Report No.: Test Time: 2024/3/22 星期五 00:12

Luminaire Property

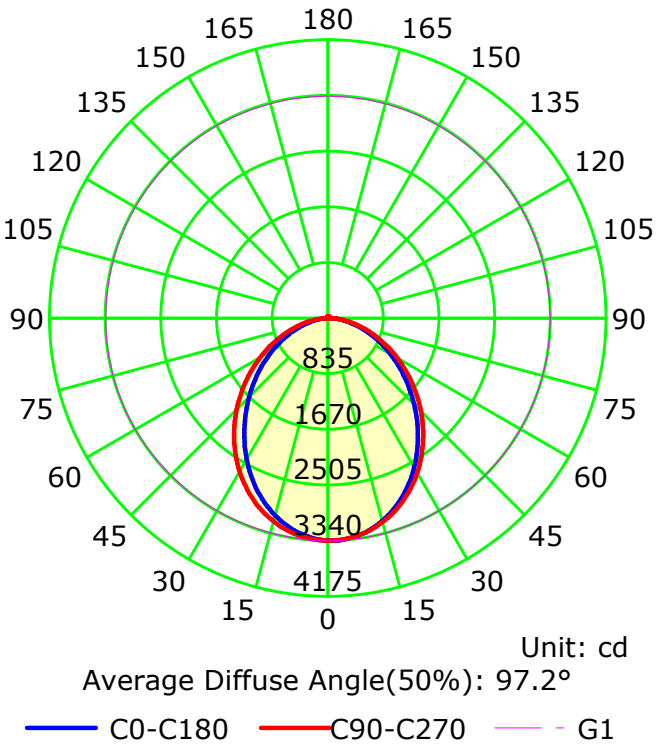
Luminaire Manufacturer:
Number of Lamps: 1
Lumens per Lamp: 8144.2 lm
Luminous Length (mm): 0 mm
Luminous Width (mm): 0 mm
Luminous Height (mm): 0 mm
Voltage: 120.0 V
Current: 0.506A
Power: 60.20 W
Power Factor: 0.990

Photometric Results

CIE Class: Direct
Total Rated Lamp Lumens: 8144.2 lm
Measurement Flux: 8144.1 lm
Efficiency: 100.00%
Downward Ratio: 99.14%
Upward Ratio: 0.86%
Horizontal Diffuse Angle(10%,50%): H154.1,H93.3
Vertical Diffuse Angle(10%,50%): V158.7,V101.2
Luminaire Efficacy Rating (LER): 135.33
Central Intensity: 3336.02 cd
Max. Intensity: 3340.16 cd
Pos of Max. Intensity: H0 V1
S/MH(C0/C180): 1.14
S/MH(C90/C270): 1.19

Picture Of Luminaire

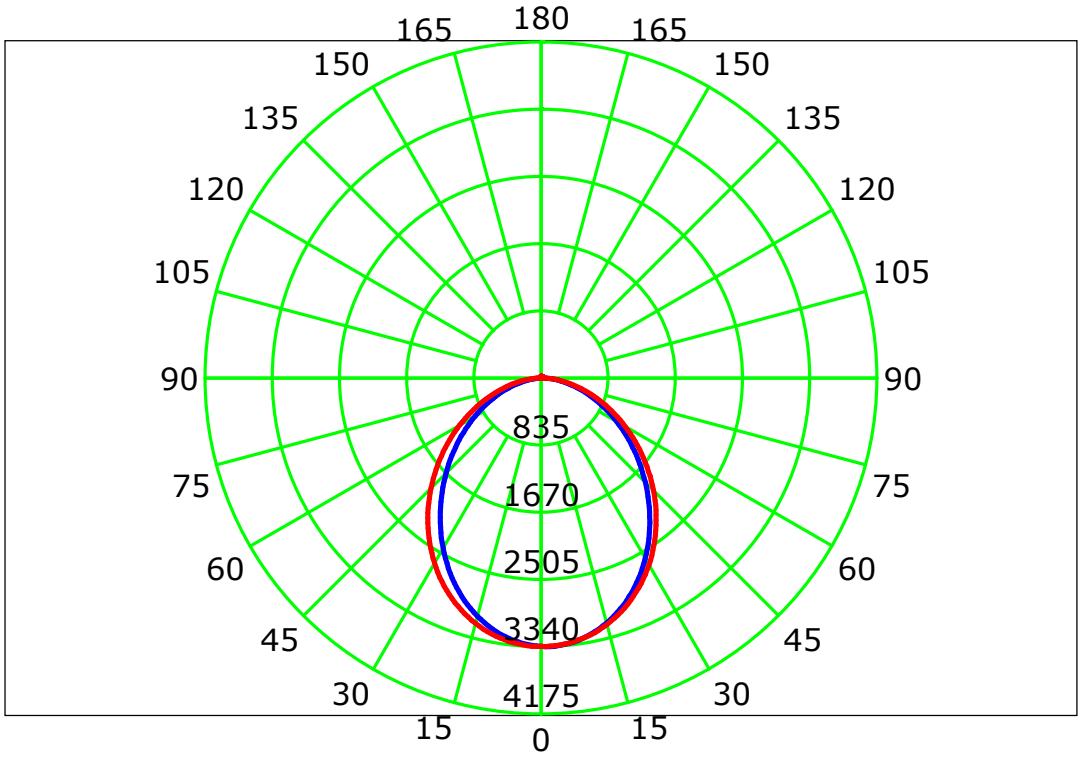
Luminous Intensity Distribution Curve

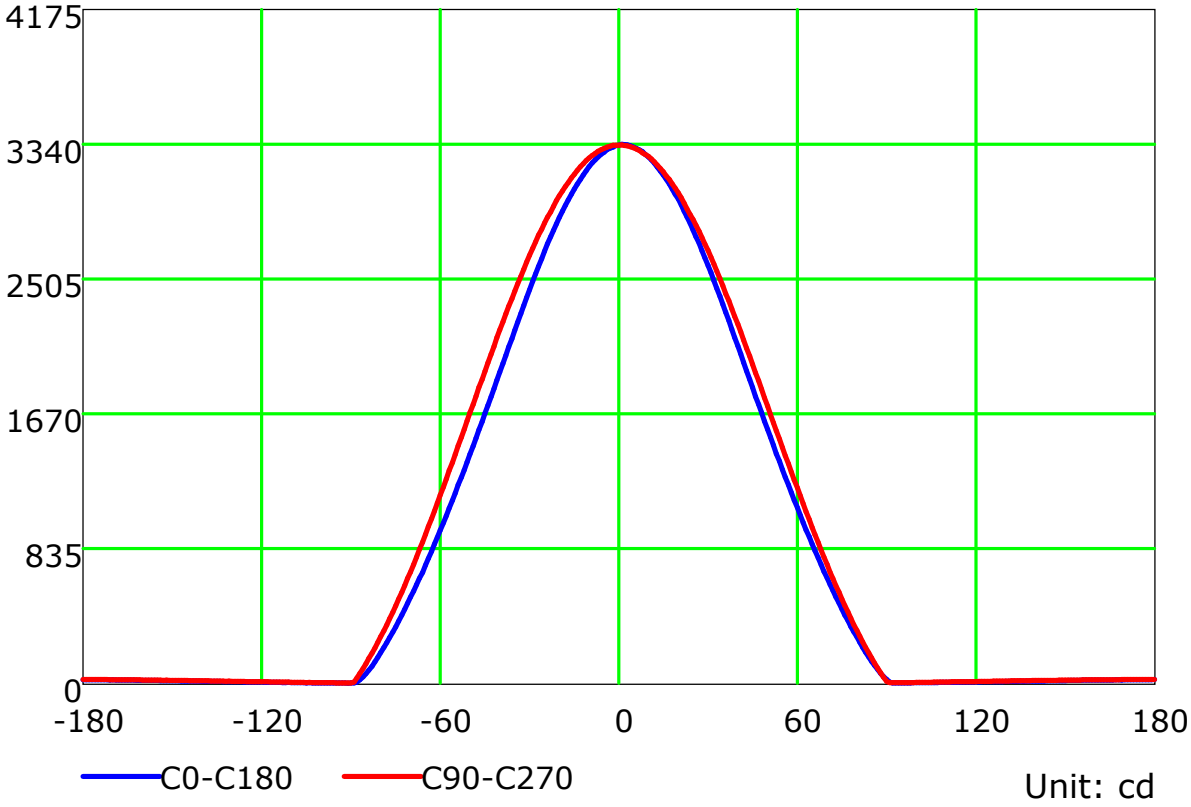


Unit: cd
Average Diffuse Angle(50%): 97.2°
C0-C180 C90-C270 G1

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

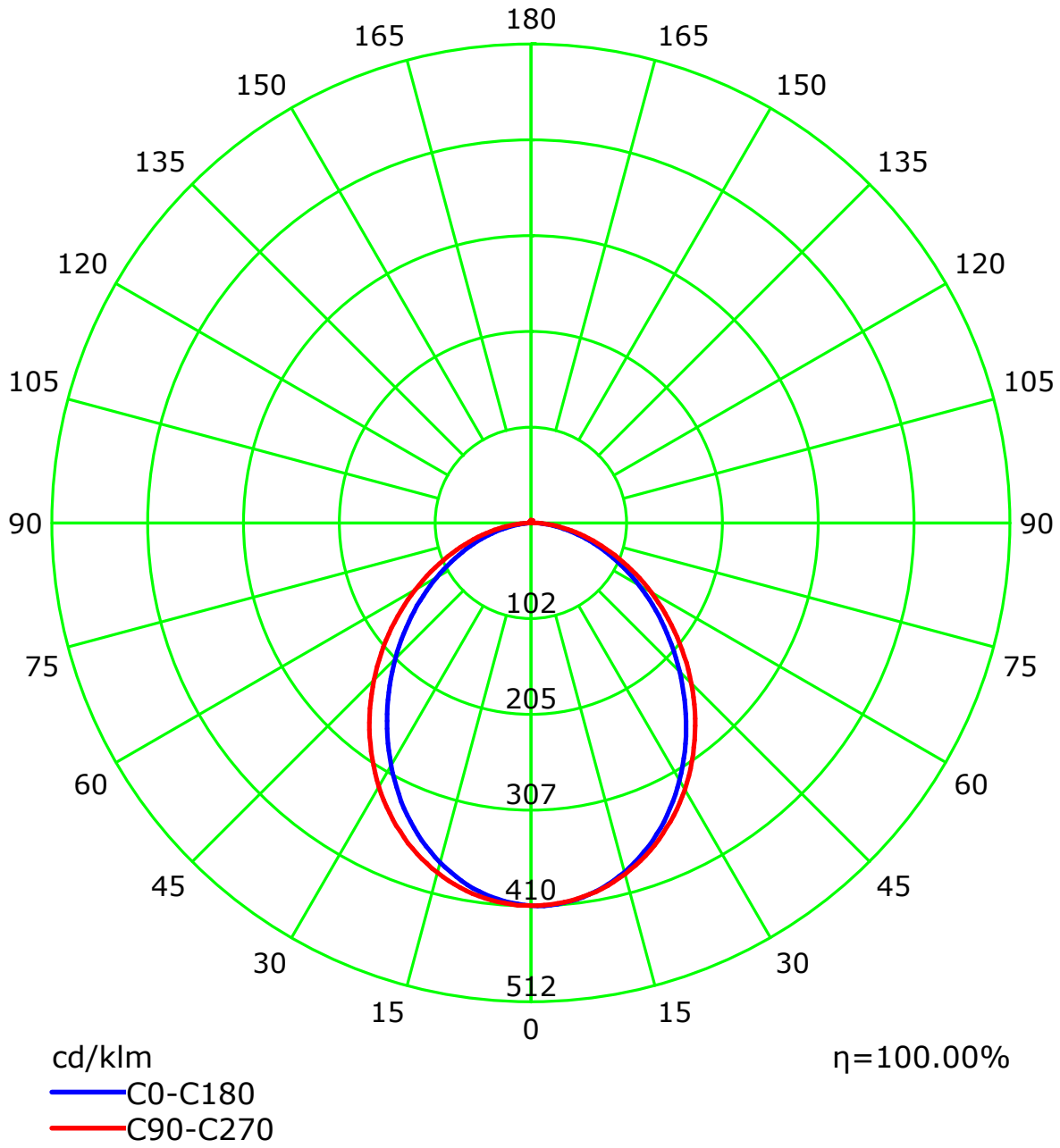




C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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:

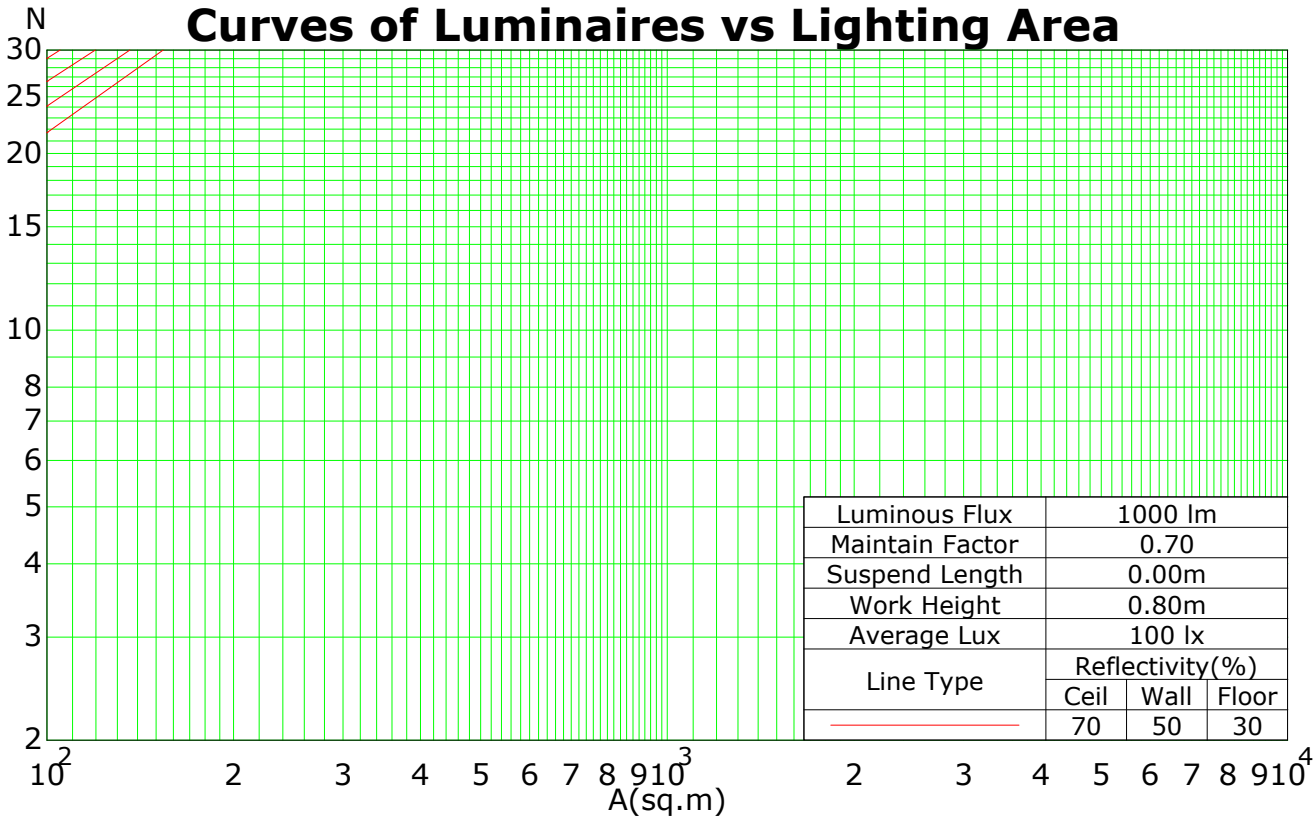
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

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	104	100	97	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	100	92	85	80	97	90	84	79	86	81	77	83	78	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	47	45
6	71	59	50	44	70	58	49	43	56	48	43	54	47	42	52	47	42	40
7	66	53	45	39	65	52	44	39	51	44	38	49	43	38	48	42	38	36
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32
9	58	45	37	31	57	44	37	31	43	36	31	42	35	31	41	35	31	29
10	54	41	34	29	53	41	33	28	40	33	28	39	33	28	38	32	28	26

Spacing Criteria (0-180): 1.14
Spacing Criteria (90-270): 1.19
Spacing Criteria (Diagonal): 1.27

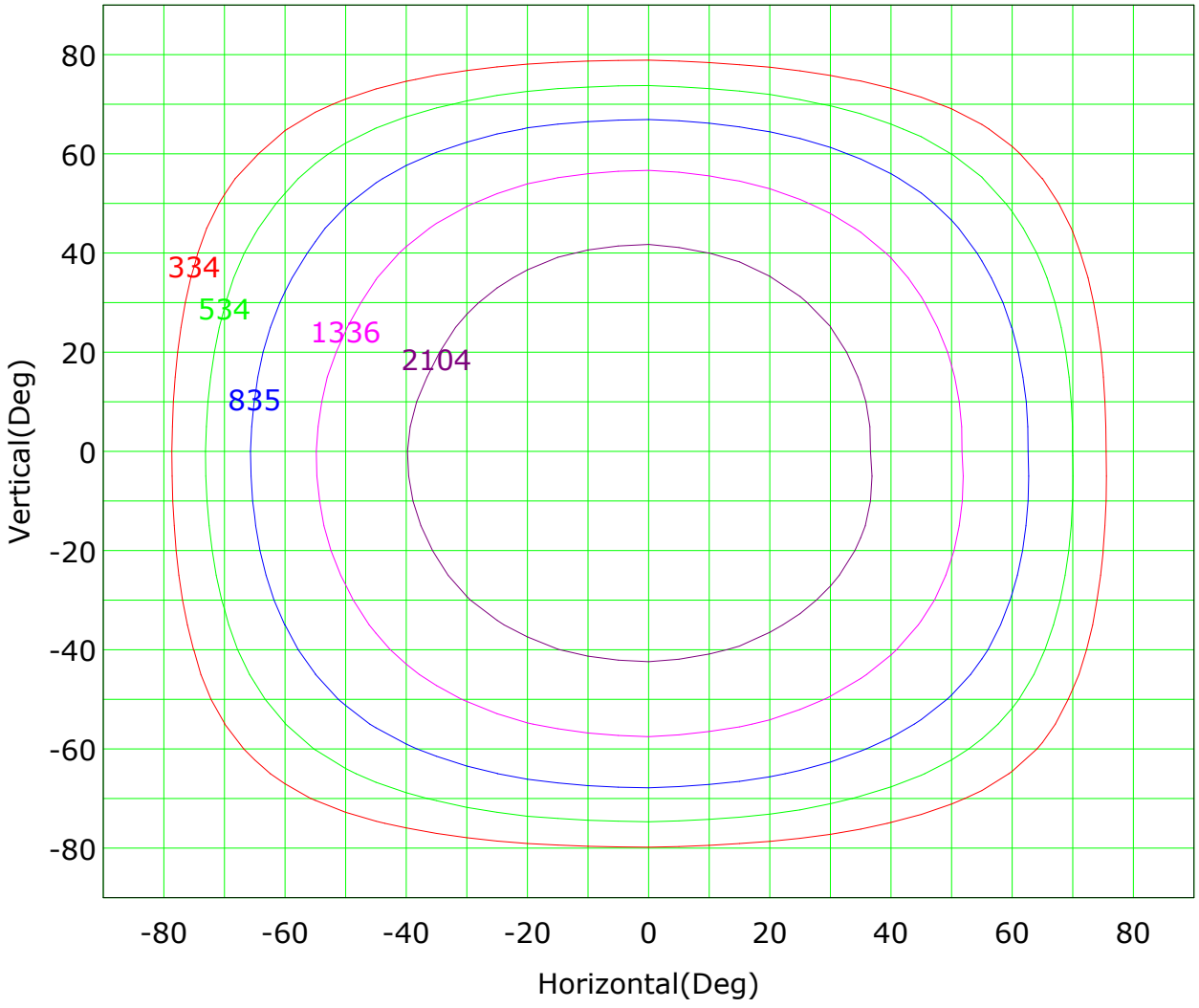
Curves of Luminaires vs Lighting Area



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)

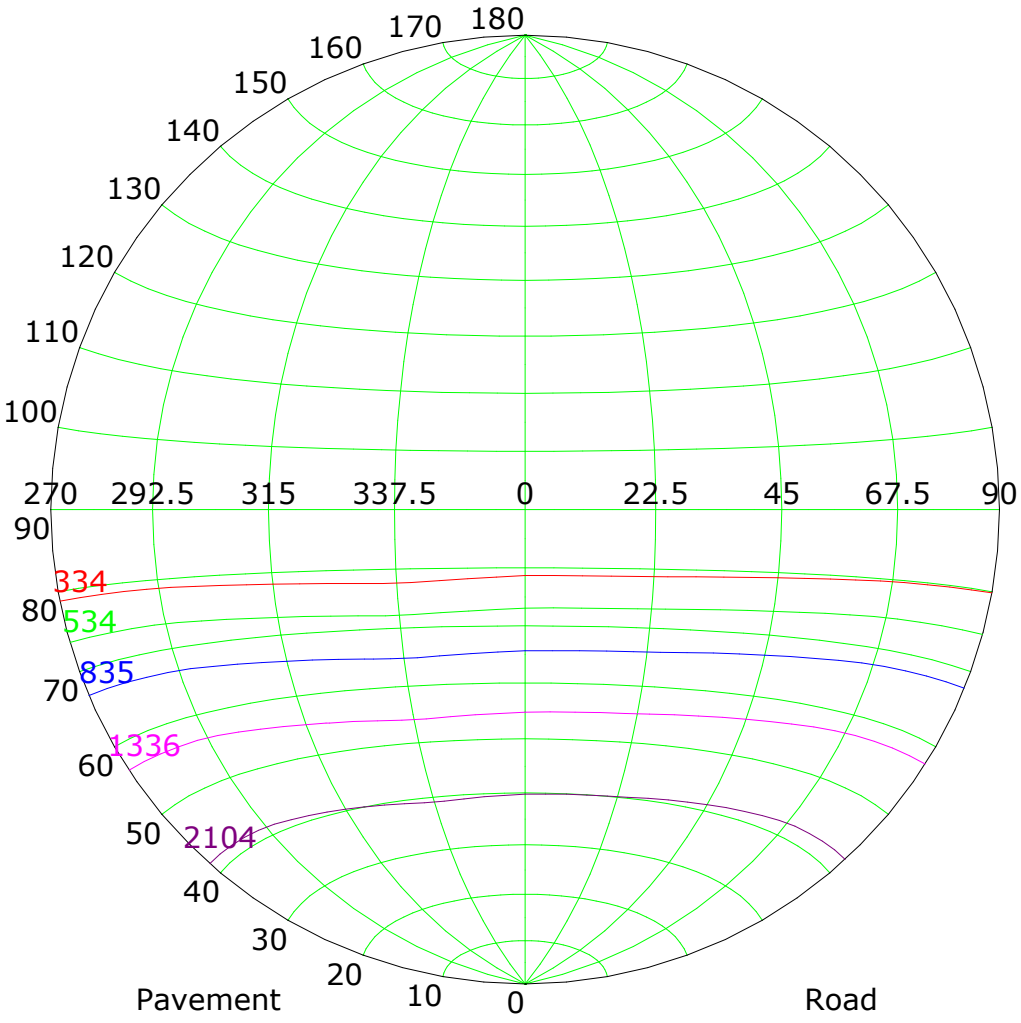


Imax (100%): 3340 cd

(10%): 334 cd
(16%): 534 cd
(25%): 835 cd
(40%): 1336 cd
(63%): 2104 cd
(100%): 3340 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)

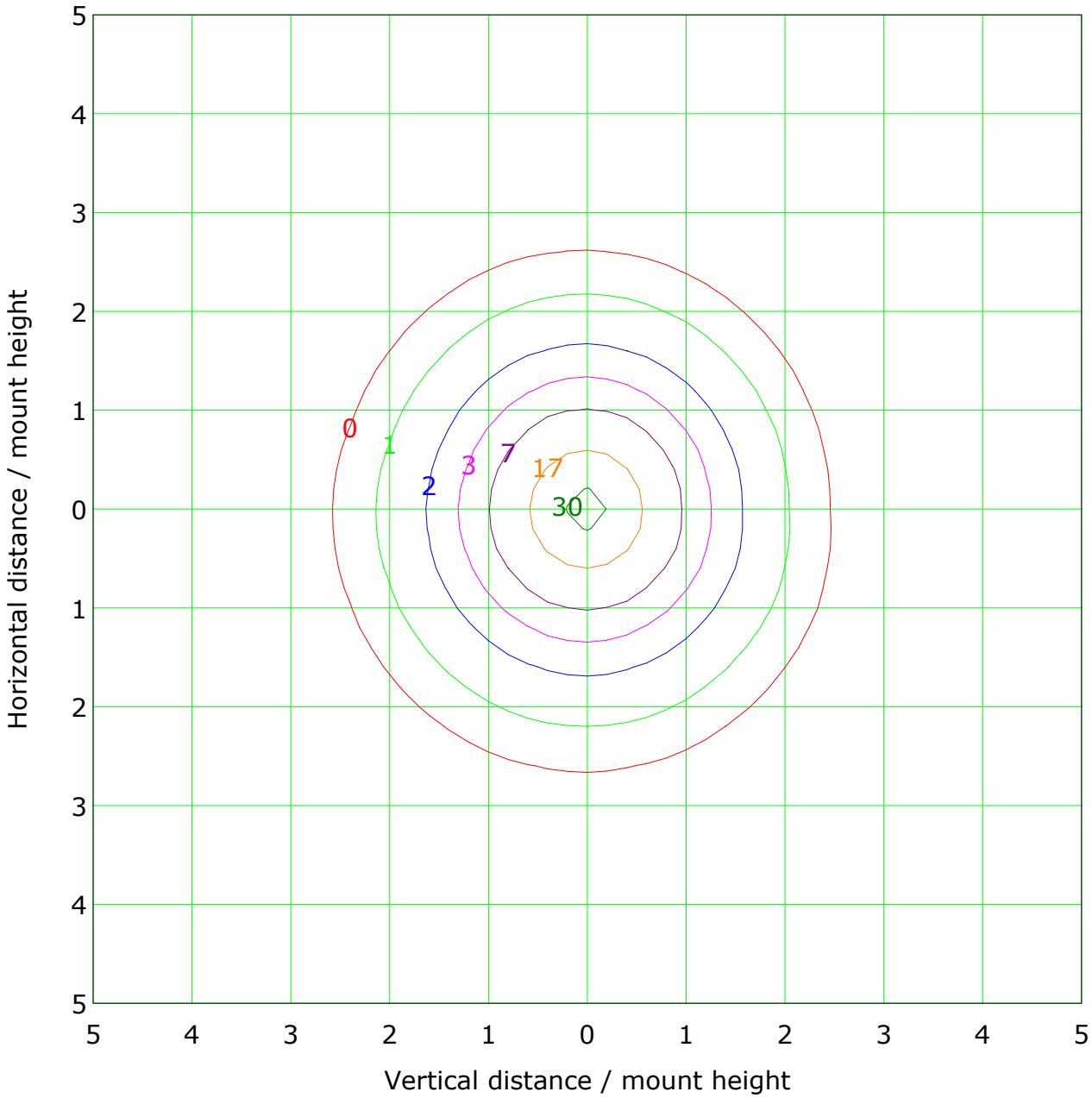


Imax (100%): 3340 cd

(10%): 334 cd
(16%): 534 cd
(25%): 835 cd
(40%): 1336 cd
(63%): 2104 cd
(100%): 3340 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:

IsoLux Plot



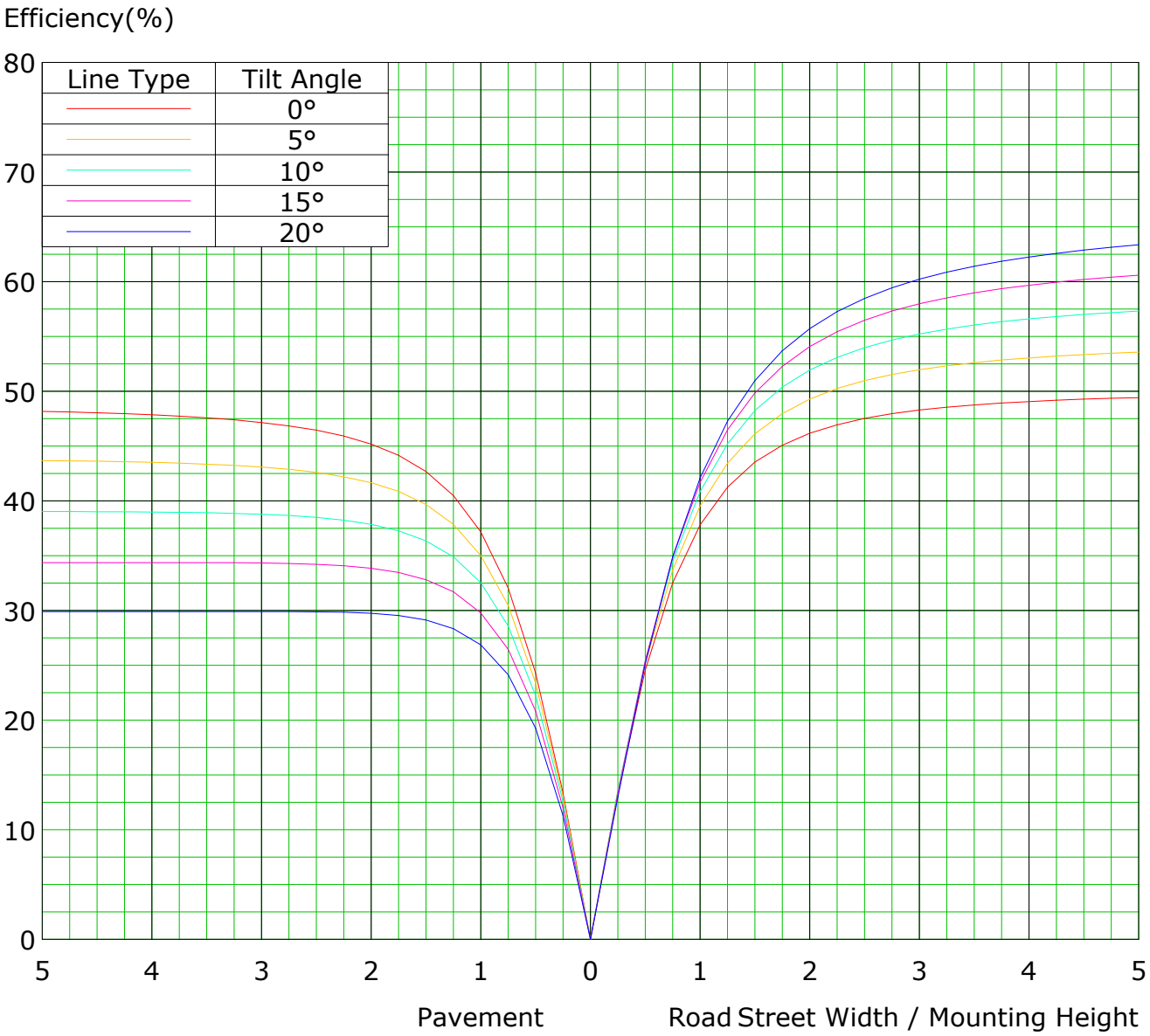
Mounting Height: 10.0m Max Lux(100%): 33.4 lx

(1%): 0.3 lx	(2%): 0.7 lx
(5%): 1.7 lx	(10%): 3.3 lx
(20%): 6.7 lx	(50%): 16.7 lx
(90%): 30.0 lx	(100%): 33.4 lx

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

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

Roadway CU Curve

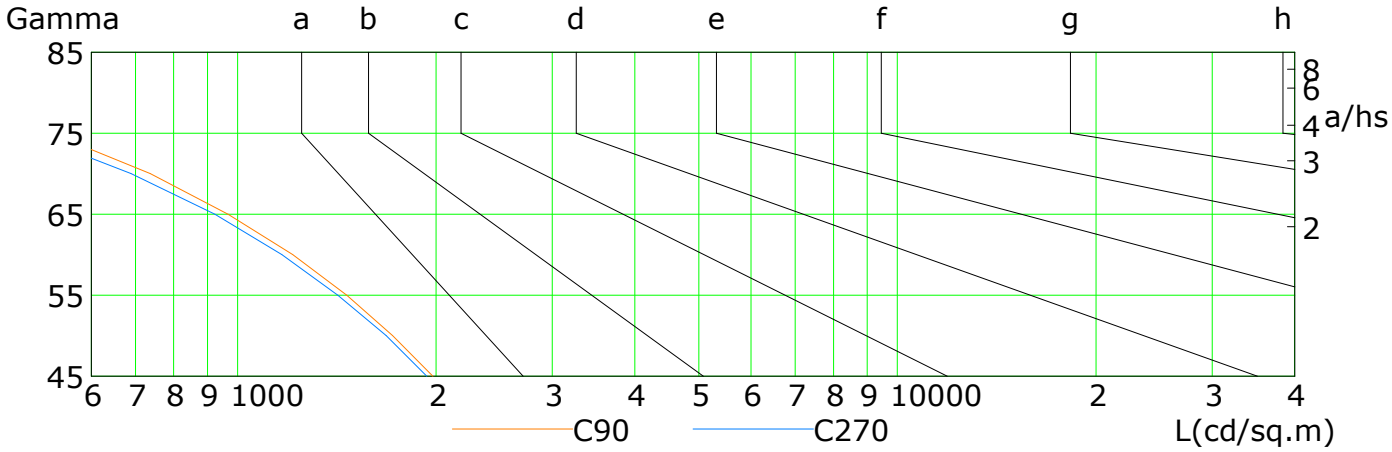


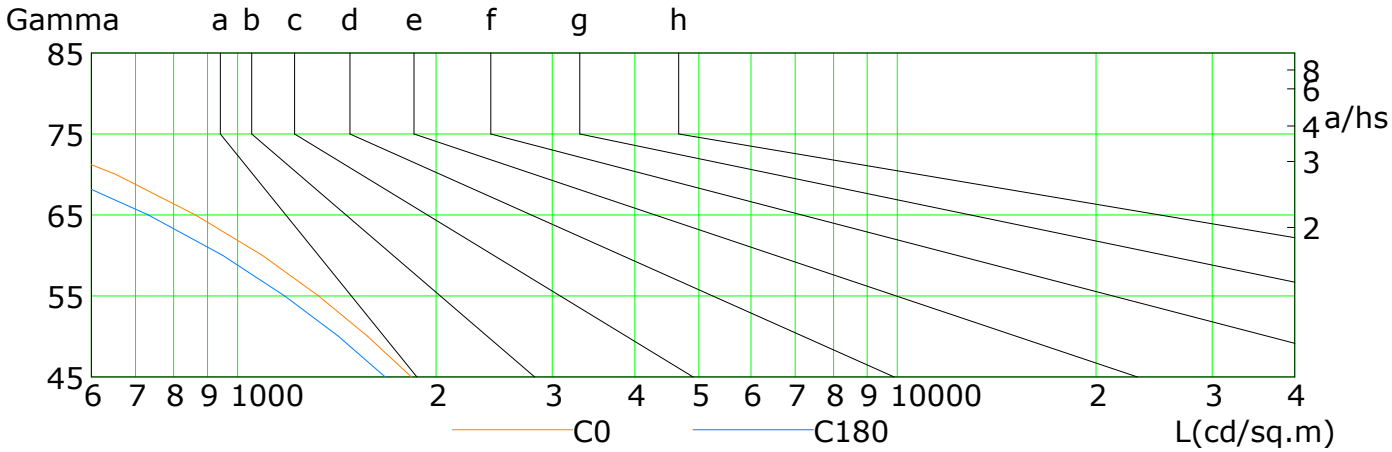
C Plane (°):0.0-360.0: 22.5
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300
		a	b	c	d	e	f	g	h



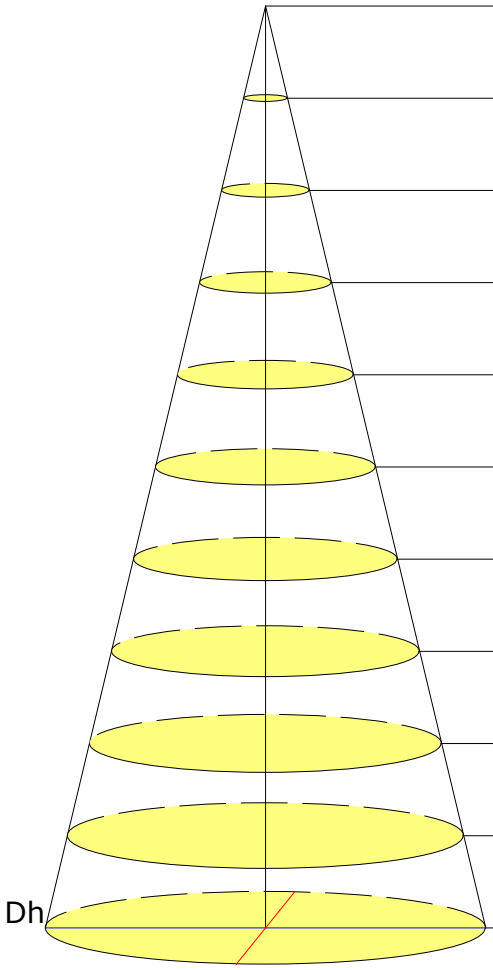


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	1834	1574	1327	1090	863	653	461	288	137
C90	1976	1718	1463	1212	968	737	522	329	157
C180	1674	1422	1179	949	733	534	350	192	61
C270	1935	1679	1419	1167	924	690	481	290	123

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)



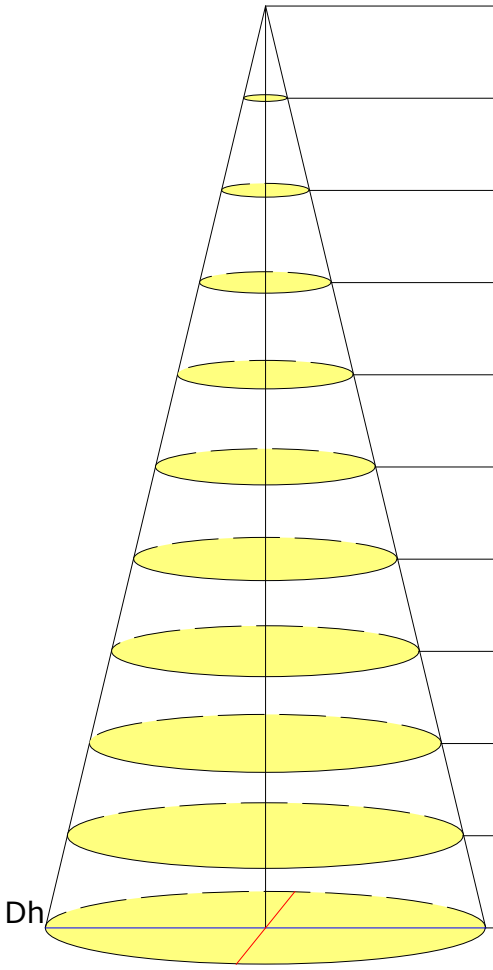
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
1.0	3336.02	2.12/2.43	4.1	747.72
2.0	834.01	4.23/4.86	16.3	186.93
3.0	370.67	6.35/7.30	36.6	83.08
4.0	208.50	8.47/9.73	65.1	46.73
5.0	133.44	10.58/12.16	101.7	29.91
6.0	92.67	12.70/14.59	146.4	20.77
7.0	68.08	14.81/17.03	199.3	15.26
8.0	52.13	16.93/19.46	260.3	11.68
9.0	41.19	19.05/21.89	329.4	9.23
10.0	33.36	21.16/24.32	406.6	7.48

Beam Angle(B): H93.2 V101.1 Field Angle(F): H154.1 V158.6

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:

Illuminance at a Distance(Field Angle)



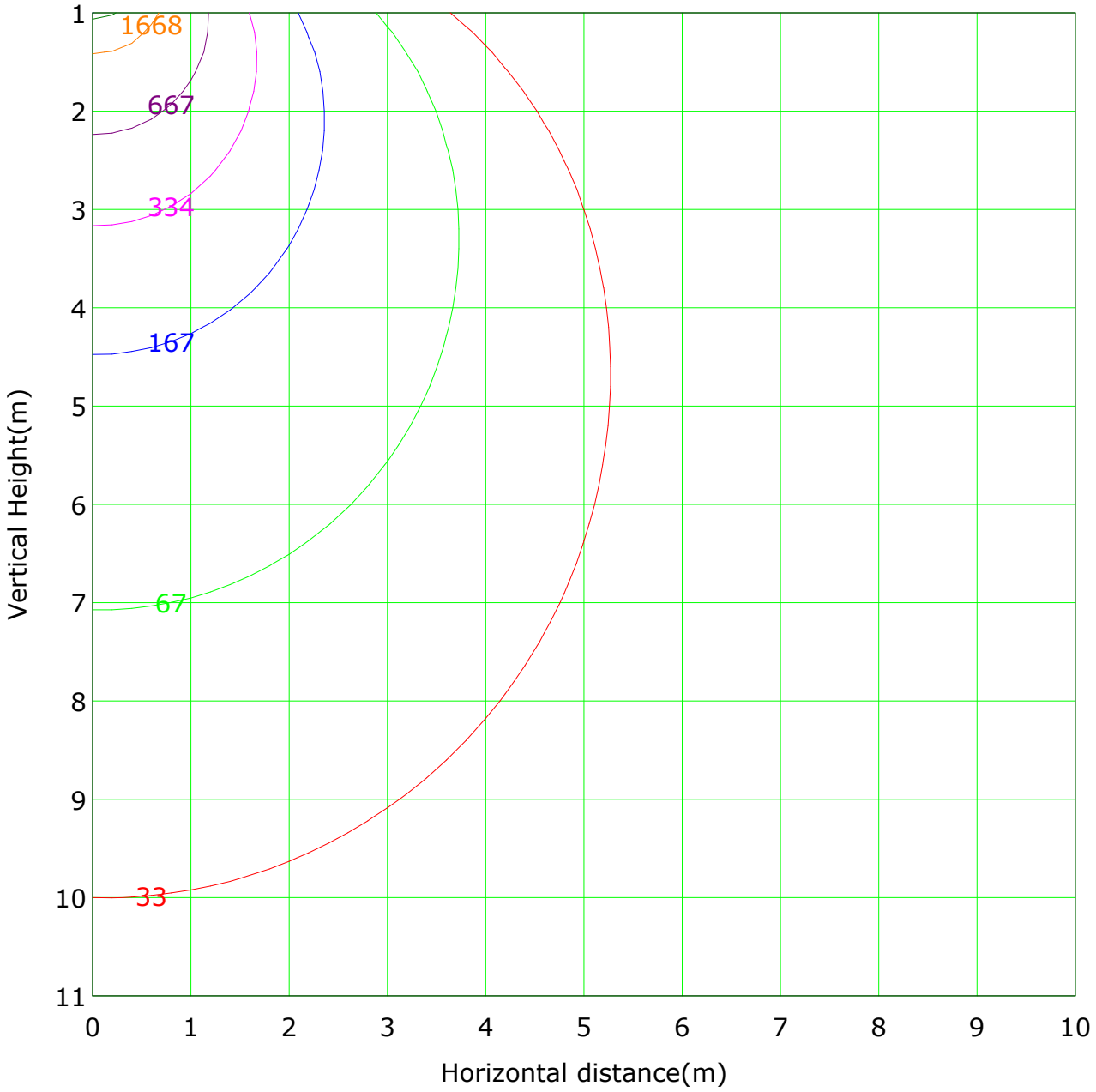
Dist(m)	Enadir(lx)	Dh/Dv_F(m)	S_F(sq.m)	Eav_F(lx)
1.0	3336.02	8.69/10.61	73.6	25.33
2.0	834.01	17.39/21.22	294.5	6.33
3.0	370.67	26.08/31.83	662.5	2.81
4.0	208.50	34.77/42.44	1177.8	1.58
5.0	133.44	43.46/53.05	1840.4	1.01
6.0	92.67	52.16/63.66	2650.1	0.70
7.0	68.08	60.85/74.27	3607.1	0.52
8.0	52.13	69.54/84.88	4711.3	0.40
9.0	41.19	78.23/95.48	5962.7	0.31
10.0	33.36	86.93/106.09	7361.4	0.25

Beam Angle(B): H93.2 V101.1 Field Angle(F): H154.1 V158.6

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:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 3336.0 lx

(1%): 33.4 lx	(2%): 66.7 lx
(5%): 166.8 lx	(10%): 333.6 lx
(20%): 667.2 lx	(50%):1668.0 lx
(90%):3002.4 lx	(100%):3336.0 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	1.2	1.9	2.6	3.3	3.7	3.9	3.6	3.0	2.3	1.6	1.0	0.5	0.3	0.1	29.8	0.0	
-80	0.0	0.3	1.3	3.0	5.4	8.1	10.8	13.0	14.4	14.6	13.5	11.6	8.9	6.2	3.7	1.8	0.7	0.1	117.6	81.9	
-70	0.1	0.8	2.8	6.2	10.7	15.8	20.9	25.1	27.6	27.8	25.8	21.9	16.8	11.6	7.0	3.4	1.2	0.2	225.6	214.6	
-60	0.1	1.3	4.4	9.5	16.3	24.2	32.0	38.5	42.3	42.7	39.4	33.2	25.4	17.5	10.4	5.1	1.8	0.3	344.5	338.6	
-50	0.2	1.8	5.9	12.7	22.0	32.6	43.4	52.4	57.7	58.1	53.5	44.8	34.1	23.3	13.8	6.8	2.4	0.3	465.8	462.1	
-40	0.2	2.2	7.3	15.7	27.1	40.5	54.2	65.7	72.5	72.9	67.0	55.9	42.3	28.6	16.9	8.3	2.9	0.4	580.4	577.7	
-30	0.2	2.6	8.4	18.1	31.3	47.2	63.4	77.1	85.1	85.6	78.4	65.3	49.1	33.1	19.7	9.6	3.3	0.4	677.9	675.7	
-20	0.3	2.8	9.2	19.9	34.5	51.9	70.1	85.3	94.2	94.7	86.6	72.0	54.3	36.8	21.8	10.6	3.6	0.5	749.1	747.2	
-10	0.3	2.9	9.6	20.7	36.0	54.4	73.4	89.4	98.9	99.4	91.1	76.3	57.8	39.1	23.1	11.2	3.8	0.5	787.9	786.0	
0	0.3	3.0	9.7	20.9	36.3	54.9	74.1	90.1	99.2	99.7	91.7	76.8	58.2	39.4	23.2	11.2	3.8	0.5	793.0	791.4	
10	0.3	2.9	9.5	20.4	35.4	53.4	71.5	86.3	94.8	95.1	87.5	73.2	55.5	37.6	22.3	10.8	3.7	0.5	760.5	758.5	
20	0.3	2.7	8.8	18.9	32.7	48.7	64.9	78.2	85.9	86.2	79.3	66.4	50.4	34.2	20.4	10.0	3.4	0.4	691.9	689.8	
30	0.2	2.4	7.8	16.7	28.4	42.0	55.7	67.1	73.6	73.9	68.0	57.0	43.5	29.7	17.8	8.7	3.0	0.4	595.8	593.2	
40	0.2	2.0	6.5	13.7	23.2	34.1	44.9	53.9	59.0	59.3	54.6	46.0	35.3	24.3	14.6	7.3	2.5	0.3	481.6	478.3	
50	0.1	1.5	5.0	10.4	17.5	25.5	33.5	40.0	43.7	43.9	40.6	34.4	26.6	18.5	11.2	5.6	2.0	0.3	360.3	355.3	
60	0.1	1.0	3.3	7.0	11.7	17.1	22.3	26.5	29.0	29.1	27.0	23.0	17.9	12.5	7.7	3.9	1.4	0.2	240.8	231.6	
70	0.0	0.5	1.8	3.8	6.3	9.2	12.1	14.3	15.7	15.8	14.7	12.6	9.9	7.0	4.4	2.3	0.9	0.1	131.2	101.6	
80	0.0	0.1	0.5	1.0	1.7	2.6	3.5	4.2	4.8	4.8	4.5	3.9	3.1	2.2	1.5	0.8	0.4	0.1	39.8	0.0	
90	2.8	30.8	101.9	219.3	377.8	564.1	753.3	910.4	1002.0	1007.6	926.6	777.4	591.3	403.3	240.6	118.0	40.8	5.7	8074		
Flux(T)	0.0	14.1	89.5	207.9	366.9	553.4	742.9	900.1	992.2	998.0	916.2	767.2	580.7	392.6	229.4	106.2	26.1	0.0		7883	
Flux(E)																					

Horizontal plane

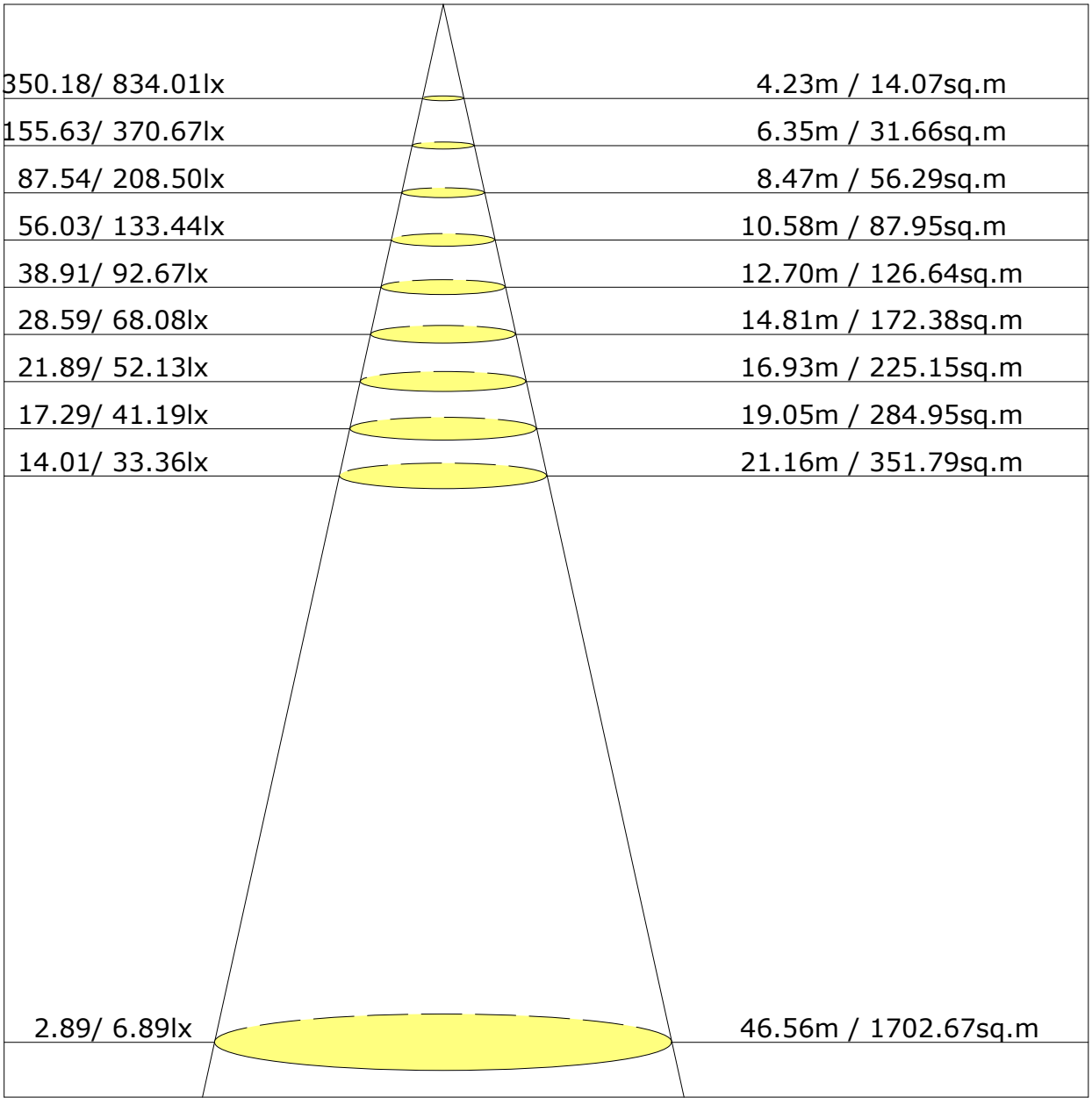
INVENTFINE™ 创惠仪器

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:

The Average Illuminance Effective Figure

Flux Out: 4927.57lm



Height	Avg./Nadir. E	Beam Angle:93.2°	Diameter / Area
2.0m	350.18/ 834.01lx		4.23m / 14.07sq.m
3.0m	155.63/ 370.67lx		6.35m / 31.66sq.m
4.0m	87.54/ 208.50lx		8.47m / 56.29sq.m
5.0m	56.03/ 133.44lx		10.58m / 87.95sq.m
6.0m	38.91/ 92.67lx		12.70m / 126.64sq.m
7.0m	28.59/ 68.08lx		14.81m / 172.38sq.m
8.0m	21.89/ 52.13lx		16.93m / 225.15sq.m
9.0m	17.29/ 41.19lx		19.05m / 284.95sq.m
10.0m	14.01/ 33.36lx		21.16m / 351.79sq.m
22.0m	2.89/ 6.89lx		46.56m / 1702.67sq.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

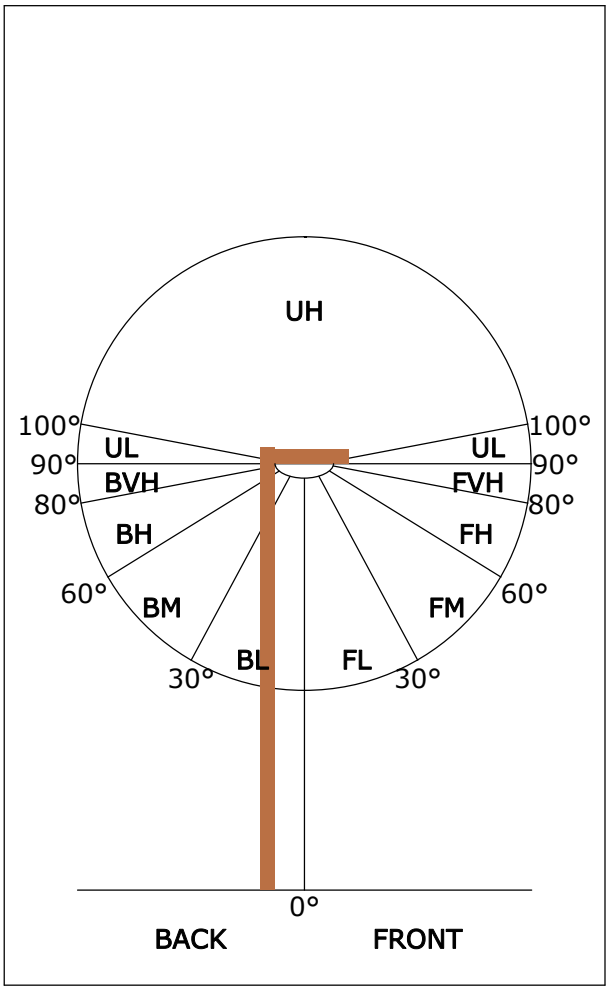
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$	-1.$
3H	-1.$	-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 8144lm (8log(F/F0) = 7.3).

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:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



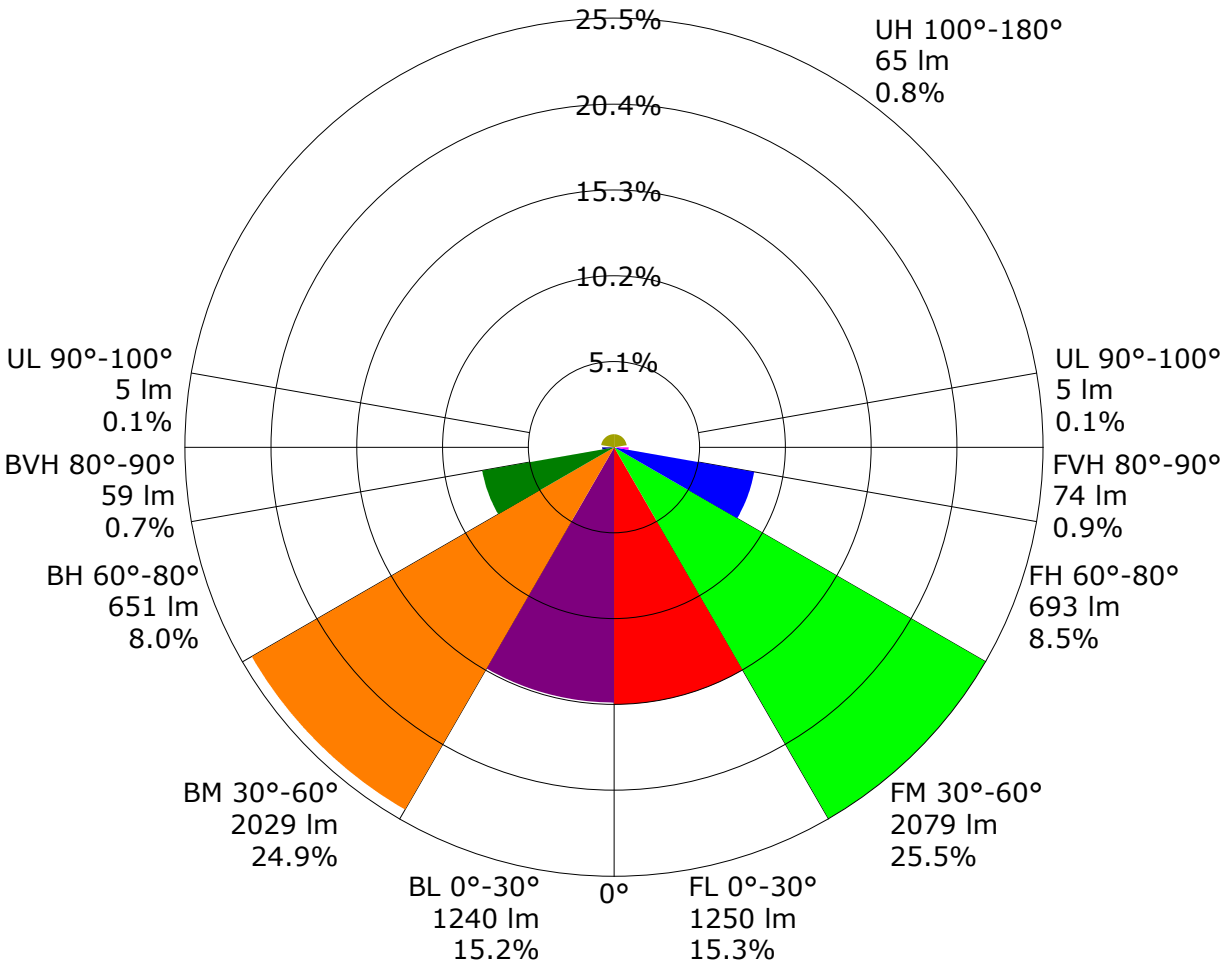
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	4095	50.3
FL (0°-30°)	1250	15.3
FM (30°-60°)	2079	25.5
FH (60°-80°)	693	8.5
FVH (80°-90°)	74	0.9
BACK LIGHT	3979	48.9
BL (0°-30°)	1240	15.2
BM (30°-60°)	2029	24.9
BH (60°-80°)	651	8.0
BVH (80°-90°)	59	0.7
UP LIGHT	70	0.9
UL (90°-100°)	5	0.1
UH (100°-180°)	65	0.8
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%

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	0.89	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	0.55	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	0.64	0.55	0.44	0.40	0.31	0.24	0.20
	0.30		0.78	0.65	0.56	0.49	0.40	0.34	0.29	0.23	0.19
	0.20		0.67	0.57	0.50	0.45	0.37	0.31	0.27	0.22	0.18
0.30	0.50	0.20	0.89	0.72	0.61	0.53	0.42	0.35	0.29	0.23	0.19
	0.30		0.76	0.63	0.54	0.48	0.39	0.32	0.28	0.22	0.18
	0.20		0.66	0.57	0.49	0.44	0.36	0.30	0.26	0.21	0.17
0.00	0.00	0.00	0.56	0.46	0.40	0.35	0.28	0.23	0.20	0.16	0.13

Rating: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:

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.25								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.17	0.18	0.19	0.20	0.21	0.21	0.22	0.22	0.23
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.50	0.50	0.20	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.15	0.17	0.17	0.19	0.19
	0.20		0.05	0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17
0.30	0.50	0.20	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.20	0.21
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

Rating: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	3336.2	3.2	3.2	0.04	0.04
1.0-2.0	3335.0	9.6	12.8	0.12	0.16
2.0-3.0	3331.5	15.9	28.7	0.20	0.35
3.0-4.0	3326.1	22.3	51.0	0.27	0.63
4.0-5.0	3318.3	28.5	79.5	0.35	0.98
5.0-6.0	3309.0	34.8	114.3	0.43	1.40
6.0-7.0	3298.6	40.9	155.2	0.50	1.91
7.0-8.0	3286.2	47.0	202.3	0.58	2.48
8.0-9.0	3272.0	53.0	255.3	0.65	3.13
9.0-10.0	3256.2	58.9	314.3	0.72	3.86
10.0-11.0	3238.8	64.7	379.0	0.79	4.65
11.0-12.0	3219.4	70.4	449.4	0.86	5.52
12.0-13.0	3198.3	75.9	525.3	0.93	6.45
13.0-14.0	3175.0	81.3	606.6	1.00	7.45
14.0-15.0	3150.6	86.5	693.1	1.06	8.51
15.0-16.0	3124.9	91.6	784.6	1.12	9.63
16.0-17.0	3097.2	96.5	881.1	1.18	10.82
17.0-18.0	3068.4	101.2	982.3	1.24	12.06
18.0-19.0	3038.3	105.7	1088.0	1.30	13.36
19.0-20.0	3006.2	110.0	1198.0	1.35	14.71
20.0-21.0	2973.2	114.2	1312.2	1.40	16.11
21.0-22.0	2938.8	118.1	1430.3	1.45	17.56
22.0-23.0	2902.2	121.8	1552.1	1.50	19.06
23.0-24.0	2864.5	125.3	1677.4	1.54	20.60
24.0-25.0	2826.3	128.5	1805.9	1.58	22.17
25.0-26.0	2786.2	131.5	1937.5	1.62	23.79
26.0-27.0	2744.9	134.3	2071.8	1.65	25.44
27.0-28.0	2703.5	136.9	2208.7	1.68	27.12
28.0-29.0	2660.4	139.2	2347.9	1.71	28.83
29.0-30.0	2616.0	141.3	2489.1	1.73	30.56
30.0-31.0	2571.3	143.1	2632.2	1.76	32.32
31.0-32.0	2525.5	144.7	2776.9	1.78	34.10
32.0-33.0	2478.8	146.1	2923.0	1.79	35.89
33.0-34.0	2431.7	147.2	3070.2	1.81	37.70
34.0-35.0	2383.9	148.1	3218.3	1.82	39.52
35.0-36.0	2334.7	148.7	3366.9	1.83	41.34

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	2285.3	149.1	3516.0	1.83	43.17
37.0-38.0	2236.8	149.3	3665.3	1.83	45.01
38.0-39.0	2186.6	149.3	3814.6	1.83	46.84
39.0-40.0	2135.2	148.9	3963.5	1.83	48.67
40.0-41.0	2084.8	148.5	4112.0	1.82	50.49
41.0-42.0	2033.9	147.8	4259.8	1.81	52.30
42.0-43.0	1982.0	146.8	4406.6	1.80	54.11
43.0-44.0	1930.8	145.7	4552.4	1.79	55.90
44.0-45.0	1879.7	144.5	4696.8	1.77	57.67
45.0-46.0	1828.0	143.0	4839.8	1.76	59.43
46.0-47.0	1776.7	141.3	4981.1	1.74	61.16
47.0-48.0	1725.4	139.5	5120.6	1.71	62.87
48.0-49.0	1673.6	137.5	5258.1	1.69	64.56
49.0-50.0	1622.7	135.3	5393.4	1.66	66.22
50.0-51.0	1572.0	133.0	5526.4	1.63	67.86
51.0-52.0	1521.0	130.5	5657.0	1.60	69.46
52.0-53.0	1470.7	127.9	5784.9	1.57	71.03
53.0-54.0	1420.7	125.2	5910.2	1.54	72.57
54.0-55.0	1370.6	122.4	6032.5	1.50	74.07
55.0-56.0	1320.9	119.4	6151.9	1.47	75.54
56.0-57.0	1272.0	116.3	6268.2	1.43	76.97
57.0-58.0	1223.3	113.1	6381.3	1.39	78.35
58.0-59.0	1174.4	109.8	6491.2	1.35	79.70
59.0-60.0	1126.5	106.4	6597.6	1.31	81.01
60.0-61.0	1079.1	103.0	6700.6	1.26	82.27
61.0-62.0	1031.9	99.4	6800.0	1.22	83.50
62.0-63.0	985.4	95.9	6895.9	1.18	84.67
63.0-64.0	939.3	92.2	6988.1	1.13	85.80
64.0-65.0	893.2	88.4	7076.5	1.09	86.89
65.0-66.0	847.8	84.6	7161.1	1.04	87.93
66.0-67.0	803.9	80.8	7241.9	0.99	88.92
67.0-68.0	759.7	77.0	7318.9	0.95	89.87
68.0-69.0	715.8	73.0	7391.9	0.90	90.76
69.0-70.0	673.5	69.2	7461.1	0.85	91.61
70.0-71.0	632.1	65.3	7526.4	0.80	92.41
71.0-72.0	590.8	61.4	7587.9	0.75	93.17

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	550.2	57.5	7645.4	0.71	93.88
73.0-74.0	510.4	53.7	7699.1	0.66	94.53
74.0-75.0	471.0	49.8	7748.9	0.61	95.15
75.0-76.0	432.9	46.0	7794.8	0.56	95.71
76.0-77.0	395.6	42.2	7837.0	0.52	96.23
77.0-78.0	359.0	38.4	7875.4	0.47	96.70
78.0-79.0	323.5	34.8	7910.2	0.43	97.13
79.0-80.0	288.7	31.1	7941.3	0.38	97.51
80.0-81.0	254.6	27.5	7968.9	0.34	97.85
81.0-82.0	221.5	24.0	7992.9	0.29	98.14
82.0-83.0	189.7	20.6	8013.5	0.25	98.40
83.0-84.0	158.7	17.3	8030.8	0.21	98.61
84.0-85.0	128.9	14.1	8044.9	0.17	98.78
85.0-86.0	100.9	11.0	8055.9	0.14	98.92
86.0-87.0	74.5	8.2	8064.1	0.10	99.02
87.0-88.0	50.3	5.5	8069.6	0.07	99.08
88.0-89.0	29.7	3.3	8072.8	0.04	99.12
89.0-90.0	14.5	1.6	8074.4	0.02	99.14
90.0-91.0	6.3	0.7	8075.1	0.01	99.15
91.0-92.0	3.7	0.4	8075.5	0.01	99.16
92.0-93.0	3.5	0.4	8075.9	0.00	99.16
93.0-94.0	3.7	0.4	8076.3	0.00	99.17
94.0-95.0	3.8	0.4	8076.7	0.01	99.17
95.0-96.0	4.0	0.4	8077.2	0.01	99.18
96.0-97.0	4.3	0.5	8077.6	0.01	99.18
97.0-98.0	4.5	0.5	8078.1	0.01	99.19
98.0-99.0	4.7	0.5	8078.6	0.01	99.19
99.0-100.0	4.8	0.5	8079.1	0.01	99.20
100.0-101.0	5.0	0.5	8079.7	0.01	99.21
101.0-102.0	5.3	0.6	8080.3	0.01	99.21
102.0-103.0	5.5	0.6	8080.8	0.01	99.22
103.0-104.0	5.8	0.6	8081.5	0.01	99.23
104.0-105.0	6.0	0.6	8082.1	0.01	99.24
105.0-106.0	6.2	0.7	8082.7	0.01	99.25
106.0-107.0	6.5	0.7	8083.4	0.01	99.25
107.0-108.0	6.7	0.7	8084.1	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	6.9	0.7	8084.9	0.01	99.27
109.0-110.0	7.2	0.7	8085.6	0.01	99.28
110.0-111.0	7.4	0.8	8086.4	0.01	99.29
111.0-112.0	7.8	0.8	8087.1	0.01	99.30
112.0-113.0	8.0	0.8	8088.0	0.01	99.31
113.0-114.0	8.2	0.8	8088.8	0.01	99.32
114.0-115.0	8.5	0.8	8089.6	0.01	99.33
115.0-116.0	8.7	0.9	8090.5	0.01	99.34
116.0-117.0	9.0	0.9	8091.4	0.01	99.35
117.0-118.0	9.4	0.9	8092.3	0.01	99.36
118.0-119.0	9.6	0.9	8093.2	0.01	99.37
119.0-120.0	9.8	0.9	8094.2	0.01	99.39
120.0-121.0	10.2	1.0	8095.1	0.01	99.40
121.0-122.0	10.4	1.0	8096.1	0.01	99.41
122.0-123.0	10.7	1.0	8097.1	0.01	99.42
123.0-124.0	11.1	1.0	8098.1	0.01	99.43
124.0-125.0	11.3	1.0	8099.1	0.01	99.45
125.0-126.0	11.6	1.0	8100.1	0.01	99.46
126.0-127.0	12.0	1.1	8101.2	0.01	99.47
127.0-128.0	12.3	1.1	8102.3	0.01	99.49
128.0-129.0	12.5	1.1	8103.3	0.01	99.50
129.0-130.0	12.9	1.1	8104.4	0.01	99.51
130.0-131.0	13.2	1.1	8105.5	0.01	99.53
131.0-132.0	13.4	1.1	8106.6	0.01	99.54
132.0-133.0	13.7	1.1	8107.7	0.01	99.55
133.0-134.0	14.0	1.1	8108.9	0.01	99.57
134.0-135.0	14.4	1.1	8110.0	0.01	99.58
135.0-136.0	14.7	1.1	8111.1	0.01	99.59
136.0-137.0	14.9	1.1	8112.2	0.01	99.61
137.0-138.0	15.2	1.1	8113.4	0.01	99.62
138.0-139.0	15.5	1.1	8114.5	0.01	99.64
139.0-140.0	15.8	1.1	8115.6	0.01	99.65
140.0-141.0	16.0	1.1	8116.7	0.01	99.66
141.0-142.0	16.3	1.1	8117.8	0.01	99.68
142.0-143.0	16.6	1.1	8118.9	0.01	99.69
143.0-144.0	16.9	1.1	8120.1	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	17.2	1.1	8121.1	0.01	99.72
145.0-146.0	17.4	1.1	8122.2	0.01	99.73
146.0-147.0	17.7	1.1	8123.3	0.01	99.74
147.0-148.0	18.0	1.1	8124.4	0.01	99.76
148.0-149.0	18.2	1.0	8125.4	0.01	99.77
149.0-150.0	18.5	1.0	8126.4	0.01	99.78
150.0-151.0	18.8	1.0	8127.4	0.01	99.79
151.0-152.0	19.1	1.0	8128.4	0.01	99.81
152.0-153.0	19.4	1.0	8129.4	0.01	99.82
153.0-154.0	19.6	1.0	8130.4	0.01	99.83
154.0-155.0	19.8	0.9	8131.3	0.01	99.84
155.0-156.0	20.1	0.9	8132.2	0.01	99.85
156.0-157.0	20.4	0.9	8133.1	0.01	99.86
157.0-158.0	20.6	0.9	8134.0	0.01	99.87
158.0-159.0	20.8	0.8	8134.8	0.01	99.88
159.0-160.0	21.0	0.8	8135.6	0.01	99.89
160.0-161.0	21.2	0.8	8136.4	0.01	99.90
161.0-162.0	21.4	0.7	8137.2	0.01	99.91
162.0-163.0	21.6	0.7	8137.9	0.01	99.92
163.0-164.0	21.9	0.7	8138.6	0.01	99.93
164.0-165.0	22.1	0.6	8139.2	0.01	99.94
165.0-166.0	22.2	0.6	8139.8	0.01	99.95
166.0-167.0	22.4	0.6	8140.4	0.01	99.95
167.0-168.0	22.7	0.5	8140.9	0.01	99.96
168.0-169.0	22.9	0.5	8141.4	0.01	99.97
169.0-170.0	23.0	0.5	8141.9	0.01	99.97
170.0-171.0	23.2	0.4	8142.3	0.01	99.98
171.0-172.0	23.3	0.4	8142.7	0.00	99.98
172.0-173.0	23.5	0.3	8143.0	0.00	99.99
173.0-174.0	23.7	0.3	8143.3	0.00	99.99
174.0-175.0	23.8	0.2	8143.6	0.00	99.99
175.0-176.0	23.8	0.2	8143.8	0.00	99.99
176.0-177.0	23.8	0.2	8143.9	0.00	100.00
177.0-178.0	24.0	0.1	8144.0	0.00	100.00
178.0-179.0	24.1	0.1	8144.1	0.00	100.00
179.0-180.0	24.2	0.0	8144.1	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	3336.0	3336.0	3336.0	3336.0	3336.0	3336.0	3336.0	3336.0	3336.0	3336.0
G1.0	3340.2	3338.6	3338.8	3338.8	3337.8	3337.6	3333.3	3332.3	3332.4	3334.3
G2.0	3339.9	3337.6	3338.9	3337.4	3334.0	3335.6	3333.2	3327.6	3323.5	3327.8
G3.0	3337.2	3333.0	3336.7	3333.4	3331.1	3330.9	3325.6	3326.6	3316.4	3321.5
G4.0	3331.4	3327.7	3331.5	3328.6	3325.6	3325.7	3320.2	3321.4	3308.0	3310.2
G5.0	3322.7	3321.4	3322.2	3325.9	3319.7	3317.3	3312.0	3306.9	3291.6	3299.3
G6.0	3314.8	3314.3	3313.7	3318.5	3311.6	3311.7	3298.9	3299.3	3279.2	3288.1
G7.0	3305.7	3303.7	3305.3	3305.3	3302.3	3299.0	3288.7	3286.7	3262.6	3275.6
G8.0	3294.9	3288.8	3295.2	3294.2	3288.3	3288.1	3278.8	3272.9	3244.3	3254.8
G9.0	3278.3	3277.4	3279.7	3282.0	3277.7	3272.0	3260.1	3254.1	3225.6	3239.1
G10.0	3261.7	3259.2	3267.1	3267.2	3265.2	3259.8	3242.2	3239.2	3202.8	3217.5
G11.0	3243.8	3243.0	3248.9	3252.7	3249.0	3241.6	3225.7	3218.9	3176.8	3194.4
G12.0	3223.1	3224.5	3234.0	3235.8	3232.5	3223.2	3203.8	3195.5	3151.4	3170.8
G13.0	3201.0	3201.9	3208.9	3216.6	3211.9	3202.7	3185.4	3170.1	3123.5	3143.0
G14.0	3175.2	3178.4	3186.4	3193.8	3189.7	3182.9	3157.6	3143.8	3093.4	3115.7
G15.0	3151.4	3155.4	3165.8	3171.9	3170.7	3155.4	3135.8	3118.6	3063.2	3090.1
G16.0	3124.0	3126.9	3142.4	3147.1	3144.3	3131.5	3106.2	3088.0	3031.6	3052.7
G17.0	3094.7	3098.3	3117.3	3122.3	3122.3	3106.0	3080.2	3054.6	2995.5	3020.4
G18.0	3064.4	3069.9	3087.6	3097.5	3095.3	3083.5	3049.9	3024.9	2962.8	2987.7
G19.0	3031.3	3040.4	3057.2	3067.2	3069.2	3051.6	3019.9	2992.9	2927.1	2949.3
G20.0	3001.6	3008.9	3024.1	3038.7	3039.4	3019.9	2984.3	2956.9	2886.9	2913.5
G21.0	2965.4	2970.8	2992.0	3008.6	3009.6	2994.4	2954.2	2920.8	2846.4	2874.3
G22.0	2927.0	2935.3	2960.4	2976.8	2977.0	2957.6	2918.6	2882.3	2807.0	2834.9
G23.0	2891.2	2896.7	2921.7	2941.5	2941.3	2926.2	2880.5	2843.6	2767.2	2794.7
G24.0	2852.2	2861.6	2887.0	2908.7	2905.5	2884.2	2842.3	2799.4	2724.1	2751.4
G25.0	2809.9	2820.0	2849.4	2873.8	2875.7	2849.0	2800.2	2760.7	2679.2	2709.6
G26.0	2767.4	2781.0	2806.4	2834.0	2839.6	2810.7	2761.5	2717.3	2631.5	2662.7
G27.0	2727.4	2736.9	2767.2	2795.9	2801.2	2771.5	2720.2	2672.7	2583.3	2617.8
G28.0	2681.4	2692.9	2728.3	2760.2	2761.7	2736.9	2678.3	2628.9	2537.8	2570.4
G29.0	2636.7	2648.3	2683.3	2718.2	2722.9	2691.3	2633.9	2577.8	2491.4	2523.9
G30.0	2590.2	2599.4	2643.2	2672.5	2682.9	2650.7	2592.1	2537.4	2439.5	2474.0
G31.0	2544.9	2556.5	2595.2	2634.0	2641.1	2610.4	2542.2	2488.2	2390.3	2428.1
G32.0	2495.8	2509.6	2552.8	2589.7	2599.3	2566.2	2497.5	2440.6	2341.9	2378.5
G33.0	2447.9	2461.5	2506.1	2546.8	2554.7	2519.6	2450.3	2392.0	2292.2	2326.1
G34.0	2399.9	2413.9	2457.1	2500.1	2509.0	2475.6	2404.5	2341.1	2238.7	2276.6
G35.0	2349.9	2364.9	2410.3	2455.5	2464.5	2428.5	2355.8	2292.5	2188.6	2226.6
G36.0	2299.0	2312.7	2361.2	2405.7	2415.8	2376.6	2306.8	2236.1	2134.4	2175.5

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 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	2248.4	2263.9	2312.8	2359.3	2372.0	2330.3	2256.1	2190.5	2085.5	2121.1
G38.0	2195.0	2213.5	2264.4	2314.5	2321.2	2285.0	2209.9	2140.0	2033.0	2073.2
G39.0	2144.0	2161.1	2213.6	2263.5	2274.3	2235.6	2156.6	2085.9	1982.5	2019.9
G40.0	2092.3	2108.3	2161.5	2212.8	2226.4	2184.4	2105.1	2034.8	1929.0	1968.2
G41.0	2041.8	2058.5	2114.0	2166.5	2179.7	2136.3	2058.3	1983.2	1878.6	1919.0
G42.0	1989.2	2005.5	2062.8	2113.4	2128.1	2087.0	2005.0	1931.4	1826.6	1862.6
G43.0	1935.9	1953.0	2009.2	2062.2	2078.1	2035.1	1952.4	1878.5	1775.2	1810.9
G44.0	1884.1	1903.5	1959.9	2011.4	2027.5	1986.2	1901.1	1827.7	1722.8	1761.6
G45.0	1834.3	1850.8	1907.2	1963.4	1975.9	1933.1	1852.0	1776.6	1674.4	1709.2
G46.0	1778.9	1798.2	1854.4	1909.4	1924.1	1881.3	1800.7	1725.4	1621.8	1658.7
G47.0	1728.9	1747.6	1802.7	1857.5	1875.4	1831.0	1748.1	1674.8	1571.8	1608.1
G48.0	1678.4	1694.7	1749.1	1805.7	1824.7	1778.0	1697.2	1623.1	1519.8	1557.0
G49.0	1625.6	1642.0	1698.2	1755.3	1770.2	1730.4	1647.9	1571.9	1471.0	1507.1
G50.0	1574.3	1593.7	1649.0	1702.8	1718.2	1677.9	1595.3	1524.0	1421.6	1456.0
G51.0	1526.3	1542.7	1595.6	1652.6	1665.7	1627.3	1544.9	1474.2	1371.1	1405.2
G52.0	1476.4	1490.3	1545.1	1600.8	1616.5	1574.7	1494.4	1422.1	1322.5	1356.4
G53.0	1423.8	1441.6	1495.9	1549.6	1566.1	1526.3	1446.1	1376.4	1276.3	1309.3
G54.0	1378.0	1388.0	1444.4	1499.6	1514.3	1471.1	1392.0	1326.0	1229.8	1261.1
G55.0	1326.7	1341.6	1391.6	1447.5	1463.3	1422.1	1344.8	1276.6	1178.9	1212.7
G56.0	1277.9	1291.2	1344.9	1397.0	1411.8	1373.4	1295.6	1229.5	1132.9	1164.3
G57.0	1230.5	1244.2	1296.5	1347.4	1361.8	1322.8	1248.0	1181.8	1085.7	1118.4
G58.0	1182.4	1194.2	1247.8	1298.6	1310.9	1273.1	1196.8	1135.0	1039.2	1071.8
G59.0	1135.2	1148.2	1196.6	1247.1	1261.1	1222.1	1151.4	1086.7	994.7	1026.7
G60.0	1090.2	1101.2	1149.3	1197.4	1212.1	1173.8	1102.7	1038.9	949.4	979.6
G61.0	1043.1	1054.6	1103.6	1150.4	1163.6	1124.0	1055.6	993.6	906.3	933.7
G62.0	997.3	1009.3	1054.2	1101.4	1113.4	1077.9	1009.4	950.2	863.1	889.2
G63.0	951.9	962.4	1008.7	1052.4	1064.2	1029.9	962.7	907.2	818.6	845.4
G64.0	908.6	919.6	959.8	1004.7	1016.0	982.2	919.0	861.6	775.2	800.7
G65.0	862.8	872.2	913.6	955.9	967.7	934.7	871.5	816.9	732.6	758.7
G66.0	821.7	829.9	869.8	908.3	922.2	888.6	826.9	774.0	688.2	717.2
G67.0	778.4	786.1	825.5	864.8	874.6	844.2	782.1	733.1	651.4	677.8
G68.0	736.3	743.9	779.5	816.8	826.9	796.2	739.4	686.8	611.9	635.1
G69.0	693.3	699.8	735.7	773.6	782.5	752.3	694.7	651.0	572.3	594.9
G70.0	653.3	660.8	690.7	727.8	736.9	709.2	654.9	610.6	533.9	554.6
G71.0	614.6	621.6	650.9	689.5	689.8	666.4	613.2	570.0	496.8	516.0
G72.0	575.5	580.4	609.0	641.7	649.8	624.0	572.9	530.9	458.2	478.0
G73.0	536.7	541.4	567.8	599.1	606.2	581.2	532.1	492.6	423.9	439.5

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 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	498.1	501.9	528.2	555.1	565.5	538.3	492.4	456.5	385.6	403.2
G75.0	461.1	464.5	487.5	514.4	521.8	498.3	453.7	418.3	350.0	367.0
G76.0	423.7	428.7	449.8	475.2	482.9	459.0	416.8	382.9	317.5	334.0
G77.0	389.0	392.6	412.8	436.5	442.5	421.4	378.9	343.8	284.0	298.9
G78.0	352.8	354.6	375.5	397.2	403.5	381.8	342.1	313.8	253.7	266.4
G79.0	321.1	322.8	341.0	357.8	364.8	342.8	308.1	279.5	222.3	234.5
G80.0	288.2	288.8	303.6	322.5	328.5	308.4	273.3	246.9	191.7	203.2
G81.0	254.6	255.8	268.0	287.1	292.5	271.8	239.3	215.4	162.5	171.2
G82.0	223.6	223.5	235.8	251.5	257.2	238.4	206.1	185.5	133.4	143.1
G83.0	193.7	192.2	204.2	217.6	223.8	203.0	174.4	156.3	106.6	113.7
G84.0	164.4	163.3	171.2	183.4	188.9	170.0	143.2	126.7	81.9	88.1
G85.0	136.7	134.8	142.2	151.0	156.9	137.8	113.9	98.7	60.7	65.0
G86.0	111.2	108.5	113.4	119.8	126.8	107.8	85.8	74.7	40.8	43.5
G87.0	85.5	83.0	85.3	89.5	94.3	77.4	60.8	52.5	22.4	24.9
G88.0	61.8	60.0	60.2	61.7	65.8	50.2	38.2	33.4	8.1	10.1
G89.0	42.1	39.2	38.8	37.0	39.0	25.0	18.4	14.8	2.6	3.1
G90.0	24.5	21.0	18.9	15.0	12.6	7.0	5.7	5.6	2.0	2.3
G91.0	8.8	7.3	7.3	4.0	4.3	4.2	3.6	3.0	1.7	2.1
G92.0	2.7	2.9	5.4	3.5	4.3	4.4	3.8	3.3	2.1	2.4
G93.0	2.6	2.7	5.5	4.0	4.4	4.5	3.9	3.5	2.4	2.5
G94.0	3.0	3.6	5.2	3.8	5.0	4.8	3.8	4.0	2.6	2.7
G95.0	2.9	3.6	5.5	4.0	4.9	5.0	3.9	4.3	2.6	3.6
G96.0	3.5	3.9	6.0	4.5	5.5	5.0	3.9	4.4	2.7	3.3
G97.0	3.9	3.8	6.2	4.9	5.8	5.2	4.4	4.7	2.9	3.2
G98.0	3.9	4.3	6.3	4.9	5.8	5.8	5.0	5.1	3.2	3.6
G99.0	4.2	4.2	6.7	5.0	5.8	6.0	4.9	5.1	3.2	3.8
G100.0	4.3	4.6	6.3	5.4	6.5	6.0	5.0	5.1	3.6	3.7
G101.0	4.0	4.9	7.1	5.7	6.2	6.3	5.6	5.8	3.6	3.9
G102.0	4.8	4.4	7.5	6.1	6.5	6.8	6.1	5.8	3.8	4.4
G103.0	5.0	5.1	7.6	6.2	7.3	6.5	6.3	6.3	3.9	4.2
G104.0	5.2	5.5	7.9	6.9	7.5	7.1	6.4	6.3	4.4	4.5
G105.0	5.2	5.7	8.2	7.0	7.6	7.3	6.9	6.5	3.8	4.8
G106.0	5.8	5.8	8.6	7.2	8.1	7.7	6.8	6.3	4.5	4.9
G107.0	5.7	6.2	8.5	7.0	8.4	7.9	6.8	7.1	5.2	5.4
G108.0	6.0	6.5	8.9	7.2	8.7	8.1	7.3	7.4	4.4	5.5
G109.0	6.4	6.4	8.8	8.0	9.0	7.9	7.3	7.7	5.2	5.8
G110.0	6.3	7.0	9.2	8.0	8.9	8.7	8.0	8.0	5.4	5.7

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

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

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	6.8	6.8	9.7	8.2	9.2	9.4	7.9	7.8	6.1	6.0
G112.0	6.8	7.5	10.1	8.7	10.1	9.3	8.6	8.4	5.8	6.5
G113.0	7.1	7.6	10.3	9.2	10.2	9.4	8.6	8.5	5.8	6.3
G114.0	7.5	7.7	10.8	8.9	10.4	9.8	8.8	8.5	6.4	6.7
G115.0	8.1	7.9	10.5	9.5	10.6	9.5	9.2	9.3	6.7	6.8
G116.0	8.1	8.7	10.5	10.1	10.8	10.6	9.2	9.5	7.0	7.3
G117.0	8.3	8.9	11.1	10.0	11.2	10.9	10.1	9.7	7.1	7.4
G118.0	8.8	9.3	11.8	10.4	11.5	11.2	10.5	10.1	7.5	7.9
G119.0	9.3	9.4	11.7	10.6	11.7	10.7	10.0	10.2	7.6	8.1
G120.0	8.9	9.8	12.2	10.7	11.7	11.9	11.2	10.5	8.1	8.2
G121.0	9.6	9.8	12.6	11.0	12.7	11.8	11.2	10.7	8.2	8.7
G122.0	10.1	9.4	12.6	11.4	13.0	12.4	11.4	11.0	8.6	8.9
G123.0	10.1	10.6	13.0	11.7	13.1	12.7	11.5	11.3	8.8	8.9
G124.0	11.2	10.8	13.7	12.3	13.1	12.4	11.6	11.8	9.4	9.5
G125.0	10.4	11.2	13.5	12.4	13.7	13.1	12.4	11.9	9.6	9.5
G126.0	11.5	11.3	14.3	12.6	14.0	13.2	12.5	12.4	9.8	10.0
G127.0	11.7	11.8	14.3	13.0	14.0	13.8	12.8	13.1	10.2	10.5
G128.0	11.3	12.4	14.5	13.3	14.4	13.8	13.4	12.6	10.5	11.1
G129.0	11.9	12.1	14.9	13.8	15.1	13.8	13.2	13.0	10.8	11.1
G130.0	12.4	13.1	15.5	13.7	15.5	14.8	13.8	13.7	10.7	11.1
G131.0	12.9	13.4	15.4	14.4	15.6	14.8	13.5	13.5	11.3	11.5
G132.0	13.1	13.3	16.1	14.2	16.1	14.9	13.9	14.0	11.5	12.0
G133.0	12.7	13.8	16.1	14.8	15.9	15.1	14.9	14.7	11.5	11.9
G134.0	13.7	14.0	16.8	15.3	16.4	15.8	14.4	14.7	12.0	11.9
G135.0	14.0	14.2	16.6	15.1	16.9	16.5	15.5	15.4	12.6	12.7
G136.0	13.7	14.2	17.2	15.5	17.3	16.3	15.6	15.1	12.6	12.9
G137.0	14.0	14.6	16.9	16.0	17.3	16.3	15.6	15.2	12.9	13.3
G138.0	14.8	15.4	17.6	16.2	17.0	16.4	15.8	15.9	13.2	13.3
G139.0	15.2	15.4	17.9	16.8	18.0	17.6	15.9	16.4	13.6	13.7
G140.0	15.3	16.0	18.0	16.7	18.4	17.6	16.5	16.1	13.8	14.2
G141.0	15.5	16.0	18.1	16.8	18.1	17.5	16.5	16.9	14.0	14.8
G142.0	15.7	16.4	18.3	17.8	18.4	17.5	17.1	16.7	14.9	14.8
G143.0	15.6	16.7	18.7	17.8	19.0	18.3	17.1	17.1	14.4	15.6
G144.0	16.6	17.2	19.1	17.5	19.0	18.2	17.6	17.6	15.5	15.6
G145.0	16.2	16.9	19.5	18.0	18.9	18.3	18.1	17.9	15.5	15.4
G146.0	17.2	17.4	19.5	18.3	19.3	18.8	17.9	18.0	14.9	16.1
G147.0	17.1	17.4	20.3	18.2	19.8	19.2	18.5	18.4	15.8	15.7

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	17.0	17.9	20.4	19.0	20.1	19.4	18.3	18.5	16.0	16.6
G149.0	17.4	18.2	20.0	19.3	20.3	19.4	18.9	19.1	15.9	16.6
G150.0	17.7	18.1	21.0	19.9	20.6	19.7	19.1	19.0	16.9	17.0
G151.0	18.1	18.5	21.0	19.3	20.9	20.3	19.5	19.0	17.1	17.4
G152.0	18.2	19.5	21.6	20.2	20.9	20.3	19.5	19.8	17.1	17.6
G153.0	18.8	19.7	21.9	20.4	21.8	20.8	19.5	20.1	17.4	18.1
G154.0	19.0	19.2	22.4	20.6	21.2	20.6	20.2	19.8	17.5	18.1
G155.0	19.1	19.7	21.9	20.6	21.4	21.3	20.4	20.4	18.3	18.6
G156.0	19.9	20.0	22.2	21.1	22.0	21.1	20.2	20.4	17.9	18.9
G157.0	20.0	20.1	22.4	21.5	21.9	21.6	21.4	20.5	18.4	19.1
G158.0	20.2	20.6	22.6	21.5	22.4	21.2	20.9	21.1	18.8	19.2
G159.0	20.2	20.4	22.9	21.7	22.6	21.6	21.2	21.1	18.9	19.8
G160.0	20.3	20.5	23.1	21.7	22.5	22.2	21.4	21.6	19.0	20.0
G161.0	20.3	21.0	22.6	22.3	23.0	22.4	21.4	21.7	19.7	20.4
G162.0	20.7	21.0	23.2	22.1	22.7	22.3	21.5	21.7	19.6	20.3
G163.0	20.7	21.3	24.0	22.2	23.3	22.2	21.9	22.6	20.0	20.7
G164.0	21.3	22.2	23.5	22.4	23.4	22.6	22.1	22.5	20.4	21.1
G165.0	21.4	21.6	24.3	22.5	23.2	23.0	21.9	22.5	20.3	21.0
G166.0	21.0	21.9	24.3	22.2	23.1	22.9	22.5	22.5	20.0	21.3
G167.0	21.9	21.6	24.0	23.2	23.6	23.8	22.7	22.6	20.8	21.3
G168.0	22.6	21.9	24.7	23.7	23.8	23.2	22.5	22.9	21.2	22.0
G169.0	21.8	22.2	25.1	23.6	24.0	23.6	22.8	23.0	21.5	22.4
G170.0	22.8	22.9	24.6	23.4	24.0	23.5	23.2	22.9	21.9	22.2
G171.0	22.4	22.7	24.9	23.8	24.2	23.8	22.9	23.6	21.5	22.3
G172.0	22.6	22.7	25.5	24.1	24.5	23.7	23.1	23.3	22.0	22.2
G173.0	23.1	23.1	25.6	24.2	24.5	23.9	23.5	23.9	22.7	22.5
G174.0	23.2	23.1	25.5	23.7	24.6	24.4	22.9	23.6	22.4	23.2
G175.0	23.7	23.6	25.7	23.7	24.0	24.3	24.0	24.0	23.1	23.2
G176.0	23.2	23.3	25.6	24.0	24.5	23.8	23.3	23.5	22.8	22.9
G177.0	22.8	23.2	25.7	23.8	24.8	24.1	23.2	23.6	23.2	22.7
G178.0	23.4	23.8	25.6	24.1	25.1	23.7	23.3	24.0	23.5	23.8
G179.0	23.3	23.6	25.9	24.0	24.5	24.3	23.3	24.0	22.9	23.8
G180.0	24.0	23.7	25.5	24.0	25.1	24.5	23.1	23.9	23.3	23.9

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 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	3336.0	3336.0	3336.0	3336.0	3336.0	3336.0	3336.0			
G1.0	3336.1	3338.8	3334.8	3339.7	3335.0	3333.5	3340.2			
G2.0	3332.4	3332.3	3335.9	3338.1	3333.5	3331.7	3339.9			
G3.0	3326.1	3329.2	3329.0	3331.5	3330.2	3330.9	3337.2			
G4.0	3317.2	3320.6	3322.6	3326.7	3327.8	3320.9	3331.4			
G5.0	3306.0	3312.9	3315.4	3320.5	3313.6	3310.8	3322.7			
G6.0	3293.1	3302.8	3306.8	3311.1	3306.1	3300.7	3314.8			
G7.0	3281.2	3292.0	3297.2	3299.2	3291.1	3288.6	3305.7			
G8.0	3263.8	3279.2	3284.5	3289.7	3283.7	3272.5	3294.9			
G9.0	3248.4	3263.2	3271.6	3276.0	3264.9	3260.4	3278.3			
G10.0	3227.6	3248.2	3256.5	3261.7	3251.5	3241.7	3261.7			
G11.0	3212.0	3229.0	3239.2	3240.2	3231.9	3225.3	3243.8			
G12.0	3188.3	3208.1	3220.1	3225.9	3211.9	3201.0	3223.1			
G13.0	3163.6	3189.6	3201.9	3206.6	3191.2	3177.5	3201.0			
G14.0	3139.3	3164.6	3178.7	3182.6	3166.5	3156.0	3175.2			
G15.0	3112.7	3139.0	3154.9	3156.8	3145.7	3126.2	3151.4			
G16.0	3085.0	3118.1	3133.7	3134.8	3117.6	3098.9	3124.0			
G17.0	3055.3	3087.6	3103.9	3109.1	3089.7	3069.9	3094.7			
G18.0	3021.2	3056.5	3080.0	3084.6	3060.6	3036.9	3064.4			
G19.0	2990.1	3030.2	3050.6	3053.2	3030.4	3001.9	3031.3			
G20.0	2955.4	2995.0	3021.2	3020.5	3000.2	2969.4	3001.6			
G21.0	2920.3	2965.9	2992.5	2991.2	2966.3	2934.3	2965.4			
G22.0	2885.8	2928.7	2957.1	2960.7	2928.2	2896.2	2927.0			
G23.0	2844.9	2895.6	2921.1	2922.0	2889.8	2857.2	2891.2			
G24.0	2805.3	2859.7	2889.7	2888.1	2853.7	2817.4	2852.2			
G25.0	2765.3	2821.5	2852.6	2851.8	2815.0	2776.7	2809.9			
G26.0	2722.7	2778.5	2812.6	2811.1	2776.0	2733.9	2767.4			
G27.0	2677.7	2739.9	2777.6	2775.5	2733.3	2692.2	2727.4			
G28.0	2638.0	2699.9	2736.6	2734.6	2691.1	2644.3	2681.4			
G29.0	2589.9	2657.0	2696.1	2692.1	2648.8	2601.5	2636.7			
G30.0	2545.3	2614.0	2653.9	2648.2	2601.5	2555.5	2590.2			
G31.0	2497.3	2570.8	2611.6	2606.2	2559.8	2504.3	2544.9			
G32.0	2448.4	2523.2	2566.0	2558.7	2511.4	2455.6	2495.8			
G33.0	2403.7	2476.9	2521.5	2514.1	2465.5	2408.3	2447.9			
G34.0	2353.3	2429.1	2477.3	2473.3	2419.7	2358.4	2399.9			
G35.0	2304.4	2383.4	2431.4	2423.0	2369.2	2309.7	2349.9			
G36.0	2251.3	2334.9	2383.0	2377.3	2320.2	2260.5	2299.0			

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 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	2205.4	2289.7	2337.6	2328.2	2269.3	2208.0	2248.4			
G38.0	2156.4	2240.2	2289.7	2281.1	2221.8	2158.8	2195.0			
G39.0	2101.4	2188.3	2240.8	2231.8	2171.4	2104.2	2144.0			
G40.0	2049.6	2138.7	2190.5	2179.5	2118.1	2052.3	2092.3			
G41.0	1998.4	2086.5	2142.3	2129.4	2067.4	2001.1	2041.8			
G42.0	1945.8	2036.2	2088.5	2078.3	2015.7	1947.7	1989.2			
G43.0	1897.9	1985.9	2039.2	2027.1	1964.2	1896.1	1935.9			
G44.0	1845.0	1932.7	1987.4	1977.5	1912.1	1844.1	1884.1			
G45.0	1791.4	1883.4	1935.4	1924.7	1861.2	1791.3	1834.3			
G46.0	1740.5	1829.9	1882.4	1876.0	1810.2	1738.9	1778.9			
G47.0	1691.5	1781.0	1834.9	1823.8	1757.1	1687.8	1728.9			
G48.0	1639.1	1728.4	1780.1	1772.1	1704.8	1638.7	1678.4			
G49.0	1585.9	1674.1	1728.4	1717.5	1653.8	1584.3	1625.6			
G50.0	1538.3	1626.0	1679.3	1667.5	1602.2	1535.0	1574.3			
G51.0	1486.5	1572.8	1627.2	1615.5	1550.4	1485.5	1526.3			
G52.0	1436.7	1521.3	1573.6	1563.6	1500.2	1435.6	1476.4			
G53.0	1384.8	1470.4	1523.8	1511.9	1447.7	1382.1	1423.8			
G54.0	1338.1	1420.2	1472.3	1460.8	1397.3	1336.5	1378.0			
G55.0	1288.4	1370.5	1418.6	1410.1	1347.2	1288.1	1326.7			
G56.0	1236.3	1317.6	1367.6	1359.2	1300.4	1239.2	1277.9			
G57.0	1192.3	1269.1	1319.2	1308.7	1248.4	1191.6	1230.5			
G58.0	1140.0	1220.0	1267.2	1259.7	1200.6	1141.8	1182.4			
G59.0	1092.6	1167.7	1216.3	1206.2	1152.6	1095.4	1135.2			
G60.0	1047.7	1123.6	1166.8	1159.2	1104.0	1050.7	1090.2			
G61.0	1001.6	1072.4	1117.1	1107.8	1054.7	1002.2	1043.1			
G62.0	954.1	1024.2	1067.8	1060.5	1008.5	956.2	997.3			
G63.0	909.2	976.9	1020.7	1012.0	962.1	913.0	951.9			
G64.0	863.5	930.3	972.0	964.0	915.5	868.7	908.6			
G65.0	817.1	883.2	924.0	916.2	869.2	823.3	862.8			
G66.0	774.2	837.6	875.0	870.9	824.9	782.4	821.7			
G67.0	730.2	791.9	830.5	824.1	779.2	738.2	778.4			
G68.0	690.2	745.4	783.2	776.7	736.3	693.7	736.3			
G69.0	644.3	700.4	737.4	731.8	689.4	653.9	693.3			
G70.0	605.3	660.8	689.9	689.9	650.7	615.9	653.3			
G71.0	561.5	615.9	650.6	644.7	606.9	573.9	614.6			
G72.0	521.7	572.5	606.6	600.6	567.5	533.8	575.5			
G73.0	483.5	532.9	564.8	559.9	526.0	496.7	536.7			

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

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

Candlepower Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	444.6	491.9	522.5	518.3	486.6	459.4	498.1			
G75.0	406.4	451.9	481.0	477.3	447.9	421.7	461.1			
G76.0	369.9	413.6	441.8	438.2	410.4	385.6	423.7			
G77.0	333.9	373.9	401.8	398.7	372.6	349.5	389.0			
G78.0	298.4	338.4	362.7	359.3	341.8	315.7	352.8			
G79.0	263.8	299.9	326.3	325.1	302.4	282.0	321.1			
G80.0	230.6	264.1	289.7	288.4	267.7	249.8	288.2			
G81.0	198.2	228.5	254.0	250.6	234.5	218.4	254.6			
G82.0	166.4	196.7	219.7	217.8	200.5	186.6	223.6			
G83.0	136.8	163.3	187.2	184.0	170.0	158.2	193.7			
G84.0	107.5	132.0	155.0	150.9	137.8	130.0	164.4			
G85.0	80.0	101.1	122.6	118.6	108.7	102.7	136.7			
G86.0	55.7	72.1	92.2	88.5	81.3	77.2	111.2			
G87.0	33.6	44.5	63.1	59.3	55.3	54.5	85.5			
G88.0	15.4	21.7	34.5	33.1	34.1	34.2	61.8			
G89.0	5.4	6.1	8.9	14.2	15.5	16.1	42.1			
G90.0	4.2	2.5	2.9	3.1	3.8	5.2	24.5			
G91.0	4.4	2.9	3.1	3.0	2.4	2.6	8.8			
G92.0	4.8	3.0	3.3	3.0	2.9	2.9	2.7			
G93.0	5.0	3.2	3.7	3.5	2.7	3.0	2.6			
G94.0	5.1	3.2	3.8	3.8	2.9	3.0	3.0			
G95.0	4.6	2.6	3.9	3.6	3.0	3.1	2.9			
G96.0	5.4	3.7	4.4	3.8	3.3	3.7	3.5			
G97.0	5.2	3.8	4.8	3.8	3.2	3.7	3.9			
G98.0	5.5	4.0	4.8	4.4	3.5	3.9	3.9			
G99.0	5.7	4.2	4.9	4.2	3.7	4.3	4.2			
G100.0	6.2	4.5	5.2	4.6	3.9	3.8	4.3			
G101.0	6.1	4.9	5.5	4.6	4.0	4.4	4.0			
G102.0	6.4	4.4	5.2	4.8	4.4	4.3	4.8			
G103.0	6.3	5.0	5.4	5.8	4.3	4.6	5.0			
G104.0	6.7	5.4	6.1	5.1	4.8	4.7	5.2			
G105.0	7.0	5.6	5.8	5.8	4.9	5.1	5.2			
G106.0	7.1	5.8	6.5	6.3	5.2	5.6	5.8			
G107.0	7.5	5.8	6.9	6.1	5.7	5.6	5.7			
G108.0	7.4	5.8	7.1	6.4	5.5	6.0	6.0			
G109.0	8.0	6.6	7.3	6.8	5.6	6.0	6.4			
G110.0	7.6	6.8	7.4	6.9	6.4	5.9	6.3			

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 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	8.5	7.4	8.0	7.6	6.8	6.0	6.8			
G112.0	8.6	7.4	8.3	7.4	6.1	6.8	6.8			
G113.0	8.8	7.4	8.1	8.1	6.7	7.2	7.1			
G114.0	9.1	8.1	8.4	8.1	7.4	7.0	7.5			
G115.0	9.4	8.2	8.3	8.7	7.3	7.4	8.1			
G116.0	9.3	8.1	9.0	8.3	7.4	7.6	8.1			
G117.0	9.8	8.1	9.8	8.7	7.9	8.0	8.3			
G118.0	10.1	8.6	10.0	9.3	8.1	8.4	8.8			
G119.0	10.4	8.5	10.1	9.3	8.1	8.4	9.3			
G120.0	10.8	9.1	10.1	9.8	8.7	8.8	8.9			
G121.0	11.2	9.9	10.6	9.4	9.0	8.4	9.6			
G122.0	11.0	9.7	10.9	9.9	9.0	9.4	10.1			
G123.0	11.0	10.4	11.4	10.6	9.4	9.3	10.1			
G124.0	11.8	10.6	11.8	10.9	9.6	9.7	11.2			
G125.0	12.0	10.7	11.8	11.1	10.1	9.5	10.4			
G126.0	12.5	11.3	12.1	11.3	9.9	9.9	11.5			
G127.0	12.5	11.6	12.4	11.4	10.8	10.5	11.7			
G128.0	12.8	11.2	12.7	11.8	11.2	10.9	11.3			
G129.0	13.5	12.0	13.3	12.1	11.2	11.2	11.9			
G130.0	13.3	12.6	13.3	12.4	11.6	11.3	12.4			
G131.0	14.1	12.6	13.9	12.5	11.8	12.0	12.9			
G132.0	14.1	12.8	13.6	13.1	12.2	12.1	13.1			
G133.0	14.1	13.5	14.3	13.3	11.9	12.6	12.7			
G134.0	15.1	13.2	14.3	13.6	13.1	12.8	13.7			
G135.0	14.9	13.5	15.1	13.6	13.0	13.0	14.0			
G136.0	15.3	14.5	14.8	14.3	14.0	13.3	13.7			
G137.0	15.5	14.2	15.8	14.5	13.4	13.9	14.0			
G138.0	16.1	15.0	15.9	15.0	14.4	14.2	14.8			
G139.0	16.4	14.4	15.9	15.5	14.0	14.4	15.2			
G140.0	16.6	15.4	15.9	15.7	14.9	13.8	15.3			
G141.0	16.8	15.4	16.9	15.4	14.9	14.6	15.5			
G142.0	17.2	15.6	17.0	15.7	15.0	15.1	15.7			
G143.0	17.5	15.8	17.0	16.7	15.3	15.1	15.6			
G144.0	17.5	16.8	17.6	16.8	15.8	15.8	16.6			
G145.0	18.2	16.9	18.0	17.0	15.9	16.3	16.2			
G146.0	18.2	17.0	18.2	17.0	16.3	15.9	17.2			
G147.0	18.7	17.5	18.6	17.5	16.3	16.4	17.1			

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

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

Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	18.6	17.3	18.9	18.3	16.9	16.6	17.0			
G149.0	18.9	17.8	18.4	18.1	16.6	17.1	17.4			
G150.0	18.9	18.0	19.2	18.6	17.7	17.3	17.7			
G151.0	19.7	18.8	19.3	18.6	17.7	17.2	18.1			
G152.0	20.1	19.0	19.9	18.7	17.9	17.8	18.2			
G153.0	19.9	19.1	19.8	19.4	18.2	17.8	18.8			
G154.0	20.4	19.7	20.1	19.7	18.4	18.9	19.0			
G155.0	20.5	19.6	20.1	19.5	18.5	18.9	19.1			
G156.0	21.4	19.6	20.8	20.5	19.5	19.1	19.9			
G157.0	21.0	19.8	21.1	20.3	19.6	19.0	20.0			
G158.0	21.9	20.0	21.4	20.7	19.6	20.0	20.2			
G159.0	22.3	20.3	21.4	21.1	19.7	19.7	20.2			
G160.0	22.2	20.7	21.1	21.1	19.7	20.4	20.3			
G161.0	22.5	20.9	22.4	21.4	20.1	20.2	20.3			
G162.0	22.7	20.9	22.3	21.7	20.4	20.2	20.7			
G163.0	23.0	21.3	22.1	22.0	20.6	20.9	20.7			
G164.0	23.2	21.8	22.6	22.4	20.6	21.1	21.3			
G165.0	23.6	22.1	22.6	21.9	21.3	21.4	21.4			
G166.0	23.6	22.1	22.8	22.4	21.4	21.1	21.0			
G167.0	23.6	22.5	22.7	23.1	21.4	22.2	21.9			
G168.0	24.1	22.2	23.3	22.4	21.6	22.2	22.6			
G169.0	24.3	22.5	23.0	23.2	22.0	22.2	21.8			
G170.0	24.0	22.5	23.4	23.7	22.1	22.7	22.8			
G171.0	24.6	22.4	23.8	23.1	22.6	22.5	22.4			
G172.0	24.6	22.7	24.0	23.8	22.6	22.7	22.6			
G173.0	25.1	23.0	24.2	23.7	22.8	22.9	23.1			
G174.0	24.9	23.2	24.2	23.3	23.2	22.8	23.2			
G175.0	25.3	23.7	24.5	23.9	22.7	22.9	23.7			
G176.0	25.1	23.1	24.5	24.2	23.4	23.5	23.2			
G177.0	25.4	24.0	24.2	23.9	23.4	23.6	22.8			
G178.0	25.7	23.7	24.4	24.4	23.2	23.6	23.4			
G179.0	25.6	24.4	25.2	24.1	23.1	23.6	23.3			
G180.0	25.5	24.1	25.0	24.4	23.4	23.9	24.0			

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: