

Report No.:

Test Time: 2023/12/5 星期二 02:24

## Luminaire Property

Luminaire Manufacturer:

Voltage: 120.0 V

Power: 31.63 W

Current: 0.268 A

Power Factor: 0.984

## Photometric Results

IES Classification: Type III

Total Rated Lamp Lumens: 4284.1 lm

Efficiency: 100%

Upward Ratio: 6%

Central Intensity: 967.93 cd

Pos of Max. Intensity: H90 V40

Longitudinal Classification: Very Short

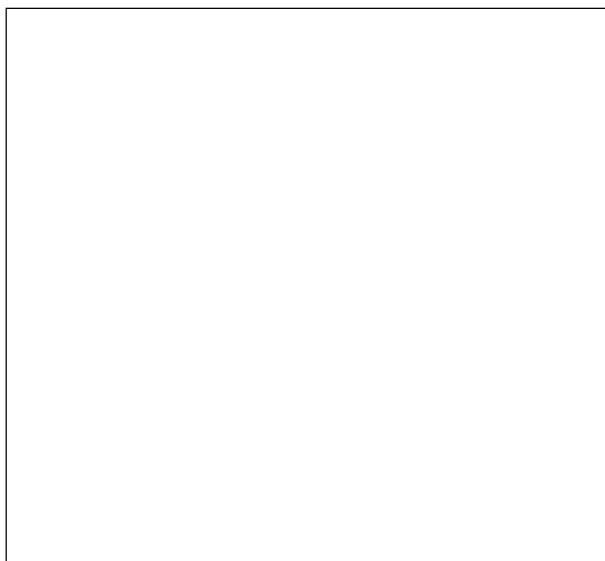
Measurement Flux: 4284.1 lm

Downward Ratio: 94%

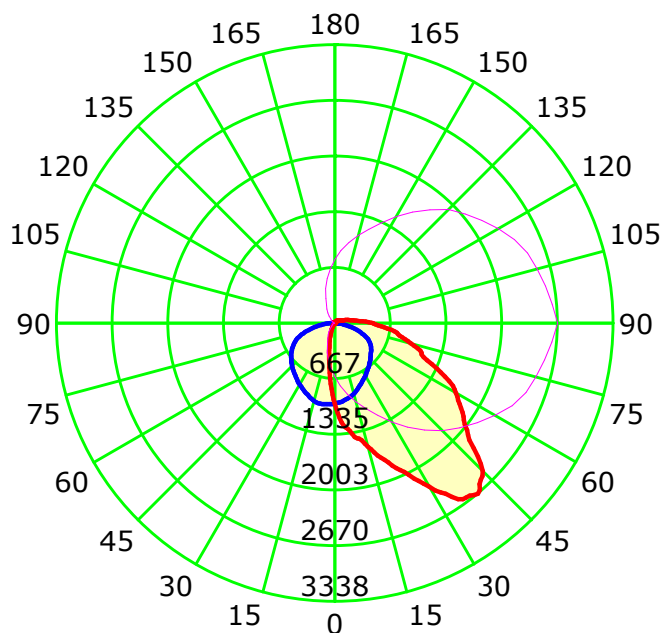
Luminaire Efficacy Rating (LER): 135.49

Max. Intensity: 2670.76 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



— 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

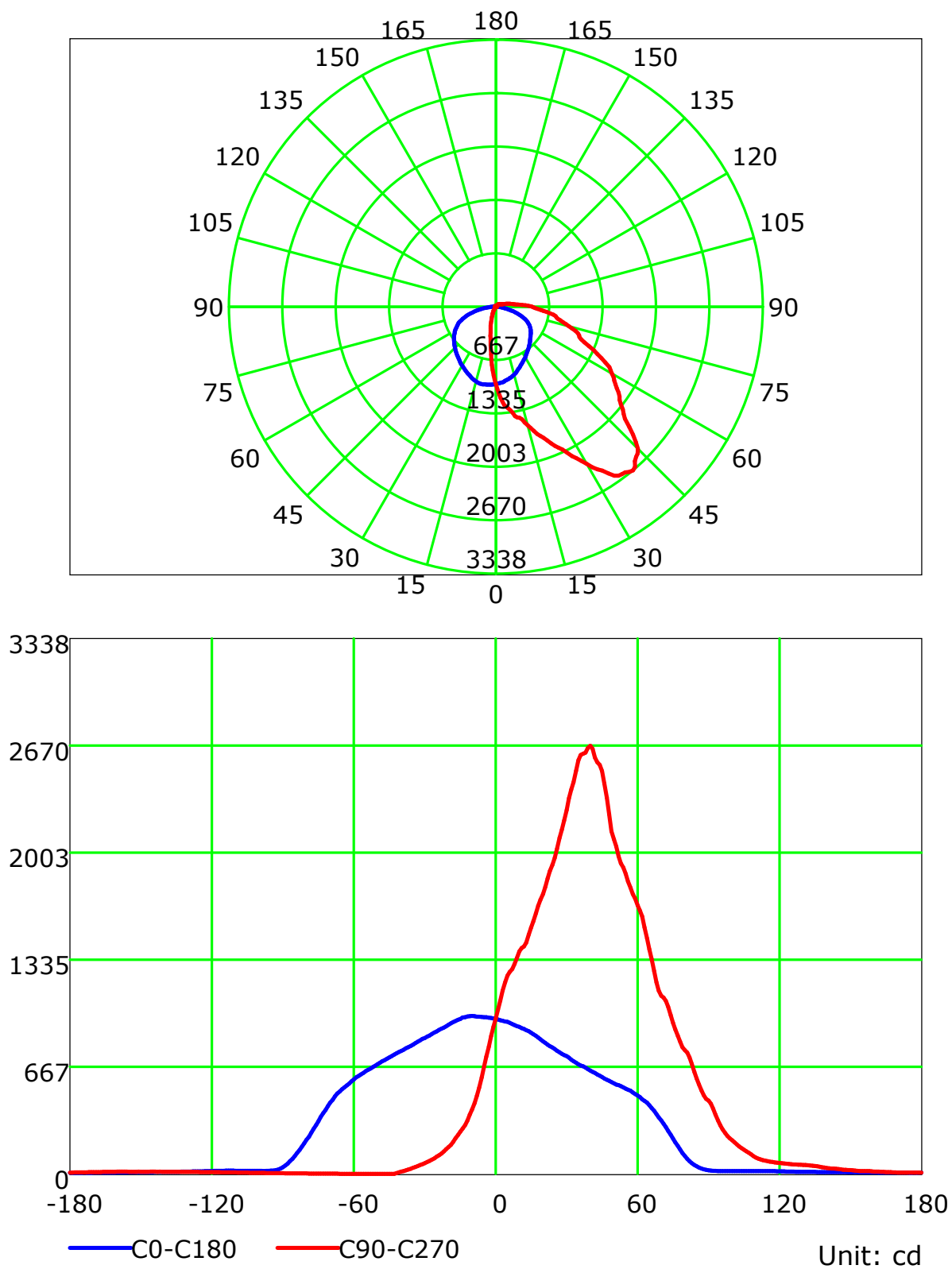
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

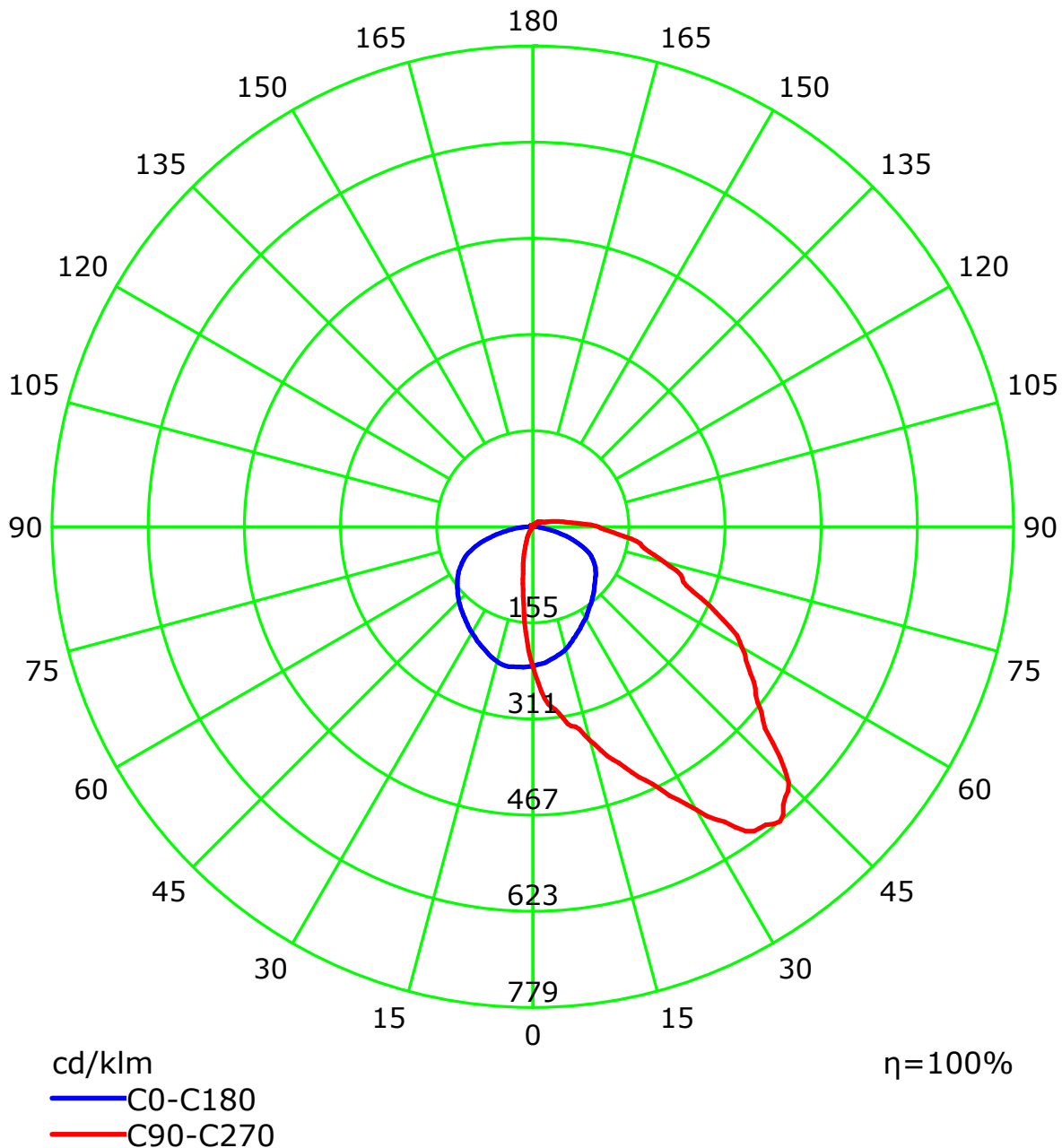
## Luminous Intensity Distribution Curve



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:

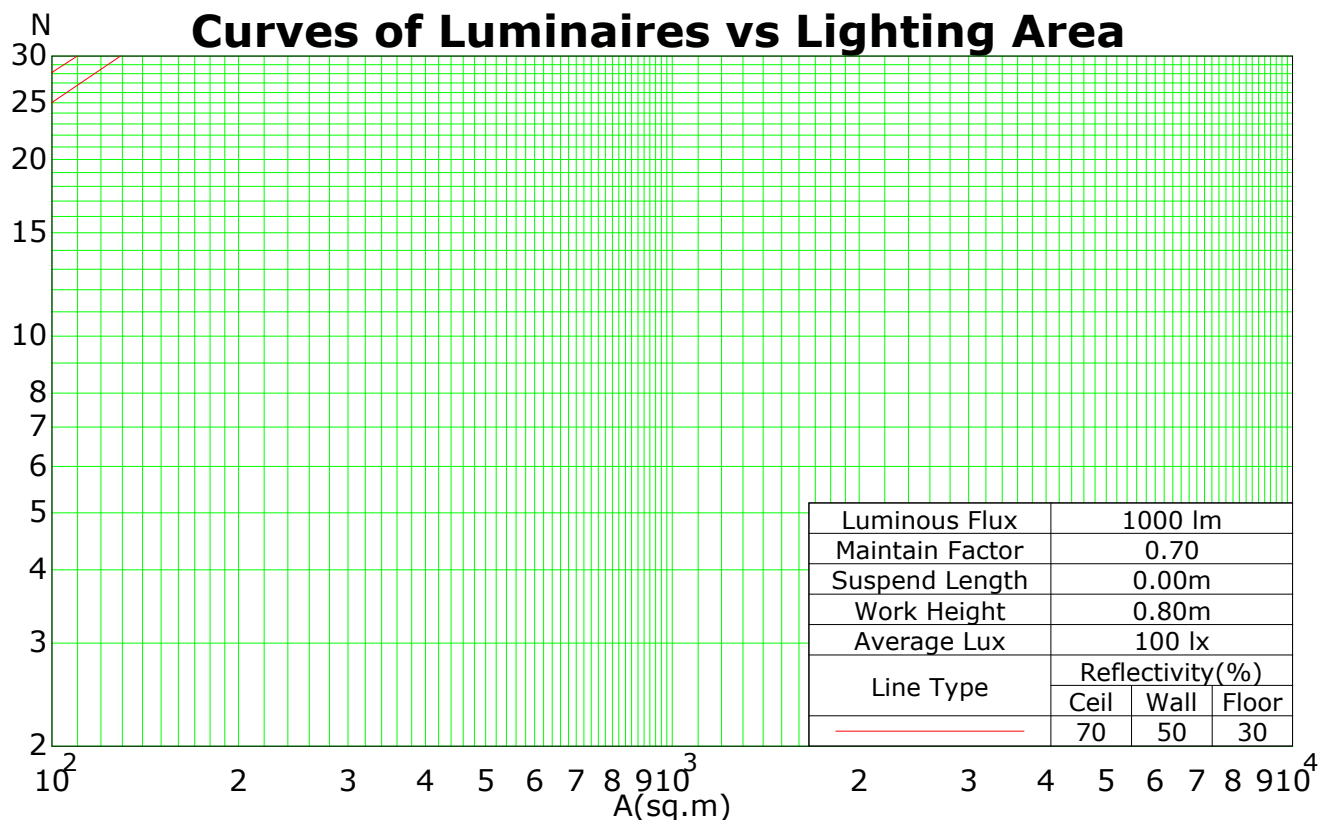
## Coefficients Of Utilization - Zonal Cavity Method

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	94	90	102	96	92	88	91	87	84	86	83	80	81	79	76	74
2	94	85	77	71	91	82	75	69	78	72	67	73	68	64	69	65	62	59
3	85	73	64	57	82	71	63	56	67	60	54	64	58	53	60	55	51	48
4	77	64	55	47	74	62	53	46	59	51	45	56	49	44	53	47	43	40
5	71	57	47	40	68	55	46	39	52	44	38	50	43	37	47	41	36	34
6	65	51	41	34	62	49	40	34	47	39	33	44	37	32	42	36	31	29
7	60	45	36	30	58	44	35	29	42	34	29	40	33	28	38	32	27	25
8	55	41	32	26	53	40	32	26	38	31	25	37	30	25	35	29	24	22
9	52	37	29	23	50	37	28	23	35	28	22	33	27	22	32	26	21	19
10	48	34	26	21	47	34	26	20	32	25	20	31	24	20	30	24	19	17

Spacing Criteria (0-180): 1.22

Spacing Criteria (90-270): 1.91

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

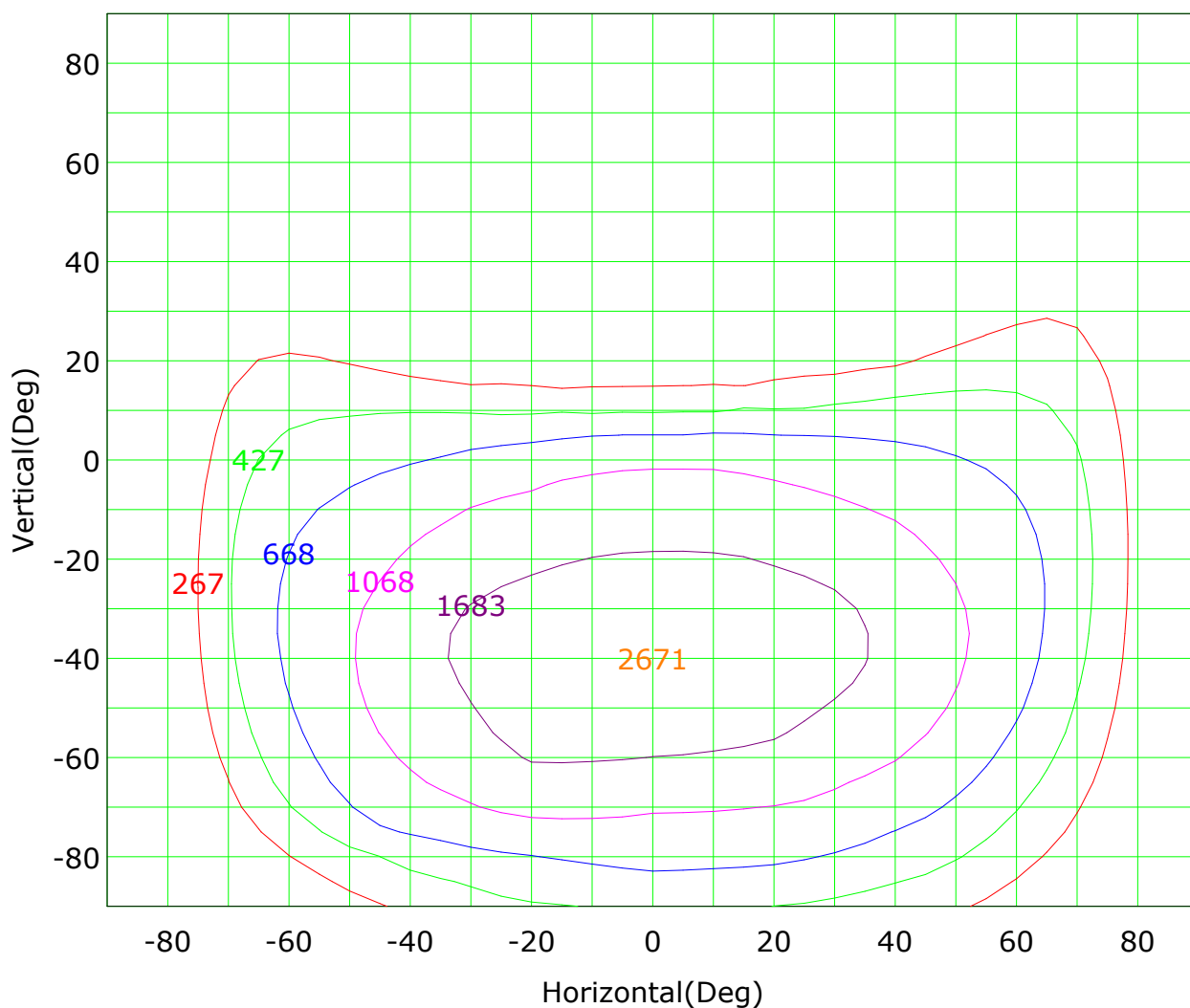
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

## Isocandela (rectangle)



Imax (100%): 2671 cd

( 10%): 267 cd	( 16%): 427 cd
( 25%): 668 cd	( 40%): 1068 cd
( 63%): 1683 cd	(100%): 2671 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

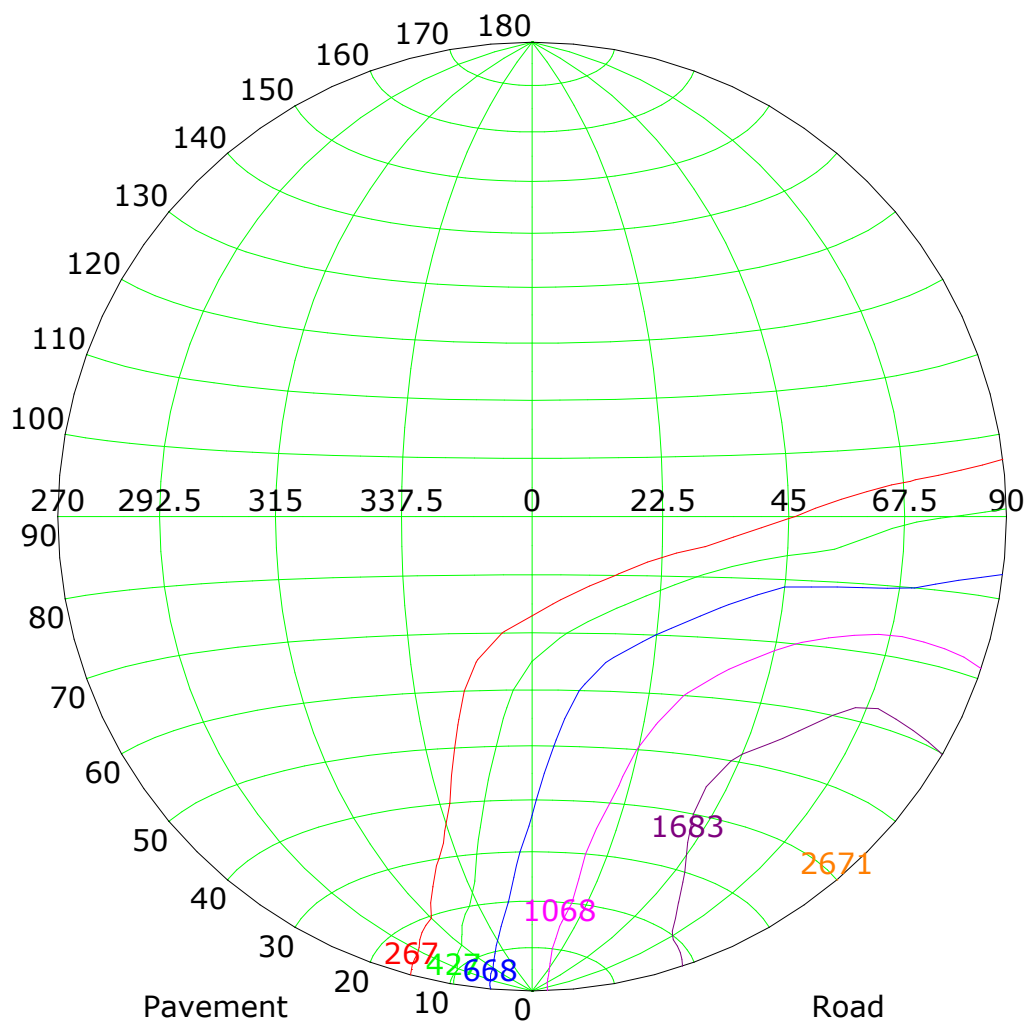
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

## Isocandela (sphere)



Imax (100%): 2671 cd

( 10%): 267 cd	( 16%): 427 cd
( 25%): 668 cd	( 40%): 1068 cd
( 63%): 1683 cd	(100%): 2671 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

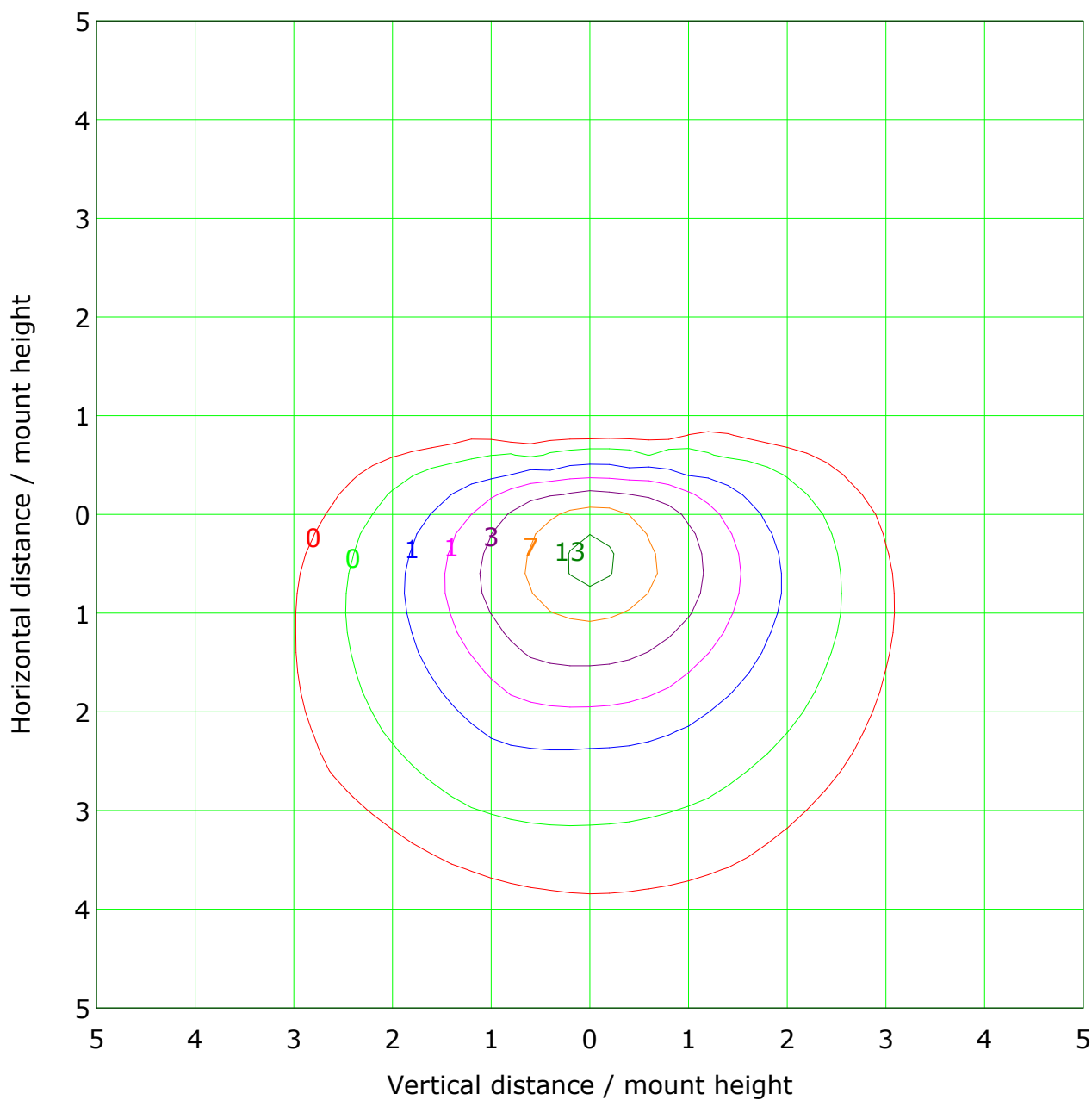
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 14.8 lx

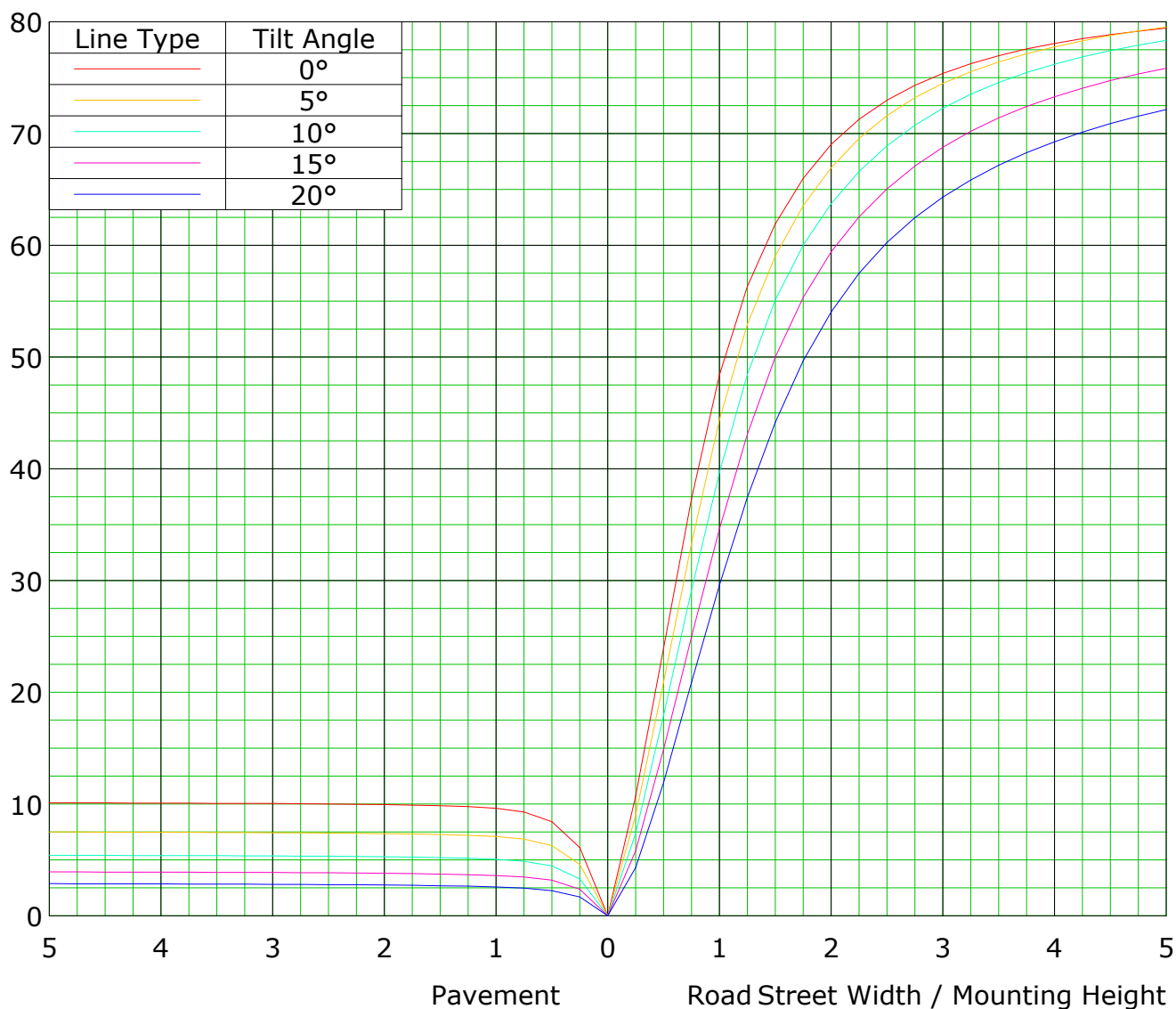
( 1%): 0.1 lx	( 2%): 0.3 lx
( 5%): 0.7 lx	( 10%): 1.5 lx
( 20%): 3.0 lx	( 50%): 7.4 lx
( 90%): 13.3 lx	(100%): 14.8 lx

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

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

## Roadway CU Curve

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:

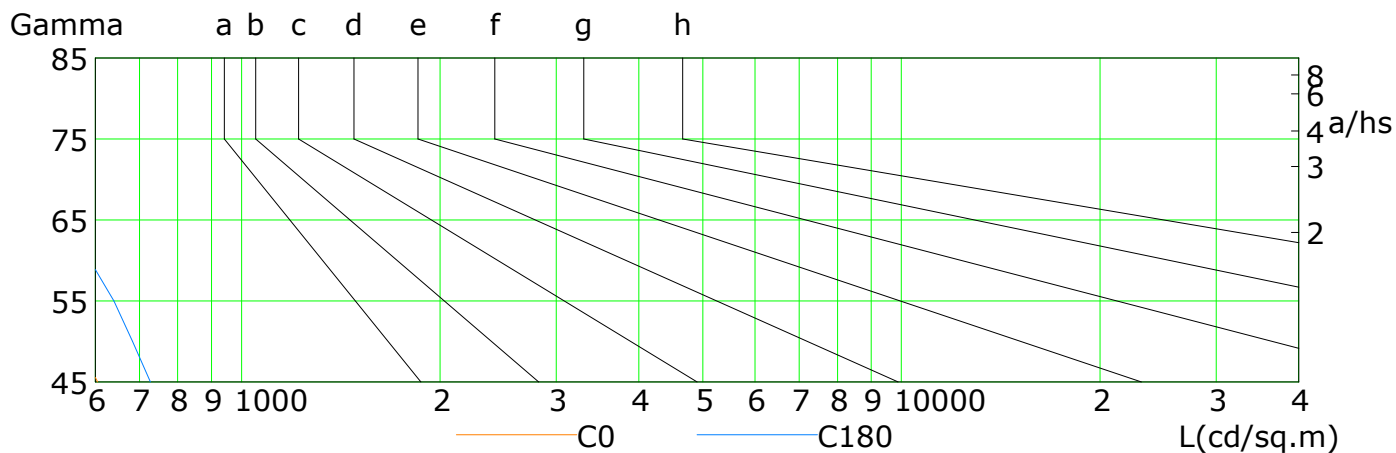
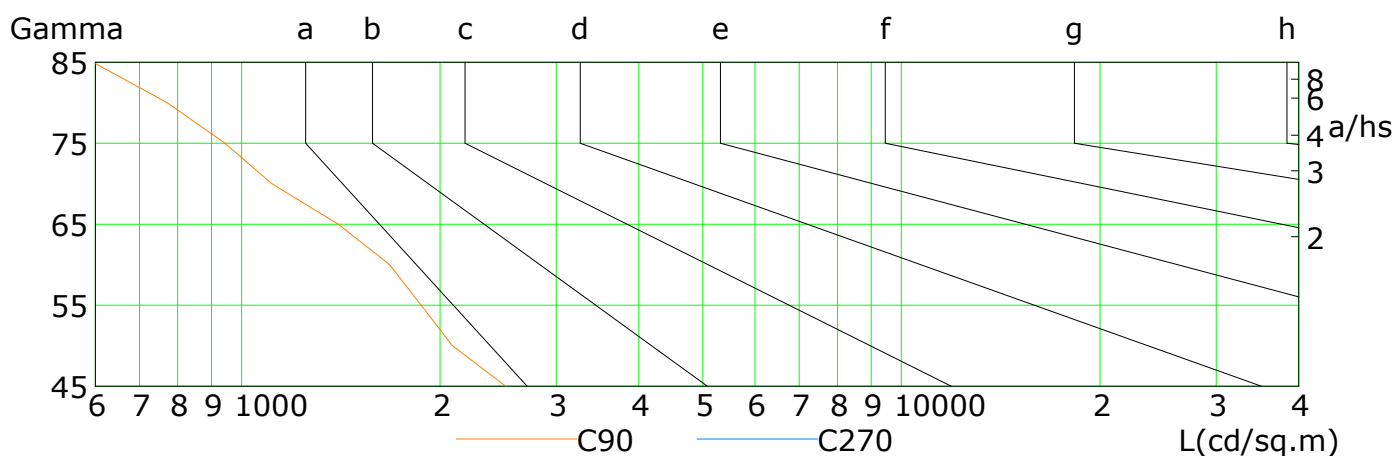
Inspector:



## 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

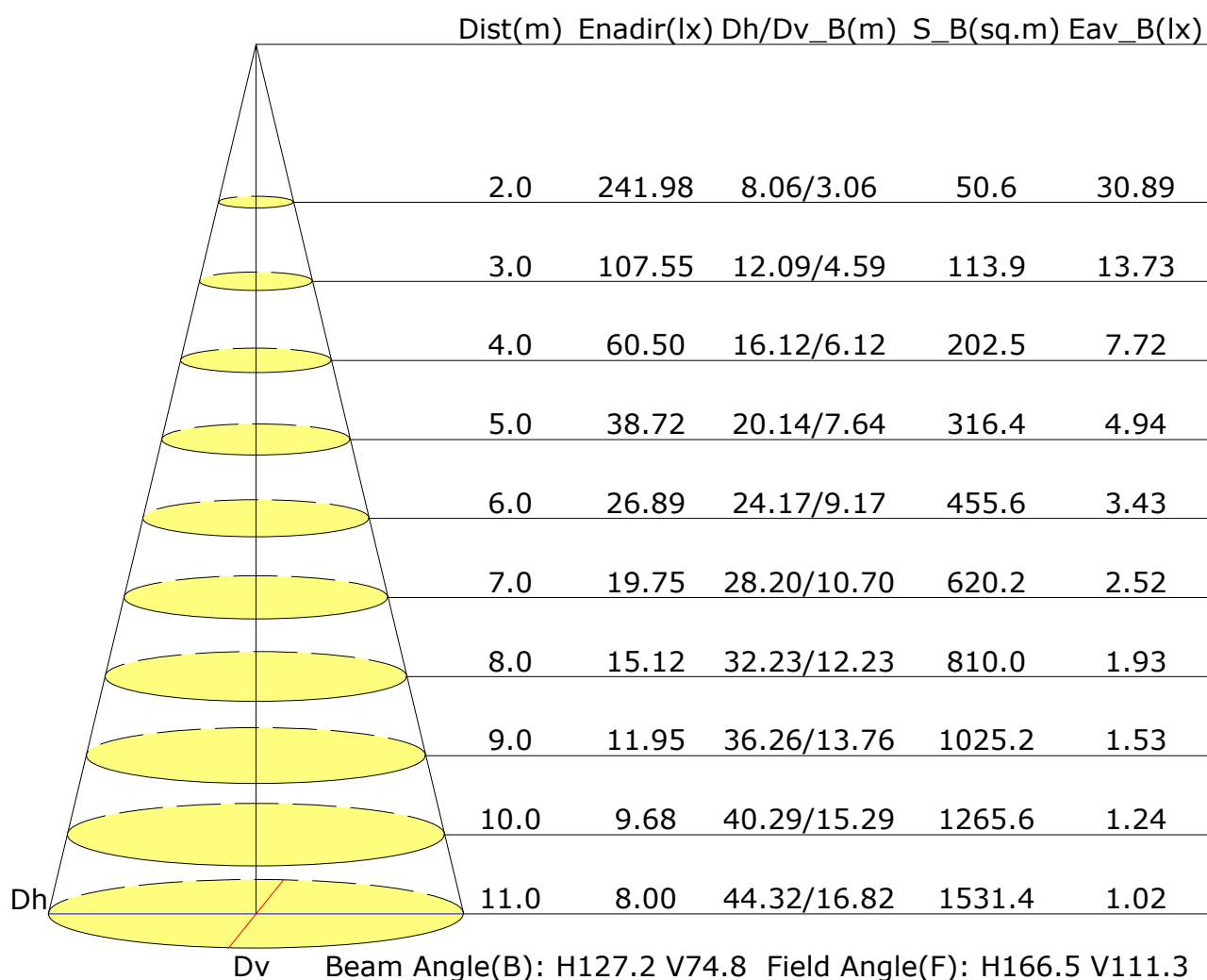


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	605	565	531	490	429	334	221	112	48
C90	2512	2086	1872	1676	1402	1111	943	771	596
C180	728	684	641	589	528	445	329	213	112
C270	1	1	1	1	2	2	3	3	4

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

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

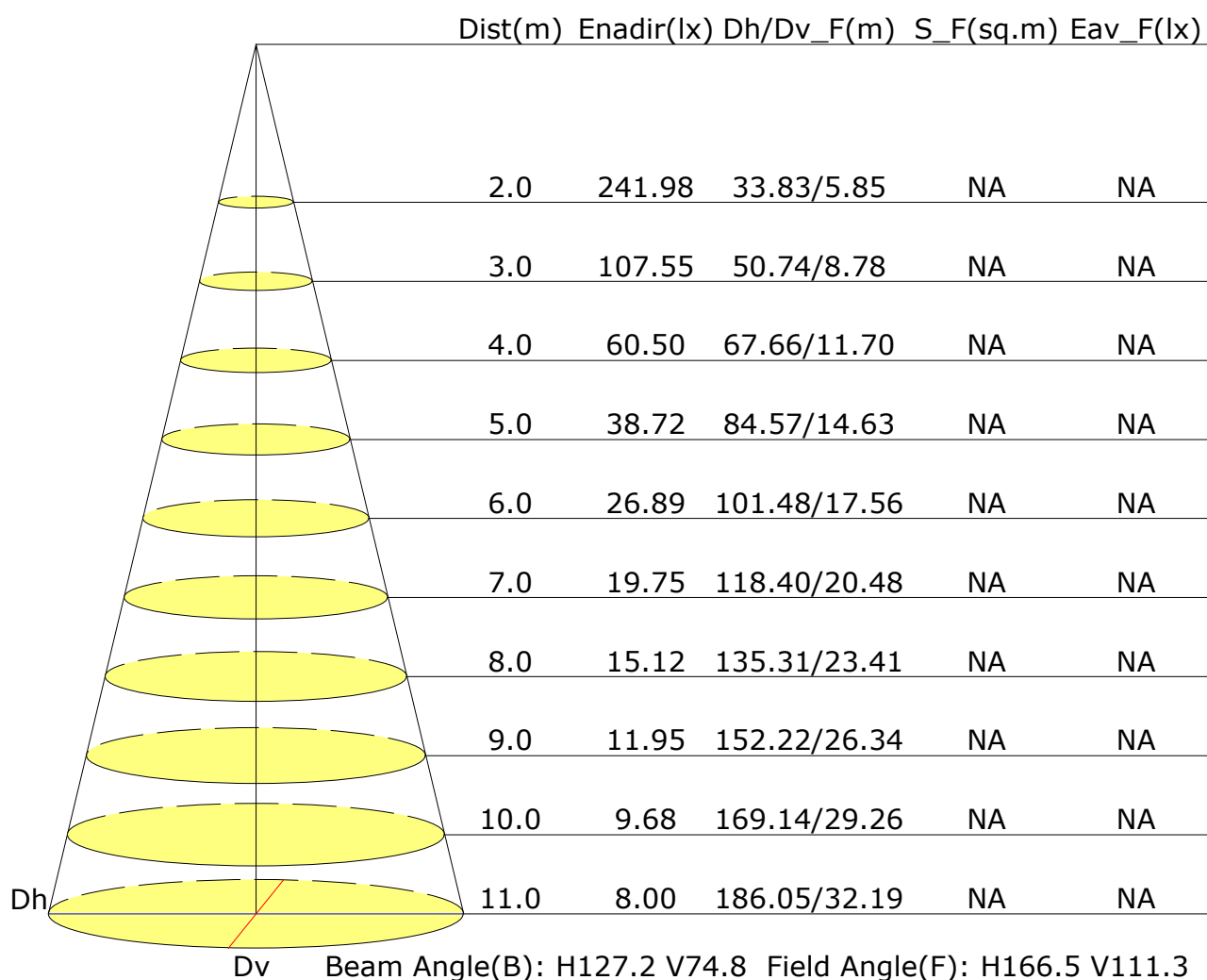
## Illuminance at a Distance(Beam Angle)



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:

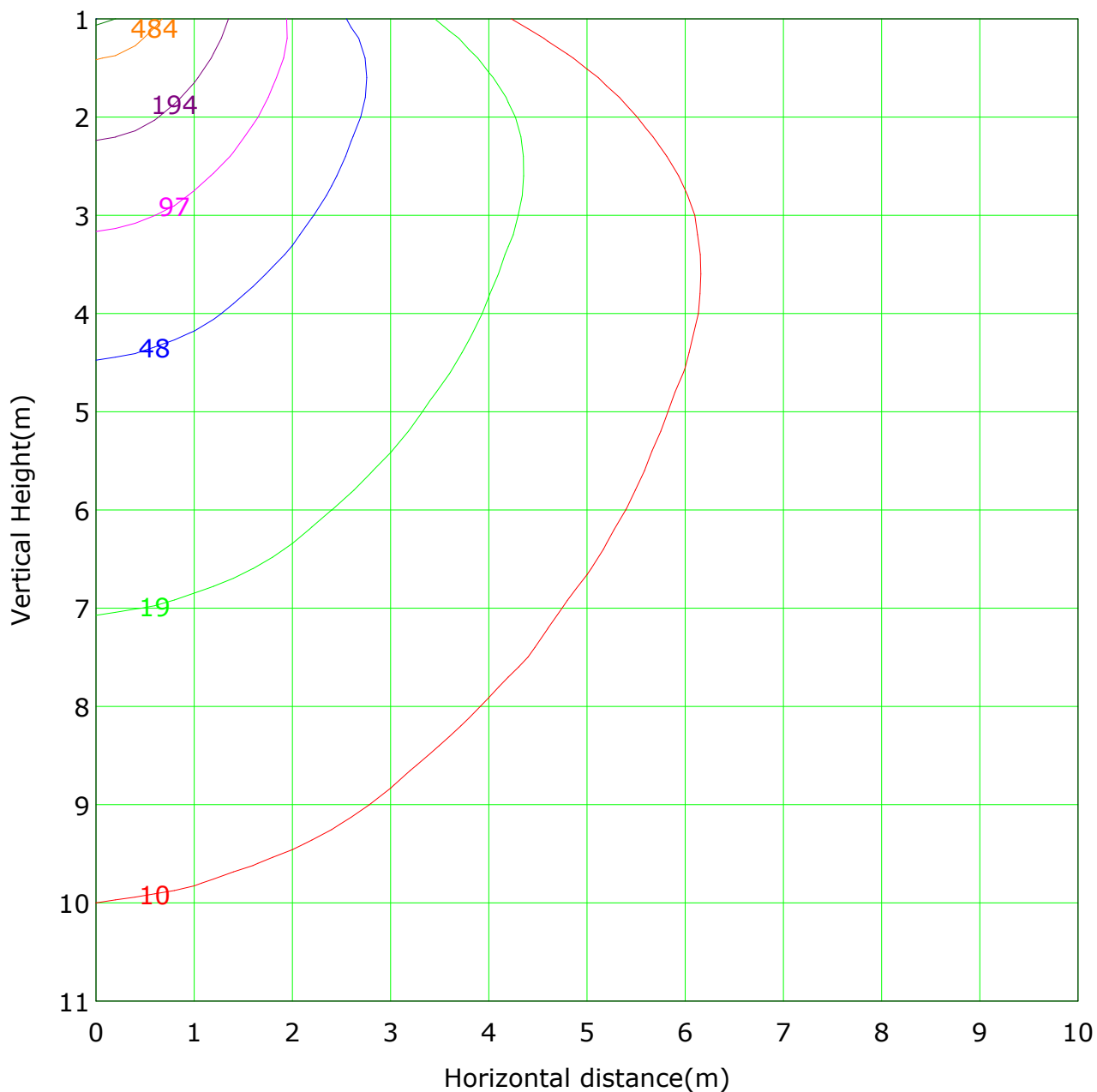
## Illuminance at a Distance(Field Angle)



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: 967.9 lx

— ( 1%): 9.7 lx	— ( 2%): 19.4 lx
— ( 5%): 48.4 lx	— ( 10%): 96.8 lx
— ( 20%): 193.6 lx	— ( 50%): 484.0 lx
— ( 90%): 871.1 lx	— (100%): 967.9 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

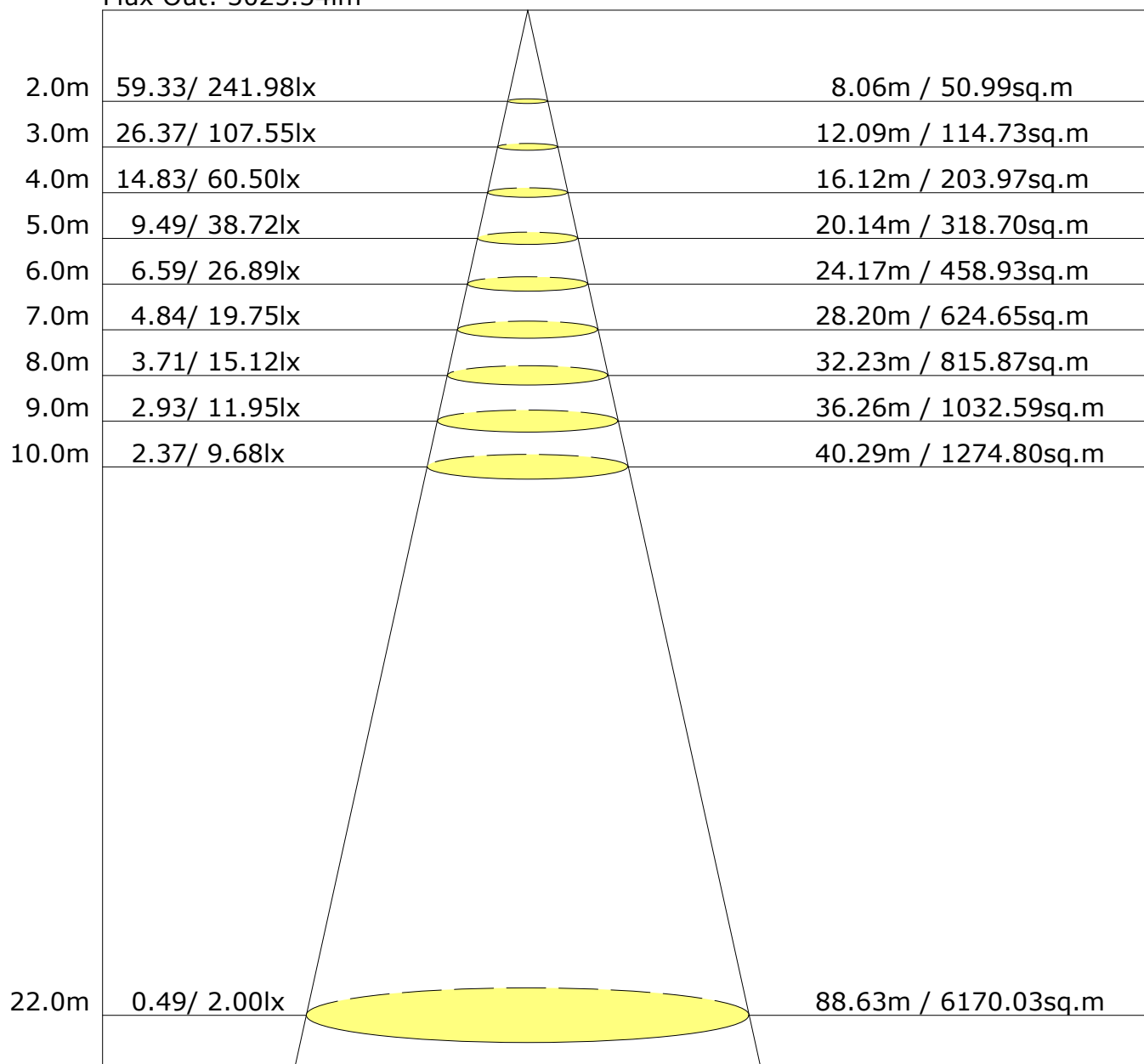
Vertical plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
Flux(T)	0.1	0.3	0.4	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.1	3.5
Flux(E)	0.0	18.7	70.0	133.8	205.8	286.7	365.2	427.4	460.0	460.9	427.7	359.2	272.9	188.7	116.1	55.6	8.3	0.0	3857
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	0.1	0.3	0.4	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.1	3.5
	0.1	0.4	0.5	0.5	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.2	0.1	3.9
	0.2	0.6	0.7	0.7	0.4	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.3	0.5	0.5	0.3	0.1	5.1
	0.2	0.8	1.1	1.1	0.8	0.3	0.1	0.0	0.0	0.0	0.1	0.2	0.5	0.7	0.7	0.5	0.1	7.3	0.0
	0.2	1.1	1.7	1.6	1.4	0.6	0.4	0.1	0.1	0.1	0.1	0.2	0.4	1.1	1.1	1.2	0.7	0.1	12.3
	0.3	1.5	2.7	2.6	2.5	1.9	1.3	1.3	1.3	1.2	1.1	1.1	1.5	1.9	2.0	1.9	0.9	0.1	27.0
	0.3	1.8	3.8	4.7	4.4	4.3	3.6	3.4	3.5	3.4	3.2	3.2	3.6	3.5	3.7	2.9	1.2	0.1	54.7
	0.4	2.2	5.0	7.2	8.4	8.5	8.5	8.4	8.3	8.2	7.8	7.6	7.3	6.9	5.9	3.9	1.5	0.2	106.0
	0.4	2.5	6.2	9.9	13.2	16.1	18.3	20.2	20.6	20.3	18.6	16.1	13.7	11.0	8.2	5.0	1.7	0.2	202.3
	0.4	2.8	7.3	12.5	18.0	23.6	28.9	33.7	36.2	35.8	32.1	26.7	21.0	15.4	10.6	6.0	2.0	0.2	313.2
	0.4	2.9	8.1	14.8	22.3	30.2	37.9	43.9	46.7	46.4	42.3	36.3	28.0	19.8	12.9	6.8	2.2	0.2	402.0
	0.4	2.9	8.5	16.5	25.8	37.6	48.1	56.1	60.0	59.4	54.4	45.7	34.9	23.4	14.6	7.3	2.2	0.2	498.2
	0.4	2.8	8.4	17.2	27.9	42.3	56.3	68.0	74.6	74.3	67.2	54.4	40.0	25.8	15.4	7.4	2.2	0.2	584.6
	0.4	2.6	7.7	16.1	26.8	40.1	52.9	64.6	72.0	72.5	66.2	53.3	39.0	25.5	15.0	6.8	2.0	0.2	563.7
	0.3	2.3	6.6	13.7	23.3	34.1	44.4	52.3	56.0	57.2	55.9	47.3	34.7	23.1	13.2	6.0	1.8	0.2	472.4
	0.3	1.9	5.3	10.8	18.0	25.8	33.6	39.4	42.1	43.5	43.6	38.0	28.0	18.9	10.9	4.8	1.5	0.2	366.6
	0.3	1.5	4.0	7.9	13.0	18.3	23.4	26.9	28.5	28.6	26.9	23.1	18.4	13.2	7.4	3.4	1.1	0.2	246.0
	0.2	1.1	2.8	5.4	8.6	11.9	15.0	17.0	18.1	17.8	16.1	13.7	10.4	7.2	4.4	2.2	0.8	0.1	153.1
	5.3	32.2	80.9	143.6	215.3	295.8	373.1	435.5	468.4	469.1	435.8	367.2	281.4	197.9	126.9	67.5	22.9	2.8	4022
	0.0	18.7	70.0	133.8	205.8	286.7	365.2	427.4	460.0	460.9	427.7	359.2	272.9	188.7	116.1	55.6	8.3	0.0	3857

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

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

## The Average Illuminance Effective Figure

Flux Out: 3025.54lm



Height      Avg./Nadir. E      Beam Angle:127.2°      Diameter / 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:

## 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  $4284\text{lm}$  ( $8\log(F/F_0) = 5.1$ ).

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

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

# FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

ZONE		LUMENS	% LAMP LUMENS
FORWARD LIGHT		3600	84.0
FL ( 0°-30°)		597	13.9
FM (30°-60°)		1857	43.3
FH (60°-80°)		934	21.8
FVH (80°-90°)		212	5.0
BACK LIGHT		422	9.8
BL ( 0°-30°)		167	3.9
BM (30°-60°)		171	4.0
BH (60°-80°)		71	1.6
BVH (80°-90°)		12	0.3
UP LIGHT		262	6.1
UL (90°-100°)		110	2.6
UH (100°-180°)		152	3.6
TRAPPED LIGHT		NA	NA

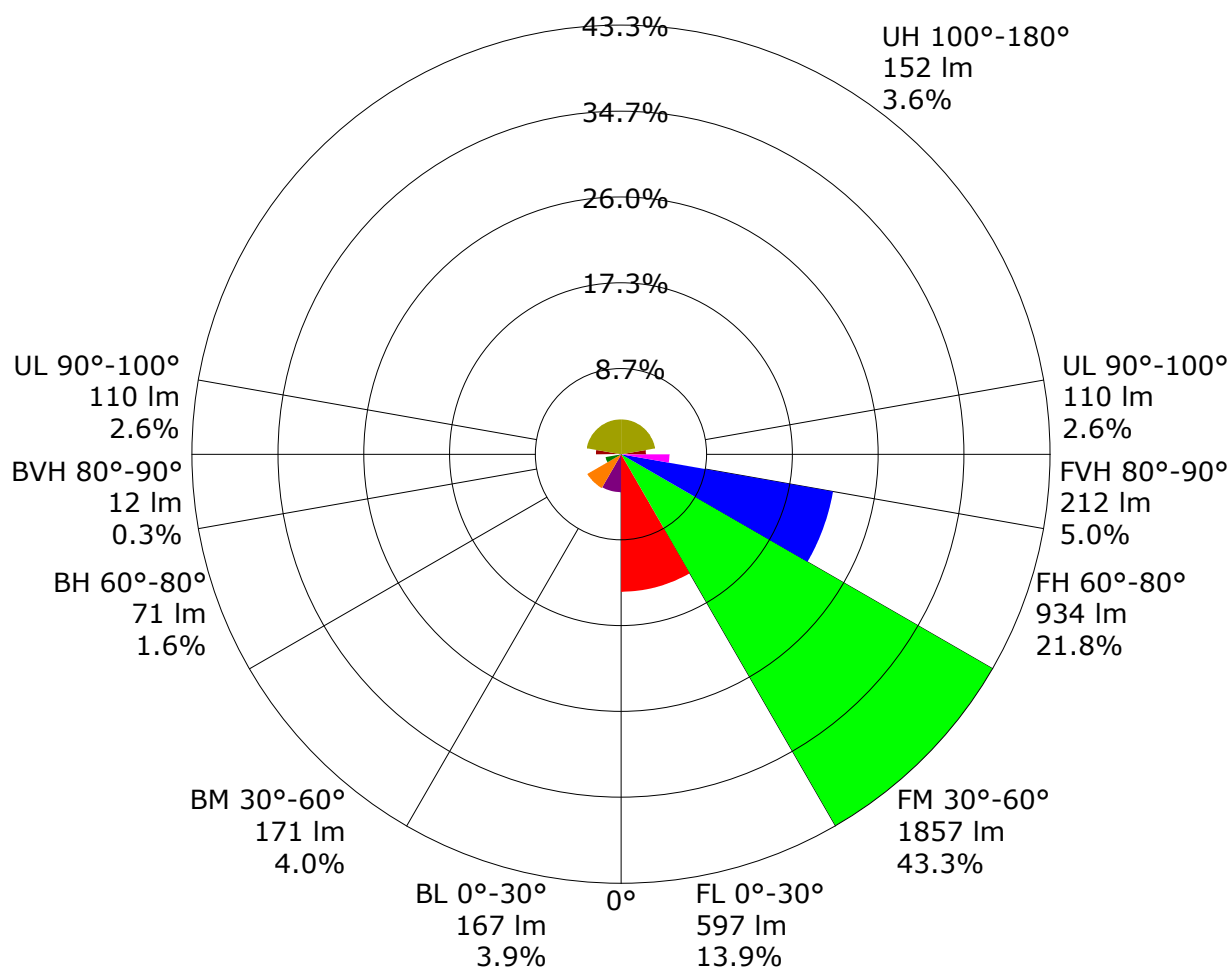
BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U5 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U5 G1

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
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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 = 1.50									
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	0.51	0.59	0.67	0.73	0.81	0.86	0.90	0.95	0.98	
	0.30		0.42	0.51	0.59	0.65	0.73	0.79	0.84	0.90	0.94	
	0.20		0.36	0.44	0.53	0.59	0.68	0.74	0.79	0.85	0.90	
0.50	0.50	0.20	0.49	0.57	0.64	0.69	0.76	0.81	0.85	0.90	0.93	
	0.30		0.41	0.49	0.57	0.63	0.70	0.76	0.80	0.86	0.89	
	0.20		0.36	0.44	0.51	0.57	0.65	0.71	0.76	0.82	0.86	
0.30	0.50	0.20	0.46	0.54	0.61	0.66	0.73	0.77	0.80	0.85	0.88	
	0.30		0.40	0.47	0.55	0.60	0.68	0.73	0.76	0.82	0.85	
	0.20		0.35	0.42	0.50	0.55	0.63	0.69	0.73	0.78	0.82	
0.00	0.00	0.00	0.32	0.39	0.46	0.51	0.59	0.64	0.68	0.73	0.76	
Rating:32W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

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

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

## Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.50									
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	1.06	0.91	0.78	0.68	0.56	0.47	0.41	0.32	0.26	
	0.30		0.88	0.78	0.68	0.61	0.50	0.43	0.38	0.30	0.25	
	0.20		0.76	0.68	0.60	0.54	0.46	0.40	0.35	0.29	0.24	
0.50	0.50	0.20	1.01	0.87	0.74	0.65	0.53	0.47	0.38	0.30	0.25	
	0.30		0.85	0.75	0.65	0.58	0.48	0.41	0.36	0.29	0.24	
	0.20		0.74	0.66	0.59	0.53	0.44	0.38	0.34	0.27	0.23	
0.30	0.50	0.20	0.97	0.82	0.70	0.62	0.50	0.42	0.37	0.29	0.24	
	0.30		0.83	0.73	0.63	0.56	0.46	0.40	0.34	0.28	0.23	
	0.20		0.72	0.65	0.57	0.51	0.43	0.37	0.33	0.26	0.22	
0.00	0.00	0.00	0.62	0.55	0.48	0.43	0.36	0.30	0.27	0.21	0.18	
Rating:32W 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 = 1.50									
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	0.23	0.24	0.25	0.26	0.26	0.27	0.27	0.28	0.28	
	0.30		0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.25	
	0.20		0.10	0.12	0.13	0.14	0.16	0.18	0.19	0.21	0.22	
0.50	0.50	0.20	0.22	0.23	0.24	0.25	0.25	0.26	0.26	0.27	0.27	
	0.30		0.15	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.24	
	0.20		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.21	
0.30	0.50	0.20	0.21	0.23	0.23	0.24	0.24	0.25	0.25	0.25	0.26	
	0.30		0.15	0.16	0.17	0.18	0.20	0.21	0.21	0.22	0.23	
	0.20		0.10	0.11	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:32W 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	968.4	0.9	0.9	0.02	0.02
1.0-2.0	968.9	2.8	3.7	0.06	0.09
2.0-3.0	968.7	4.6	8.3	0.11	0.19
3.0-4.0	967.2	6.5	14.8	0.15	0.35
4.0-5.0	963.4	8.3	23.1	0.19	0.54
5.0-6.0	956.4	10.1	33.2	0.23	0.77
6.0-7.0	945.5	11.7	44.9	0.27	1.05
7.0-8.0	933.6	13.4	58.3	0.31	1.36
8.0-9.0	923.8	15.0	73.2	0.35	1.71
9.0-10.0	916.9	16.6	89.8	0.39	2.10
10.0-11.0	911.7	18.2	108.0	0.43	2.52
11.0-12.0	906.4	19.8	127.9	0.46	2.98
12.0-13.0	900.0	21.4	149.2	0.50	3.48
13.0-14.0	894.6	22.9	172.1	0.53	4.02
14.0-15.0	891.6	24.5	196.6	0.57	4.59
15.0-16.0	889.8	26.1	222.7	0.61	5.20
16.0-17.0	888.6	27.7	250.4	0.65	5.84
17.0-18.0	888.0	29.3	279.6	0.68	6.53
18.0-19.0	888.0	30.9	310.5	0.72	7.25
19.0-20.0	888.5	32.5	343.1	0.76	8.01
20.0-21.0	889.6	34.2	377.2	0.80	8.81
21.0-22.0	891.6	35.8	413.1	0.84	9.64
22.0-23.0	895.5	37.6	450.6	0.88	10.52
23.0-24.0	900.9	39.4	490.0	0.92	11.44
24.0-25.0	906.0	41.2	531.2	0.96	12.40
25.0-26.0	910.5	43.0	574.2	1.00	13.40
26.0-27.0	915.6	44.8	619.0	1.05	14.45
27.0-28.0	921.2	46.6	665.7	1.09	15.54
28.0-29.0	927.0	48.5	714.2	1.13	16.67
29.0-30.0	933.5	50.4	764.6	1.18	17.85
30.0-31.0	940.8	52.4	816.9	1.22	19.07
31.0-32.0	948.7	54.4	871.3	1.27	20.34
32.0-33.0	956.6	56.4	927.7	1.32	21.65
33.0-34.0	964.2	58.4	986.0	1.36	23.02
34.0-35.0	971.7	60.4	1046.4	1.41	24.42
35.0-36.0	978.3	62.3	1108.7	1.45	25.88

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	981.7	64.0	1172.7	1.49	27.37
37.0-38.0	982.2	65.6	1238.3	1.53	28.90
38.0-39.0	982.4	67.1	1305.3	1.57	30.47
39.0-40.0	983.4	68.6	1373.9	1.60	32.07
40.0-41.0	982.6	70.0	1443.9	1.63	33.70
41.0-42.0	977.4	71.0	1514.9	1.66	35.36
42.0-43.0	969.2	71.8	1586.7	1.68	37.04
43.0-44.0	960.2	72.5	1659.2	1.69	38.73
44.0-45.0	950.1	73.0	1732.2	1.70	40.43
45.0-46.0	937.1	73.3	1805.5	1.71	42.15
46.0-47.0	921.1	73.3	1878.8	1.71	43.86
47.0-48.0	903.2	73.0	1951.8	1.70	45.56
48.0-49.0	883.6	72.6	2024.4	1.69	47.25
49.0-50.0	864.1	72.1	2096.5	1.68	48.94
50.0-51.0	846.1	71.6	2168.1	1.67	50.61
51.0-52.0	829.3	71.2	2239.2	1.66	52.27
52.0-53.0	813.8	70.8	2310.0	1.65	53.92
53.0-54.0	798.9	70.4	2380.5	1.64	55.56
54.0-55.0	784.4	70.0	2450.5	1.63	57.20
55.0-56.0	769.9	69.6	2520.1	1.62	58.82
56.0-57.0	755.9	69.1	2589.2	1.61	60.44
57.0-58.0	741.7	68.6	2657.8	1.60	62.04
58.0-59.0	726.4	67.9	2725.7	1.59	63.62
59.0-60.0	710.1	67.1	2792.8	1.57	65.19
60.0-61.0	693.1	66.1	2859.0	1.54	66.73
61.0-62.0	676.0	65.1	2924.1	1.52	68.25
62.0-63.0	658.2	64.0	2988.1	1.49	69.75
63.0-64.0	638.8	62.7	3050.8	1.46	71.21
64.0-65.0	617.6	61.1	3112.0	1.43	72.64
65.0-66.0	595.7	59.4	3171.4	1.39	74.03
66.0-67.0	572.8	57.6	3229.0	1.34	75.37
67.0-68.0	548.6	55.6	3284.6	1.30	76.67
68.0-69.0	524.3	53.5	3338.1	1.25	77.92
69.0-70.0	501.8	51.5	3389.6	1.20	79.12
70.0-71.0	481.6	49.8	3439.4	1.16	80.28
71.0-72.0	462.2	48.1	3487.5	1.12	81.40

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	441.7	46.2	3533.7	1.08	82.48
73.0-74.0	419.6	44.1	3577.8	1.03	83.51
74.0-75.0	397.2	42.0	3619.8	0.98	84.49
75.0-76.0	375.2	39.8	3659.6	0.93	85.42
76.0-77.0	353.2	37.7	3697.3	0.88	86.30
77.0-78.0	330.8	35.4	3732.7	0.83	87.13
78.0-79.0	309.6	33.3	3765.9	0.78	87.90
79.0-80.0	291.4	31.4	3797.4	0.73	88.64
80.0-81.0	275.9	29.8	3827.2	0.70	89.33
81.0-82.0	260.7	28.3	3855.5	0.66	89.99
82.0-83.0	244.3	26.6	3882.0	0.62	90.61
83.0-84.0	226.9	24.7	3906.8	0.58	91.19
84.0-85.0	210.3	23.0	3929.7	0.54	91.73
85.0-86.0	194.7	21.3	3951.0	0.50	92.22
86.0-87.0	179.5	19.6	3970.7	0.46	92.68
87.0-88.0	166.1	18.2	3988.8	0.42	93.11
88.0-89.0	155.6	17.1	4005.9	0.40	93.51
89.0-90.0	147.2	16.1	4022.1	0.38	93.88
90.0-91.0	139.2	15.3	4037.3	0.36	94.24
91.0-92.0	130.4	14.3	4051.6	0.33	94.57
92.0-93.0	120.8	13.2	4064.9	0.31	94.88
93.0-94.0	110.9	12.1	4077.0	0.28	95.17
94.0-95.0	101.7	11.1	4088.1	0.26	95.42
95.0-96.0	93.5	10.2	4098.3	0.24	95.66
96.0-97.0	86.2	9.4	4107.7	0.22	95.88
97.0-98.0	79.9	8.7	4116.4	0.20	96.09
98.0-99.0	74.5	8.1	4124.5	0.19	96.27
99.0-100.0	69.7	7.5	4132.0	0.18	96.45
100.0-101.0	65.7	7.1	4139.1	0.17	96.62
101.0-102.0	62.2	6.7	4145.8	0.16	96.77
102.0-103.0	59.0	6.3	4152.1	0.15	96.92
103.0-104.0	55.8	5.9	4158.0	0.14	97.06
104.0-105.0	52.6	5.6	4163.6	0.13	97.19
105.0-106.0	49.7	5.2	4168.9	0.12	97.31
106.0-107.0	46.9	4.9	4173.8	0.12	97.43
107.0-108.0	44.4	4.6	4178.5	0.11	97.53

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	42.1	4.4	4182.8	0.10	97.64
109.0-110.0	40.1	4.1	4187.0	0.10	97.73
110.0-111.0	38.3	3.9	4190.9	0.09	97.82
111.0-112.0	36.8	3.8	4194.7	0.09	97.91
112.0-113.0	35.4	3.6	4198.3	0.08	98.00
113.0-114.0	34.3	3.5	4201.7	0.08	98.08
114.0-115.0	33.3	3.3	4205.0	0.08	98.15
115.0-116.0	32.4	3.2	4208.2	0.07	98.23
116.0-117.0	31.7	3.1	4211.3	0.07	98.30
117.0-118.0	31.0	3.0	4214.4	0.07	98.37
118.0-119.0	30.3	2.9	4217.3	0.07	98.44
119.0-120.0	29.7	2.8	4220.1	0.07	98.51
120.0-121.0	29.1	2.8	4222.9	0.06	98.57
121.0-122.0	28.6	2.7	4225.5	0.06	98.63
122.0-123.0	28.1	2.6	4228.1	0.06	98.69
123.0-124.0	27.6	2.5	4230.7	0.06	98.75
124.0-125.0	27.2	2.5	4233.1	0.06	98.81
125.0-126.0	26.8	2.4	4235.5	0.06	98.87
126.0-127.0	26.4	2.3	4237.8	0.05	98.92
127.0-128.0	26.1	2.3	4240.1	0.05	98.97
128.0-129.0	25.7	2.2	4242.3	0.05	99.02
129.0-130.0	25.3	2.1	4244.4	0.05	99.07
130.0-131.0	24.9	2.1	4246.5	0.05	99.12
131.0-132.0	24.5	2.0	4248.5	0.05	99.17
132.0-133.0	24.2	2.0	4250.5	0.05	99.22
133.0-134.0	23.8	1.9	4252.4	0.04	99.26
134.0-135.0	23.3	1.8	4254.2	0.04	99.30
135.0-136.0	22.8	1.8	4256.0	0.04	99.34
136.0-137.0	22.2	1.7	4257.6	0.04	99.38
137.0-138.0	21.6	1.6	4259.2	0.04	99.42
138.0-139.0	21.0	1.5	4260.8	0.04	99.46
139.0-140.0	20.4	1.5	4262.2	0.03	99.49
140.0-141.0	19.9	1.4	4263.6	0.03	99.52
141.0-142.0	19.5	1.3	4264.9	0.03	99.55
142.0-143.0	19.1	1.3	4266.2	0.03	99.58
143.0-144.0	18.8	1.2	4267.4	0.03	99.61

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	18.3	1.2	4268.6	0.03	99.64
145.0-146.0	17.8	1.1	4269.7	0.03	99.66
146.0-147.0	17.3	1.0	4270.8	0.02	99.69
147.0-148.0	16.9	1.0	4271.8	0.02	99.71
148.0-149.0	16.5	0.9	4272.7	0.02	99.73
149.0-150.0	16.1	0.9	4273.6	0.02	99.75
150.0-151.0	15.7	0.8	4274.5	0.02	99.77
151.0-152.0	15.3	0.8	4275.3	0.02	99.79
152.0-153.0	14.9	0.8	4276.0	0.02	99.81
153.0-154.0	14.5	0.7	4276.7	0.02	99.83
154.0-155.0	14.1	0.7	4277.4	0.02	99.84
155.0-156.0	13.8	0.6	4278.0	0.01	99.86
156.0-157.0	13.5	0.6	4278.6	0.01	99.87
157.0-158.0	13.1	0.6	4279.1	0.01	99.88
158.0-159.0	12.8	0.5	4279.7	0.01	99.90
159.0-160.0	12.5	0.5	4280.1	0.01	99.91
160.0-161.0	12.2	0.4	4280.6	0.01	99.92
161.0-162.0	11.9	0.4	4281.0	0.01	99.93
162.0-163.0	11.5	0.4	4281.4	0.01	99.94
163.0-164.0	11.2	0.3	4281.7	0.01	99.94
164.0-165.0	10.9	0.3	4282.1	0.01	99.95
165.0-166.0	10.6	0.3	4282.3	0.01	99.96
166.0-167.0	10.3	0.3	4282.6	0.01	99.96
167.0-168.0	9.9	0.2	4282.8	0.01	99.97
168.0-169.0	9.7	0.2	4283.1	0.00	99.98
169.0-170.0	9.5	0.2	4283.2	0.00	99.98
170.0-171.0	9.3	0.2	4283.4	0.00	99.98
171.0-172.0	9.2	0.1	4283.6	0.00	99.99
172.0-173.0	9.1	0.1	4283.7	0.00	99.99
173.0-174.0	9.1	0.1	4283.8	0.00	99.99
174.0-175.0	9.0	0.1	4283.9	0.00	100.00
175.0-176.0	9.0	0.1	4284.0	0.00	100.00
176.0-177.0	8.9	0.1	4284.0	0.00	100.00
177.0-178.0	8.9	0.0	4284.1	0.00	100.00
178.0-179.0	8.8	0.0	4284.1	0.00	100.00
179.0-180.0	8.8	0.0	4284.1	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	967.9	967.9	967.9	967.9	967.9	967.9	967.9	967.9	967.9	967.9
G1.0	963.2	988.5	1002.5	1016.2	1025.0	1021.5	1009.2	991.5	970.3	950.8
G2.0	959.1	1004.0	1038.2	1065.2	1080.2	1072.3	1046.9	1011.7	972.9	932.6
G3.0	955.7	1019.9	1079.3	1127.1	1142.3	1128.3	1091.3	1034.8	974.4	913.8
G4.0	951.3	1039.2	1117.8	1177.2	1195.2	1182.7	1135.6	1054.9	977.0	895.8
G5.0	949.0	1055.5	1159.8	1219.0	1237.0	1223.8	1170.2	1077.0	977.6	872.4
G6.0	943.4	1074.3	1191.9	1248.3	1259.4	1247.4	1199.8	1098.0	979.0	850.1
G7.0	935.4	1090.0	1219.2	1266.3	1278.2	1265.1	1220.4	1116.4	980.4	825.6
G8.0	928.2	1107.0	1238.0	1284.4	1308.5	1283.6	1234.1	1133.7	980.5	802.2
G9.0	922.8	1125.0	1247.5	1313.0	1345.3	1315.6	1247.5	1149.2	983.3	777.3
G10.0	917.7	1137.0	1259.1	1351.6	1388.8	1354.9	1266.0	1166.6	985.7	754.2
G11.0	908.9	1148.5	1273.6	1391.2	1409.9	1390.3	1288.2	1181.0	984.6	733.3
G12.0	904.5	1157.7	1295.3	1415.7	1418.8	1408.5	1314.3	1189.8	982.4	712.9
G13.0	896.7	1164.5	1316.6	1425.0	1443.0	1420.1	1344.3	1196.3	978.3	689.2
G14.0	889.8	1167.8	1336.8	1441.7	1493.0	1442.4	1369.1	1196.8	975.5	662.2
G15.0	880.4	1169.8	1352.5	1480.4	1536.4	1486.0	1379.9	1193.8	967.1	636.8
G16.0	870.9	1169.1	1368.3	1524.4	1575.7	1535.2	1388.0	1194.9	961.9	609.4
G17.0	861.7	1166.0	1378.9	1570.1	1624.2	1579.4	1398.5	1201.2	954.4	583.4
G18.0	850.2	1164.3	1387.5	1617.3	1672.9	1628.1	1417.7	1202.2	947.4	557.4
G19.0	839.7	1157.7	1403.3	1658.5	1710.9	1674.8	1446.3	1208.9	939.0	532.7
G20.0	826.4	1157.4	1422.1	1695.7	1745.2	1720.8	1471.9	1212.4	930.4	509.5
G21.0	817.8	1156.7	1444.7	1723.4	1790.2	1749.2	1499.9	1217.5	920.6	489.0
G22.0	806.6	1159.8	1464.5	1747.6	1841.9	1778.6	1529.9	1224.3	913.4	469.8
G23.0	797.4	1166.7	1484.3	1786.6	1889.6	1829.5	1563.3	1228.6	906.5	452.8
G24.0	788.3	1176.3	1503.8	1837.4	1928.2	1883.6	1592.0	1232.1	898.8	436.7
G25.0	778.8	1182.0	1529.1	1885.5	1971.0	1923.3	1611.9	1235.4	889.4	420.7
G26.0	767.7	1188.2	1550.2	1927.6	2027.0	1956.5	1628.6	1232.9	882.6	405.3
G27.0	759.4	1194.6	1571.2	1959.1	2096.4	1995.4	1642.1	1236.5	873.2	391.6
G28.0	749.0	1198.4	1583.0	1994.1	2146.1	2048.5	1662.0	1240.1	864.3	379.0
G29.0	742.0	1202.5	1594.3	2033.0	2204.4	2088.9	1686.3	1246.4	857.3	366.6
G30.0	735.3	1204.9	1619.3	2073.8	2268.2	2118.8	1708.8	1250.1	847.9	355.1
G31.0	725.8	1207.1	1641.2	2121.2	2343.7	2157.5	1726.8	1252.1	842.2	343.2
G32.0	713.4	1205.8	1668.9	2178.6	2397.0	2210.6	1744.4	1248.4	834.1	330.9
G33.0	703.7	1201.7	1694.0	2233.1	2443.0	2260.9	1770.6	1247.2	826.2	319.9
G34.0	693.9	1194.8	1715.1	2273.7	2515.3	2297.7	1798.1	1246.4	816.0	310.0
G35.0	684.1	1187.7	1731.7	2321.1	2579.9	2343.3	1823.2	1246.7	806.9	300.2
G36.0	677.1	1181.3	1741.3	2363.0	2612.3	2382.4	1850.5	1252.0	798.9	292.9

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 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	670.9	1171.4	1760.2	2394.1	2620.4	2403.0	1861.4	1253.8	789.8	284.9
G38.0	663.1	1160.8	1782.3	2403.8	2626.7	2410.1	1878.7	1254.9	783.8	277.0
G39.0	654.4	1150.7	1804.3	2401.8	2655.3	2420.0	1899.2	1254.7	774.8	269.5
G40.0	644.5	1147.7	1824.2	2412.1	2670.8	2433.5	1927.7	1250.3	767.3	261.8
G41.0	637.4	1146.5	1838.5	2412.8	2651.1	2424.4	1947.3	1251.4	759.8	254.7
G42.0	630.0	1143.8	1843.0	2412.1	2597.7	2398.9	1951.9	1253.9	751.8	246.9
G43.0	620.4	1136.8	1846.5	2401.6	2569.2	2366.6	1945.8	1248.7	744.1	239.2
G44.0	613.6	1127.6	1843.6	2378.5	2551.7	2339.7	1934.5	1242.4	735.1	231.6
G45.0	605.3	1112.4	1837.6	2358.6	2512.3	2315.0	1920.2	1231.2	727.5	223.2
G46.0	595.3	1100.3	1819.2	2330.4	2435.0	2277.5	1911.1	1220.4	720.0	216.9
G47.0	587.9	1091.2	1796.7	2295.2	2346.8	2215.3	1896.2	1209.1	710.2	211.3
G48.0	581.1	1081.3	1782.0	2248.8	2244.1	2162.1	1874.0	1197.0	702.9	206.1
G49.0	573.3	1072.8	1760.9	2189.5	2136.8	2104.8	1845.1	1184.4	693.2	200.0
G50.0	565.0	1067.5	1736.1	2125.5	2085.7	2033.6	1810.9	1179.5	683.6	194.4
G51.0	558.0	1060.5	1704.0	2068.6	2041.6	1961.8	1776.3	1174.5	675.6	188.5
G52.0	554.7	1050.9	1668.1	2038.3	1981.5	1919.9	1734.1	1169.6	667.2	182.7
G53.0	548.1	1035.5	1626.3	2017.8	1937.6	1883.3	1694.4	1154.7	658.0	177.8
G54.0	539.7	1017.4	1587.1	1991.0	1910.5	1851.2	1649.7	1138.4	650.0	172.4
G55.0	531.4	1002.1	1544.3	1974.3	1871.6	1825.7	1602.6	1123.6	640.8	167.3
G56.0	525.9	989.2	1507.5	1954.7	1823.9	1797.0	1552.8	1111.3	631.0	161.5
G57.0	518.6	982.6	1471.4	1931.9	1784.4	1765.2	1511.6	1102.3	621.5	156.0
G58.0	509.1	971.8	1440.4	1897.2	1745.9	1723.6	1471.1	1087.8	610.8	150.6
G59.0	499.1	953.5	1410.2	1858.1	1718.4	1677.6	1436.4	1064.0	602.8	145.9
G60.0	490.0	932.7	1378.3	1811.4	1675.9	1637.6	1399.5	1041.7	588.6	139.9
G61.0	480.1	909.6	1343.6	1769.8	1642.4	1591.0	1357.4	1020.9	578.3	135.1
G62.0	466.2	889.0	1302.4	1730.3	1606.5	1552.8	1322.7	995.2	563.1	129.8
G63.0	456.4	869.0	1269.7	1689.5	1537.5	1516.4	1284.3	970.3	553.0	124.7
G64.0	445.0	846.5	1234.0	1637.8	1470.1	1468.0	1246.1	940.7	540.8	119.9
G65.0	428.8	823.8	1202.7	1585.8	1401.9	1404.6	1203.4	911.8	528.2	114.7
G66.0	411.5	796.4	1170.3	1535.3	1340.3	1344.0	1154.3	877.7	515.2	109.6
G67.0	394.6	764.9	1136.1	1489.2	1264.7	1271.9	1109.0	843.3	501.4	104.7
G68.0	374.3	727.6	1097.5	1431.8	1195.4	1210.3	1056.7	808.7	484.5	99.2
G69.0	353.4	700.9	1056.0	1371.3	1142.6	1150.2	1010.2	768.2	462.5	95.7
G70.0	333.6	670.1	1017.7	1312.1	1110.7	1098.0	965.0	732.0	444.6	92.0
G71.0	313.6	634.4	979.9	1252.9	1100.1	1060.4	923.0	699.4	422.2	87.5
G72.0	292.0	594.0	942.6	1182.1	1079.4	1042.9	884.7	660.1	399.1	83.8
G73.0	269.0	560.7	910.1	1090.7	1042.8	1017.6	850.8	619.9	379.6	80.2

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 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	245.7	532.8	872.1	1000.6	990.9	985.1	815.6	583.8	356.7	76.4
G75.0	220.6	505.0	837.6	921.2	943.2	947.2	776.7	551.8	329.3	72.1
G76.0	198.2	476.1	803.4	848.9	902.3	898.5	739.9	516.6	305.4	68.3
G77.0	175.8	445.3	763.0	786.5	862.5	845.3	699.7	481.8	281.1	64.6
G78.0	153.1	414.9	714.1	714.3	824.8	798.4	658.2	451.7	257.7	61.1
G79.0	130.7	383.9	666.4	674.4	790.1	754.7	618.5	420.8	232.9	57.6
G80.0	111.9	353.3	616.4	651.2	770.9	724.2	586.0	389.4	212.8	53.9
G81.0	93.9	324.0	551.6	647.5	757.1	703.4	559.1	359.2	191.2	50.7
G82.0	79.7	296.3	480.0	633.4	727.8	686.0	534.0	333.0	170.2	47.7
G83.0	66.9	268.8	427.4	601.3	685.4	658.4	506.0	306.3	150.1	45.0
G84.0	56.6	241.7	388.2	562.1	636.5	618.1	473.1	284.1	130.2	42.5
G85.0	48.1	216.7	367.7	520.0	595.7	581.2	442.8	260.6	112.0	40.2
G86.0	40.4	190.7	347.5	483.2	559.0	533.8	412.5	236.6	94.6	37.9
G87.0	34.6	160.4	324.2	452.3	521.7	491.0	384.4	216.2	79.4	36.1
G88.0	30.1	141.3	301.3	430.3	490.7	459.8	359.7	196.3	64.8	34.6
G89.0	25.8	130.3	279.1	417.7	468.9	439.6	338.9	178.9	52.9	32.9
G90.0	22.9	119.5	259.5	402.9	457.0	423.1	317.5	165.3	42.4	31.6
G91.0	21.2	106.9	242.2	382.3	437.8	404.6	295.2	153.7	34.0	30.3
G92.0	20.0	98.4	224.3	356.6	406.3	383.4	272.5	141.3	28.1	29.2
G93.0	19.3	90.6	208.5	327.3	369.8	352.9	249.3	129.5	24.3	28.4
G94.0	18.8	84.0	193.5	295.2	334.2	322.1	227.4	119.5	21.9	27.1
G95.0	18.6	77.6	178.9	265.8	303.0	290.8	211.4	111.0	20.6	26.5
G96.0	18.4	71.8	166.7	241.0	277.7	262.0	196.2	101.4	19.7	25.6
G97.0	18.3	67.2	153.2	221.2	255.9	240.4	179.3	92.0	19.4	24.9
G98.0	18.4	62.8	139.5	204.4	237.6	224.0	164.3	84.4	19.0	24.3
G99.0	18.3	58.9	126.0	190.4	222.9	208.7	149.6	77.9	19.2	23.8
G100.0	18.4	55.5	115.9	181.2	210.4	194.0	134.2	72.5	19.3	23.1
G101.0	18.5	52.8	109.4	172.6	196.7	181.0	124.2	67.9	19.7	22.7
G102.0	18.5	49.9	103.6	163.3	184.3	170.3	116.1	64.6	19.4	22.4
G103.0	18.8	47.2	97.6	152.1	172.5	160.7	110.0	61.0	19.7	22.0
G104.0	18.9	44.3	91.5	140.4	161.0	148.8	104.9	57.4	19.9	21.5
G105.0	19.0	42.4	85.4	130.5	151.7	137.5	98.5	53.6	20.0	21.3
G106.0	18.8	40.3	79.4	120.5	142.5	127.8	91.6	50.8	19.9	20.8
G107.0	18.8	38.9	75.0	110.1	132.2	119.8	86.0	47.6	20.2	20.6
G108.0	18.6	37.7	72.3	101.5	122.2	110.7	81.2	45.3	20.4	20.3
G109.0	19.0	36.5	70.0	94.4	111.3	103.2	77.4	43.8	20.5	19.8
G110.0	18.7	35.2	67.5	87.7	102.7	95.8	74.0	41.9	20.5	19.5

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

## Candlepower Table (Continue 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	18.7	34.1	64.7	82.7	96.3	90.2	71.3	40.1	20.6	18.8
G112.0	18.6	33.3	60.6	78.4	91.1	84.9	68.3	38.7	20.7	18.4
G113.0	18.5	32.5	58.1	74.7	86.7	80.8	65.1	37.6	20.8	17.9
G114.0	18.7	31.9	55.6	71.5	82.9	77.4	62.1	36.7	20.7	17.6
G115.0	18.3	31.2	54.3	68.1	79.9	74.3	59.7	35.5	20.4	16.9
G116.0	18.2	30.2	53.3	65.7	77.4	71.4	58.1	34.6	20.4	16.6
G117.0	17.9	29.5	52.0	63.8	74.8	69.3	56.3	33.9	19.9	16.0
G118.0	17.6	28.7	50.3	61.6	72.7	67.4	54.5	32.9	19.7	15.8
G119.0	17.3	28.0	48.7	59.9	70.6	65.7	53.4	31.9	19.3	15.6
G120.0	16.8	27.2	47.4	58.8	68.8	64.6	51.2	31.2	18.9	15.3
G121.0	16.4	26.5	46.4	57.7	67.3	62.8	49.7	30.4	18.3	14.8
G122.0	15.9	25.7	45.4	56.3	65.7	61.6	48.4	29.6	18.1	14.6
G123.0	15.6	24.7	44.4	55.2	64.5	60.3	47.4	28.9	17.6	14.4
G124.0	15.2	24.0	43.8	54.3	63.1	59.2	46.4	28.2	17.2	14.2
G125.0	14.8	23.6	42.7	54.0	61.5	57.7	45.1	27.4	16.7	14.1
G126.0	14.5	22.7	41.6	53.6	60.0	56.8	43.9	26.4	16.6	14.0
G127.0	14.2	22.2	40.8	53.4	59.2	55.8	42.8	25.7	16.3	14.0
G128.0	14.0	21.9	39.8	52.3	58.4	54.7	42.1	25.0	15.9	13.9
G129.0	13.7	21.4	38.7	51.7	57.6	53.1	40.8	24.5	15.6	13.8
G130.0	13.7	20.8	37.7	50.8	56.7	52.3	39.6	23.8	15.2	13.8
G131.0	13.3	20.5	36.8	50.1	55.7	51.0	38.7	23.3	15.1	13.5
G132.0	13.2	19.9	35.9	49.3	54.5	49.8	37.4	23.1	15.1	13.5
G133.0	13.1	19.3	35.0	48.1	53.6	48.4	36.3	22.7	14.8	13.4
G134.0	13.1	18.9	34.2	47.0	52.1	47.3	35.6	22.3	14.2	13.5
G135.0	12.8	18.6	33.1	45.8	50.3	45.5	34.4	21.6	14.2	13.4
G136.0	12.3	18.3	31.8	44.2	48.2	43.8	33.3	21.3	13.9	13.1
G137.0	12.3	18.0	30.4	42.3	45.6	42.6	32.0	20.8	13.8	13.2
G138.0	12.5	17.6	29.1	40.5	42.7	40.7	30.7	20.8	13.5	13.2
G139.0	12.3	17.1	28.5	38.4	39.7	38.6	29.3	20.4	13.5	13.2
G140.0	12.1	16.9	27.9	36.5	37.0	36.8	28.2	19.7	13.7	13.2
G141.0	12.0	16.3	27.2	35.3	35.4	35.1	27.4	19.1	13.4	13.0
G142.0	11.8	16.1	26.3	34.4	34.2	33.9	26.5	18.7	13.1	12.8
G143.0	11.8	15.6	25.1	34.0	33.7	32.9	25.4	18.0	13.1	12.9
G144.0	11.6	15.2	23.7	33.0	32.5	31.8	24.2	17.6	12.8	13.0
G145.0	11.5	15.0	22.9	31.8	31.0	30.5	23.0	17.2	12.4	12.7
G146.0	11.3	14.3	22.3	30.1	29.0	29.0	22.1	16.6	12.5	12.6
G147.0	11.4	14.2	22.1	28.6	26.9	27.5	21.1	16.5	12.2	12.3

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 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	11.2	13.8	21.4	27.8	25.8	26.1	20.1	15.5	12.1	12.3
G149.0	11.1	13.5	20.9	26.7	24.9	25.0	19.2	15.2	11.8	12.3
G150.0	11.0	13.1	20.1	25.8	24.2	24.1	18.6	14.7	11.6	12.0
G151.0	11.0	12.9	19.1	24.6	23.1	22.9	18.1	13.9	11.5	12.2
G152.0	11.1	12.6	18.7	23.3	21.5	21.6	17.2	13.5	11.1	11.7
G153.0	10.5	11.9	18.2	22.2	20.1	20.3	16.7	13.1	11.0	11.5
G154.0	10.7	11.7	17.5	21.1	18.7	19.2	16.3	12.5	10.6	11.6
G155.0	10.5	11.2	16.9	20.4	18.2	18.0	15.8	12.2	10.5	11.6
G156.0	10.5	10.5	16.1	19.8	18.2	17.2	15.2	11.4	10.2	11.2
G157.0	10.2	10.4	15.3	19.1	17.7	16.2	14.9	10.8	10.1	11.0
G158.0	10.0	10.0	14.6	18.0	17.5	15.5	14.4	10.4	9.9	10.8
G159.0	9.9	9.8	13.8	17.0	16.4	14.5	13.5	10.3	9.7	10.8
G160.0	9.6	9.8	13.3	15.9	15.7	13.9	13.1	10.2	9.5	10.6
G161.0	9.5	9.4	12.3	15.0	15.3	13.6	12.6	9.8	9.4	10.3
G162.0	9.5	9.4	11.5	14.1	14.7	13.7	12.1	9.7	9.0	10.3
G163.0	9.2	9.0	10.5	13.7	13.9	13.0	11.5	9.5	8.9	10.1
G164.0	9.0	8.4	9.9	12.5	13.1	12.6	10.9	9.5	8.7	9.8
G165.0	9.1	8.8	9.4	11.6	12.7	12.2	10.2	9.2	8.9	9.6
G166.0	8.9	8.5	8.6	10.7	11.8	11.7	9.7	9.3	8.9	9.8
G167.0	8.6	8.2	8.0	9.9	11.2	11.3	9.1	9.2	8.4	9.6
G168.0	8.2	8.2	7.4	9.2	10.6	10.6	8.7	9.0	8.3	9.3
G169.0	8.2	7.9	7.4	8.4	9.8	10.0	8.8	9.0	8.2	9.4
G170.0	8.4	8.0	7.7	8.1	9.2	9.5	8.6	9.0	8.0	9.4
G171.0	8.3	8.0	7.5	7.5	8.5	8.8	8.8	8.7	7.8	9.2
G172.0	7.9	7.8	7.5	7.5	8.3	8.8	9.1	8.7	7.7	9.1
G173.0	8.3	8.0	7.6	7.8	8.5	9.3	8.9	8.6	7.9	8.9
G174.0	8.1	7.9	8.0	8.0	8.5	9.1	8.9	8.6	8.0	8.8
G175.0	7.7	7.9	7.9	8.4	8.8	9.2	8.7	8.5	7.8	8.6
G176.0	7.8	8.0	8.2	8.3	9.1	9.2	8.7	8.6	7.8	8.8
G177.0	8.1	8.0	8.5	8.7	9.1	9.3	8.5	8.3	7.9	8.7
G178.0	7.8	8.1	8.5	9.1	8.6	9.4	8.4	8.6	7.6	8.3
G179.0	8.1	8.1	9.0	9.3	9.0	9.3	8.9	8.4	7.7	8.5
G180.0	8.1	8.3	8.9	9.5	9.1	9.5	9.1	8.5	7.4	8.4

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 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	967.9	967.9	967.9	967.9	967.9	967.9	967.9			
G1.0	929.0	920.2	917.3	920.5	931.0	946.1	963.2			
G2.0	894.5	870.6	860.2	874.4	893.6	924.6	959.1			
G3.0	852.9	809.4	793.2	814.1	855.3	904.2	955.7			
G4.0	806.2	746.7	731.2	750.5	808.8	883.4	951.3			
G5.0	759.5	691.4	668.9	695.9	761.4	858.0	949.0			
G6.0	716.9	633.7	602.5	635.1	712.4	835.2	943.4			
G7.0	671.8	568.6	538.7	571.4	671.7	808.9	935.4			
G8.0	626.1	514.3	487.7	515.2	623.5	780.3	928.2			
G9.0	578.8	471.8	442.1	469.7	573.0	751.9	922.8			
G10.0	532.8	431.7	401.7	430.2	525.9	721.6	917.7			
G11.0	497.0	395.3	370.4	393.3	487.7	696.7	908.9			
G12.0	465.5	366.3	334.5	362.9	452.9	671.6	904.5			
G13.0	435.4	334.4	305.1	329.3	421.2	646.1	896.7			
G14.0	405.9	305.5	283.2	301.5	391.7	620.0	889.8			
G15.0	379.2	285.1	263.3	280.5	367.1	589.4	880.4			
G16.0	356.6	265.1	242.9	259.9	342.4	560.5	870.9			
G17.0	333.0	245.9	222.7	240.9	315.8	533.4	861.7			
G18.0	308.9	228.5	200.4	222.6	293.5	507.7	850.2			
G19.0	289.4	207.0	181.1	201.7	274.8	483.8	839.7			
G20.0	271.8	188.3	167.3	182.2	257.7	462.5	826.4			
G21.0	256.2	173.9	153.9	167.4	241.1	444.5	817.8			
G22.0	241.3	161.2	139.8	154.8	226.2	425.9	806.6			
G23.0	226.2	148.3	127.2	143.0	211.6	408.1	797.4			
G24.0	211.9	135.3	117.1	128.7	195.9	392.5	788.3			
G25.0	196.2	124.1	108.3	118.5	179.2	378.5	778.8			
G26.0	181.4	114.8	97.8	109.8	166.7	366.3	767.7			
G27.0	169.5	106.8	89.2	101.7	155.8	354.1	759.4			
G28.0	158.8	96.9	82.0	91.4	145.7	341.8	749.0			
G29.0	148.9	89.0	75.2	84.4	136.3	328.1	742.0			
G30.0	139.2	82.0	67.8	77.5	125.1	315.4	735.3			
G31.0	128.6	75.0	61.8	70.2	116.1	305.0	725.8			
G32.0	119.5	67.7	55.7	63.6	108.6	294.9	713.4			
G33.0	112.2	61.7	49.8	57.5	101.1	284.9	703.7			
G34.0	105.1	56.0	44.0	51.6	93.5	275.4	693.9			
G35.0	98.3	50.2	38.6	45.9	85.5	265.9	684.1			
G36.0	91.0	44.5	32.8	40.8	79.1	256.8	677.1			

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 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	84.7	39.0	27.9	35.4	73.3	247.8	670.9			
G38.0	79.2	34.1	23.2	30.3	67.0	238.8	663.1			
G39.0	73.6	29.1	19.0	25.7	61.3	229.3	654.4			
G40.0	67.4	24.6	15.0	21.5	56.2	220.3	644.5			
G41.0	62.2	20.3	10.9	17.2	51.1	213.3	637.4			
G42.0	57.8	16.2	6.2	13.5	46.0	206.9	630.0			
G43.0	52.6	12.8	1.1	9.9	41.6	200.2	620.4			
G44.0	47.5	8.7	0.7	5.8	37.1	192.2	613.6			
G45.0	43.3	3.9	0.7	1.4	32.8	186.4	605.3			
G46.0	38.9	1.1	0.7	1.0	29.0	179.4	595.3			
G47.0	35.4	1.3	0.5	1.2	25.5	173.9	587.9			
G48.0	31.7	1.3	0.8	1.3	22.0	167.1	581.1			
G49.0	28.0	1.3	0.7	1.1	19.0	161.0	573.3			
G50.0	24.7	1.0	0.8	1.0	16.2	154.9	565.0			
G51.0	21.6	1.3	0.7	1.1	13.5	147.9	558.0			
G52.0	19.1	1.3	0.7	1.1	10.4	143.2	554.7			
G53.0	16.3	1.1	1.0	1.1	9.7	137.4	548.1			
G54.0	13.6	1.3	1.0	1.4	9.7	131.4	539.7			
G55.0	13.0	1.3	0.8	1.3	9.3	126.5	531.4			
G56.0	12.9	1.4	1.0	1.2	9.4	121.7	525.9			
G57.0	12.6	1.3	0.8	1.3	9.2	116.6	518.6			
G58.0	12.7	1.1	1.0	1.4	9.2	112.4	509.1			
G59.0	12.3	1.5	1.1	1.4	8.9	108.4	499.1			
G60.0	12.0	1.4	1.1	1.6	8.9	103.7	490.0			
G61.0	11.9	1.4	1.3	1.5	8.8	99.9	480.1			
G62.0	11.8	1.4	1.4	1.7	8.7	95.0	466.2			
G63.0	11.6	1.7	1.4	1.7	8.5	89.6	456.4			
G64.0	11.5	1.6	1.4	1.8	8.2	83.0	445.0			
G65.0	11.4	1.8	1.5	2.0	8.3	77.7	428.8			
G66.0	11.3	1.8	1.4	1.9	8.4	74.4	411.5			
G67.0	11.1	1.9	1.7	2.1	8.3	71.4	394.6			
G68.0	11.1	1.9	1.7	2.1	8.0	67.3	374.3			
G69.0	10.9	2.1	2.0	2.3	7.8	62.6	353.4			
G70.0	10.8	2.2	1.7	2.3	7.8	58.0	333.6			
G71.0	10.7	2.2	2.1	2.4	7.7	54.1	313.6			
G72.0	10.5	2.5	2.0	2.6	7.4	51.9	292.0			
G73.0	10.6	2.4	2.2	2.7	7.2	49.7	269.0			

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 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	10.4	2.2	2.5	2.9	7.0	47.8	245.7			
G75.0	10.1	2.7	2.8	3.0	7.0	46.2	220.6			
G76.0	10.6	3.0	2.7	3.1	7.2	44.5	198.2			
G77.0	10.2	2.9	2.8	3.1	7.1	42.1	175.8			
G78.0	9.9	2.7	2.8	3.3	7.1	39.1	153.1			
G79.0	10.1	3.1	3.0	3.4	6.9	36.9	130.7			
G80.0	10.0	3.2	3.2	3.5	6.9	35.0	111.9			
G81.0	9.7	3.6	3.2	3.5	7.0	32.9	93.9			
G82.0	9.7	3.7	3.5	3.6	6.7	30.9	79.7			
G83.0	9.6	3.9	3.6	3.8	6.8	28.9	66.9			
G84.0	9.5	3.9	3.8	4.1	7.0	27.4	56.6			
G85.0	9.5	4.1	4.1	4.3	6.9	26.1	48.1			
G86.0	9.5	4.3	4.1	4.4	6.9	24.6	40.4			
G87.0	9.3	4.5	4.4	4.5	7.0	23.7	34.6			
G88.0	9.2	4.8	4.4	4.6	7.1	22.9	30.1			
G89.0	9.2	4.7	4.6	4.8	7.1	22.1	25.8			
G90.0	9.3	5.1	4.8	4.9	7.2	21.5	22.9			
G91.0	9.4	5.4	5.0	5.1	7.4	20.6	21.2			
G92.0	9.4	5.4	5.4	5.4	7.4	20.0	20.0			
G93.0	9.4	5.5	5.3	5.5	7.4	19.4	19.3			
G94.0	9.5	5.7	5.6	5.9	7.4	18.8	18.8			
G95.0	9.8	6.1	5.9	6.2	7.6	18.0	18.6			
G96.0	9.4	6.3	5.9	6.1	7.7	17.7	18.4			
G97.0	9.6	6.6	6.2	6.3	7.7	17.3	18.3			
G98.0	9.4	6.8	6.5	6.6	7.9	16.7	18.4			
G99.0	9.8	7.0	6.6	6.8	8.2	16.6	18.3			
G100.0	9.7	7.1	7.0	6.9	8.0	16.2	18.4			
G101.0	9.8	7.5	7.1	7.4	8.2	15.8	18.5			
G102.0	9.8	8.0	7.4	7.4	8.2	15.5	18.5			
G103.0	10.1	7.6	7.9	7.7	8.3	15.2	18.8			
G104.0	10.3	8.1	7.9	7.6	8.7	14.9	18.9			
G105.0	10.1	8.4	8.3	8.1	8.9	14.5	19.0			
G106.0	10.1	8.6	8.2	8.3	9.1	14.3	18.8			
G107.0	10.4	8.8	8.8	8.8	9.4	14.0	18.8			
G108.0	10.3	9.1	9.1	8.9	9.5	14.0	18.6			
G109.0	10.5	9.3	9.1	9.2	9.4	13.6	19.0			
G110.0	10.9	9.4	9.6	9.3	9.6	13.4	18.7			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

## Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	11.0	10.0	9.9	9.5	9.7	13.2	18.7			
G112.0	11.0	10.1	10.0	9.7	9.9	13.2	18.6			
G113.0	11.1	10.1	10.3	10.0	10.0	12.9	18.5			
G114.0	11.6	10.5	10.5	10.4	10.1	12.8	18.7			
G115.0	11.4	10.7	10.6	10.4	10.2	12.6	18.3			
G116.0	11.5	10.7	11.0	10.7	10.3	12.6	18.2			
G117.0	12.0	11.3	11.1	10.9	10.5	12.5	17.9			
G118.0	11.9	11.3	11.5	11.1	10.8	12.5	17.6			
G119.0	12.0	11.5	11.7	11.3	10.9	12.2	17.3			
G120.0	11.9	11.6	11.8	11.6	11.1	12.3	16.8			
G121.0	12.1	11.9	11.9	11.7	11.2	12.2	16.4			
G122.0	12.1	12.2	12.1	12.1	11.2	12.1	15.9			
G123.0	12.5	12.3	12.3	12.0	11.2	12.1	15.6			
G124.0	12.6	12.5	12.6	12.1	11.5	11.9	15.2			
G125.0	12.6	12.5	12.6	12.2	11.3	12.2	14.8			
G126.0	12.8	13.1	12.8	12.6	11.7	12.2	14.5			
G127.0	12.7	12.8	13.1	12.7	11.6	12.1	14.2			
G128.0	13.1	13.1	13.1	13.0	11.8	12.3	14.0			
G129.0	13.0	13.4	13.5	12.7	11.8	12.1	13.7			
G130.0	12.9	13.5	13.5	13.2	11.8	12.4	13.7			
G131.0	13.0	13.6	13.5	13.2	12.0	12.5	13.3			
G132.0	13.1	13.8	13.5	13.4	12.0	12.3	13.2			
G133.0	13.1	13.9	13.6	13.5	12.3	12.3	13.1			
G134.0	13.2	14.0	13.6	13.8	12.3	12.8	13.1			
G135.0	13.3	14.0	13.9	13.5	12.1	12.5	12.8			
G136.0	13.3	14.0	13.9	13.6	12.3	12.7	12.3			
G137.0	13.1	14.2	13.9	13.9	12.1	12.6	12.3			
G138.0	12.9	14.2	13.9	13.8	12.3	12.6	12.5			
G139.0	13.4	14.2	14.1	13.9	12.5	12.6	12.3			
G140.0	13.1	14.3	13.9	13.7	12.4	12.8	12.1			
G141.0	13.2	14.2	14.0	14.1	12.5	12.6	12.0			
G142.0	13.2	14.4	14.5	14.1	12.5	12.7	11.8			
G143.0	13.1	14.7	14.2	14.1	12.4	12.6	11.8			
G144.0	13.4	14.4	14.3	13.8	12.5	12.7	11.6			
G145.0	13.2	14.6	14.4	14.0	12.5	12.8	11.5			
G146.0	13.1	14.4	14.3	14.1	12.4	12.7	11.3			
G147.0	13.0	14.3	14.0	14.2	12.5	12.4	11.4			

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 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	13.0	14.3	14.2	14.1	12.6	12.2	11.2			
G149.0	12.8	14.4	14.0	14.2	12.8	12.3	11.1			
G150.0	12.6	14.0	14.2	13.7	12.8	12.3	11.0			
G151.0	12.7	13.9	14.3	13.8	12.8	11.9	11.0			
G152.0	12.6	13.8	14.0	14.1	12.6	12.2	11.1			
G153.0	12.2	14.0	14.0	13.9	12.7	11.8	10.5			
G154.0	12.4	13.9	13.9	13.8	12.7	12.0	10.7			
G155.0	12.1	13.9	14.0	13.8	12.8	11.8	10.5			
G156.0	12.1	13.7	14.3	13.5	12.7	11.8	10.5			
G157.0	12.0	13.5	14.3	13.5	12.5	11.4	10.2			
G158.0	11.9	13.3	14.3	13.5	12.4	11.3	10.0			
G159.0	11.6	13.2	14.6	13.2	12.5	11.2	9.9			
G160.0	11.8	13.0	14.3	13.4	12.2	11.1	9.6			
G161.0	11.6	13.1	14.2	13.1	12.1	11.0	9.5			
G162.0	11.6	12.7	14.0	13.0	12.1	10.6	9.5			
G163.0	11.3	12.5	13.3	12.9	11.8	10.4	9.2			
G164.0	11.3	12.6	13.1	12.7	11.7	10.3	9.0			
G165.0	11.0	12.3	12.8	12.8	11.6	10.3	9.1			
G166.0	11.1	12.1	12.7	12.4	11.2	10.3	8.9			
G167.0	10.8	11.9	12.3	12.0	11.2	9.7	8.6			
G168.0	10.8	11.9	11.9	12.1	11.1	9.8	8.2			
G169.0	10.6	11.6	11.9	12.0	10.8	9.7	8.2			
G170.0	10.3	11.4	11.6	11.6	10.6	9.5	8.4			
G171.0	10.6	11.1	11.5	11.6	10.5	9.4	8.3			
G172.0	10.1	10.7	11.2	11.2	10.2	9.4	7.9			
G173.0	10.1	10.7	10.9	11.1	9.8	9.1	8.3			
G174.0	10.0	10.6	10.6	10.8	9.7	8.8	8.1			
G175.0	9.7	10.3	10.4	10.7	9.8	8.8	7.7			
G176.0	9.6	10.2	10.0	10.5	9.6	8.6	7.8			
G177.0	9.4	10.1	9.9	10.2	9.5	8.5	8.1			
G178.0	9.2	9.9	9.5	10.0	9.3	8.3	7.8			
G179.0	9.0	9.6	9.3	9.7	9.1	8.2	8.1			
G180.0	8.9	9.4	9.0	9.7	9.1	8.3	8.1			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector: