

Report No.:

Test Time: 2023/12/1 星期五 13:59

## Luminaire Property

Luminaire Manufacturer:

Voltage: 120.1 V

Power: 97.54 W

Current: 0.816 A

Power Factor: 0.995

## Photometric Results

IES Classification: Type IV

Total Rated Lamp Lumens: 13752.6 lm

Efficiency: 100%

Upward Ratio: 6%

Central Intensity: 3013.59 cd

Pos of Max. Intensity: H90 V40

Longitudinal Classification: Very Short

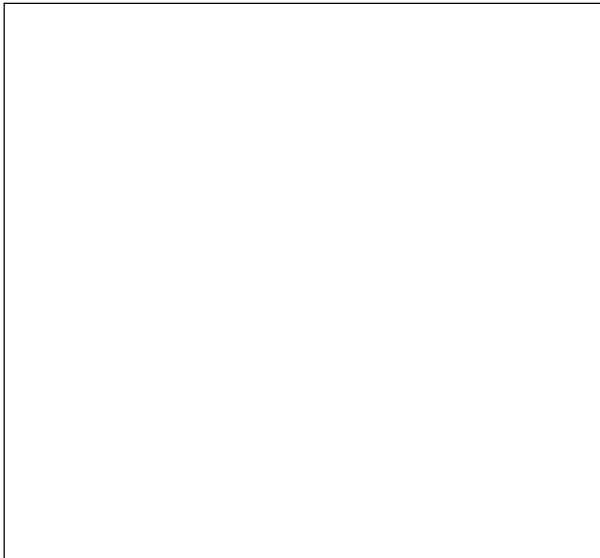
Measurement Flux: 13752.6 lm

Downward Ratio: 94%

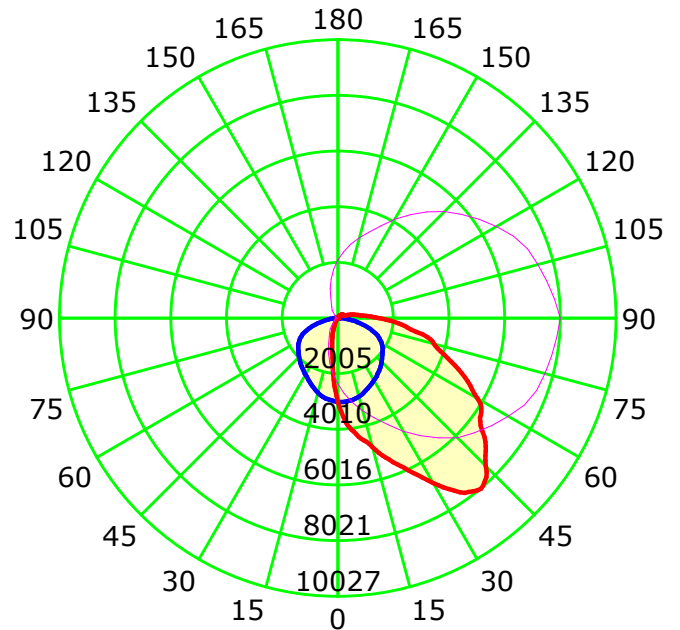
Luminaire Efficacy Rating (LER): 141.04

Max. Intensity: 8021.73 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 103.8°

— C0-C180 — C90-C270 — G40

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

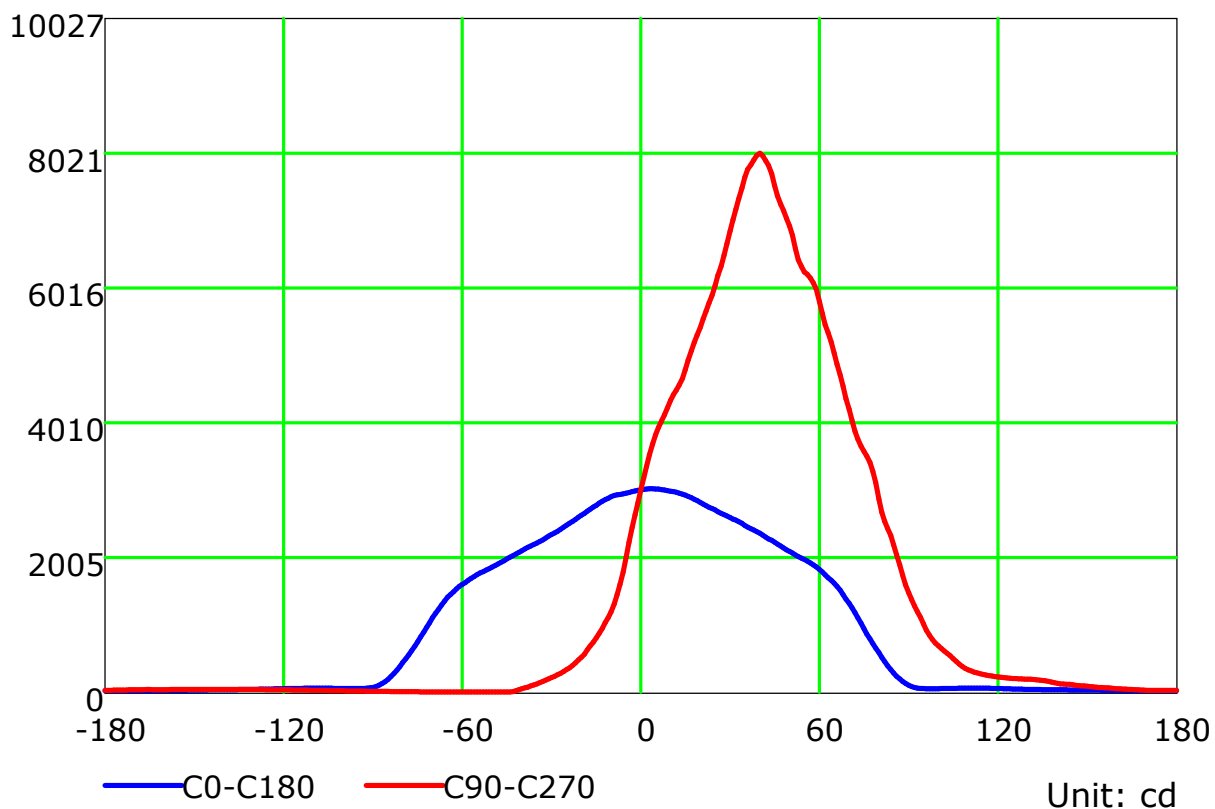
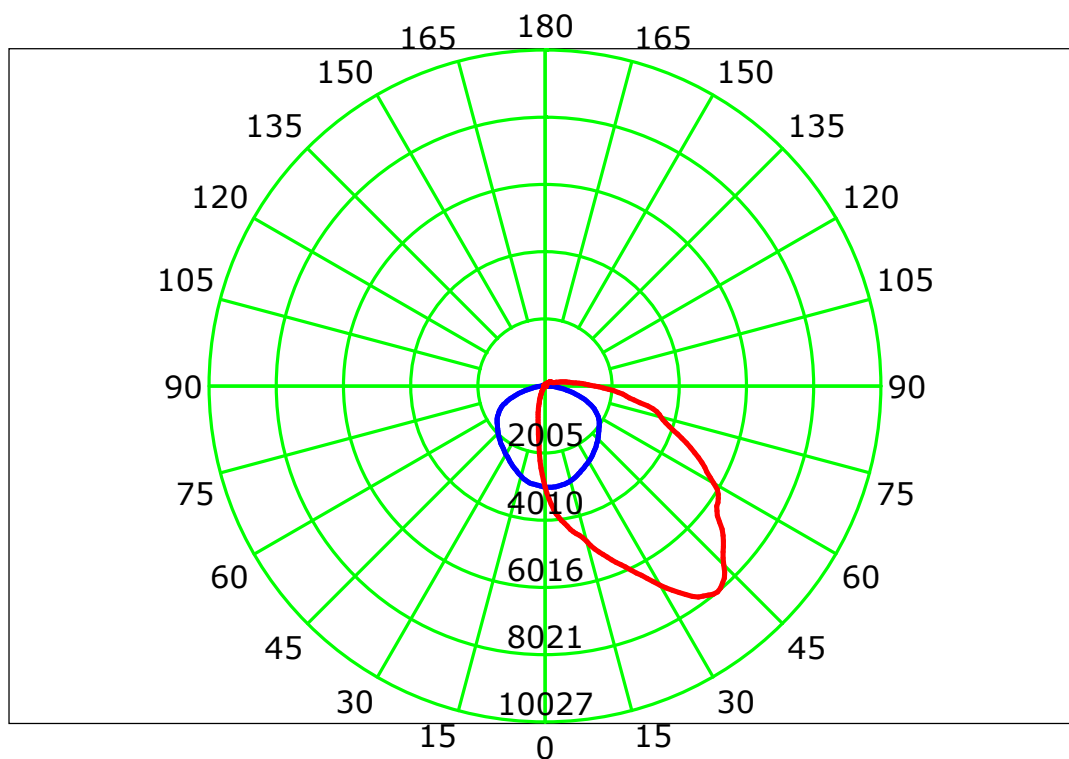
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

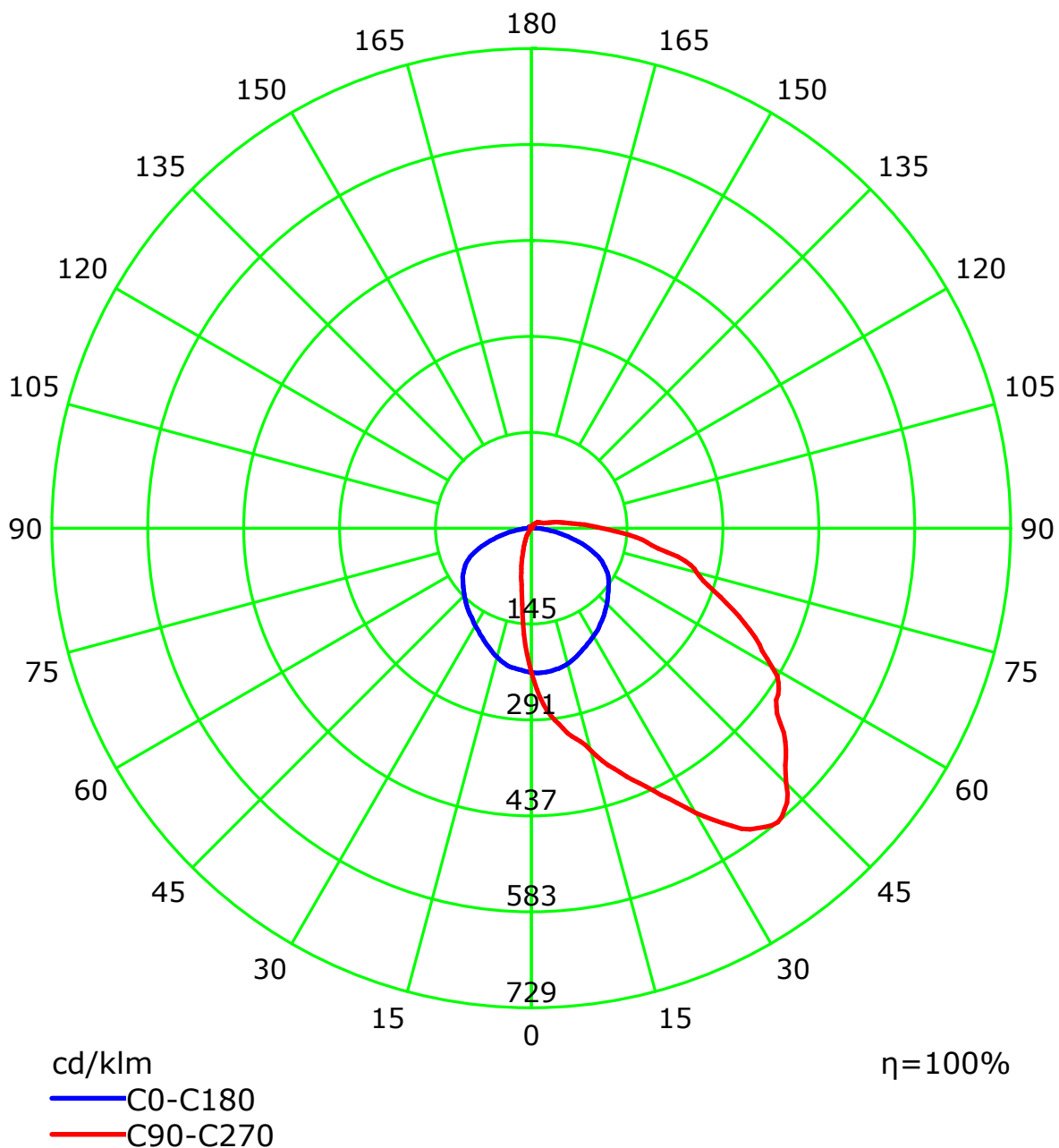
## Luminous Intensity Distribution Curve



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)



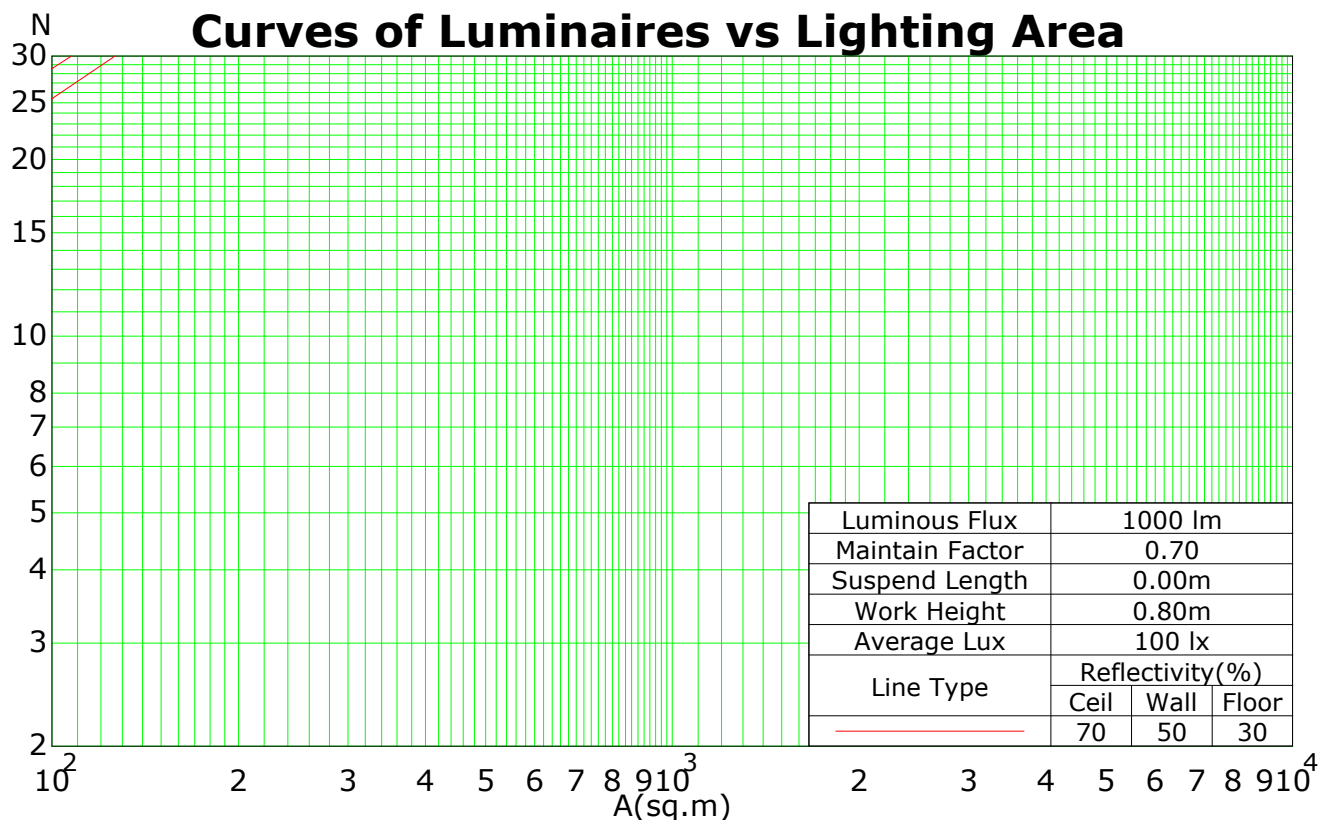
C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	105	99	93	89	101	96	91	87	90	86	83	85	82	79	80	78	75	73
2	94	84	76	69	90	82	74	68	77	71	65	73	67	63	69	64	61	58
3	84	73	63	56	81	70	62	55	66	59	53	63	57	51	59	54	50	47
4	77	63	54	46	74	62	52	45	58	50	44	55	48	43	52	46	41	39
5	70	56	46	39	67	54	45	38	51	43	37	49	42	36	46	40	35	33
6	64	50	40	33	62	49	39	33	46	38	32	44	37	31	41	35	30	28
7	59	45	35	29	57	44	35	28	41	34	28	39	32	27	38	31	26	24
8	55	41	31	25	53	40	31	25	38	30	24	36	29	24	34	28	23	21
9	51	37	28	22	49	36	28	22	34	27	22	33	26	21	31	25	21	19
10	48	34	26	20	46	33	25	20	32	24	19	30	24	19	29	23	19	17

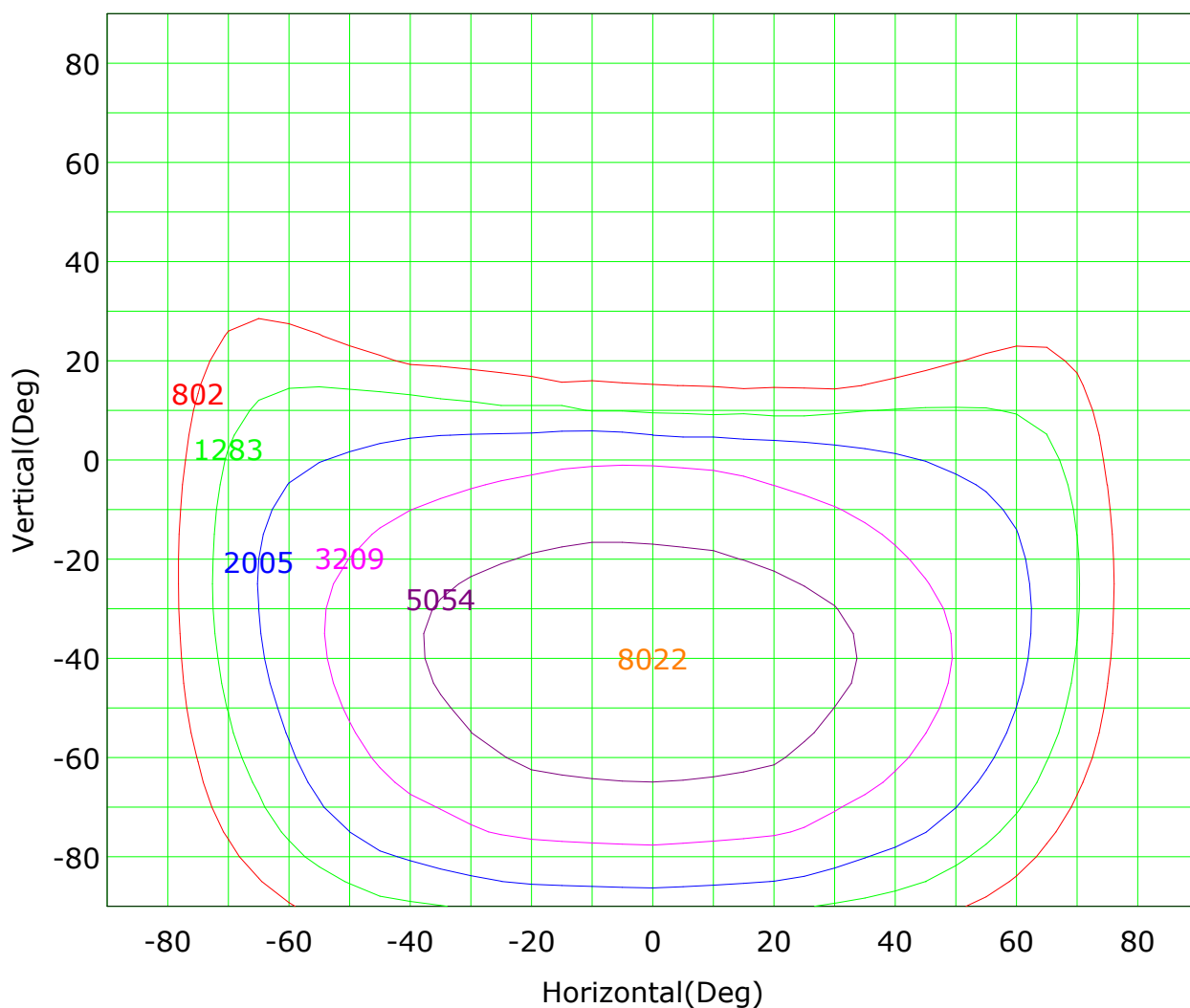
Spacing Criteria (0-180): 1.23  
Spacing Criteria (90-270): 1.88  
Spacing Criteria (Diagonal): 1.67



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%): 8022 cd

( 10%): 802 cd	( 16%): 1283 cd
( 25%): 2005 cd	( 40%): 3209 cd
( 63%): 5054 cd	(100%): 8022 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

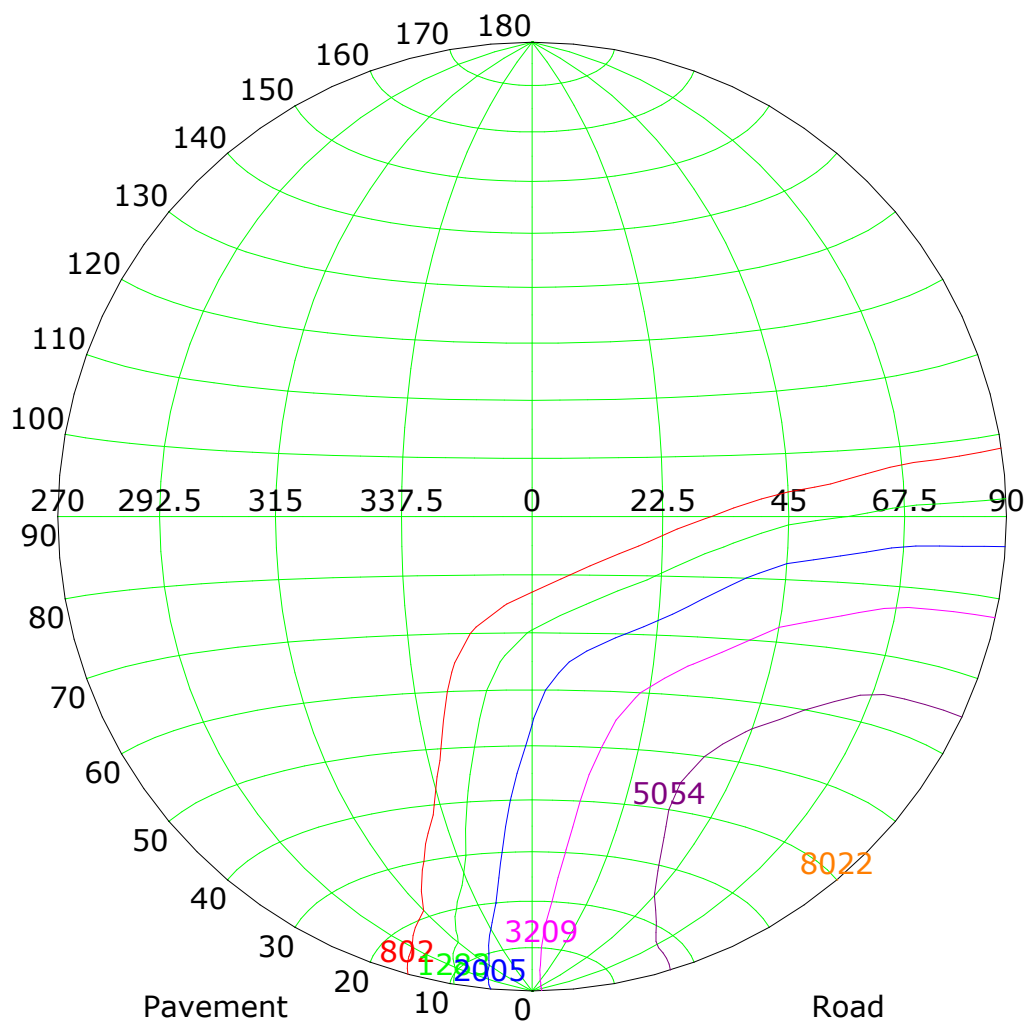
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

## Isocandela (sphere)



Imax (100%): 8022 cd

( 10%): 802 cd	( 16%): 1283 cd
( 25%): 2005 cd	( 40%): 3209 cd
( 63%): 5054 cd	(100%): 8022 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

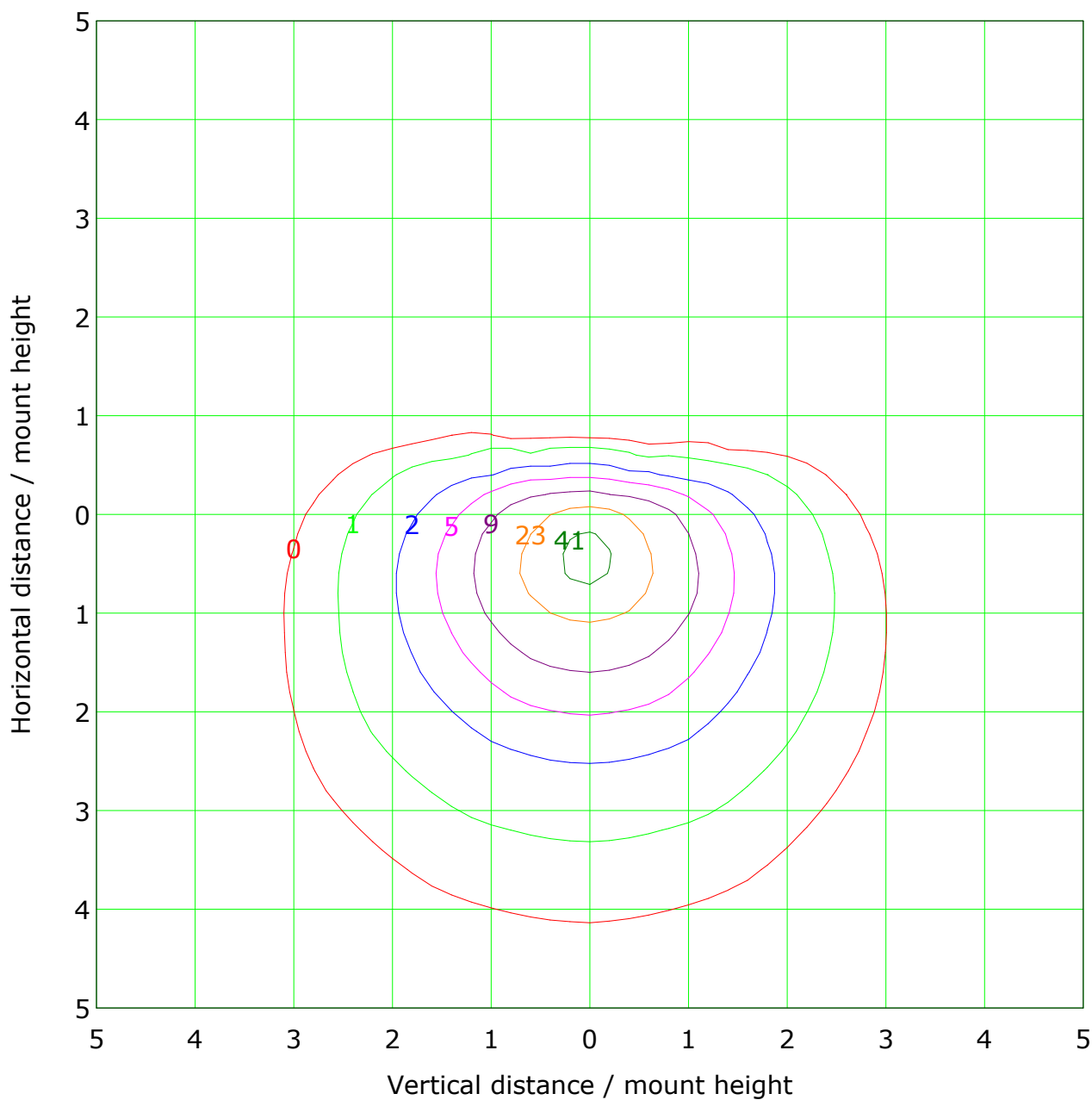
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

## IsoLux Plot



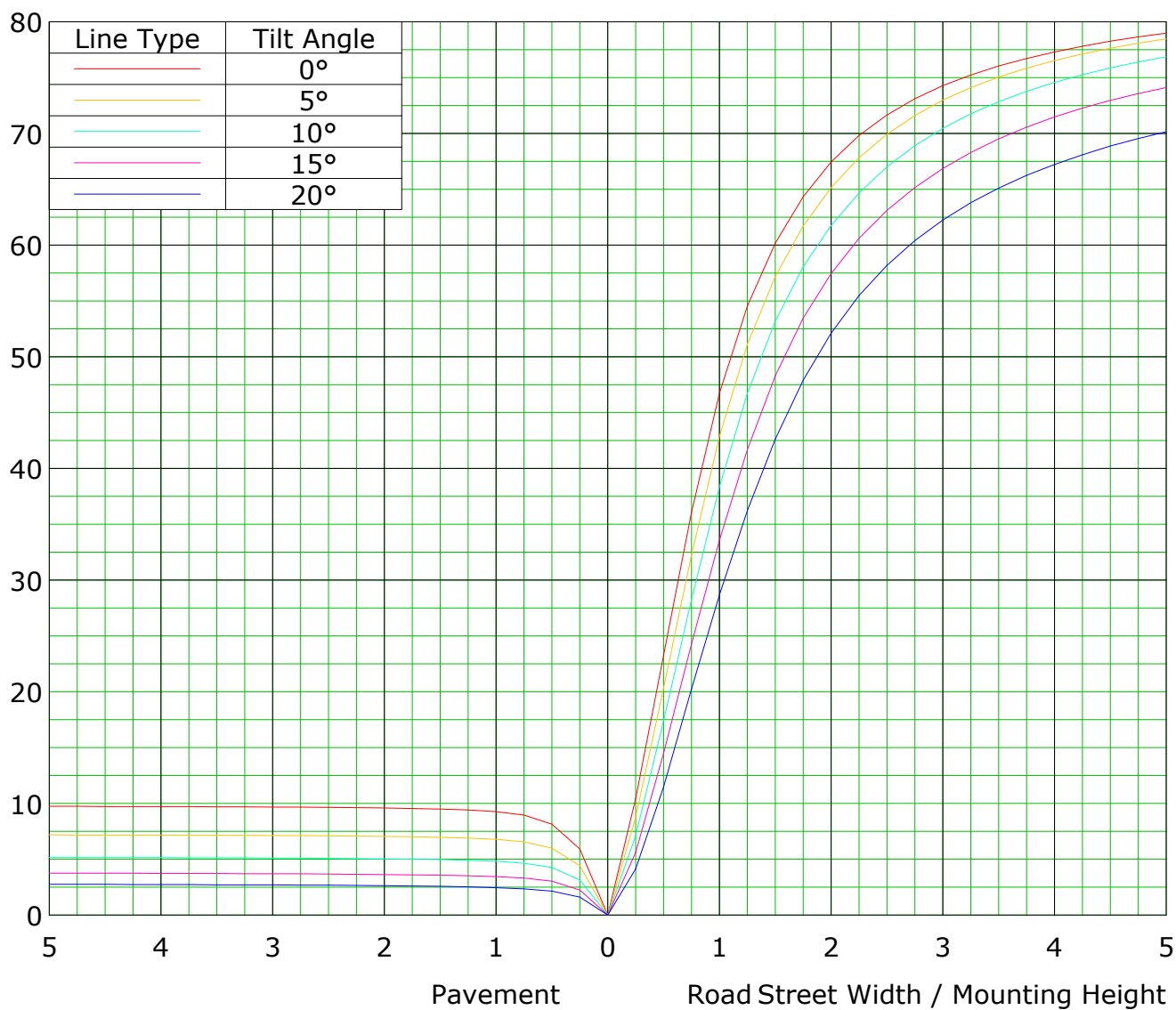
Mounting Height: 10.0m    Max Lux(100%): 45.3 lx	
( 1%): 0.5 lx	( 2%): 0.9 lx
( 5%): 2.3 lx	( 10%): 4.5 lx
( 20%): 9.1 lx	( 50%): 22.6 lx
( 90%): 40.7 lx	(100%): 45.3 lx

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

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

## Roadway CU Curve

Efficiency(%)



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:

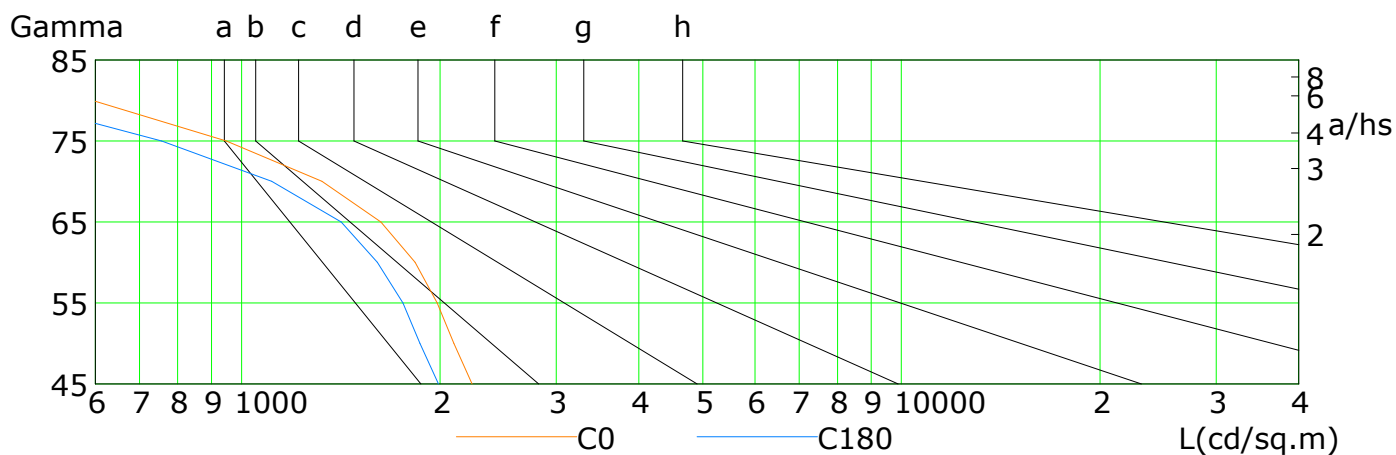
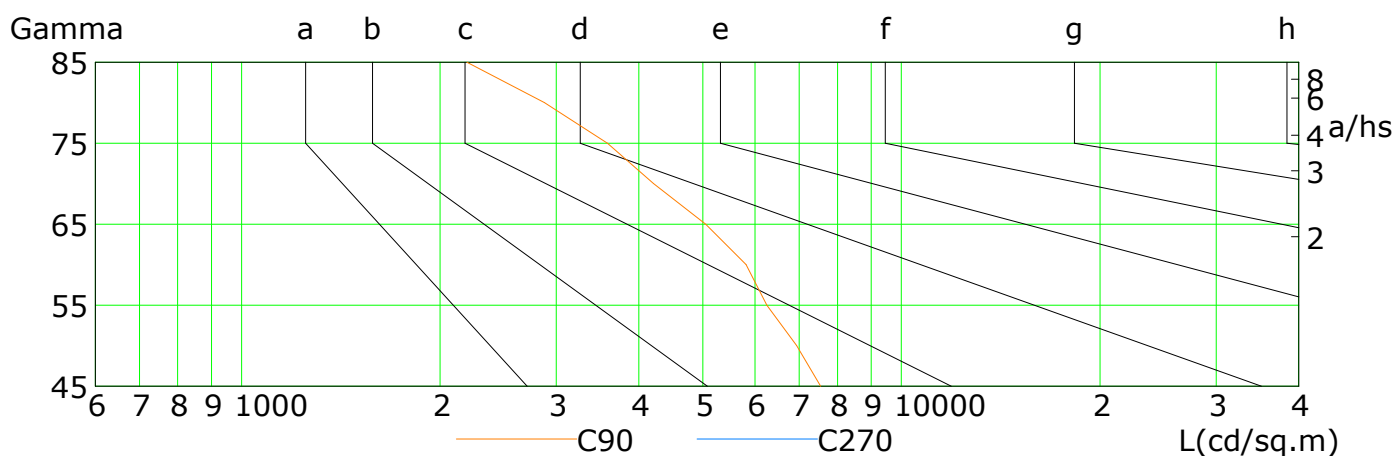
Inspector:



## 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

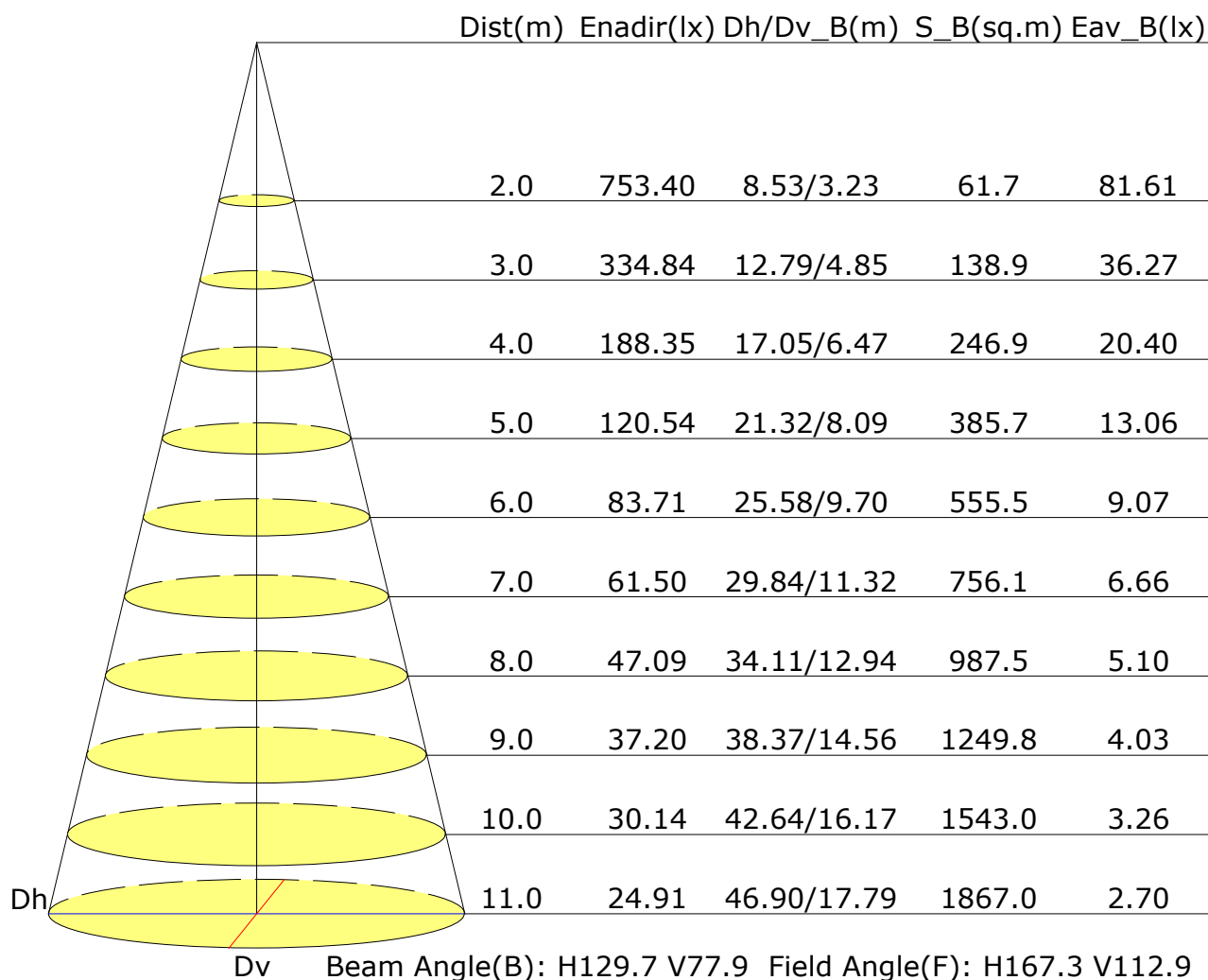


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	2236	2098	1978	1833	1626	1324	948	594	288
C90	7542	6939	6255	5818	5050	4213	3587	2877	2196
C180	1987	1863	1756	1606	1416	1110	757	444	194
C270	5	6	6	6	6	7	10	12	15

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:

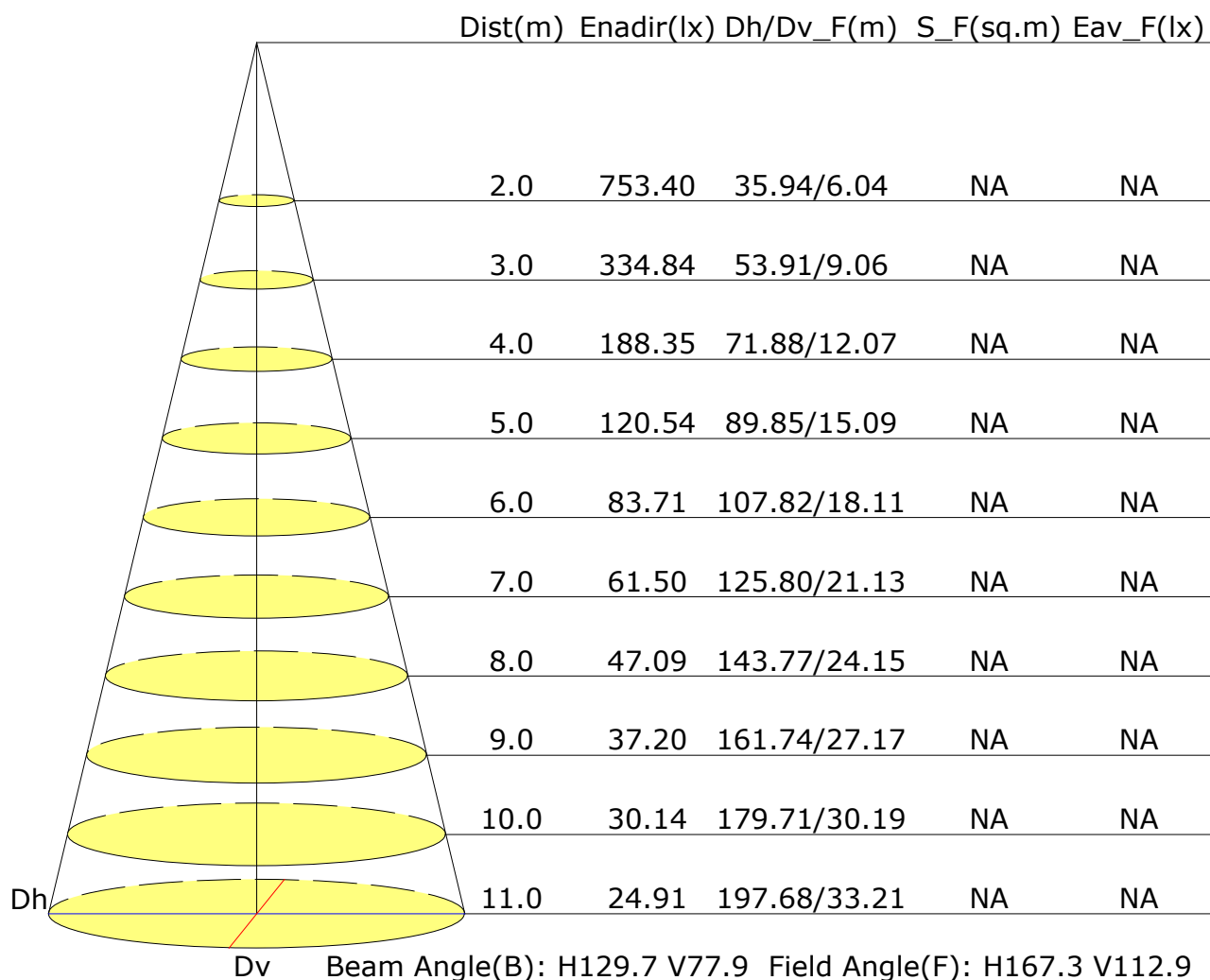
## Illuminance at a Distance(Beam Angle)



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:

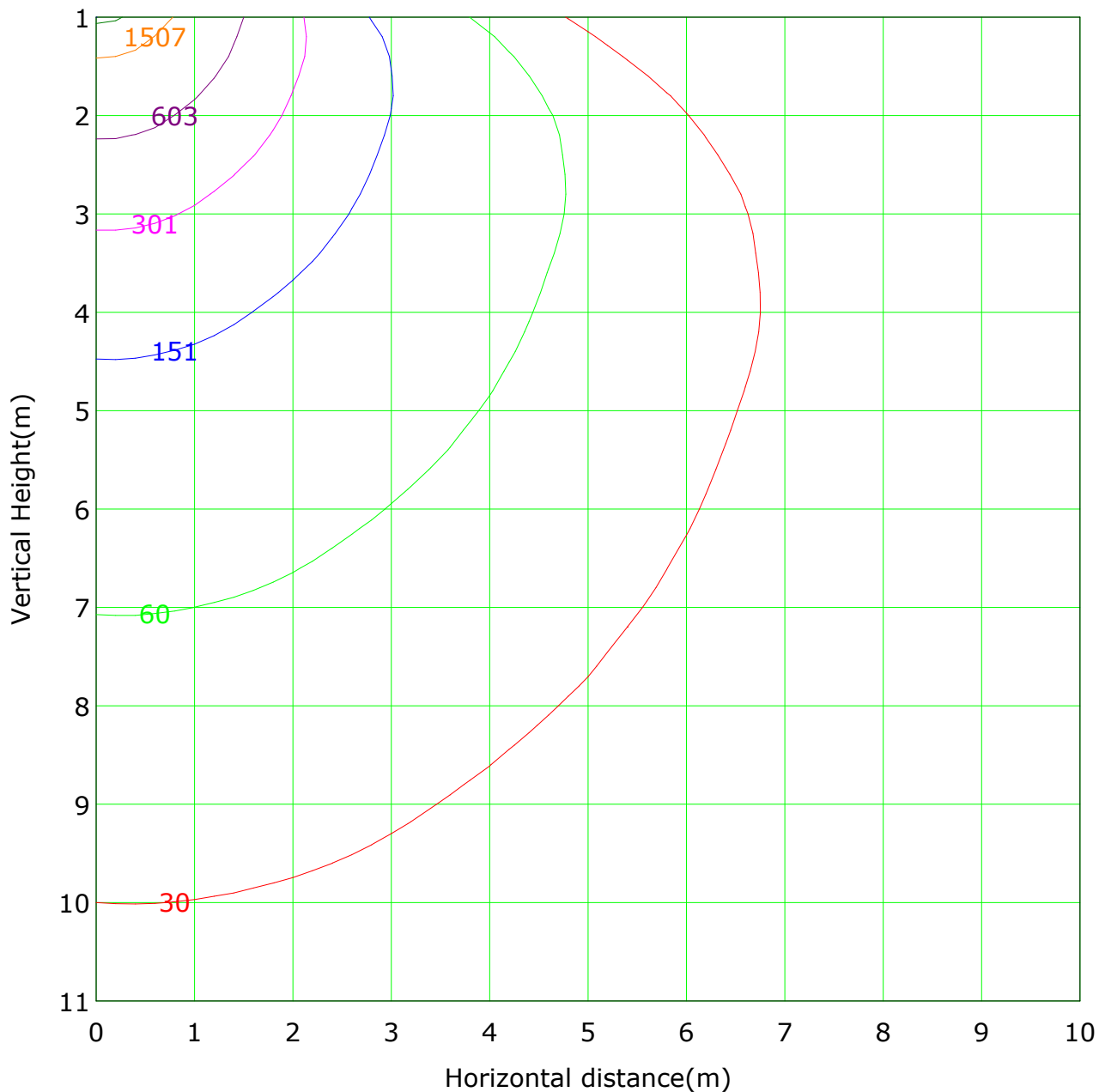
## Illuminance at a Distance(Field Angle)



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: 3013.6 lx

— ( 1%): 30.1 lx	— ( 2%): 60.3 lx
— ( 5%): 150.7 lx	— ( 10%): 301.4 lx
— ( 20%): 602.7 lx	— ( 50%): 1506.8 lx
— ( 90%): 2712.2 lx	— (100%): 3013.6 lx

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

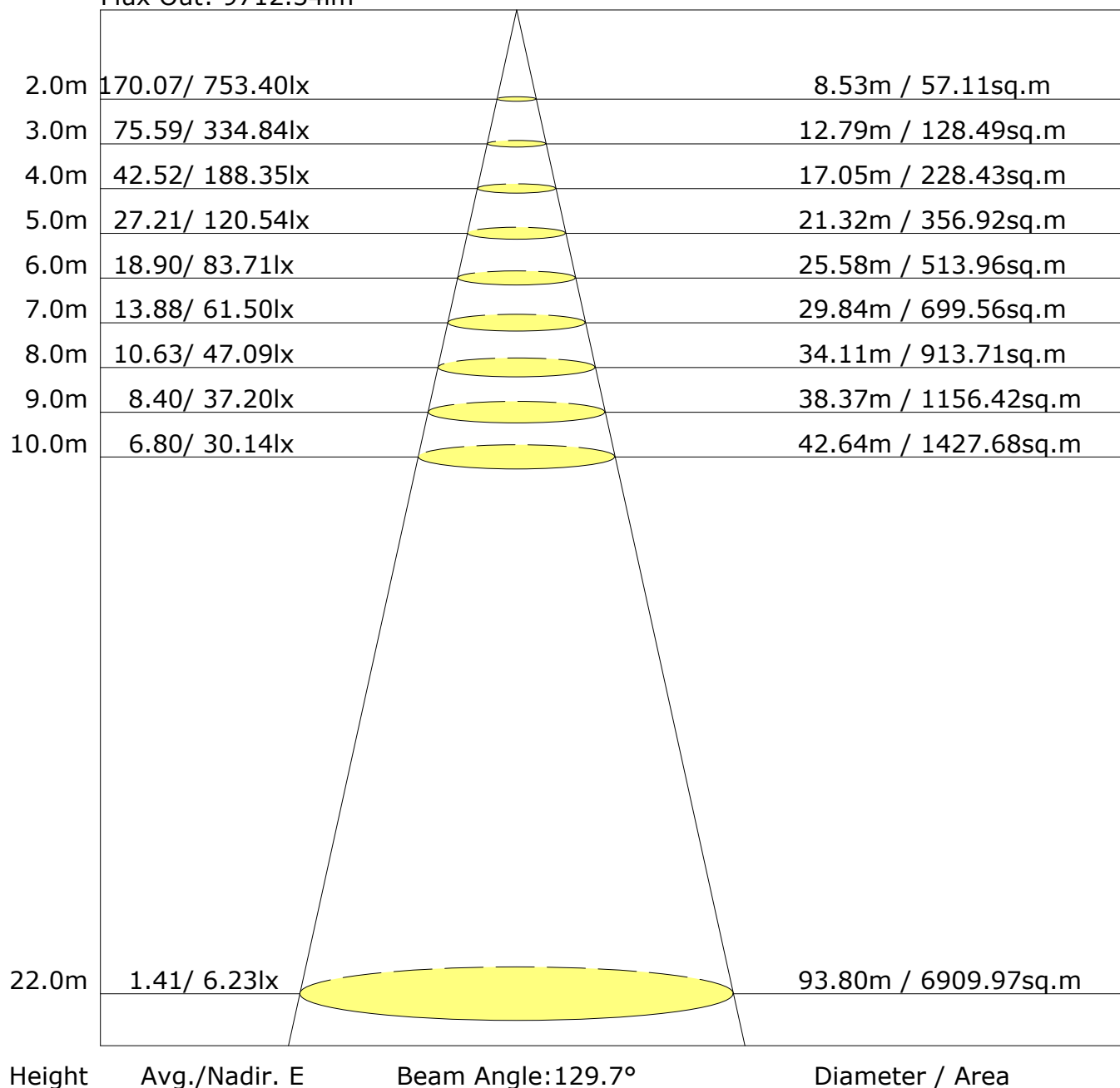
Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 8.190 m  
Humidity:  
Inspector:

## Unit: 1m

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: 9712.34lm



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

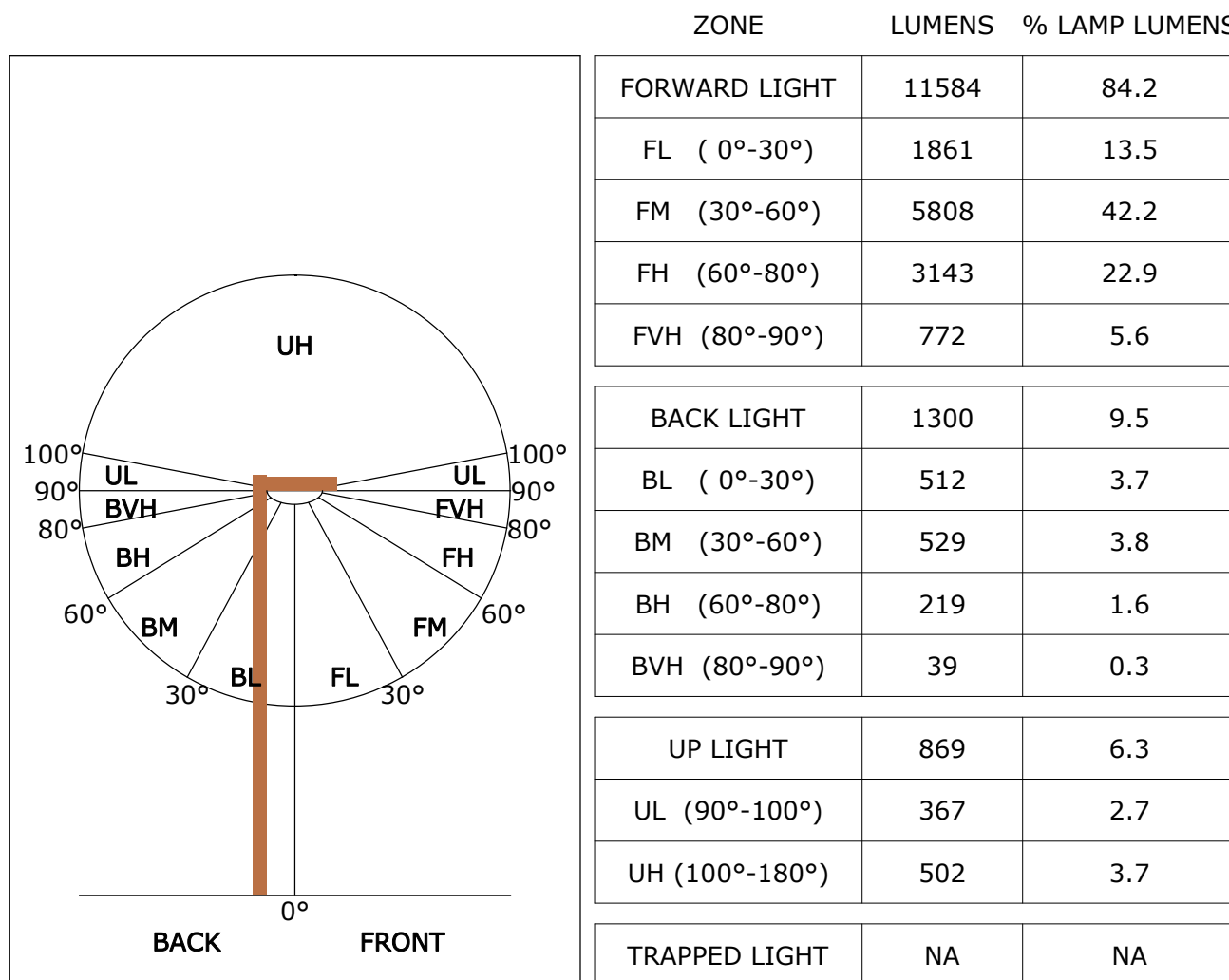
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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 13753lm ( $8\log(F/F_0) = 9.1$ ).

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

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

**FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM**



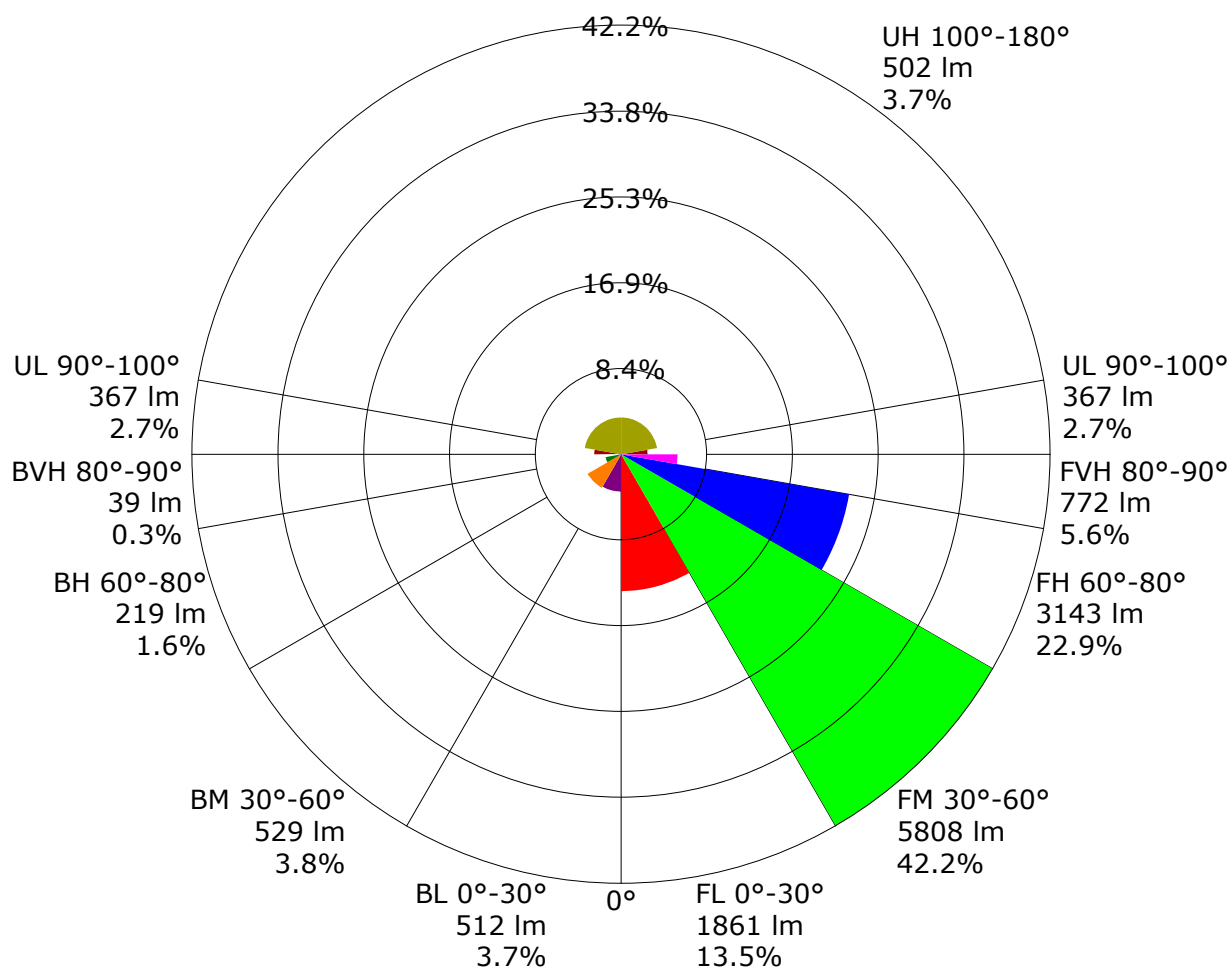
BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B2 U5 G5
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B2 U5 G5

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



**Back Light**

**Forward Light**

Scale= MAX LCS%

Trapped Light:NA,NA

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

## Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.75									
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	NA	0.60	0.68	0.73	0.81	0.86	0.89	0.94	0.98	
	0.30		NA	0.52	0.59	0.65	0.74	0.79	0.83	0.89	0.93	
	0.20		NA	0.46	0.53	0.59	0.68	0.74	0.78	0.85	0.89	
0.50	0.50	0.20	NA	0.58	0.64	0.69	0.76	0.81	0.85	0.89	0.92	
	0.30		NA	0.50	0.57	0.63	0.70	0.76	0.80	0.85	0.89	
	0.20		NA	0.45	0.52	0.57	0.65	0.71	0.75	0.81	0.85	
0.30	0.50	0.20	NA	0.55	0.61	0.66	0.73	0.77	0.80	0.84	0.87	
	0.30		NA	0.49	0.55	0.60	0.68	0.72	0.76	0.81	0.84	
	0.20		NA	0.44	0.50	0.56	0.63	0.69	0.73	0.78	0.82	
0.00	0.00	0.00	NA	0.40	0.47	0.52	0.59	0.64	0.67	0.72	0.76	
Rating:98W 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 = 1.75									
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	NA	0.89	0.77	0.68	0.55	0.47	0.41	0.32	0.27	
	0.30		NA	0.76	0.67	0.60	0.50	0.43	0.38	0.30	0.26	
	0.20		NA	0.66	0.59	0.54	0.45	0.40	0.35	0.29	0.24	
0.50	0.50	0.20	NA	0.85	0.73	0.64	0.52	0.47	0.38	0.31	0.26	
	0.30		NA	0.73	0.65	0.58	0.48	0.41	0.36	0.29	0.24	
	0.20		NA	0.65	0.58	0.52	0.44	0.38	0.34	0.28	0.23	
0.30	0.50	0.20	NA	0.80	0.69	0.61	0.50	0.42	0.37	0.29	0.24	
	0.30		NA	0.71	0.62	0.55	0.46	0.39	0.34	0.28	0.23	
	0.20		NA	0.63	0.56	0.51	0.43	0.37	0.33	0.26	0.23	
0.00	0.00	0.00	0.94	0.53	0.47	0.42	0.35	0.30	0.27	0.22	0.18	
Rating:98W 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 = 1.75									
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	NA	0.24	0.25	0.26	0.27	0.27	0.27	0.28	0.28	
	0.30		NA	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.25	
	0.20		NA	0.12	0.13	0.14	0.16	0.18	0.19	0.21	0.22	
0.50	0.50	0.20	NA	0.23	0.24	0.25	0.26	0.26	0.26	0.27	0.27	
	0.30		NA	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.24	
	0.20		NA	0.12	0.13	0.14	0.16	0.17	0.19	0.20	0.21	
0.30	0.50	0.20	NA	0.23	0.23	0.24	0.25	0.25	0.25	0.26	0.26	
	0.30		NA	0.16	0.18	0.18	0.20	0.21	0.22	0.23	0.23	
	0.20		NA	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.21	
0.00	0.00	0.00	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	
<p>Rating:98W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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 [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	3011.7	2.9	2.9	0.02	0.02
1.0-2.0	3008.7	8.6	11.5	0.06	0.08
2.0-3.0	3005.4	14.4	25.9	0.10	0.19
3.0-4.0	2994.9	20.0	45.9	0.15	0.33
4.0-5.0	2975.5	25.6	71.5	0.19	0.52
5.0-6.0	2950.0	31.0	102.6	0.23	0.75
6.0-7.0	2919.6	36.2	138.8	0.26	1.01
7.0-8.0	2890.1	41.4	180.2	0.30	1.31
8.0-9.0	2864.7	46.4	226.6	0.34	1.65
9.0-10.0	2844.5	51.5	278.1	0.37	2.02
10.0-11.0	2827.8	56.5	334.6	0.41	2.43
11.0-12.0	2812.5	61.5	396.1	0.45	2.88
12.0-13.0	2798.5	66.4	462.5	0.48	3.36
13.0-14.0	2785.4	71.3	533.8	0.52	3.88
14.0-15.0	2775.6	76.2	610.0	0.55	4.44
15.0-16.0	2771.4	81.2	691.2	0.59	5.03
16.0-17.0	2770.8	86.3	777.5	0.63	5.65
17.0-18.0	2771.2	91.4	868.9	0.66	6.32
18.0-19.0	2770.5	96.4	965.3	0.70	7.02
19.0-20.0	2769.6	101.4	1066.7	0.74	7.76
20.0-21.0	2772.1	106.5	1173.2	0.77	8.53
21.0-22.0	2778.9	111.7	1284.9	0.81	9.34
22.0-23.0	2787.2	117.0	1401.8	0.85	10.19
23.0-24.0	2796.5	122.3	1524.1	0.89	11.08
24.0-25.0	2807.9	127.7	1651.8	0.93	12.01
25.0-26.0	2820.1	133.1	1784.9	0.97	12.98
26.0-27.0	2833.0	138.6	1923.6	1.01	13.99
27.0-28.0	2847.4	144.2	2067.7	1.05	15.04
28.0-29.0	2864.0	149.9	2217.6	1.09	16.12
29.0-30.0	2882.8	155.7	2373.3	1.13	17.26
30.0-31.0	2903.5	161.6	2534.9	1.18	18.43
31.0-32.0	2924.1	167.5	2702.4	1.22	19.65
32.0-33.0	2944.0	173.5	2875.9	1.26	20.91
33.0-34.0	2964.0	179.4	3055.3	1.30	22.22
34.0-35.0	2982.4	185.2	3240.5	1.35	23.56
35.0-36.0	2998.7	191.0	3431.5	1.39	24.95

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 [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	3009.6	196.3	3627.8	1.43	26.38
37.0-38.0	3014.5	201.2	3829.0	1.46	27.84
38.0-39.0	3017.3	206.0	4035.0	1.50	29.34
39.0-40.0	3017.9	210.5	4245.5	1.53	30.87
40.0-41.0	3013.7	214.6	4460.1	1.56	32.43
41.0-42.0	3002.6	218.2	4678.3	1.59	34.02
42.0-43.0	2986.0	221.2	4899.5	1.61	35.63
43.0-44.0	2964.2	223.8	5123.3	1.63	37.25
44.0-45.0	2934.0	225.5	5348.8	1.64	38.89
45.0-46.0	2897.7	226.6	5575.5	1.65	40.54
46.0-47.0	2858.9	227.4	5802.9	1.65	42.19
47.0-48.0	2819.4	228.0	6030.8	1.66	43.85
48.0-49.0	2779.7	228.3	6259.1	1.66	45.51
49.0-50.0	2738.5	228.4	6487.5	1.66	47.17
50.0-51.0	2694.5	228.0	6715.5	1.66	48.83
51.0-52.0	2645.3	227.0	6942.5	1.65	50.48
52.0-53.0	2592.1	225.5	7168.0	1.64	52.12
53.0-54.0	2541.6	224.0	7392.1	1.63	53.75
54.0-55.0	2495.0	222.7	7614.8	1.62	55.37
55.0-56.0	2452.0	221.6	7836.4	1.61	56.98
56.0-57.0	2412.2	220.6	8057.0	1.60	58.59
57.0-58.0	2372.4	219.4	8276.4	1.60	60.18
58.0-59.0	2331.0	217.9	8494.3	1.58	61.77
59.0-60.0	2284.1	215.8	8710.2	1.57	63.33
60.0-61.0	2230.8	212.9	8923.1	1.55	64.88
61.0-62.0	2172.8	209.4	9132.5	1.52	66.41
62.0-63.0	2115.0	205.7	9338.2	1.50	67.90
63.0-64.0	2061.3	202.3	9540.5	1.47	69.37
64.0-65.0	2005.3	198.5	9739.0	1.44	70.82
65.0-66.0	1944.0	194.0	9933.0	1.41	72.23
66.0-67.0	1880.8	189.1	10122.1	1.38	73.60
67.0-68.0	1815.6	183.9	10306.1	1.34	74.94
68.0-69.0	1747.2	178.3	10484.3	1.30	76.24
69.0-70.0	1679.0	172.5	10656.8	1.25	77.49
70.0-71.0	1610.5	166.5	10823.3	1.21	78.70
71.0-72.0	1542.1	160.4	10983.6	1.17	79.87

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 [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	1477.0	154.5	11138.1	1.12	80.99
73.0-74.0	1415.3	148.8	11286.9	1.08	82.07
74.0-75.0	1359.8	143.7	11430.6	1.04	83.12
75.0-76.0	1310.1	139.1	11569.7	1.01	84.13
76.0-77.0	1260.7	134.4	11704.1	0.98	85.11
77.0-78.0	1207.1	129.2	11833.4	0.94	86.04
78.0-79.0	1147.7	123.3	11956.7	0.90	86.94
79.0-80.0	1076.6	116.1	12072.8	0.84	87.79
80.0-81.0	998.5	108.0	12180.8	0.79	88.57
81.0-82.0	929.4	100.8	12281.6	0.73	89.30
82.0-83.0	871.8	94.8	12376.4	0.69	89.99
83.0-84.0	819.5	89.3	12465.6	0.65	90.64
84.0-85.0	767.5	83.8	12549.4	0.61	91.25
85.0-86.0	714.3	78.1	12627.5	0.57	91.82
86.0-87.0	660.6	72.3	12699.8	0.53	92.35
87.0-88.0	607.5	66.6	12766.4	0.48	92.83
88.0-89.0	557.5	61.1	12827.5	0.44	93.27
89.0-90.0	512.3	56.2	12883.7	0.41	93.68
90.0-91.0	471.2	51.7	12935.3	0.38	94.06
91.0-92.0	433.3	47.5	12982.8	0.35	94.40
92.0-93.0	399.1	43.7	13026.6	0.32	94.72
93.0-94.0	368.6	40.3	13066.9	0.29	95.01
94.0-95.0	340.1	37.2	13104.1	0.27	95.28
95.0-96.0	312.6	34.1	13138.2	0.25	95.53
96.0-97.0	287.6	31.3	13169.5	0.23	95.76
97.0-98.0	266.2	28.9	13198.5	0.21	95.97
98.0-99.0	248.1	26.9	13225.4	0.20	96.17
99.0-100.0	232.4	25.1	13250.5	0.18	96.35
100.0-101.0	218.7	23.6	13274.1	0.17	96.52
101.0-102.0	206.5	22.2	13296.3	0.16	96.68
102.0-103.0	194.8	20.9	13317.2	0.15	96.83
103.0-104.0	183.3	19.5	13336.7	0.14	96.98
104.0-105.0	172.3	18.3	13355.0	0.13	97.11
105.0-106.0	161.8	17.1	13372.1	0.12	97.23
106.0-107.0	151.9	16.0	13388.1	0.12	97.35
107.0-108.0	143.1	15.0	13403.0	0.11	97.46

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 3)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	135.8	14.1	13417.2	0.10	97.56
109.0-110.0	129.8	13.4	13430.6	0.10	97.66
110.0-111.0	124.8	12.8	13443.4	0.09	97.75
111.0-112.0	120.7	12.3	13455.7	0.09	97.84
112.0-113.0	116.8	11.8	13467.5	0.09	97.93
113.0-114.0	113.2	11.4	13478.9	0.08	98.01
114.0-115.0	110.1	11.0	13489.9	0.08	98.09
115.0-116.0	107.5	10.6	13500.5	0.08	98.17
116.0-117.0	105.1	10.3	13510.8	0.07	98.24
117.0-118.0	102.9	10.0	13520.9	0.07	98.32
118.0-119.0	100.7	9.7	13530.6	0.07	98.39
119.0-120.0	98.7	9.4	13540.0	0.07	98.45
120.0-121.0	96.8	9.2	13549.1	0.07	98.52
121.0-122.0	95.1	8.9	13558.0	0.06	98.59
122.0-123.0	93.4	8.6	13566.7	0.06	98.65
123.0-124.0	91.9	8.4	13575.1	0.06	98.71
124.0-125.0	90.4	8.2	13583.2	0.06	98.77
125.0-126.0	89.0	7.9	13591.2	0.06	98.83
126.0-127.0	87.8	7.7	13598.9	0.06	98.88
127.0-128.0	86.7	7.5	13606.5	0.05	98.94
128.0-129.0	85.6	7.4	13613.8	0.05	98.99
129.0-130.0	84.5	7.2	13621.0	0.05	99.04
130.0-131.0	83.2	6.9	13627.9	0.05	99.09
131.0-132.0	82.1	6.7	13634.6	0.05	99.14
132.0-133.0	81.0	6.5	13641.2	0.05	99.19
133.0-134.0	79.5	6.3	13647.5	0.05	99.24
134.0-135.0	78.0	6.1	13653.6	0.04	99.28
135.0-136.0	76.3	5.9	13659.5	0.04	99.32
136.0-137.0	74.4	5.6	13665.1	0.04	99.36
137.0-138.0	72.3	5.4	13670.4	0.04	99.40
138.0-139.0	70.2	5.1	13675.5	0.04	99.44
139.0-140.0	68.2	4.9	13680.4	0.04	99.48
140.0-141.0	66.5	4.6	13685.0	0.03	99.51
141.0-142.0	65.1	4.4	13689.5	0.03	99.54
142.0-143.0	64.0	4.3	13693.8	0.03	99.57
143.0-144.0	62.8	4.1	13697.9	0.03	99.60

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 [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	61.4	3.9	13701.8	0.03	99.63
145.0-146.0	59.7	3.7	13705.5	0.03	99.66
146.0-147.0	57.9	3.5	13709.0	0.03	99.68
147.0-148.0	56.3	3.3	13712.3	0.02	99.71
148.0-149.0	54.9	3.1	13715.4	0.02	99.73
149.0-150.0	53.6	3.0	13718.4	0.02	99.75
150.0-151.0	52.2	2.8	13721.2	0.02	99.77
151.0-152.0	50.7	2.7	13723.9	0.02	99.79
152.0-153.0	49.2	2.5	13726.4	0.02	99.81
153.0-154.0	47.8	2.3	13728.7	0.02	99.83
154.0-155.0	46.5	2.2	13730.9	0.02	99.84
155.0-156.0	45.4	2.1	13733.0	0.02	99.86
156.0-157.0	44.2	1.9	13734.9	0.01	99.87
157.0-158.0	42.9	1.8	13736.7	0.01	99.88
158.0-159.0	41.5	1.7	13738.4	0.01	99.90
159.0-160.0	40.2	1.5	13739.9	0.01	99.91
160.0-161.0	39.0	1.4	13741.4	0.01	99.92
161.0-162.0	37.9	1.3	13742.7	0.01	99.93
162.0-163.0	36.8	1.2	13743.9	0.01	99.94
163.0-164.0	35.6	1.1	13745.0	0.01	99.95
164.0-165.0	34.6	1.0	13746.0	0.01	99.95
165.0-166.0	33.6	0.9	13746.9	0.01	99.96
166.0-167.0	32.6	0.8	13747.8	0.01	99.97
167.0-168.0	31.6	0.7	13748.5	0.01	99.97
168.0-169.0	30.7	0.7	13749.2	0.00	99.98
169.0-170.0	30.0	0.6	13749.8	0.00	99.98
170.0-171.0	29.3	0.5	13750.3	0.00	99.98
171.0-172.0	29.0	0.5	13750.8	0.00	99.99
172.0-173.0	28.9	0.4	13751.2	0.00	99.99
173.0-174.0	28.8	0.4	13751.6	0.00	99.99
174.0-175.0	28.7	0.3	13751.9	0.00	100.00
175.0-176.0	28.7	0.2	13752.1	0.00	100.00
176.0-177.0	28.8	0.2	13752.3	0.00	100.00
177.0-178.0	28.8	0.1	13752.4	0.00	100.00
178.0-179.0	28.8	0.1	13752.5	0.00	100.00
179.0-180.0	28.8	0.0	13752.6	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	3013.6	3013.6	3013.6	3013.6	3013.6	3013.6	3013.6	3013.6	3013.6	3013.6
G1.0	3022.2	3089.1	3143.8	3183.7	3187.7	3170.5	3128.2	3072.0	3009.5	2933.9
G2.0	3026.6	3158.9	3273.2	3359.9	3366.5	3324.0	3251.9	3133.0	2998.6	2851.2
G3.0	3030.5	3236.4	3415.3	3520.0	3537.5	3478.3	3358.4	3185.4	2989.6	2766.9
G4.0	3029.9	3308.3	3534.8	3669.1	3698.6	3618.8	3456.6	3227.8	2974.8	2683.7
G5.0	3026.9	3382.4	3649.5	3813.6	3831.0	3743.4	3559.1	3275.2	2966.8	2601.9
G6.0	3025.4	3439.2	3758.9	3927.6	3940.5	3836.2	3645.5	3321.3	2956.6	2522.6
G7.0	3018.4	3506.0	3852.9	4028.5	4042.7	3928.3	3714.3	3363.0	2946.3	2438.5
G8.0	3014.2	3559.7	3937.4	4111.5	4130.6	4001.0	3786.9	3407.7	2942.7	2348.6
G9.0	3004.6	3612.1	4012.3	4190.5	4234.0	4077.1	3857.7	3457.1	2930.5	2252.9
G10.0	2996.1	3661.8	4080.4	4305.1	4346.8	4179.9	3916.5	3495.9	2912.8	2149.5
G11.0	2990.5	3709.7	4136.6	4403.6	4431.8	4274.6	3971.4	3527.7	2890.6	2058.1
G12.0	2977.8	3748.3	4203.7	4482.5	4501.2	4349.9	4029.5	3546.3	2868.2	1963.6
G13.0	2965.1	3784.4	4285.6	4561.1	4573.1	4422.5	4099.5	3563.4	2844.6	1860.7
G14.0	2952.6	3807.0	4349.5	4637.2	4669.3	4489.9	4170.0	3576.9	2815.9	1769.1
G15.0	2935.6	3826.3	4409.1	4744.0	4804.9	4582.0	4215.1	3586.6	2786.4	1681.4
G16.0	2919.9	3845.3	4452.1	4867.8	4947.6	4704.5	4260.8	3589.8	2759.0	1602.5
G17.0	2896.3	3854.0	4504.1	5013.8	5083.1	4840.0	4294.9	3595.5	2729.4	1528.7
G18.0	2875.3	3858.8	4556.9	5152.9	5207.3	4971.9	4334.1	3598.0	2697.4	1458.8
G19.0	2854.1	3864.7	4619.7	5267.4	5317.5	5089.9	4377.8	3587.7	2665.8	1392.5
G20.0	2828.6	3873.1	4696.7	5387.2	5432.2	5208.6	4424.7	3576.7	2636.9	1326.4
G21.0	2802.2	3889.0	4780.4	5490.9	5563.6	5314.2	4488.9	3569.2	2608.8	1267.5
G22.0	2781.7	3908.9	4867.9	5611.9	5677.1	5422.2	4559.8	3571.7	2576.0	1208.7
G23.0	2755.1	3924.2	4949.7	5738.5	5792.8	5520.5	4620.1	3574.2	2546.4	1155.8
G24.0	2735.4	3945.7	5020.6	5859.5	5915.6	5619.0	4682.1	3586.6	2516.1	1111.0
G25.0	2715.7	3966.0	5087.9	5990.6	6053.5	5724.3	4731.4	3593.0	2489.6	1067.4
G26.0	2690.0	3975.9	5155.5	6116.1	6209.6	5833.7	4781.1	3592.3	2458.3	1027.5
G27.0	2667.4	3981.8	5223.7	6237.7	6343.5	5954.6	4834.6	3601.2	2426.0	988.1
G28.0	2646.4	3979.9	5289.3	6366.5	6502.2	6082.3	4881.5	3598.3	2399.2	948.4
G29.0	2625.2	3980.8	5358.4	6508.0	6673.7	6199.0	4927.0	3598.3	2373.2	905.3
G30.0	2603.9	3981.1	5435.0	6644.9	6865.7	6299.4	4977.7	3601.5	2351.1	866.0
G31.0	2581.5	3984.0	5500.9	6801.1	7031.6	6419.8	5035.8	3593.4	2329.3	834.7
G32.0	2564.1	3988.8	5568.8	6951.5	7189.9	6527.5	5086.7	3584.3	2299.3	805.7
G33.0	2542.2	3989.9	5635.6	7116.5	7349.4	6649.8	5130.3	3574.7	2268.3	778.8
G34.0	2516.9	3988.9	5712.3	7253.9	7504.8	6753.5	5184.7	3563.7	2245.4	752.2
G35.0	2486.0	3988.1	5774.3	7364.4	7666.4	6871.4	5225.8	3552.7	2223.2	727.3
G36.0	2459.9	3992.8	5838.9	7476.7	7784.2	6988.2	5270.2	3536.9	2200.9	702.2

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	2437.9	4001.0	5904.3	7519.9	7850.5	7070.6	5316.4	3512.1	2181.1	679.3
G38.0	2416.3	4010.3	5970.9	7527.1	7925.5	7118.5	5361.9	3490.6	2158.5	654.6
G39.0	2393.3	4006.7	6035.5	7575.3	7992.5	7148.6	5393.4	3470.9	2134.2	629.4
G40.0	2368.9	3997.9	6102.2	7578.6	8021.7	7186.6	5435.7	3455.1	2106.6	604.3
G41.0	2339.0	3990.0	6130.6	7609.1	7988.0	7204.7	5474.9	3438.1	2082.4	582.7
G42.0	2311.9	3985.1	6146.6	7601.5	7916.9	7208.0	5489.8	3419.3	2058.4	561.1
G43.0	2285.2	3983.2	6144.5	7571.0	7844.8	7193.0	5497.3	3397.8	2035.9	542.2
G44.0	2262.7	3967.5	6137.2	7513.8	7717.9	7176.2	5490.5	3371.4	2011.8	523.1
G45.0	2236.2	3944.2	6121.4	7419.2	7542.1	7117.1	5470.2	3348.5	1987.3	503.3
G46.0	2207.2	3920.8	6080.1	7302.8	7391.0	7038.8	5439.4	3326.5	1960.8	482.1
G47.0	2179.8	3898.3	6025.3	7173.7	7267.2	6944.5	5376.8	3302.5	1934.2	463.4
G48.0	2151.1	3875.8	5954.8	7053.1	7169.3	6836.3	5314.8	3271.6	1910.8	446.0
G49.0	2120.8	3843.1	5844.0	6955.8	7057.7	6741.6	5253.1	3243.8	1887.9	430.5
G50.0	2097.5	3806.3	5734.3	6843.7	6939.2	6633.1	5189.9	3219.6	1863.3	414.8
G51.0	2072.3	3771.0	5626.4	6714.0	6797.7	6509.2	5125.7	3192.7	1842.1	397.4
G52.0	2044.8	3734.5	5496.6	6556.1	6606.6	6392.0	5043.3	3163.9	1821.4	382.3
G53.0	2022.2	3697.0	5380.3	6390.3	6436.6	6247.9	4953.6	3119.9	1798.7	368.0
G54.0	2000.5	3666.8	5253.7	6236.1	6339.9	6111.2	4858.4	3083.5	1777.4	353.7
G55.0	1978.0	3629.9	5131.4	6106.1	6254.9	5979.7	4745.2	3053.9	1755.7	339.4
G56.0	1954.1	3594.5	5017.7	6012.2	6225.7	5858.2	4623.6	3009.7	1728.7	326.8
G57.0	1926.9	3532.4	4913.8	5939.5	6167.5	5770.6	4503.3	2973.5	1698.7	313.4
G58.0	1900.3	3468.0	4798.2	5866.3	6096.9	5687.3	4384.3	2938.0	1671.2	299.7
G59.0	1868.9	3397.1	4677.4	5796.1	6002.8	5603.8	4281.1	2896.3	1636.3	287.7
G60.0	1832.7	3320.6	4586.1	5689.8	5818.2	5502.4	4167.4	2842.9	1606.3	275.8
G61.0	1793.2	3248.1	4483.6	5540.2	5640.0	5383.3	4055.6	2783.1	1581.2	264.8
G62.0	1749.3	3153.9	4367.5	5381.9	5470.2	5241.1	3942.9	2714.8	1541.6	253.5
G63.0	1706.3	3054.9	4265.9	5242.8	5357.0	5107.2	3836.2	2642.2	1498.7	243.6
G64.0	1667.6	2963.7	4152.1	5140.0	5213.1	5001.1	3728.8	2569.6	1456.8	234.9
G65.0	1625.8	2866.2	4042.0	4984.8	5050.0	4878.4	3615.8	2490.1	1415.8	225.2
G66.0	1577.8	2758.4	3929.2	4822.1	4887.0	4733.4	3501.7	2411.3	1359.8	214.4
G67.0	1523.6	2632.4	3840.9	4664.7	4721.5	4582.2	3399.7	2325.6	1296.2	207.4
G68.0	1455.7	2493.6	3732.2	4500.2	4554.9	4425.6	3297.4	2237.2	1237.2	201.9
G69.0	1388.0	2353.8	3614.9	4341.0	4369.8	4245.2	3194.3	2150.3	1178.8	196.1
G70.0	1324.3	2239.8	3494.9	4180.8	4212.7	4079.0	3088.5	2062.1	1110.4	189.9
G71.0	1258.7	2129.5	3359.2	3999.8	4048.7	3907.4	2977.6	1965.2	1037.4	181.5
G72.0	1186.4	2043.0	3236.6	3841.5	3890.9	3745.6	2862.6	1866.7	969.7	173.4
G73.0	1114.5	1941.6	3108.9	3691.6	3768.1	3593.4	2746.8	1772.6	896.1	169.4

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:

## 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	1032.4	1833.6	2997.5	3577.0	3664.2	3466.9	2630.5	1674.5	825.8	162.3
G75.0	948.4	1738.4	2896.8	3490.8	3587.1	3370.3	2525.3	1582.4	756.5	154.5
G76.0	868.0	1650.1	2807.3	3413.9	3519.1	3291.8	2419.7	1491.4	686.1	147.4
G77.0	797.0	1557.8	2706.9	3331.9	3420.6	3198.5	2321.7	1394.8	622.4	140.1
G78.0	726.4	1468.7	2592.8	3217.3	3291.1	3082.2	2222.5	1304.7	560.5	133.5
G79.0	659.9	1384.2	2480.1	3068.2	3124.7	2938.6	2111.6	1214.9	501.8	127.1
G80.0	594.3	1304.1	2339.0	2833.5	2876.6	2718.6	1989.3	1123.7	443.8	120.8
G81.0	523.4	1218.4	2179.0	2623.7	2680.8	2513.5	1858.6	1033.2	384.9	115.0
G82.0	458.0	1137.7	2033.6	2482.2	2544.5	2373.0	1732.8	946.6	332.5	109.7
G83.0	396.3	1061.7	1909.4	2360.8	2440.4	2255.5	1624.7	866.9	281.4	105.0
G84.0	341.6	988.1	1795.3	2238.0	2336.2	2139.4	1524.5	789.7	234.1	100.8
G85.0	288.3	917.1	1677.8	2114.0	2195.7	2020.1	1429.5	717.1	194.4	96.8
G86.0	242.8	841.8	1555.5	1981.8	2048.7	1886.2	1334.1	649.7	159.5	93.1
G87.0	202.8	770.6	1443.1	1834.2	1900.2	1747.1	1236.3	588.1	128.7	89.3
G88.0	165.3	709.2	1339.5	1678.9	1747.9	1606.4	1137.7	526.2	106.0	85.9
G89.0	134.9	649.4	1237.4	1550.2	1603.3	1475.8	1047.4	475.8	87.8	83.4
G90.0	107.9	594.6	1140.9	1428.6	1485.7	1357.4	959.4	430.7	75.9	80.6
G91.0	85.8	547.5	1047.0	1313.8	1382.8	1246.8	872.8	391.5	67.9	77.6
G92.0	72.8	494.0	953.2	1215.6	1290.8	1135.9	796.0	355.1	63.8	75.4
G93.0	65.0	448.7	864.4	1130.8	1204.6	1044.1	728.5	320.3	61.2	72.5
G94.0	60.1	411.9	784.3	1049.3	1119.4	963.9	666.0	292.3	59.8	70.4
G95.0	57.6	379.0	710.4	966.2	1021.7	889.1	607.9	269.4	59.0	68.1
G96.0	55.8	347.1	645.8	883.7	926.2	810.8	556.3	249.0	58.8	66.6
G97.0	55.9	322.0	592.3	804.6	849.3	742.0	509.4	228.6	58.8	64.4
G98.0	55.9	298.5	546.4	737.9	787.0	685.0	470.1	211.2	59.0	62.8
G99.0	55.9	276.3	502.9	682.5	737.7	636.3	435.1	196.3	59.5	61.4
G100.0	56.0	255.8	466.5	636.8	691.0	596.5	402.2	182.6	60.4	60.0
G101.0	57.4	237.5	434.8	598.1	655.6	561.1	369.8	170.9	61.1	58.7
G102.0	58.1	221.5	405.5	564.0	618.7	527.4	339.9	161.1	61.3	56.9
G103.0	59.2	205.9	377.2	527.3	582.8	488.0	317.5	150.3	61.8	56.5
G104.0	60.0	192.6	352.1	488.3	545.4	448.6	296.5	141.6	62.3	55.2
G105.0	61.1	180.7	328.2	454.4	504.5	412.5	278.3	133.3	62.8	54.2
G106.0	61.8	173.1	302.9	418.3	463.8	381.2	260.0	127.4	63.1	53.0
G107.0	62.3	162.4	280.0	383.9	423.8	352.9	245.1	122.3	63.2	51.9
G108.0	63.1	155.4	262.5	351.9	388.6	331.8	233.2	118.4	63.2	50.9
G109.0	63.6	149.4	250.9	326.3	360.1	311.2	223.6	113.9	63.1	49.8
G110.0	63.8	143.9	243.2	305.3	336.9	291.5	214.8	110.4	63.1	48.9

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	64.2	139.1	236.8	289.0	319.2	277.9	205.4	107.5	63.1	48.0
G112.0	64.2	135.0	227.6	275.3	304.1	266.5	196.8	104.9	62.9	47.2
G113.0	64.5	131.1	215.7	263.6	290.9	255.9	188.6	103.1	62.4	46.2
G114.0	64.4	127.7	204.7	253.7	279.4	246.1	181.8	101.0	61.9	45.4
G115.0	64.1	124.4	197.0	244.4	269.6	238.1	176.7	98.7	61.2	44.8
G116.0	63.7	120.8	191.8	235.9	260.0	230.9	172.3	96.9	60.5	44.1
G117.0	62.8	117.0	188.3	228.7	251.7	225.2	167.6	94.6	59.4	43.9
G118.0	61.6	113.6	184.4	222.1	243.7	219.8	164.3	92.1	58.4	43.4
G119.0	60.2	110.1	178.1	216.4	237.0	215.5	159.0	90.0	57.4	42.6
G120.0	59.3	106.7	173.7	212.2	231.1	210.8	154.3	88.4	55.8	42.5
G121.0	57.4	103.9	167.3	207.5	225.8	206.3	150.6	86.6	55.2	42.3
G122.0	55.8	100.9	162.7	203.2	220.3	202.2	147.5	84.5	53.8	43.1
G123.0	54.3	97.7	159.3	199.8	215.5	197.9	144.5	82.0	52.6	42.4
G124.0	52.8	95.0	156.3	196.0	211.2	193.9	141.0	81.3	51.4	42.8
G125.0	51.4	92.2	152.9	192.1	207.8	190.6	138.0	78.6	50.5	42.4
G126.0	49.8	89.5	149.7	189.6	205.2	187.3	134.5	76.5	49.2	42.9
G127.0	48.5	86.6	146.5	187.4	202.8	183.9	131.7	74.9	48.5	42.3
G128.0	47.7	85.8	143.4	185.0	201.1	180.9	128.4	73.3	47.7	42.4
G129.0	46.7	83.2	140.5	182.2	199.5	178.2	125.1	71.9	46.8	42.6
G130.0	45.5	81.8	136.8	179.2	197.8	174.7	121.6	70.6	46.1	42.9
G131.0	45.0	80.5	133.1	174.7	195.9	169.9	118.1	69.4	45.5	42.4
G132.0	44.2	78.9	129.8	173.0	193.2	170.2	115.3	67.6	44.7	42.3
G133.0	43.6	77.1	126.2	169.8	189.6	165.4	112.0	65.8	44.2	42.6
G134.0	43.1	75.0	123.2	165.1	185.3	160.7	109.7	64.1	43.7	42.3
G135.0	42.3	73.3	120.0	160.1	179.3	155.7	106.2	63.0	43.0	42.2
G136.0	41.6	71.6	116.4	154.2	171.7	151.2	102.5	61.6	42.8	42.2
G137.0	41.4	70.3	112.0	148.0	163.8	145.7	98.3	60.5	42.3	41.9
G138.0	41.0	69.1	107.6	141.0	153.5	140.3	94.5	59.3	41.6	41.6
G139.0	40.4	67.9	104.0	134.5	142.9	133.6	91.3	57.5	41.6	41.3
G140.0	39.9	66.2	101.3	127.9	133.9	127.7	89.2	55.7	41.1	41.0
G141.0	39.2	64.3	99.1	122.6	128.1	122.9	86.6	53.6	40.2	40.7
G142.0	39.2	62.6	97.0	119.2	125.7	119.9	83.8	53.2	39.9	40.2
G143.0	38.6	60.8	94.0	115.9	123.8	117.7	81.5	51.1	39.5	40.0
G144.0	38.1	59.1	90.1	113.5	121.2	114.9	77.5	49.7	39.0	40.4
G145.0	37.6	57.5	86.3	109.3	115.7	110.6	74.2	48.3	38.6	40.0
G146.0	37.5	55.9	82.4	104.6	108.9	104.9	71.7	46.5	37.7	39.9
G147.0	36.9	53.9	79.8	98.9	102.7	99.7	69.3	45.1	37.0	39.4

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:

## 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	36.7	52.1	77.4	94.7	98.4	95.4	67.2	43.5	36.5	38.9
G149.0	36.3	50.1	75.0	91.0	96.0	91.9	64.7	41.7	35.7	38.7
G150.0	35.7	48.3	72.3	88.0	93.4	89.5	61.9	40.1	35.3	37.9
G151.0	35.2	46.6	68.7	84.9	89.1	85.0	58.8	38.5	34.4	37.2
G152.0	34.7	45.1	65.9	80.3	85.2	81.9	55.8	36.9	33.8	37.0
G153.0	34.4	42.9	63.2	75.9	79.3	77.4	54.2	35.3	33.1	36.2
G154.0	33.9	41.6	60.7	71.7	75.4	73.8	51.8	34.1	32.9	35.8
G155.0	33.3	39.7	58.4	68.9	72.8	71.0	49.5	33.0	32.0	35.4
G156.0	32.9	38.2	56.1	66.3	70.4	68.6	47.4	32.1	31.4	34.7
G157.0	32.7	36.5	53.2	63.2	67.5	65.5	44.4	31.6	30.7	34.2
G158.0	31.9	34.7	50.2	59.7	63.7	62.2	42.0	30.7	30.5	33.9
G159.0	31.4	33.2	47.5	56.6	59.6	58.9	39.4	30.0	29.7	33.6
G160.0	31.1	31.5	45.3	52.9	56.3	55.8	37.3	29.6	29.2	33.0
G161.0	30.4	30.8	42.7	50.0	53.4	53.4	35.2	28.9	28.5	32.7
G162.0	30.2	30.1	40.3	47.6	51.2	50.8	33.1	28.4	28.0	32.1
G163.0	29.6	29.5	37.9	44.9	48.8	47.9	30.8	27.5	27.5	31.5
G164.0	29.3	28.9	35.5	42.0	46.0	44.9	28.7	27.3	27.1	31.2
G165.0	28.5	28.4	33.5	39.5	43.3	42.3	26.6	26.6	26.6	30.8
G166.0	28.0	27.7	31.2	36.8	40.7	39.6	24.5	26.1	26.0	30.4
G167.0	27.8	27.5	28.8	34.7	38.3	37.0	23.1	25.7	25.8	30.1
G168.0	27.1	27.2	26.7	32.4	35.9	34.7	23.1	25.2	25.4	29.7
G169.0	26.7	26.6	25.8	30.2	34.0	32.5	22.9	24.7	25.3	29.2
G170.0	26.2	26.5	25.9	28.0	31.9	29.7	22.9	24.5	25.1	28.9
G171.0	26.1	26.2	26.1	26.2	29.2	29.2	22.9	24.1	24.8	28.4
G172.0	25.6	26.2	26.0	26.8	29.5	29.2	23.1	24.1	24.9	29.4
G173.0	25.4	26.1	26.6	27.5	30.2	28.7	23.1	23.8	24.8	29.5
G174.0	25.4	26.0	26.9	27.9	31.1	28.7	23.3	23.8	24.7	29.0
G175.0	25.0	26.0	27.3	29.0	31.9	28.5	23.6	23.8	24.7	28.6
G176.0	24.9	26.2	27.9	29.8	32.6	28.2	24.0	23.8	24.7	28.5
G177.0	24.8	26.6	28.6	30.6	33.3	29.4	24.3	23.8	24.6	27.9
G178.0	24.8	26.9	29.0	31.6	33.3	30.1	25.0	24.3	24.9	27.8
G179.0	24.9	27.1	29.8	32.2	31.9	30.4	25.7	24.5	24.8	27.8
G180.0	25.0	27.8	30.4	33.2	33.3	30.6	26.1	24.7	24.7	27.5

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 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	3013.6	3013.6	3013.6	3013.6	3013.6	3013.6	3013.6			
G1.0	2866.7	2829.6	2820.8	2845.1	2898.5	2957.0	3022.2			
G2.0	2725.4	2656.3	2639.3	2678.7	2774.3	2901.3	3026.6			
G3.0	2591.0	2477.7	2455.5	2521.8	2647.8	2840.6	3030.5			
G4.0	2439.3	2269.9	2232.3	2339.3	2527.4	2772.1	3029.9			
G5.0	2274.9	2050.0	2005.5	2137.5	2405.0	2709.1	3026.9			
G6.0	2108.9	1846.9	1794.1	1940.1	2263.3	2640.6	3025.4			
G7.0	1934.8	1660.3	1607.4	1740.5	2108.8	2570.3	3018.4			
G8.0	1775.1	1508.1	1453.9	1581.2	1956.4	2506.1	3014.2			
G9.0	1634.0	1372.9	1317.4	1444.3	1809.6	2442.2	3004.6			
G10.0	1518.5	1251.5	1199.4	1316.3	1669.5	2374.4	2996.1			
G11.0	1403.3	1153.9	1112.9	1203.8	1549.3	2298.1	2990.5			
G12.0	1305.1	1080.8	1042.8	1119.6	1444.2	2221.4	2977.8			
G13.0	1207.7	1011.0	953.9	1050.0	1344.8	2140.3	2965.1			
G14.0	1132.8	923.6	879.5	982.1	1251.0	2058.2	2952.6			
G15.0	1069.7	856.6	814.3	898.6	1166.0	1976.7	2935.6			
G16.0	1008.9	793.9	750.4	834.8	1097.6	1896.7	2919.9			
G17.0	942.0	734.9	692.5	776.6	1036.4	1813.3	2896.3			
G18.0	876.5	680.3	637.1	720.8	980.9	1736.6	2875.3			
G19.0	820.6	627.7	569.4	666.7	926.7	1664.4	2854.1			
G20.0	770.3	564.3	520.5	614.7	862.1	1593.2	2828.6			
G21.0	723.6	518.6	481.3	555.4	809.8	1529.2	2802.2			
G22.0	676.1	478.3	442.0	511.5	765.2	1473.1	2781.7			
G23.0	632.0	441.2	400.6	472.6	719.0	1416.5	2755.1			
G24.0	585.4	403.5	366.3	437.9	677.6	1367.3	2735.4			
G25.0	538.3	367.0	340.7	401.8	637.3	1317.6	2715.7			
G26.0	500.0	339.9	313.4	363.1	596.2	1268.5	2690.0			
G27.0	467.4	314.0	284.5	336.6	553.0	1222.0	2667.4			
G28.0	436.0	287.5	262.4	311.2	511.4	1178.0	2646.4			
G29.0	407.8	263.5	241.8	286.7	479.7	1139.6	2625.2			
G30.0	372.6	243.3	219.6	260.8	450.3	1109.1	2603.9			
G31.0	348.9	223.3	200.4	241.4	421.8	1080.7	2581.5			
G32.0	322.7	202.1	181.5	220.7	396.1	1052.7	2564.1			
G33.0	301.1	182.9	163.8	199.1	362.8	1021.3	2542.2			
G34.0	278.4	167.2	145.8	180.9	338.0	994.3	2516.9			
G35.0	256.5	148.4	127.6	164.0	318.6	960.8	2486.0			
G36.0	238.3	131.1	111.6	146.4	297.2	925.8	2459.9			

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 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	220.9	115.0	95.5	130.3	277.1	895.6	2437.9			
G38.0	201.6	99.0	80.7	114.4	254.9	870.1	2416.3			
G39.0	184.9	84.4	66.8	99.7	237.9	844.7	2393.3			
G40.0	170.0	70.0	53.6	84.5	221.5	818.6	2368.9			
G41.0	153.9	56.6	41.4	71.2	204.7	794.5	2339.0			
G42.0	138.3	44.9	27.5	57.4	187.7	768.4	2311.9			
G43.0	124.7	33.4	12.5	46.3	173.2	744.1	2285.2			
G44.0	111.1	19.8	5.0	35.1	160.6	721.2	2262.7			
G45.0	98.1	5.9	5.3	23.3	145.0	696.9	2236.2			
G46.0	86.4	5.0	5.0	10.2	131.9	673.8	2207.2			
G47.0	75.5	5.1	5.0	5.0	119.0	648.4	2179.8			
G48.0	65.3	5.0	5.0	5.2	107.4	627.0	2151.1			
G49.0	56.1	5.2	5.5	5.2	96.2	606.7	2120.8			
G50.0	47.4	5.1	5.5	5.5	85.9	586.7	2097.5			
G51.0	37.9	5.2	5.3	5.2	76.8	569.1	2072.3			
G52.0	29.6	5.2	5.0	5.5	68.2	546.9	2044.8			
G53.0	28.8	5.3	5.3	5.2	60.0	525.6	2022.2			
G54.0	28.4	5.3	5.3	5.2	51.6	508.6	2000.5			
G55.0	27.8	5.3	5.5	5.5	44.8	489.6	1978.0			
G56.0	27.5	5.6	5.3	5.5	43.4	472.6	1954.1			
G57.0	27.0	5.4	5.3	5.5	42.9	455.2	1926.9			
G58.0	26.5	5.6	5.5	5.9	42.5	439.4	1900.3			
G59.0	26.1	5.7	5.5	5.7	41.8	423.4	1868.9			
G60.0	26.1	5.9	6.0	6.2	41.6	407.8	1832.7			
G61.0	25.5	6.0	6.0	6.2	40.8	392.7	1793.2			
G62.0	25.3	5.9	6.0	6.4	40.8	376.9	1749.3			
G63.0	25.2	6.0	6.2	6.4	40.4	363.4	1706.3			
G64.0	24.9	6.4	6.2	6.6	39.9	348.2	1667.6			
G65.0	24.9	6.5	6.5	6.6	39.4	331.3	1625.8			
G66.0	24.6	6.6	6.2	6.9	38.7	320.7	1577.8			
G67.0	24.6	7.0	6.7	7.4	38.5	307.7	1523.6			
G68.0	24.6	7.2	6.9	7.4	38.5	292.3	1455.7			
G69.0	24.6	7.1	7.2	7.6	38.1	279.7	1388.0			
G70.0	24.1	7.4	7.4	8.1	37.6	266.0	1324.3			
G71.0	24.1	7.6	7.9	8.3	36.9	253.4	1258.7			
G72.0	23.8	7.9	8.4	8.8	36.2	242.4	1186.4			
G73.0	24.0	8.1	8.6	8.8	35.7	231.6	1114.5			

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 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	23.8	8.6	9.1	9.0	35.5	219.9	1032.4			
G75.0	23.6	8.5	9.6	8.8	35.0	208.0	948.4			
G76.0	23.6	9.3	10.1	9.5	34.3	197.5	868.0			
G77.0	23.4	9.4	10.3	9.7	33.8	185.8	797.0			
G78.0	23.2	10.0	10.8	10.2	33.4	174.3	726.4			
G79.0	23.5	10.4	11.5	10.4	32.7	164.3	659.9			
G80.0	23.0	10.9	11.7	11.2	32.4	154.0	594.3			
G81.0	23.1	11.1	12.5	11.4	32.0	143.6	523.4			
G82.0	23.1	11.7	12.9	11.6	31.3	135.4	458.0			
G83.0	23.0	12.4	13.2	12.3	30.8	127.4	396.3			
G84.0	23.2	12.9	13.9	13.3	30.3	120.5	341.6			
G85.0	23.1	13.5	14.8	13.8	29.9	113.9	288.3			
G86.0	23.5	14.0	15.1	14.2	29.4	108.1	242.8			
G87.0	23.7	14.6	15.6	14.7	28.9	102.4	202.8			
G88.0	23.7	15.5	16.5	15.7	28.7	96.7	165.3			
G89.0	24.0	15.9	17.2	16.4	28.7	92.6	134.9			
G90.0	24.3	16.4	17.7	16.9	28.2	88.4	107.9			
G91.0	24.6	17.1	18.2	17.6	28.2	85.0	85.8			
G92.0	24.7	17.7	18.9	18.0	28.0	81.6	72.8			
G93.0	25.0	18.4	19.6	18.5	28.0	78.8	65.0			
G94.0	25.3	19.2	20.1	19.2	28.5	75.6	60.1			
G95.0	25.9	19.8	20.8	19.9	28.2	73.1	57.6			
G96.0	25.9	20.3	21.8	20.7	28.5	70.3	55.8			
G97.0	26.4	21.2	22.3	21.6	28.7	68.5	55.9			
G98.0	27.2	21.9	23.2	22.1	28.7	66.7	55.9			
G99.0	27.7	22.5	23.7	23.0	28.9	65.1	55.9			
G100.0	27.9	23.4	24.7	23.5	29.4	63.9	56.0			
G101.0	28.3	24.0	25.4	24.2	29.4	62.5	57.4			
G102.0	29.0	24.8	26.3	24.9	29.6	61.4	58.1			
G103.0	29.3	25.4	27.3	25.9	30.1	60.0	59.2			
G104.0	30.0	26.1	27.5	26.3	30.3	58.9	60.0			
G105.0	30.4	26.9	28.5	27.1	30.6	57.5	61.1			
G106.0	31.0	27.5	29.5	27.8	31.1	56.4	61.8			
G107.0	31.2	28.6	30.2	28.7	31.3	55.2	62.3			
G108.0	31.7	29.2	31.1	29.2	32.0	53.8	63.1			
G109.0	32.2	29.9	31.9	30.1	32.2	52.7	63.6			
G110.0	32.5	30.9	32.6	30.6	32.4	51.5	63.8			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

## Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	33.2	31.5	33.3	31.1	32.7	50.4	64.2			
G112.0	33.8	32.2	34.0	32.0	32.9	49.3	64.2			
G113.0	33.6	32.7	34.7	32.8	33.6	48.1	64.5			
G114.0	33.9	33.3	35.7	33.2	34.1	47.2	64.4			
G115.0	34.8	34.1	36.6	34.2	34.3	46.3	64.1			
G116.0	35.3	34.7	37.1	35.1	34.8	45.4	63.7			
G117.0	35.7	35.4	37.8	35.6	35.0	44.7	62.8			
G118.0	36.2	36.0	38.6	36.3	35.5	44.0	61.6			
G119.0	36.4	36.7	38.8	36.8	35.7	43.3	60.2			
G120.0	36.8	37.2	39.5	37.5	35.9	42.6	59.3			
G121.0	37.3	37.9	40.2	37.7	36.4	42.4	57.4			
G122.0	37.7	38.2	40.7	38.5	36.4	41.7	55.8			
G123.0	37.7	39.0	41.4	38.7	37.1	41.2	54.3			
G124.0	38.2	39.6	41.9	39.2	37.1	40.8	52.8			
G125.0	38.5	40.1	41.9	39.4	37.3	40.6	51.4			
G126.0	38.8	40.6	42.6	39.4	37.8	40.1	49.8			
G127.0	39.0	40.9	43.1	40.3	38.3	40.1	48.5			
G128.0	39.2	41.2	43.6	41.1	38.3	39.9	47.7			
G129.0	39.8	41.7	43.8	41.5	38.5	39.9	46.7			
G130.0	39.6	42.0	44.1	41.8	38.7	39.4	45.5			
G131.0	39.8	42.1	44.3	42.0	39.0	39.2	45.0			
G132.0	39.9	42.0	44.5	42.3	39.2	38.9	44.2			
G133.0	40.2	42.5	44.8	42.7	39.2	38.7	43.6			
G134.0	40.2	42.7	45.0	42.7	39.2	38.7	43.1			
G135.0	40.4	43.0	45.3	43.2	39.4	38.5	42.3			
G136.0	40.4	43.0	45.3	43.2	39.4	38.3	41.6			
G137.0	40.5	43.2	45.5	43.2	39.2	38.3	41.4			
G138.0	40.5	43.5	45.5	43.4	39.7	38.0	41.0			
G139.0	40.9	43.6	45.5	43.7	39.7	38.0	40.4			
G140.0	42.3	43.8	45.7	43.7	39.7	38.0	39.9			
G141.0	41.9	43.8	46.0	43.7	39.4	37.6	39.2			
G142.0	41.9	43.8	45.7	43.7	39.4	37.6	39.2			
G143.0	41.4	44.1	46.0	43.7	39.2	37.6	38.6			
G144.0	41.1	43.7	46.0	43.9	39.4	37.6	38.1			
G145.0	40.8	43.7	46.0	44.1	39.2	37.3	37.6			
G146.0	40.7	43.7	45.7	43.9	39.0	36.7	37.5			
G147.0	40.3	43.8	45.7	43.9	39.0	36.7	36.9			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

## Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	40.3	43.3	45.5	43.9	38.7	36.4	36.7			
G149.0	39.8	43.5	45.0	43.9	38.5	36.2	36.3			
G150.0	39.7	43.3	45.3	43.7	38.3	35.7	35.7			
G151.0	39.7	43.2	45.3	43.4	38.1	35.5	35.2			
G152.0	39.3	43.3	45.3	43.2	37.6	35.1	34.7			
G153.0	39.6	43.5	44.8	43.2	37.1	34.8	34.4			
G154.0	38.6	44.0	44.8	43.0	37.1	34.6	33.9			
G155.0	38.6	44.7	44.5	42.3	36.7	33.9	33.3			
G156.0	38.3	44.6	44.3	42.3	36.4	33.7	32.9			
G157.0	38.0	44.3	43.8	42.0	36.4	33.2	32.7			
G158.0	37.6	44.2	43.6	42.0	35.9	32.8	31.9			
G159.0	37.4	43.5	42.9	41.3	35.7	32.5	31.4			
G160.0	37.1	42.7	42.9	41.3	35.2	31.6	31.1			
G161.0	36.8	42.0	42.1	40.8	35.0	31.6	30.4			
G162.0	36.4	41.8	41.9	40.1	34.6	30.9	30.2			
G163.0	35.8	41.1	41.9	39.6	34.1	30.5	29.6			
G164.0	35.5	40.6	41.9	39.4	33.8	29.8	29.3			
G165.0	35.2	40.1	44.3	38.7	33.1	29.6	28.5			
G166.0	35.0	39.5	43.6	38.2	33.1	29.1	28.0			
G167.0	34.4	38.9	42.4	37.7	32.4	28.9	27.8			
G168.0	33.8	37.9	41.4	37.0	32.0	28.2	27.1			
G169.0	33.8	37.3	40.7	36.5	31.7	28.0	26.7			
G170.0	33.5	36.8	39.7	35.8	31.3	27.5	26.2			
G171.0	32.9	35.9	39.3	35.4	30.6	27.3	26.1			
G172.0	32.4	35.1	38.6	34.9	30.3	27.0	25.6			
G173.0	32.4	34.2	37.4	34.9	29.6	26.8	25.4			
G174.0	32.8	33.9	36.4	34.4	28.9	26.3	25.4			
G175.0	32.8	33.3	35.4	34.7	28.7	25.9	25.0			
G176.0	32.3	33.2	34.7	34.7	28.2	25.9	24.9			
G177.0	31.6	34.5	34.0	33.7	27.3	25.4	24.8			
G178.0	31.2	33.9	33.3	32.8	27.3	25.4	24.8			
G179.0	30.6	33.3	33.3	32.8	26.6	25.0	24.9			
G180.0	29.9	32.8	32.8	32.0	26.1	25.0	25.0			

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: