9106.1	0.01	99.21
99.0-100.0	5.1	0.5	9106.6	0.01	99.22
100.0-101.0	5.3	0.6	9107.2	0.01	99.22
101.0-102.0	5.5	0.6	9107.8	0.01	99.23
102.0-103.0	5.8	0.6	9108.4	0.01	99.24
103.0-104.0	6.1	0.6	9109.0	0.01	99.24
104.0-105.0	6.3	0.7	9109.7	0.01	99.25
105.0-106.0	6.6	0.7	9110.4	0.01	99.26
106.0-107.0	6.9	0.7	9111.1	0.01	99.27
107.0-108.0	7.2	0.8	9111.9	0.01	99.28

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	7.5	0.8	9112.7	0.01	99.28
109.0-110.0	7.8	0.8	9113.5	0.01	99.29
110.0-111.0	8.1	0.8	9114.3	0.01	99.30
111.0-112.0	8.4	0.9	9115.2	0.01	99.31
112.0-113.0	8.7	0.9	9116.0	0.01	99.32
113.0-114.0	9.0	0.9	9116.9	0.01	99.33
114.0-115.0	9.2	0.9	9117.8	0.01	99.34
115.0-116.0	9.5	0.9	9118.8	0.01	99.35
116.0-117.0	9.9	1.0	9119.8	0.01	99.36
117.0-118.0	10.2	1.0	9120.8	0.01	99.37
118.0-119.0	10.5	1.0	9121.8	0.01	99.38
119.0-120.0	10.8	1.0	9122.8	0.01	99.39
120.0-121.0	11.1	1.1	9123.8	0.01	99.41
121.0-122.0	11.5	1.1	9124.9	0.01	99.42
122.0-123.0	11.8	1.1	9126.0	0.01	99.43
123.0-124.0	12.2	1.1	9127.1	0.01	99.44
124.0-125.0	12.6	1.1	9128.3	0.01	99.45
125.0-126.0	12.8	1.1	9129.4	0.01	99.47
126.0-127.0	13.2	1.2	9130.6	0.01	99.48
127.0-128.0	13.6	1.2	9131.8	0.01	99.49
128.0-129.0	13.8	1.2	9132.9	0.01	99.50
129.0-130.0	14.1	1.2	9134.1	0.01	99.52
130.0-131.0	14.5	1.2	9135.4	0.01	99.53
131.0-132.0	14.9	1.2	9136.6	0.01	99.54
132.0-133.0	15.3	1.2	9137.8	0.01	99.56
133.0-134.0	15.6	1.2	9139.0	0.01	99.57
134.0-135.0	15.9	1.2	9140.3	0.01	99.58
135.0-136.0	16.2	1.2	9141.5	0.01	99.60
136.0-137.0	16.5	1.2	9142.8	0.01	99.61
137.0-138.0	16.9	1.3	9144.0	0.01	99.63
138.0-139.0	17.3	1.3	9145.3	0.01	99.64
139.0-140.0	17.6	1.3	9146.5	0.01	99.65
140.0-141.0	17.8	1.2	9147.8	0.01	99.67
141.0-142.0	18.1	1.2	9149.0	0.01	99.68
142.0-143.0	18.5	1.2	9150.3	0.01	99.69
143.0-144.0	18.8	1.2	9151.5	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	19.1	1.2	9152.7	0.01	99.72
145.0-146.0	19.4	1.2	9153.9	0.01	99.73
146.0-147.0	19.8	1.2	9155.1	0.01	99.75
147.0-148.0	20.1	1.2	9156.3	0.01	99.76
148.0-149.0	20.3	1.2	9157.4	0.01	99.77
149.0-150.0	20.6	1.1	9158.6	0.01	99.78
150.0-151.0	21.0	1.1	9159.7	0.01	99.80
151.0-152.0	21.2	1.1	9160.8	0.01	99.81
152.0-153.0	21.5	1.1	9161.9	0.01	99.82
153.0-154.0	21.8	1.1	9163.0	0.01	99.83
154.0-155.0	22.1	1.0	9164.0	0.01	99.84
155.0-156.0	22.3	1.0	9165.1	0.01	99.85
156.0-157.0	22.6	1.0	9166.0	0.01	99.87
157.0-158.0	22.8	1.0	9167.0	0.01	99.88
158.0-159.0	23.1	0.9	9167.9	0.01	99.89
159.0-160.0	23.4	0.9	9168.8	0.01	99.90
160.0-161.0	23.7	0.9	9169.7	0.01	99.91
161.0-162.0	23.9	0.8	9170.5	0.01	99.91
162.0-163.0	24.1	0.8	9171.3	0.01	99.92
163.0-164.0	24.4	0.8	9172.1	0.01	99.93
164.0-165.0	24.7	0.7	9172.8	0.01	99.94
165.0-166.0	24.9	0.7	9173.5	0.01	99.95
166.0-167.0	25.1	0.6	9174.1	0.01	99.95
167.0-168.0	25.3	0.6	9174.7	0.01	99.96
168.0-169.0	25.4	0.6	9175.3	0.01	99.97
169.0-170.0	25.6	0.5	9175.8	0.01	99.97
170.0-171.0	25.9	0.5	9176.3	0.01	99.98
171.0-172.0	26.1	0.4	9176.7	0.00	99.98
172.0-173.0	26.3	0.4	9177.1	0.00	99.99
173.0-174.0	26.5	0.3	9177.4	0.00	99.99
174.0-175.0	26.6	0.3	9177.7	0.00	99.99
175.0-176.0	26.6	0.2	9177.9	0.00	99.99
176.0-177.0	26.8	0.2	9178.1	0.00	100.00
177.0-178.0	26.9	0.1	9178.2	0.00	100.00
178.0-179.0	26.9	0.1	9178.3	0.00	100.00
179.0-180.0	26.9	0.0	9178.3	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	3780.1	3780.1	3780.1	3780.1	3780.1	3780.1	3780.1	3780.1	3780.1	3780.1
G1.0	3781.5	3779.3	3779.1	3780.9	3775.2	3774.7	3778.8	3778.2	3776.4	3773.1
G2.0	3782.1	3780.9	3775.1	3781.5	3773.2	3776.3	3772.6	3774.0	3770.3	3761.6
G3.0	3779.3	3774.6	3776.2	3775.4	3772.6	3769.5	3767.1	3768.9	3757.1	3762.5
G4.0	3778.5	3771.7	3771.5	3771.5	3767.0	3767.2	3762.2	3762.7	3753.3	3751.4
G5.0	3765.2	3763.2	3761.9	3764.0	3758.7	3757.6	3753.4	3748.3	3732.8	3736.6
G6.0	3757.8	3751.1	3751.3	3754.9	3749.3	3744.7	3741.6	3738.0	3717.1	3723.9
G7.0	3749.9	3741.7	3742.4	3740.2	3738.0	3733.1	3724.9	3725.0	3696.6	3706.0
G8.0	3734.3	3729.9	3728.8	3733.1	3724.3	3718.1	3710.8	3708.4	3679.4	3686.1
G9.0	3715.3	3715.3	3713.9	3718.2	3708.0	3703.8	3692.5	3689.6	3651.7	3667.9
G10.0	3698.3	3695.4	3698.2	3701.4	3693.3	3688.4	3675.0	3668.7	3628.5	3644.4
G11.0	3677.4	3673.5	3676.5	3682.3	3674.2	3664.5	3653.2	3647.1	3602.6	3618.2
G12.0	3653.4	3652.3	3657.7	3661.3	3655.7	3647.9	3632.3	3618.3	3568.7	3587.7
G13.0	3626.8	3626.5	3631.6	3641.1	3631.9	3623.7	3606.1	3592.7	3536.0	3560.3
G14.0	3601.8	3600.9	3608.0	3614.3	3609.4	3598.9	3580.2	3562.8	3506.4	3524.7
G15.0	3573.8	3572.6	3585.5	3591.8	3584.2	3571.2	3548.9	3532.2	3467.7	3492.4
G16.0	3544.5	3542.8	3554.8	3563.4	3558.2	3544.2	3518.6	3495.0	3436.0	3454.4
G17.0	3507.0	3510.7	3522.1	3534.7	3529.8	3515.7	3487.7	3464.3	3393.8	3416.3
G18.0	3475.6	3478.6	3491.6	3503.6	3498.8	3482.3	3453.6	3424.4	3352.4	3380.5
G19.0	3436.6	3442.3	3457.1	3473.3	3468.2	3449.7	3417.3	3389.6	3310.1	3338.2
G20.0	3399.5	3402.6	3420.3	3439.7	3433.8	3417.0	3379.7	3347.1	3265.5	3293.5
G21.0	3356.4	3365.8	3384.2	3405.1	3401.5	3379.3	3340.2	3305.7	3224.2	3250.0
G22.0	3319.9	3326.3	3347.6	3369.0	3364.5	3341.2	3298.3	3264.5	3175.3	3198.2
G23.0	3274.1	3279.9	3304.7	3328.5	3329.7	3302.1	3257.0	3216.6	3124.7	3158.1
G24.0	3228.8	3236.8	3265.6	3289.7	3291.5	3260.9	3216.4	3170.5	3078.0	3110.5
G25.0	3184.1	3190.7	3220.6	3250.7	3251.1	3223.7	3171.0	3122.8	3027.6	3061.5
G26.0	3136.7	3143.8	3175.5	3205.1	3206.6	3179.5	3122.3	3074.4	2972.4	3009.8
G27.0	3088.7	3095.8	3129.6	3160.7	3162.9	3133.0	3077.3	3026.2	2919.3	2952.4
G28.0	3037.4	3051.3	3082.6	3118.4	3120.4	3088.1	3026.7	2974.4	2865.4	2902.2
G29.0	2987.6	2997.9	3034.0	3069.1	3075.3	3041.2	2978.5	2919.8	2810.8	2846.5
G30.0	2934.6	2944.5	2982.5	3023.9	3029.1	2993.3	2927.3	2864.1	2756.5	2793.4
G31.0	2879.9	2890.1	2933.0	2975.1	2976.2	2943.9	2874.1	2812.2	2700.9	2737.9
G32.0	2826.0	2843.1	2882.8	2922.0	2930.6	2894.1	2822.6	2755.5	2645.2	2679.8
G33.0	2772.6	2782.3	2828.0	2873.2	2879.7	2839.8	2769.0	2701.8	2583.1	2621.8
G34.0	2717.4	2729.1	2774.1	2821.4	2831.0	2789.0	2715.7	2642.5	2527.5	2565.2
G35.0	2659.3	2673.3	2721.1	2767.2	2777.8	2738.5	2663.0	2587.6	2471.3	2505.4
G36.0	2600.8	2617.8	2665.2	2715.3	2725.2	2683.6	2605.7	2526.8	2408.5	2451.2

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:

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	2545.5	2559.6	2611.8	2663.1	2673.6	2630.4	2548.8	2471.6	2352.1	2391.0
G38.0	2485.8	2503.9	2554.5	2612.2	2619.8	2576.5	2491.4	2414.8	2293.7	2333.0
G39.0	2430.5	2444.3	2496.2	2553.4	2564.7	2519.2	2432.3	2353.9	2231.3	2275.1
G40.0	2369.0	2386.9	2440.5	2493.5	2509.2	2461.6	2378.2	2293.7	2173.8	2218.3
G41.0	2310.5	2328.2	2384.1	2439.7	2452.0	2407.1	2319.8	2239.2	2112.8	2155.4
G42.0	2252.5	2268.3	2325.7	2382.7	2395.6	2350.3	2260.8	2180.2	2051.9	2096.3
G43.0	2194.2	2209.7	2268.2	2323.7	2338.5	2292.9	2201.8	2116.8	1996.5	2036.8
G44.0	2132.8	2151.6	2210.4	2268.7	2282.5	2236.2	2144.1	2060.4	1939.7	1981.0
G45.0	2077.3	2090.6	2150.8	2211.8	2225.8	2177.0	2086.0	2000.6	1880.0	1922.9
G46.0	2017.3	2033.0	2092.7	2151.7	2169.5	2118.8	2026.5	1943.7	1823.8	1865.0
G47.0	1959.9	1974.8	2033.6	2092.6	2110.2	2062.0	1970.7	1885.3	1765.3	1808.1
G48.0	1899.5	1916.5	1975.1	2034.7	2053.3	2005.2	1910.2	1828.6	1710.8	1751.6
G49.0	1842.1	1857.7	1916.1	1977.9	1990.1	1942.0	1853.3	1772.8	1655.4	1692.7
G50.0	1783.6	1802.2	1856.9	1918.7	1933.1	1883.7	1795.3	1714.3	1596.9	1638.0
G51.0	1730.2	1743.3	1801.1	1861.9	1878.0	1828.4	1737.0	1657.6	1540.7	1580.5
G52.0	1669.3	1685.6	1743.8	1801.5	1819.4	1768.3	1680.7	1602.0	1483.6	1524.8
G53.0	1616.2	1631.6	1688.5	1745.6	1760.5	1713.5	1624.2	1546.0	1431.5	1467.9
G54.0	1557.8	1569.3	1628.8	1687.5	1700.7	1655.4	1568.4	1492.1	1376.5	1414.0
G55.0	1502.0	1518.2	1571.9	1629.0	1643.3	1597.1	1512.3	1436.8	1323.2	1361.0
G56.0	1447.2	1463.0	1514.4	1572.6	1586.7	1541.1	1456.1	1384.3	1271.6	1304.7
G57.0	1395.9	1408.3	1461.8	1516.6	1533.0	1484.2	1402.7	1328.1	1219.3	1253.7
G58.0	1340.6	1354.7	1404.2	1459.2	1471.7	1427.8	1346.2	1274.9	1167.1	1201.8
G59.0	1287.8	1301.1	1349.7	1402.5	1417.4	1371.3	1292.0	1221.3	1116.9	1146.9
G60.0	1232.9	1246.5	1294.4	1347.9	1360.1	1317.6	1240.8	1172.3	1066.1	1099.2
G61.0	1181.3	1195.2	1241.5	1290.4	1303.4	1262.9	1186.6	1119.0	1013.2	1046.4
G62.0	1129.4	1143.9	1186.8	1239.2	1248.3	1208.9	1132.8	1067.7	966.9	995.3
G63.0	1079.6	1091.6	1133.1	1184.9	1197.0	1154.5	1081.5	1017.1	917.4	946.8
G64.0	1029.9	1039.2	1082.1	1130.0	1140.9	1099.8	1031.9	967.0	868.1	898.4
G65.0	981.1	990.4	1031.9	1075.5	1087.9	1047.0	978.3	918.2	820.4	850.6
G66.0	931.7	938.9	980.4	1025.6	1034.4	997.7	929.5	870.1	775.3	803.6
G67.0	884.2	893.5	928.2	973.3	980.3	944.5	879.5	822.2	728.6	755.7
G68.0	835.4	842.1	878.9	919.2	928.2	894.8	830.1	774.0	682.2	708.3
G69.0	787.0	796.8	828.4	869.8	876.3	843.2	780.1	728.6	641.2	664.0
G70.0	742.9	749.3	782.3	819.5	828.2	794.2	733.8	690.9	597.4	619.4
G71.0	697.2	702.8	734.5	769.4	777.9	744.4	690.8	639.3	555.2	576.4
G72.0	653.6	659.3	687.6	720.0	727.3	698.1	643.3	594.7	513.3	533.3
G73.0	609.2	613.7	641.3	675.1	684.9	650.8	598.0	552.2	471.9	492.0

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 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	565.9	569.7	594.4	625.3	631.7	604.8	552.6	510.8	432.6	452.3
G75.0	524.1	527.3	550.9	579.0	585.7	558.8	509.6	469.7	392.1	411.2
G76.0	484.6	486.8	508.5	535.3	541.4	513.9	466.7	428.8	354.1	372.1
G77.0	443.1	446.0	465.2	491.0	496.9	469.4	425.2	389.3	318.0	335.2
G78.0	402.8	406.0	421.7	447.4	451.7	426.9	384.2	349.6	283.4	296.7
G79.0	364.6	365.2	382.5	404.2	410.3	386.6	343.6	313.4	248.4	260.8
G80.0	329.5	328.9	342.3	362.3	367.7	343.3	306.4	277.2	213.9	226.6
G81.0	290.9	290.7	303.5	322.8	327.6	305.8	269.5	243.0	180.9	191.6
G82.0	254.7	254.0	265.5	282.6	287.2	266.1	231.9	207.6	149.1	160.0
G83.0	220.9	219.4	229.6	243.7	248.9	227.9	196.5	174.1	118.5	128.1
G84.0	186.6	185.5	192.5	207.8	210.6	190.4	161.3	142.0	90.6	98.7
G85.0	155.4	153.5	158.4	169.1	173.9	154.7	127.5	112.1	65.9	72.5
G86.0	125.9	123.0	126.3	135.1	139.6	120.6	97.1	83.4	44.0	48.9
G87.0	97.8	94.4	95.2	101.6	106.6	87.4	68.3	58.9	23.5	28.1
G88.0	72.1	68.8	66.0	69.6	73.5	54.8	41.7	36.4	8.4	10.0
G89.0	49.3	45.4	41.1	39.9	41.9	28.2	21.0	17.7	2.8	3.4
G90.0	28.1	24.3	20.7	16.7	14.2	7.2	5.9	5.9	2.4	2.6
G91.0	10.7	9.2	6.2	4.8	4.4	3.8	3.9	3.6	2.5	2.9
G92.0	4.1	4.3	3.8	4.5	4.4	4.2	4.7	4.1	2.1	3.2
G93.0	3.4	3.7	3.9	4.6	4.8	4.5	4.5	4.1	2.8	3.3
G94.0	4.0	3.8	3.6	4.8	5.1	4.4	4.2	4.3	3.1	3.2
G95.0	4.0	4.1	4.0	5.1	5.1	4.5	4.9	4.9	3.1	3.8
G96.0	4.2	4.4	4.6	5.6	5.5	5.3	5.3	4.8	3.8	4.0
G97.0	4.1	4.6	4.8	5.5	5.6	5.6	5.4	5.3	3.4	3.9
G98.0	4.7	5.0	5.0	5.6	6.1	5.5	5.5	5.5	3.6	4.4
G99.0	4.6	5.2	5.6	6.1	6.2	5.9	5.9	5.5	3.8	4.5
G100.0	5.1	5.3	5.1	6.1	6.9	5.9	6.0	5.7	4.2	4.6
G101.0	5.0	5.5	5.2	6.8	6.8	6.7	6.0	5.5	4.1	4.6
G102.0	5.4	5.9	6.2	7.0	7.0	7.0	6.9	5.7	4.8	5.2
G103.0	6.0	5.9	5.8	6.9	7.9	7.0	6.8	6.2	4.7	5.0
G104.0	5.6	6.3	6.7	7.3	7.4	7.2	7.0	6.8	5.2	5.7
G105.0	5.9	6.8	6.9	7.5	8.0	7.3	7.4	6.7	4.8	5.7
G106.0	5.9	6.6	7.5	8.4	8.4	7.9	7.4	7.2	5.7	6.0
G107.0	6.7	7.4	7.4	8.2	8.7	8.4	8.3	7.2	5.7	6.4
G108.0	7.0	7.5	7.7	8.6	9.3	8.4	8.4	8.1	6.0	6.6
G109.0	7.8	8.1	8.1	8.9	9.2	9.0	8.4	7.9	6.4	6.6
G110.0	7.7	7.6	8.4	9.7	9.9	9.3	9.0	8.3	6.7	6.9

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 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	7.6	8.8	8.4	9.7	9.9	9.6	9.3	8.5	6.8	7.1
G112.0	8.0	8.5	9.0	9.5	10.1	9.6	9.9	9.2	6.8	7.1
G113.0	8.6	9.5	9.5	10.1	10.5	9.9	9.8	9.3	7.6	7.6
G114.0	8.7	9.4	10.0	10.0	11.2	10.2	9.8	9.6	7.6	7.8
G115.0	8.7	9.6	9.9	10.7	11.4	10.5	10.0	10.2	8.0	8.5
G116.0	9.3	10.1	9.8	11.4	11.8	11.3	11.0	9.9	7.9	8.4
G117.0	9.9	10.3	10.5	11.4	11.8	11.5	11.1	10.5	8.2	8.8
G118.0	9.9	10.6	11.2	11.7	11.9	11.7	11.8	10.9	9.1	9.1
G119.0	10.7	10.8	11.1	12.4	12.8	12.1	11.7	11.2	8.7	9.8
G120.0	10.5	11.4	11.5	11.9	13.2	12.3	12.2	11.8	9.4	9.8
G121.0	11.0	11.9	11.8	13.0	13.4	12.8	12.3	11.9	9.7	10.6
G122.0	11.2	12.0	12.0	13.6	13.4	13.2	12.5	12.6	10.2	10.2
G123.0	11.7	12.6	12.9	13.5	14.2	13.2	13.2	12.6	10.2	11.1
G124.0	12.6	12.9	13.3	14.1	14.9	14.0	13.5	13.2	10.5	10.9
G125.0	12.3	12.8	13.4	14.5	14.8	14.2	14.1	13.2	11.1	11.5
G126.0	12.8	13.2	13.8	14.8	15.6	14.1	14.1	13.9	11.2	12.0
G127.0	12.6	14.0	13.9	14.9	15.7	14.6	14.7	14.1	12.0	12.5
G128.0	13.1	14.1	14.4	15.5	15.7	15.6	14.7	14.3	12.0	12.8
G129.0	13.4	14.1	14.4	15.6	15.9	15.1	15.2	14.9	12.2	13.1
G130.0	13.9	14.6	15.0	16.2	16.7	15.4	15.5	14.7	12.6	12.7
G131.0	14.3	14.8	15.2	16.3	16.9	16.0	16.0	15.3	13.0	13.5
G132.0	14.9	15.5	16.2	16.6	17.4	16.6	16.2	15.4	13.4	13.9
G133.0	14.9	15.6	16.1	17.2	17.7	16.8	16.5	16.0	13.1	14.4
G134.0	15.7	16.0	16.5	17.5	18.1	17.0	16.6	16.5	13.8	14.7
G135.0	15.9	16.5	16.5	18.0	17.8	17.2	17.0	16.7	14.0	15.1
G136.0	16.4	16.8	17.0	17.7	18.4	17.4	17.4	17.2	15.1	15.2
G137.0	16.3	17.2	17.9	18.1	18.8	17.8	17.8	17.2	14.4	15.2
G138.0	16.9	17.3	18.1	18.8	19.1	18.5	18.1	18.2	15.2	15.8
G139.0	16.8	17.2	18.6	19.0	19.4	18.6	18.3	17.9	16.0	16.4
G140.0	17.5	18.0	18.2	19.1	19.8	18.7	18.5	18.8	16.3	16.6
G141.0	17.4	18.3	18.6	19.4	19.9	19.6	18.5	18.4	16.0	17.1
G142.0	17.9	19.1	19.3	19.8	20.2	19.6	19.5	19.2	17.0	16.7
G143.0	18.3	18.4	19.0	20.3	20.7	19.7	19.8	19.2	16.8	17.1
G144.0	18.8	18.9	19.0	20.7	21.0	20.1	20.2	19.5	17.7	17.9
G145.0	19.2	19.7	19.9	20.5	20.7	20.5	20.0	19.4	17.4	18.1
G146.0	19.5	19.6	20.3	20.7	21.9	20.4	20.7	19.7	17.8	18.7
G147.0	19.5	20.5	20.7	21.2	22.2	21.3	20.7	20.7	18.4	18.9

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	19.8	20.8	20.8	21.7	21.7	21.4	21.4	20.5	18.1	19.1
G149.0	19.7	20.8	20.9	21.9	22.3	21.7	21.7	20.9	18.8	19.7
G150.0	20.4	21.1	21.3	21.9	22.7	22.0	21.6	21.3	19.2	19.7
G151.0	21.2	21.2	21.4	22.2	22.4	22.0	22.2	21.6	19.5	20.3
G152.0	21.1	21.6	21.9	22.8	22.9	22.5	21.6	21.3	19.7	20.2
G153.0	21.6	21.9	21.9	23.4	23.4	22.8	22.0	21.9	20.1	20.9
G154.0	21.6	22.5	22.3	23.7	24.5	22.8	22.8	22.2	20.5	20.9
G155.0	22.1	22.2	23.0	23.1	23.5	22.7	22.8	22.9	20.3	21.2
G156.0	22.3	22.6	22.7	24.1	24.0	23.4	23.0	23.2	21.0	21.6
G157.0	22.9	23.4	23.2	23.8	24.8	23.6	23.2	22.9	21.5	21.4
G158.0	22.9	23.1	24.0	24.2	24.1	23.6	23.7	23.1	21.5	22.2
G159.0	23.0	23.6	23.8	24.2	24.8	23.5	23.9	22.7	21.7	22.6
G160.0	23.1	23.6	24.2	24.4	24.7	24.6	24.0	23.9	22.1	23.2
G161.0	23.5	24.1	24.3	24.9	25.1	24.2	24.4	24.3	22.3	23.0
G162.0	23.6	24.3	24.3	25.4	25.5	24.7	24.6	24.6	22.4	23.4
G163.0	23.5	24.4	24.3	25.5	26.1	25.1	25.2	24.4	23.2	23.6
G164.0	24.0	24.3	24.6	25.6	25.9	25.1	24.6	24.9	23.2	24.1
G165.0	24.6	24.9	25.1	26.2	25.9	25.8	25.1	25.0	23.2	24.3
G166.0	24.2	25.5	25.7	26.0	26.6	25.6	25.0	25.0	23.5	24.6
G167.0	25.1	25.7	25.3	26.6	26.2	25.9	25.6	25.2	23.7	24.7
G168.0	24.9	25.6	25.3	26.2	26.5	25.6	25.2	25.2	23.7	24.9
G169.0	24.9	25.7	26.2	26.6	26.1	25.7	26.0	25.3	24.7	25.3
G170.0	25.1	25.7	26.2	26.6	26.8	25.9	26.0	26.3	24.4	25.1
G171.0	26.2	26.1	25.9	26.8	26.6	26.5	26.3	26.4	25.4	25.6
G172.0	26.1	26.3	26.2	26.8	27.1	26.6	26.3	26.4	25.5	25.6
G173.0	26.6	26.5	26.3	27.0	26.8	26.0	26.0	26.4	25.5	26.0
G174.0	26.7	26.5	26.7	27.6	27.2	26.6	26.9	26.6	26.2	26.3
G175.0	26.4	26.6	27.0	27.7	27.0	26.4	26.5	26.3	26.0	26.0
G176.0	26.1	26.7	26.7	27.6	27.8	26.9	26.9	26.5	26.2	26.3
G177.0	26.3	27.7	26.9	27.6	27.9	26.6	27.1	26.5	26.8	26.6
G178.0	26.4	26.6	27.0	27.8	27.8	26.5	26.9	26.9	26.2	26.7
G179.0	26.8	27.1	26.8	27.4	27.4	27.1	26.4	26.3	26.4	26.9
G180.0	26.7	27.1	27.1	27.6	27.0	26.5	26.4	26.5	26.6	26.7

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 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	3780.1	3780.1	3780.1	3780.1	3780.1	3780.1	3780.1			
G1.0	3774.0	3778.2	3776.4	3777.3	3780.2	3778.5	3781.5			
G2.0	3768.8	3774.2	3772.3	3774.8	3774.7	3774.2	3782.1			
G3.0	3761.9	3766.5	3769.3	3767.9	3768.6	3774.2	3779.3			
G4.0	3754.0	3759.3	3762.9	3762.5	3764.7	3761.9	3778.5			
G5.0	3741.2	3753.0	3753.2	3756.7	3758.0	3752.3	3765.2			
G6.0	3727.4	3737.9	3741.0	3747.5	3743.8	3741.5	3757.8			
G7.0	3709.6	3722.9	3731.1	3732.8	3730.5	3727.8	3749.9			
G8.0	3693.6	3704.6	3714.1	3721.3	3718.5	3711.4	3734.3			
G9.0	3676.2	3690.8	3699.6	3705.1	3701.7	3697.9	3715.3			
G10.0	3655.7	3671.7	3681.2	3687.3	3678.0	3674.2	3698.3			
G11.0	3632.4	3651.3	3661.0	3664.7	3658.0	3653.3	3677.4			
G12.0	3606.5	3625.6	3642.0	3647.3	3637.0	3625.4	3653.4			
G13.0	3575.7	3605.2	3615.7	3622.1	3611.5	3600.9	3626.8			
G14.0	3547.2	3578.8	3595.9	3600.9	3588.4	3569.7	3601.8			
G15.0	3520.2	3548.1	3568.4	3571.6	3559.6	3544.0	3573.8			
G16.0	3485.5	3519.3	3540.0	3546.2	3526.9	3507.8	3544.5			
G17.0	3453.3	3487.1	3508.6	3513.9	3496.8	3474.2	3507.0			
G18.0	3416.4	3455.8	3476.6	3480.5	3463.6	3438.4	3475.6			
G19.0	3378.0	3418.9	3448.4	3449.4	3424.3	3399.3	3436.6			
G20.0	3339.0	3385.4	3413.0	3412.3	3390.9	3359.5	3399.5			
G21.0	3298.0	3348.0	3375.2	3374.3	3349.2	3320.8	3356.4			
G22.0	3253.0	3308.5	3340.9	3338.9	3312.8	3275.3	3319.9			
G23.0	3208.1	3269.5	3300.7	3300.3	3269.9	3230.2	3274.1			
G24.0	3165.0	3226.7	3258.7	3258.9	3226.4	3184.7	3228.8			
G25.0	3120.3	3184.4	3219.8	3213.9	3182.4	3139.2	3184.1			
G26.0	3071.0	3138.0	3174.8	3172.4	3135.5	3088.9	3136.7			
G27.0	3024.0	3092.7	3131.0	3129.0	3086.9	3040.9	3088.7			
G28.0	2969.5	3044.7	3087.8	3085.5	3038.6	2988.3	3037.4			
G29.0	2921.3	2998.7	3040.6	3037.7	2992.6	2937.5	2987.6			
G30.0	2870.0	2945.2	2990.1	2984.3	2938.0	2886.0	2934.6			
G31.0	2815.2	2896.5	2943.6	2935.7	2890.2	2832.3	2879.9			
G32.0	2762.0	2842.1	2890.8	2886.4	2833.8	2778.0	2826.0			
G33.0	2706.0	2792.0	2840.9	2833.8	2781.6	2724.3	2772.6			
G34.0	2650.8	2738.8	2792.1	2781.7	2725.7	2664.9	2717.4			
G35.0	2592.4	2684.4	2738.4	2728.8	2670.3	2607.5	2659.3			
G36.0	2536.0	2631.1	2681.6	2672.6	2615.0	2553.0	2600.8			

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 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	2480.9	2578.1	2629.1	2618.0	2561.1	2494.1	2545.5			
G38.0	2422.2	2518.1	2573.1	2567.2	2502.2	2432.8	2485.8			
G39.0	2364.8	2463.8	2521.1	2507.6	2446.6	2374.3	2430.5			
G40.0	2306.6	2405.9	2464.4	2450.5	2389.9	2319.6	2369.0			
G41.0	2248.8	2348.6	2408.2	2396.6	2331.0	2257.5	2310.5			
G42.0	2189.0	2291.3	2348.4	2338.4	2272.1	2198.9	2252.5			
G43.0	2128.8	2231.4	2289.8	2280.5	2211.8	2138.5	2194.2			
G44.0	2074.0	2174.3	2236.3	2221.9	2156.5	2080.9	2132.8			
G45.0	2012.8	2117.6	2176.2	2163.8	2094.3	2022.9	2077.3			
G46.0	1956.9	2058.2	2117.3	2104.8	2038.4	1960.5	2017.3			
G47.0	1899.0	1999.1	2060.5	2045.8	1978.4	1903.4	1959.9			
G48.0	1838.7	1942.7	2001.7	1985.5	1920.8	1845.0	1899.5			
G49.0	1781.0	1880.6	1942.6	1928.5	1860.5	1787.3	1842.1			
G50.0	1725.5	1825.3	1883.8	1868.7	1803.6	1731.3	1783.6			
G51.0	1666.8	1765.9	1823.6	1810.3	1747.0	1674.5	1730.2			
G52.0	1608.3	1706.8	1764.0	1752.2	1686.8	1617.6	1669.3			
G53.0	1554.4	1650.4	1706.1	1697.7	1632.8	1559.2	1616.2			
G54.0	1497.0	1593.3	1647.8	1637.2	1576.2	1504.3	1557.8			
G55.0	1440.6	1536.6	1591.1	1580.3	1518.0	1449.7	1502.0			
G56.0	1388.5	1480.1	1533.4	1522.9	1462.2	1393.1	1447.2			
G57.0	1332.7	1423.2	1477.7	1465.0	1402.9	1341.5	1395.9			
G58.0	1278.9	1366.4	1419.0	1408.7	1350.0	1285.2	1340.6			
G59.0	1225.8	1309.9	1362.8	1352.5	1294.9	1232.4	1287.8			
G60.0	1172.7	1255.9	1307.0	1298.5	1239.9	1179.9	1232.9			
G61.0	1117.3	1202.2	1249.5	1243.1	1188.8	1128.1	1181.3			
G62.0	1065.1	1145.5	1193.7	1187.6	1134.1	1076.3	1129.4			
G63.0	1014.8	1093.5	1141.1	1133.6	1081.3	1026.3	1079.6			
G64.0	964.0	1041.1	1086.5	1080.2	1029.0	976.8	1029.9			
G65.0	912.7	988.4	1035.9	1027.3	976.2	926.7	981.1			
G66.0	864.0	937.8	981.2	973.4	926.9	876.8	931.7			
G67.0	814.4	885.7	927.6	921.4	875.3	830.4	884.2			
G68.0	767.6	834.8	877.2	869.6	828.0	782.3	835.4			
G69.0	719.5	784.1	826.6	820.4	777.7	734.6	787.0			
G70.0	674.7	737.6	775.4	769.7	730.6	691.5	742.9			
G71.0	625.9	690.0	724.4	721.3	691.1	646.1	697.2			
G72.0	582.8	643.2	677.2	674.1	637.4	599.9	653.6			
G73.0	537.8	595.3	629.0	627.4	591.6	558.7	609.2			

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:

Candlepower Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	494.4	549.3	583.3	578.9	546.8	516.1	565.9			
G75.0	452.2	504.7	537.1	535.2	502.7	474.8	524.1			
G76.0	410.6	460.6	492.3	488.5	460.8	434.8	484.6			
G77.0	369.9	417.3	448.2	446.8	418.4	394.0	443.1			
G78.0	333.2	375.5	406.6	403.9	378.9	354.5	402.8			
G79.0	294.2	335.9	364.4	361.3	340.8	317.7	364.6			
G80.0	256.4	297.3	324.8	321.8	300.8	280.2	329.5			
G81.0	217.9	256.5	283.2	281.9	262.8	244.9	290.9			
G82.0	184.5	220.1	245.2	241.8	226.1	210.0	254.7			
G83.0	149.5	182.6	207.3	205.9	190.3	177.4	220.9			
G84.0	116.9	146.7	170.8	170.6	154.5	145.5	186.6			
G85.0	85.8	113.3	135.8	133.3	123.0	114.0	155.4			
G86.0	58.4	80.1	101.9	99.1	90.7	86.5	125.9			
G87.0	34.9	49.6	68.2	66.6	62.8	61.1	97.8			
G88.0	14.9	24.0	37.0	37.0	38.3	38.6	72.1			
G89.0	3.9	6.4	10.3	14.2	18.0	18.5	49.3			
G90.0	2.7	3.3	3.2	2.4	3.9	5.4	28.1			
G91.0	3.1	2.4	2.9	2.5	2.0	2.9	10.7			
G92.0	3.0	3.7	3.7	2.7	2.9	2.5	4.1			
G93.0	3.1	3.5	3.7	3.2	3.1	3.0	3.4			
G94.0	3.1	3.8	4.3	3.5	3.6	3.2	4.0			
G95.0	3.5	4.0	3.9	3.4	3.4	3.5	4.0			
G96.0	3.2	4.2	4.3	3.7	3.9	2.9	4.2			
G97.0	4.3	4.9	4.8	3.9	3.5	3.7	4.1			
G98.0	3.9	4.9	4.8	3.9	4.2	3.7	4.7			
G99.0	3.5	5.1	4.8	4.1	4.3	4.3	4.6			
G100.0	4.6	4.6	5.4	4.7	4.4	4.3	5.1			
G101.0	4.8	5.6	6.0	4.8	3.9	3.8	5.0			
G102.0	5.1	5.4	5.6	5.0	4.9	4.8	5.4			
G103.0	5.0	5.7	6.1	5.5	5.4	4.8	6.0			
G104.0	5.6	6.0	6.7	5.6	5.4	5.0	5.6			
G105.0	5.2	6.4	6.7	6.1	5.9	5.1	5.9			
G106.0	6.1	7.0	6.8	6.1	5.9	5.0	5.9			
G107.0	6.3	7.0	7.2	6.4	6.2	5.7	6.7			
G108.0	6.2	7.5	7.5	6.7	6.4	5.9	7.0			
G109.0	6.7	7.6	7.6	7.0	6.8	6.2	7.8			
G110.0	7.6	7.6	8.1	7.3	7.0	6.1	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 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	7.3	8.2	8.5	8.0	7.5	7.0	7.6			
G112.0	7.6	8.4	8.6	7.9	7.5	7.3	8.0			
G113.0	7.7	8.6	9.1	8.4	8.1	7.4	8.6			
G114.0	8.1	8.9	9.4	8.5	8.6	7.2	8.7			
G115.0	8.3	8.9	9.7	8.7	8.5	8.0	8.7			
G116.0	8.9	9.7	9.9	9.2	8.6	8.3	9.3			
G117.0	8.9	9.7	10.3	9.4	9.2	8.4	9.9			
G118.0	9.5	9.9	10.6	9.9	9.6	8.6	9.9			
G119.0	9.6	10.5	10.6	9.8	9.6	9.1	10.7			
G120.0	9.8	10.3	11.3	10.4	9.9	8.8	10.5			
G121.0	10.2	10.6	11.4	10.3	10.6	9.8	11.0			
G122.0	10.7	11.7	12.0	11.2	10.6	10.0	11.2			
G123.0	10.7	11.7	12.2	11.6	10.4	10.3	11.7			
G124.0	11.3	12.3	12.2	11.6	11.2	10.9	12.6			
G125.0	11.4	12.4	12.8	11.7	11.8	10.5	12.3			
G126.0	11.5	12.5	13.0	12.2	12.1	11.6	12.8			
G127.0	12.1	12.9	13.8	12.8	12.2	11.9	12.6			
G128.0	12.6	13.2	14.2	12.9	12.3	11.7	13.1			
G129.0	12.9	13.8	14.2	13.2	13.0	12.1	13.4			
G130.0	13.7	13.9	14.6	13.7	13.6	12.2	13.9			
G131.0	13.3	14.2	15.0	13.8	13.9	12.6	14.3			
G132.0	14.2	14.5	15.9	14.2	13.6	13.6	14.9			
G133.0	14.8	15.4	15.9	14.6	14.7	13.6	14.9			
G134.0	14.6	15.3	16.0	14.8	14.5	13.9	15.7			
G135.0	15.2	16.0	16.2	15.5	14.8	14.8	15.9			
G136.0	15.1	16.2	16.9	15.5	15.3	14.7	16.4			
G137.0	15.6	16.5	16.8	15.5	15.6	14.8	16.3			
G138.0	16.3	17.2	17.8	16.2	15.8	15.2	16.9			
G139.0	16.4	16.8	17.9	16.5	16.4	16.0	16.8			
G140.0	16.4	17.4	18.4	17.4	16.7	16.2	17.5			
G141.0	17.1	17.7	18.0	17.2	16.5	16.2	17.4			
G142.0	16.9	18.1	19.1	17.8	17.1	16.5	17.9			
G143.0	18.0	18.6	19.3	18.4	17.7	16.5	18.3			
G144.0	18.4	18.7	19.8	18.1	17.8	17.2	18.8			
G145.0	18.7	19.1	19.9	18.6	17.6	17.6	19.2			
G146.0	18.9	19.7	20.2	19.3	18.6	17.7	19.5			
G147.0	18.9	19.8	20.6	19.7	18.8	18.0	19.5			

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 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	18.9	20.3	20.6	19.7	19.4	18.2	19.8			
G149.0	19.3	20.3	21.3	19.8	19.4	18.9	19.7			
G150.0	19.9	20.9	21.2	20.4	20.1	19.0	20.4			
G151.0	20.3	20.9	21.9	21.4	20.2	19.5	21.2			
G152.0	20.5	21.6	21.8	20.9	20.3	19.8	21.1			
G153.0	21.1	21.2	22.1	21.5	21.0	19.6	21.6			
G154.0	21.1	22.2	22.4	21.6	20.7	20.7	21.6			
G155.0	21.2	22.2	23.1	21.7	21.1	21.0	22.1			
G156.0	21.7	22.7	23.0	22.2	21.4	21.4	22.3			
G157.0	21.9	22.7	23.0	22.2	21.4	21.7	22.9			
G158.0	21.9	23.2	23.5	22.8	22.0	21.3	22.9			
G159.0	23.0	23.7	24.3	23.5	22.0	21.4	23.0			
G160.0	22.7	23.8	24.3	23.4	22.9	22.2	23.1			
G161.0	23.2	24.6	24.3	23.4	22.8	22.1	23.5			
G162.0	23.1	24.2	24.2	23.5	23.3	22.5	23.6			
G163.0	23.8	24.1	24.9	23.8	23.8	23.1	23.5			
G164.0	23.8	24.9	25.6	24.2	23.9	23.8	24.0			
G165.0	24.4	25.4	25.2	24.7	23.9	23.9	24.6			
G166.0	24.4	24.8	25.3	24.8	24.3	24.1	24.2			
G167.0	24.9	25.4	25.9	24.8	24.9	24.3	25.1			
G168.0	25.1	25.5	26.1	25.0	25.1	24.9	24.9			
G169.0	25.1	26.1	26.2	25.6	25.0	24.1	24.9			
G170.0	25.2	26.2	26.1	25.3	25.3	25.1	25.1			
G171.0	25.7	26.5	26.5	25.4	25.7	25.3	26.2			
G172.0	25.7	26.7	26.7	26.0	26.0	25.4	26.1			
G173.0	26.3	26.6	26.6	26.2	26.4	25.8	26.6			
G174.0	26.5	27.0	26.7	26.3	26.2	25.8	26.7			
G175.0	26.1	27.0	26.6	26.5	26.3	26.2	26.4			
G176.0	26.3	27.3	26.6	26.4	26.8	26.4	26.1			
G177.0	26.8	27.1	27.4	26.5	27.2	26.2	26.3			
G178.0	26.9	27.2	26.7	26.5	26.9	26.5	26.4			
G179.0	26.7	27.4	26.7	26.8	26.9	26.6	26.8			
G180.0	26.8	27.4	27.3	27.0	26.8	27.0	26.7			

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: