

Report No.:

Test Time: 2016-12-8 15:43

## Luminaire Property

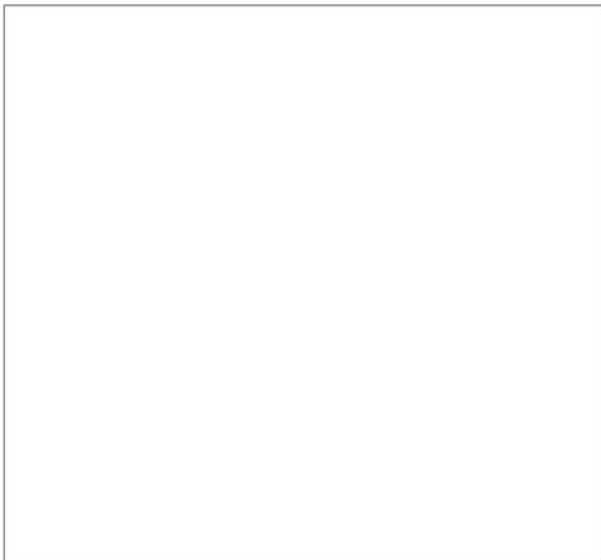
Luminaire Manufacturer:  
 Luminaire Description:  
 Lamp Catalog: 5070-Q档  
 Current: 2.191 A  
 Power Factor: 0.995

Voltage: 120.5 V  
 Power: 299.80 W

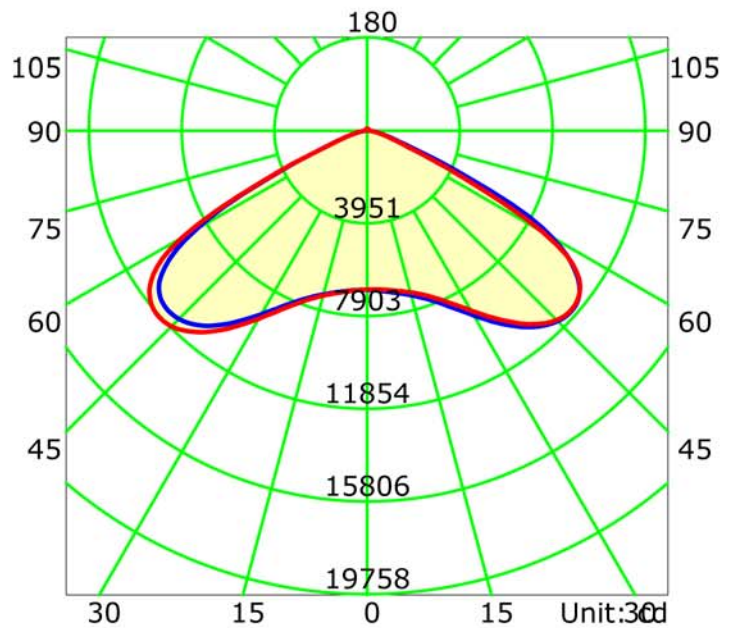
## Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 41830.1 lm
Measurement Flux: 41830.1 lm	Efficiency: 100%
Downward Ratio: 99%	Upward Ratio: 1%
Horizontal Diffuse Angle(10%,50%,75%,100%): H144.4,H127.3,H120.4,H97	
Vertical Diffuse Angle(10%,50%,75%,100%): V143,V125.9,V120.1,V97	
Luminaire Efficacy Rating (LER): 139.58	Central Intensity: 6787.44 cd
Max. Intensity: 13358.46 cd	Pos of Max. Intensity: H300 V52
S/MH(C0/C180): 2.24	S/MH(C90/C270): 2.27

Picture Of Luminaire



Luminous Intensity Distribution Curve



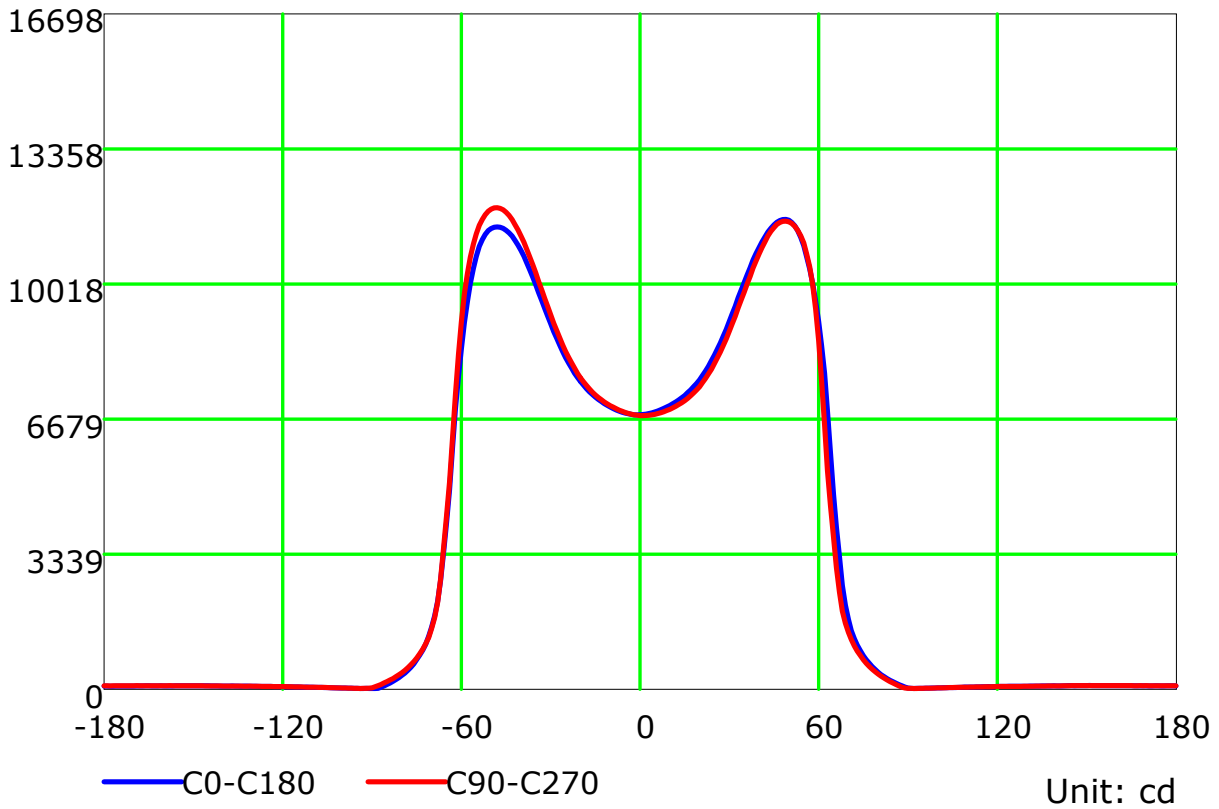
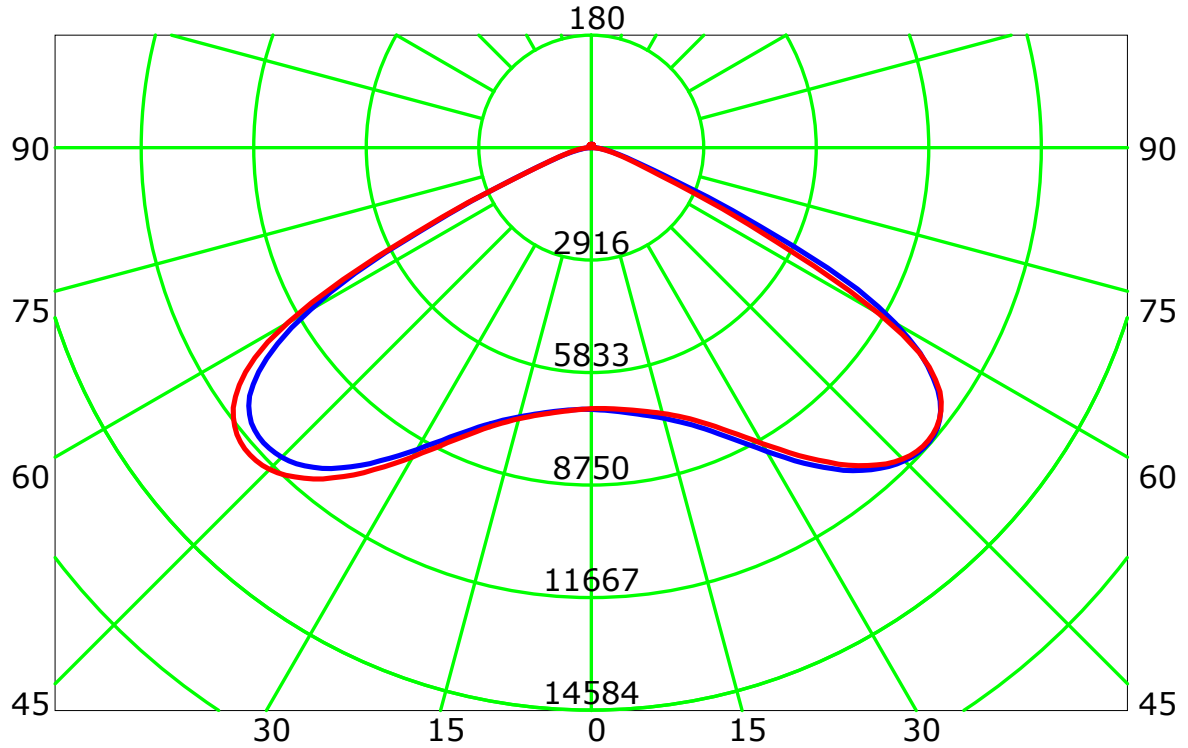
Average Diffuse Angle(50%): 126.5°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:

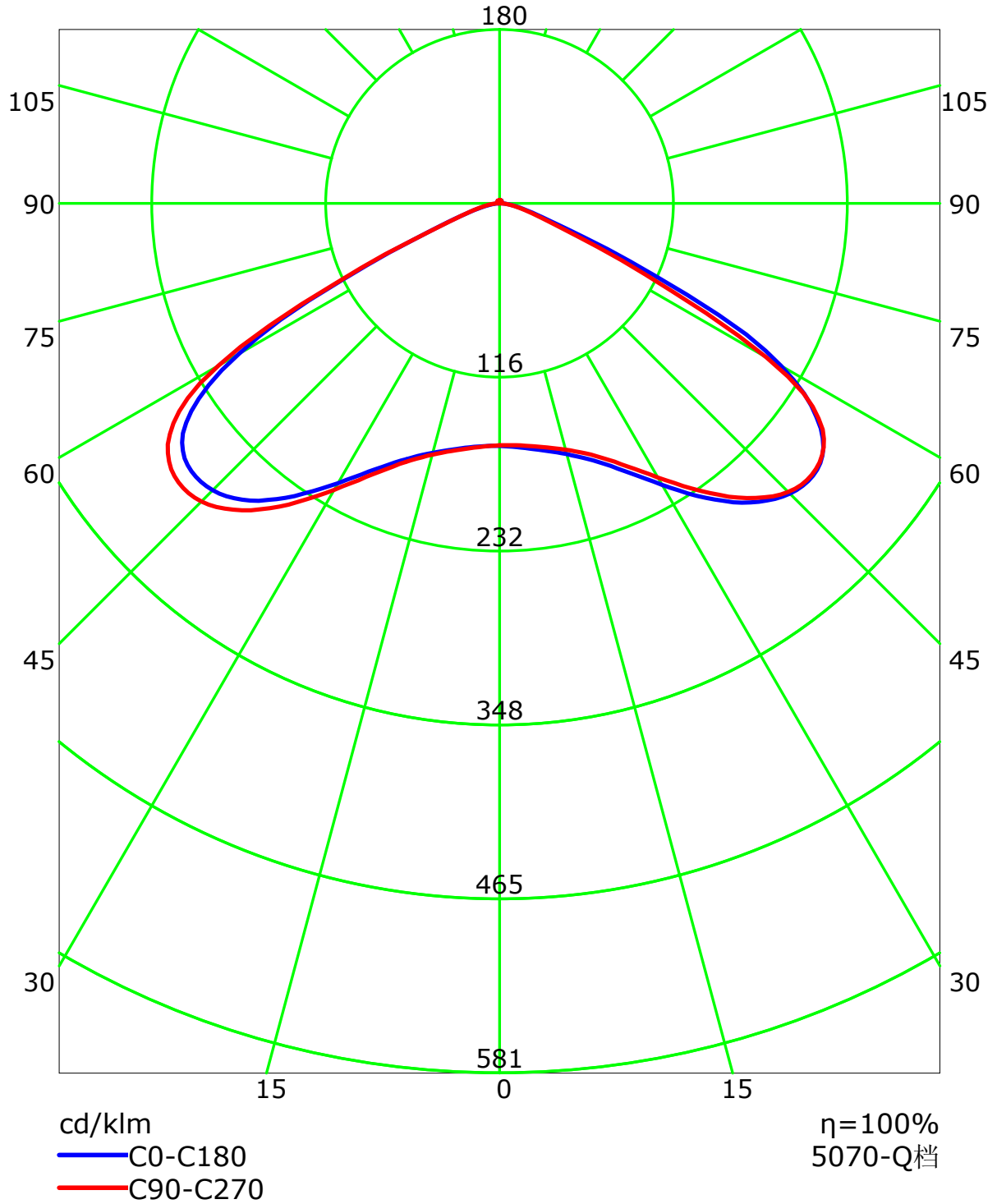
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:

## Luminous Intensity Distribution Curve(cd/klm)



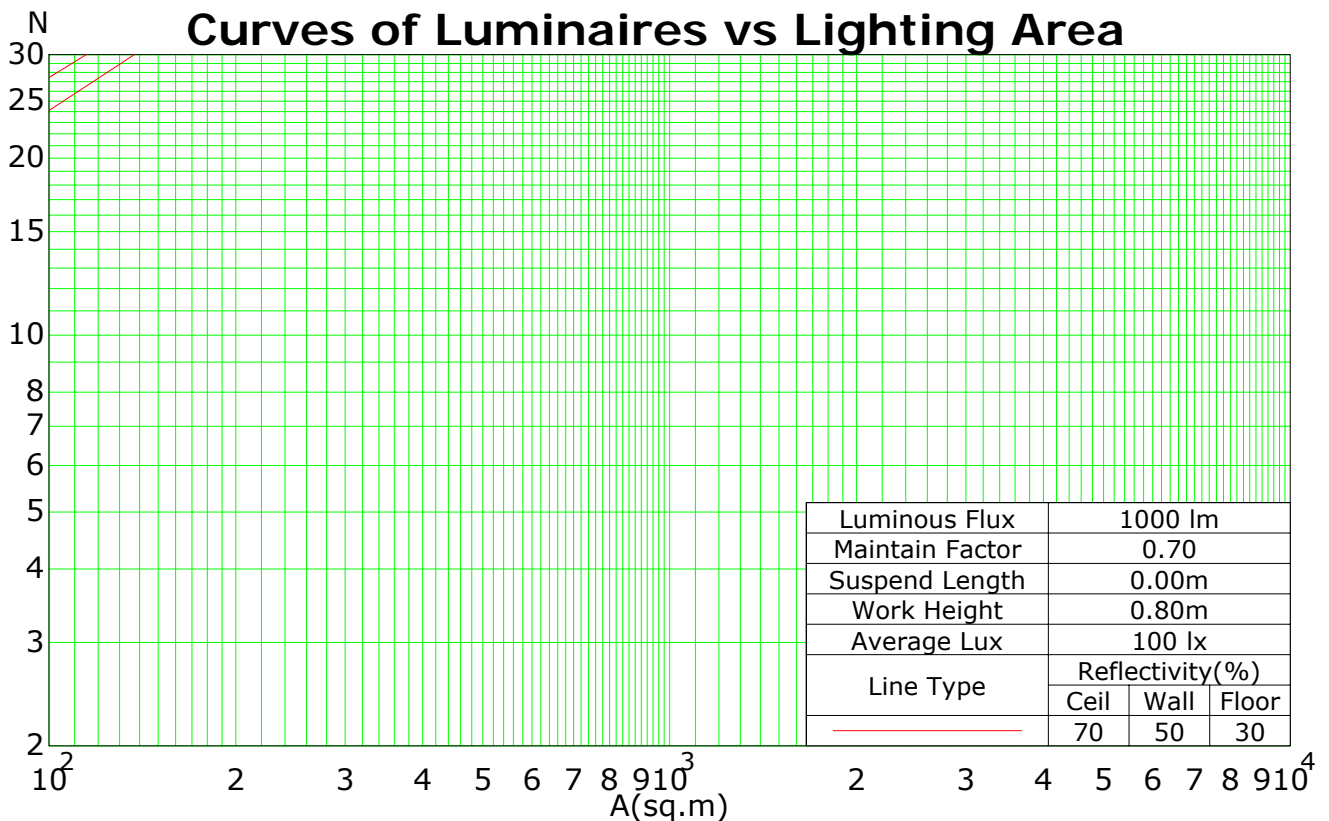
C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 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
RCCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	109	104	99	96	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	89	82	76	95	87	81	75	84	78	73	80	76	72	77	73	70	67
3	88	77	68	61	85	75	67	61	72	65	60	69	63	58	66	61	57	55
4	80	67	57	50	77	65	57	50	63	55	49	60	54	48	58	52	47	45
5	72	58	49	42	70	57	48	41	55	47	41	53	46	40	51	45	40	37
6	66	52	42	35	64	51	41	35	49	40	34	47	39	34	45	39	34	31
7	60	46	36	30	59	45	36	30	43	35	29	42	34	29	40	34	29	27
8	56	41	32	26	54	40	32	26	39	31	25	38	30	25	36	30	25	23
9	52	37	28	22	50	37	28	22	35	28	22	34	27	22	33	27	22	20
10	48	34	25	20	47	33	25	20	32	25	20	31	24	19	30	24	19	17

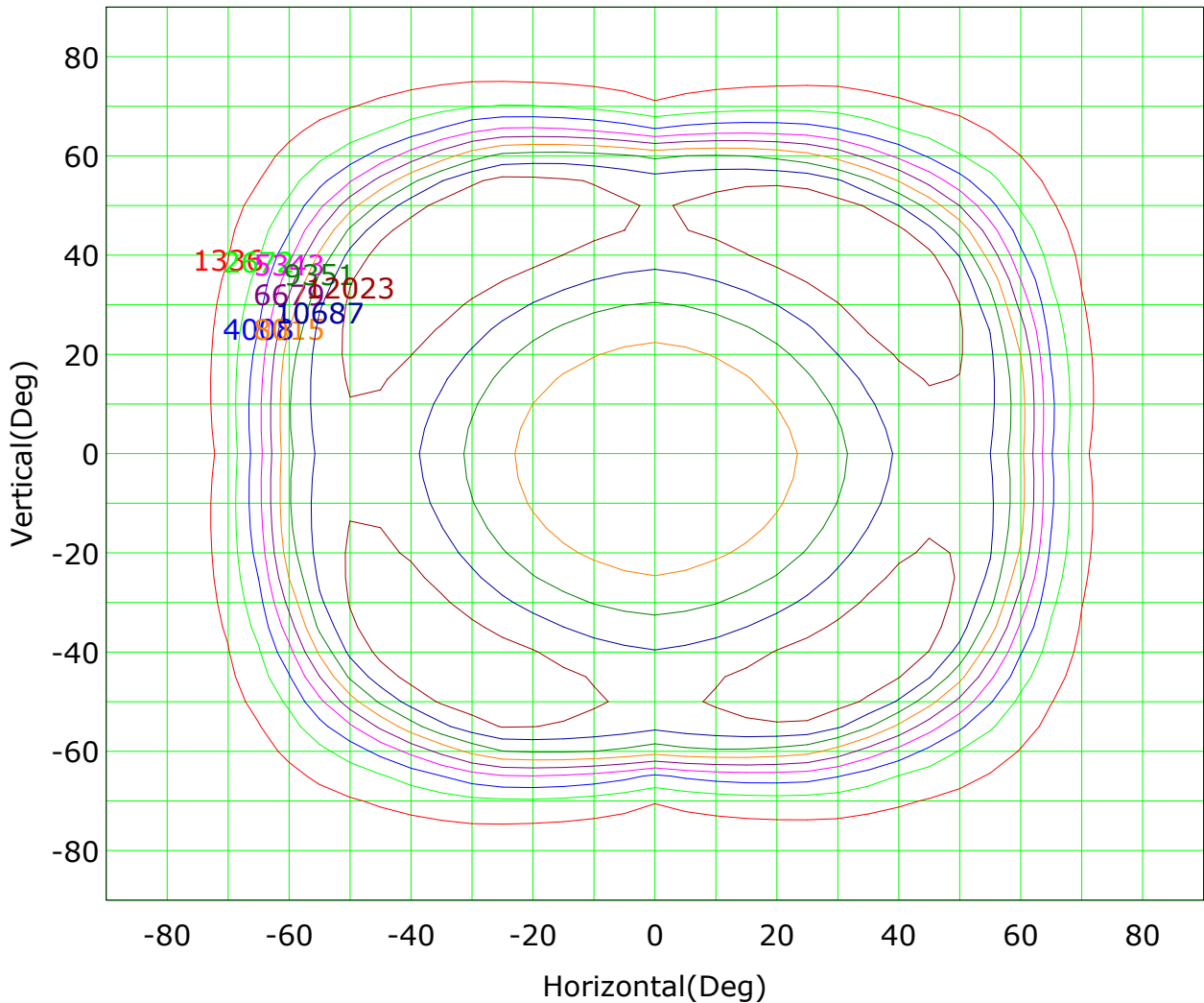
Spacing Criteria (0-180): 2.24  
 Spacing Criteria (90-270): 2.27  
 Spacing Criteria (Diagonal): 2.31



C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:

## Isocandela (rectangle)



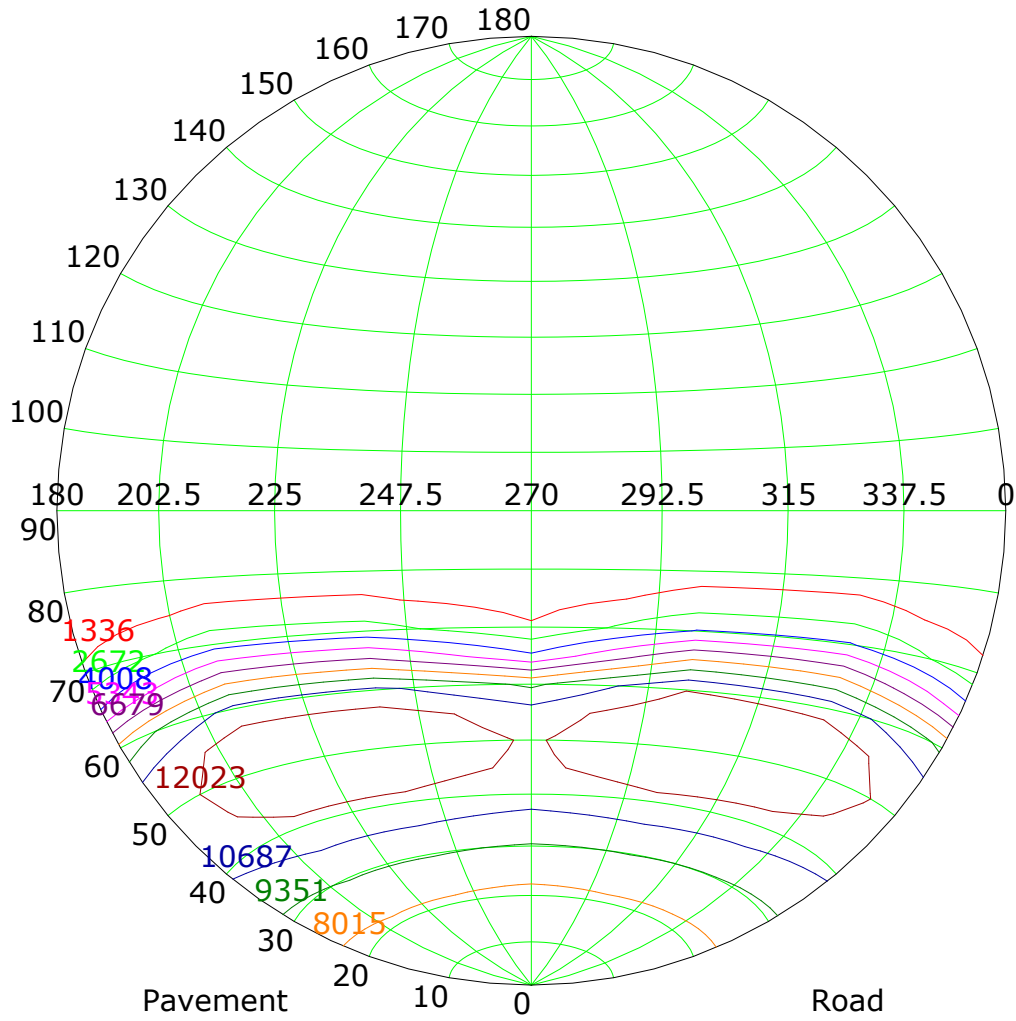
Imax (100%): 13358 cd

— ( 10%): 1336 cd	— ( 20%): 2672 cd
— ( 30%): 4008 cd	— ( 40%): 5343 cd
— ( 50%): 6679 cd	— ( 60%): 8015 cd
— ( 70%): 9351 cd	— ( 80%): 10687 cd
— ( 90%): 12023 cd	— (100%): 13358 cd

C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:

## Isocandela (sphere)



Imax (100%): 13358 cd

- |                    |                    |
|--------------------|--------------------|
| — ( 10%): 1336 cd  | — ( 20%): 2672 cd  |
| — ( 30%): 4008 cd  | — ( 40%): 5343 cd  |
| — ( 50%): 6679 cd  | — ( 60%): 8015 cd  |
| — ( 70%): 9351 cd  | — ( 80%): 10687 cd |
| — ( 90%): 12023 cd | — (100%): 13358 cd |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

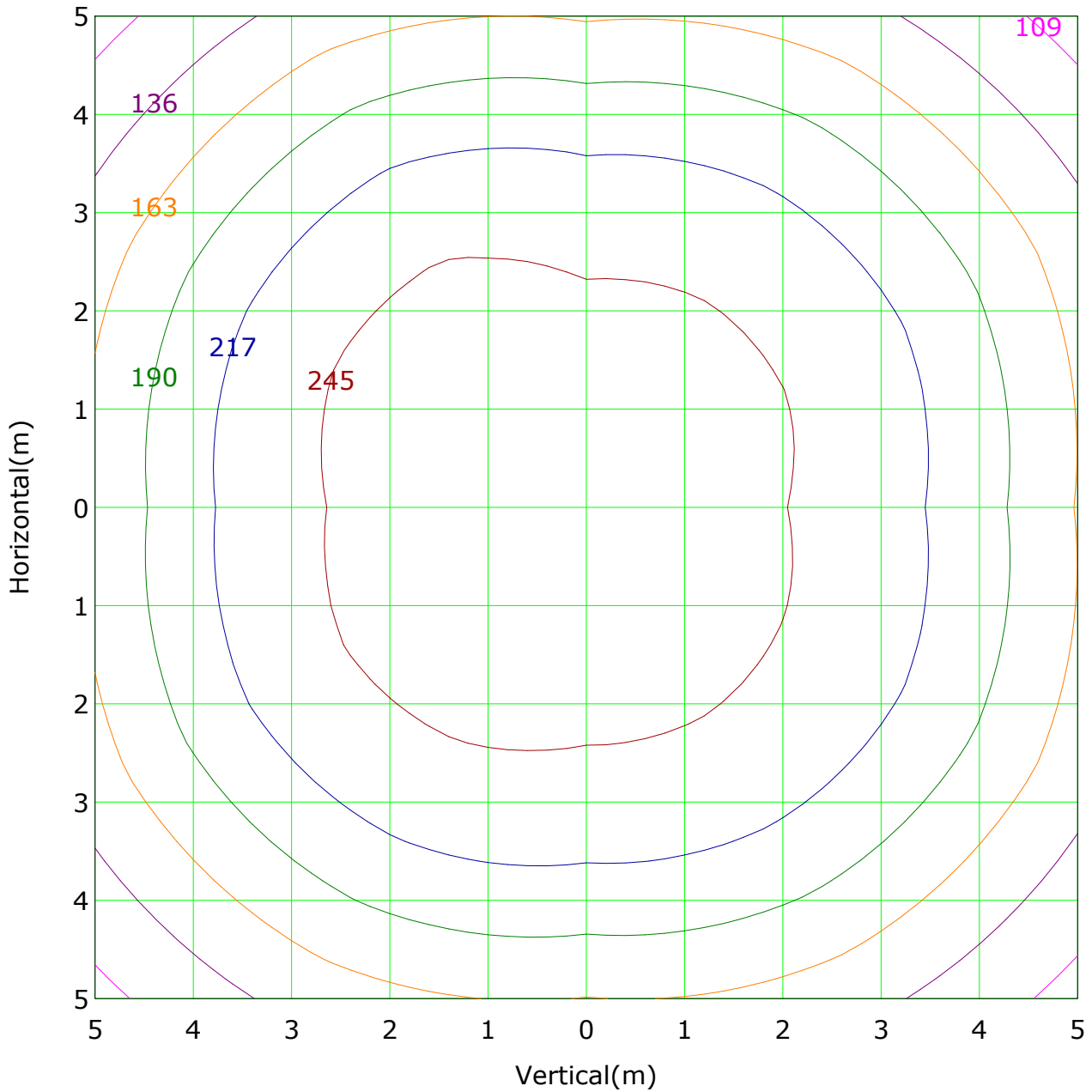
Test Device: GPM-1800B

Distance: 11.967 m

Humidity:

Inspector:

# IsoLux Plot



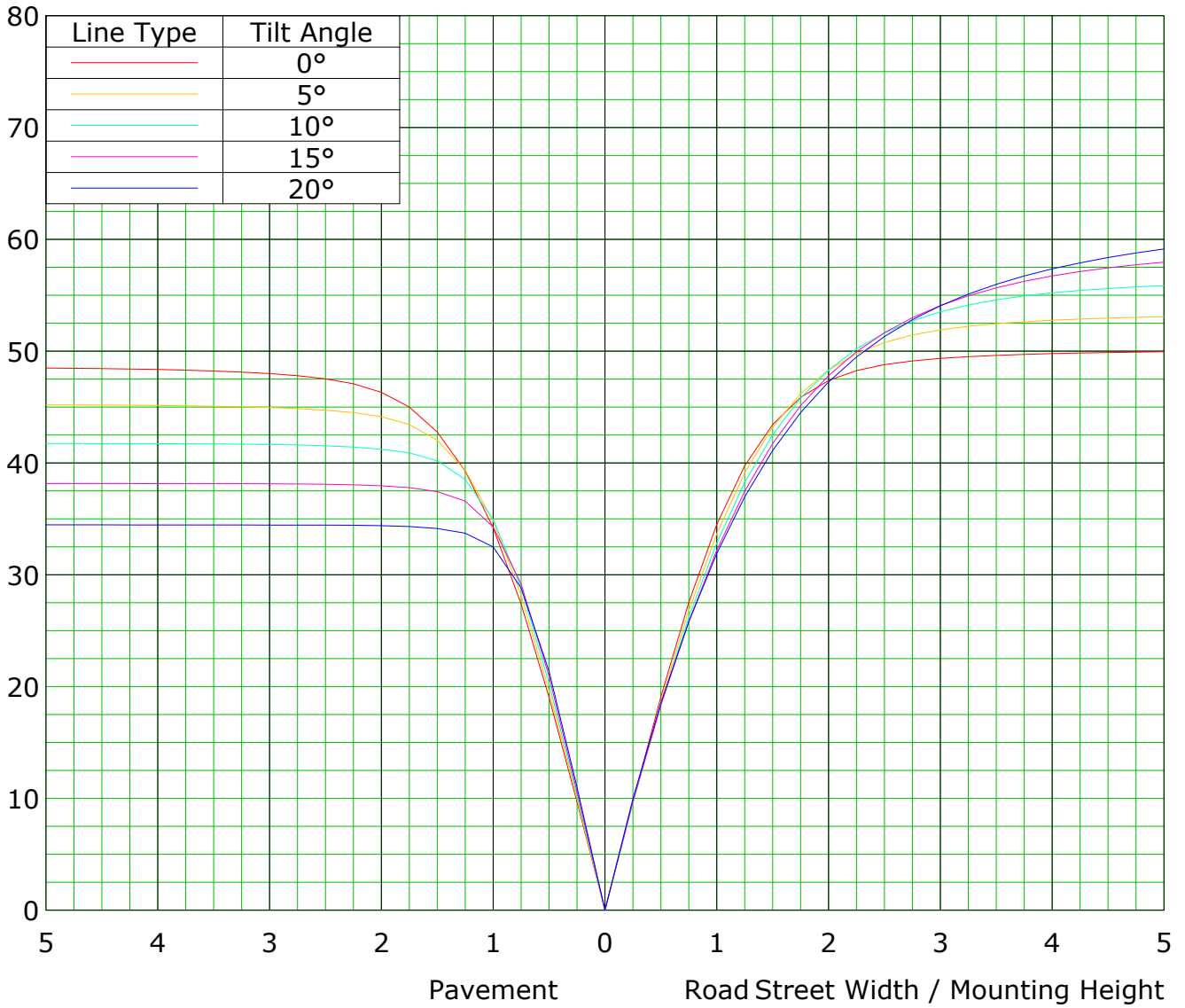
Mounting Height: 5.0m		Max Lux(100%): 271.7 lx
— ( 10%): 27.2 lx	— ( 20%): 54.3 lx	— ( 40%): 108.7 lx
— ( 30%): 81.5 lx	— ( 60%): 163.0 lx	— ( 80%): 217.4 lx
— ( 50%): 135.9 lx	— ( 90%): 244.6 lx	— (100%): 271.7 lx
— ( 70%): 190.2 lx		

C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:

## Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

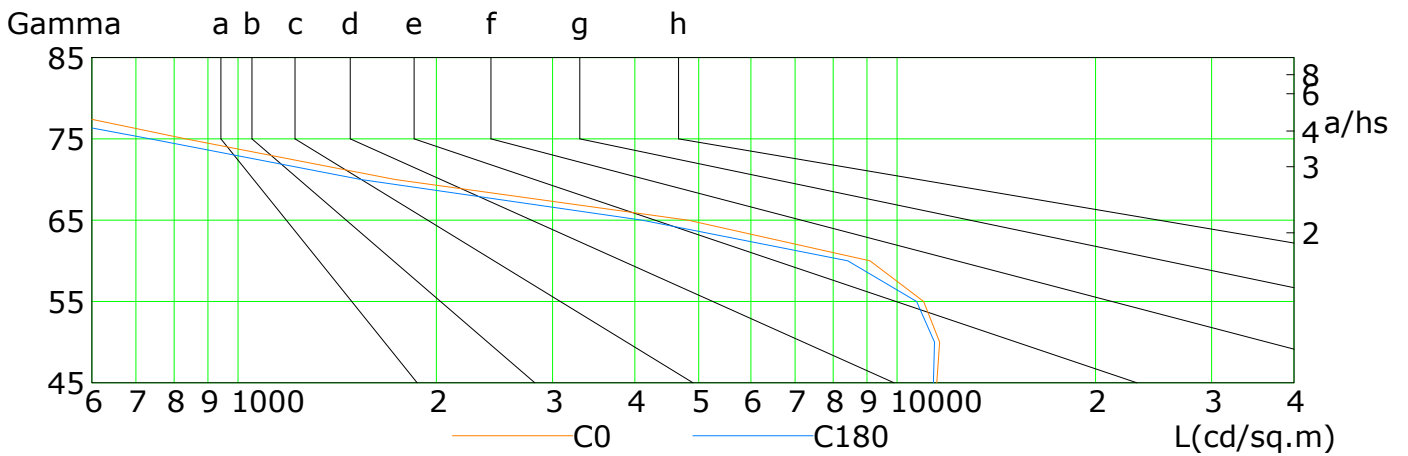
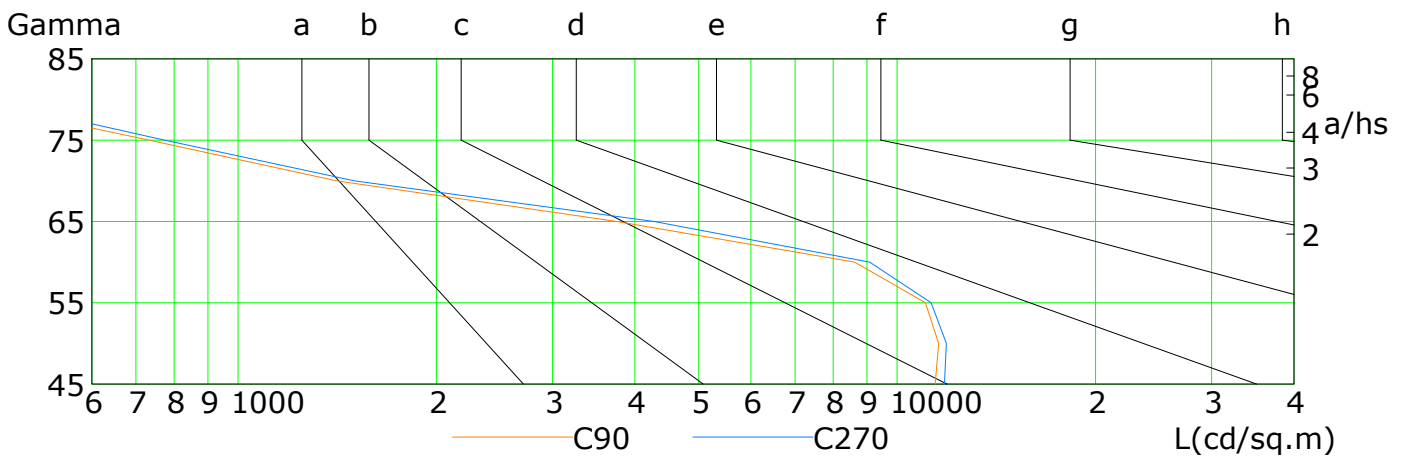
Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:



## Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
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	11483	11598	10970	9095	4816	1732	833	421	187
C90	11418	11559	11037	8623	3756	1411	733	377	156
C180	11351	11395	10703	8416	4102	1536	736	346	121
C270	11797	11874	11260	9087	4275	1501	774	411	193

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

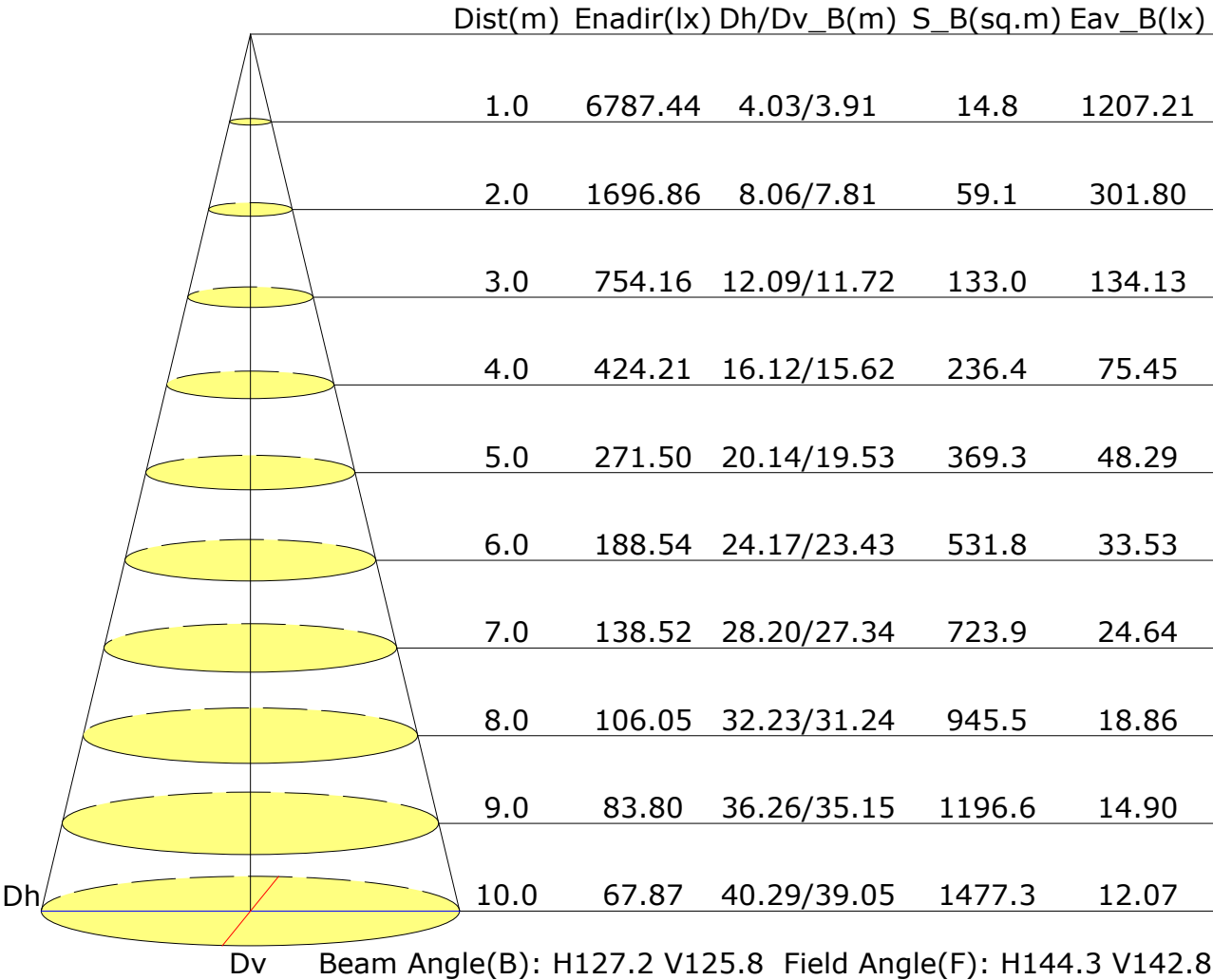
Test Device: GPM-1800B

Distance: 11.967 m

Humidity:

Inspector:

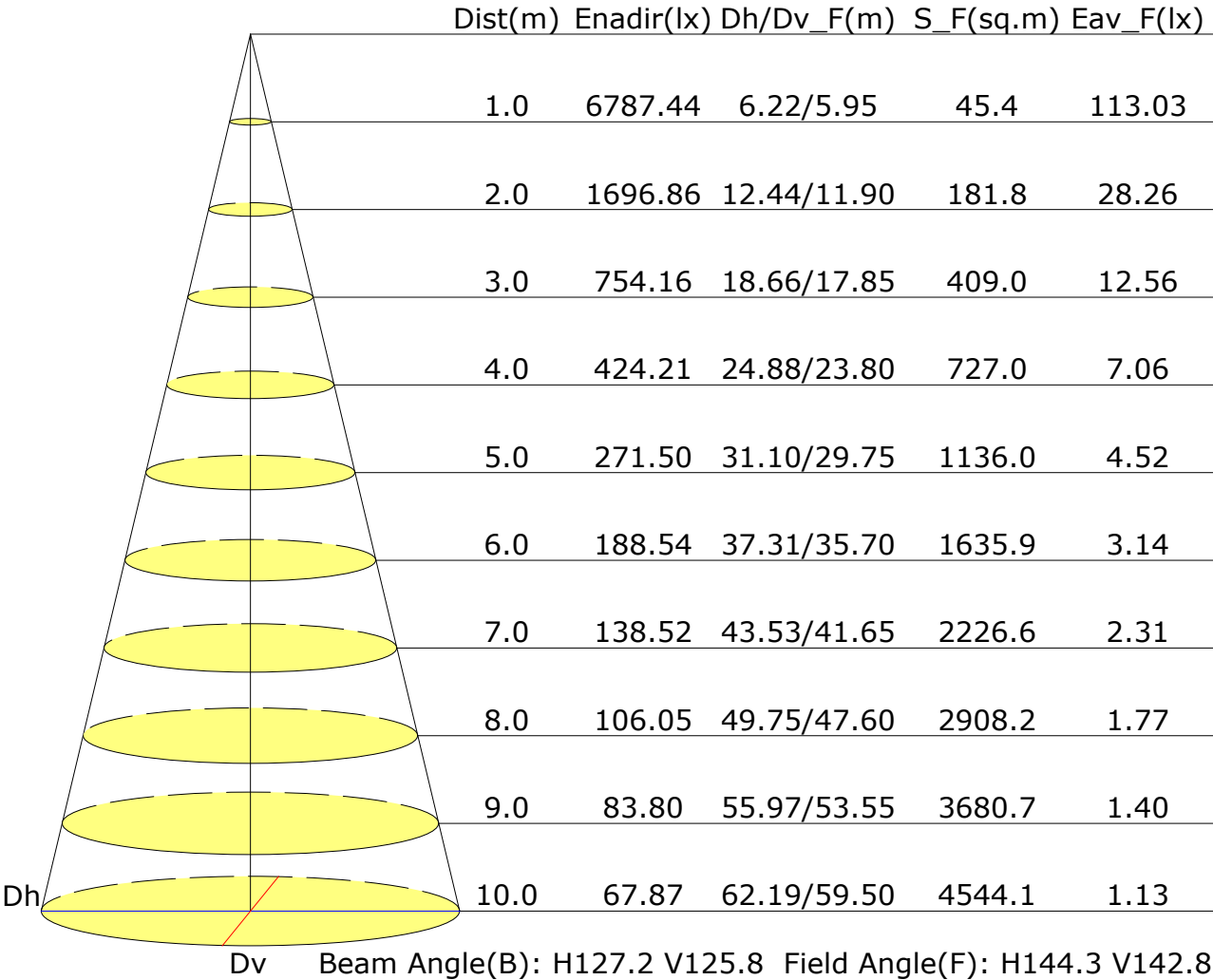
# Illuminance at a Distance(Beam Angle)



C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:

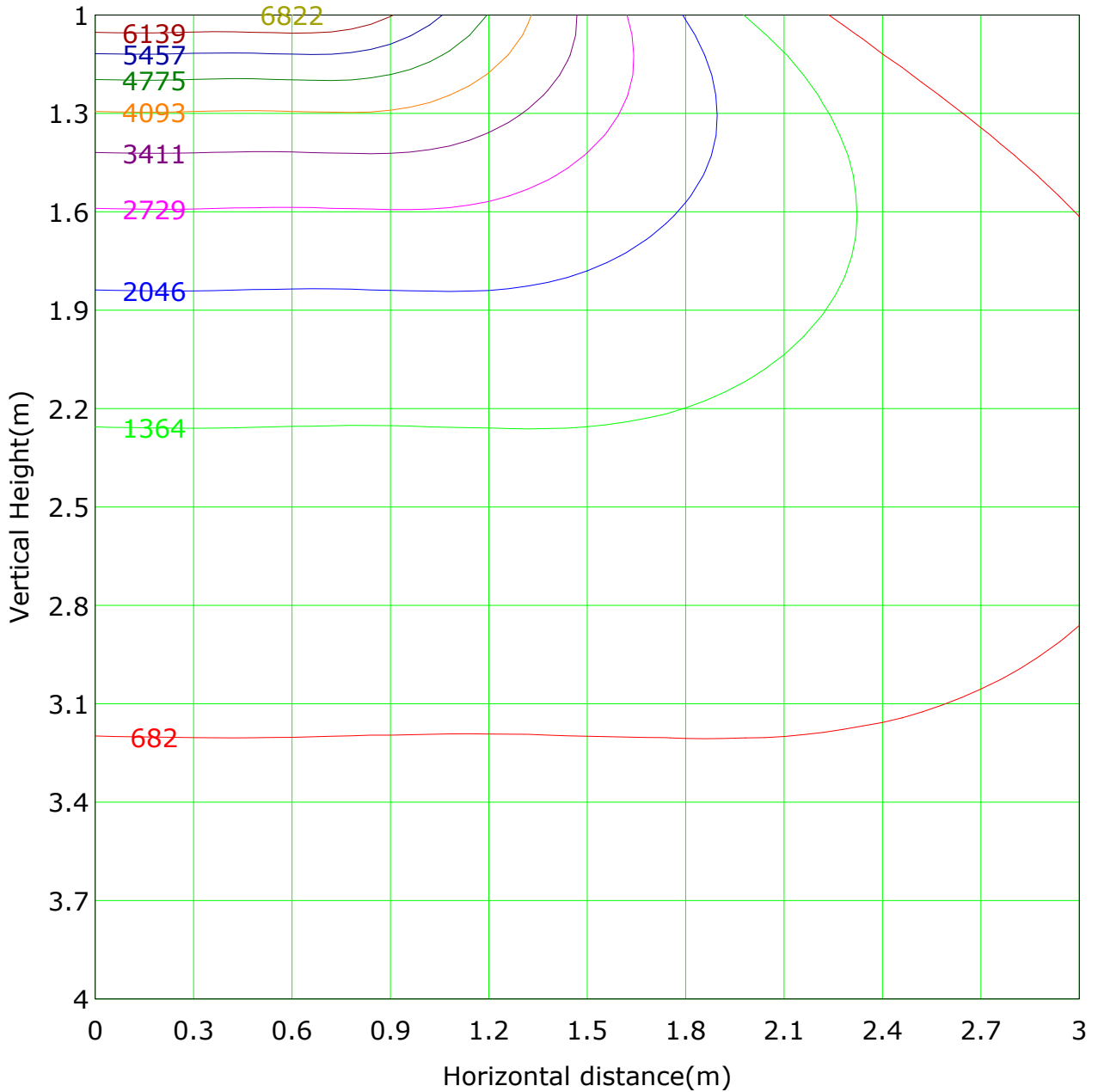
## Illuminance at a Distance(Field Angle)



C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:

## Vertical IsoLux Plot



Lowest(m): 1.0m		Highest(m): 4.0m		Max Lux: 6821.5 lx	
— ( 10%): 682.2 lx		— ( 20%):1364.3 lx		— ( 40%):2728.6 lx	
— ( 30%):2046.5 lx		— ( 50%):3410.8 lx		— ( 60%):4092.9 lx	
— ( 70%):4775.1 lx		— ( 80%):5457.2 lx		— (100%):6821.5 lx	
— ( 90%):6139.4 lx					

C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:

## Area Flux Table

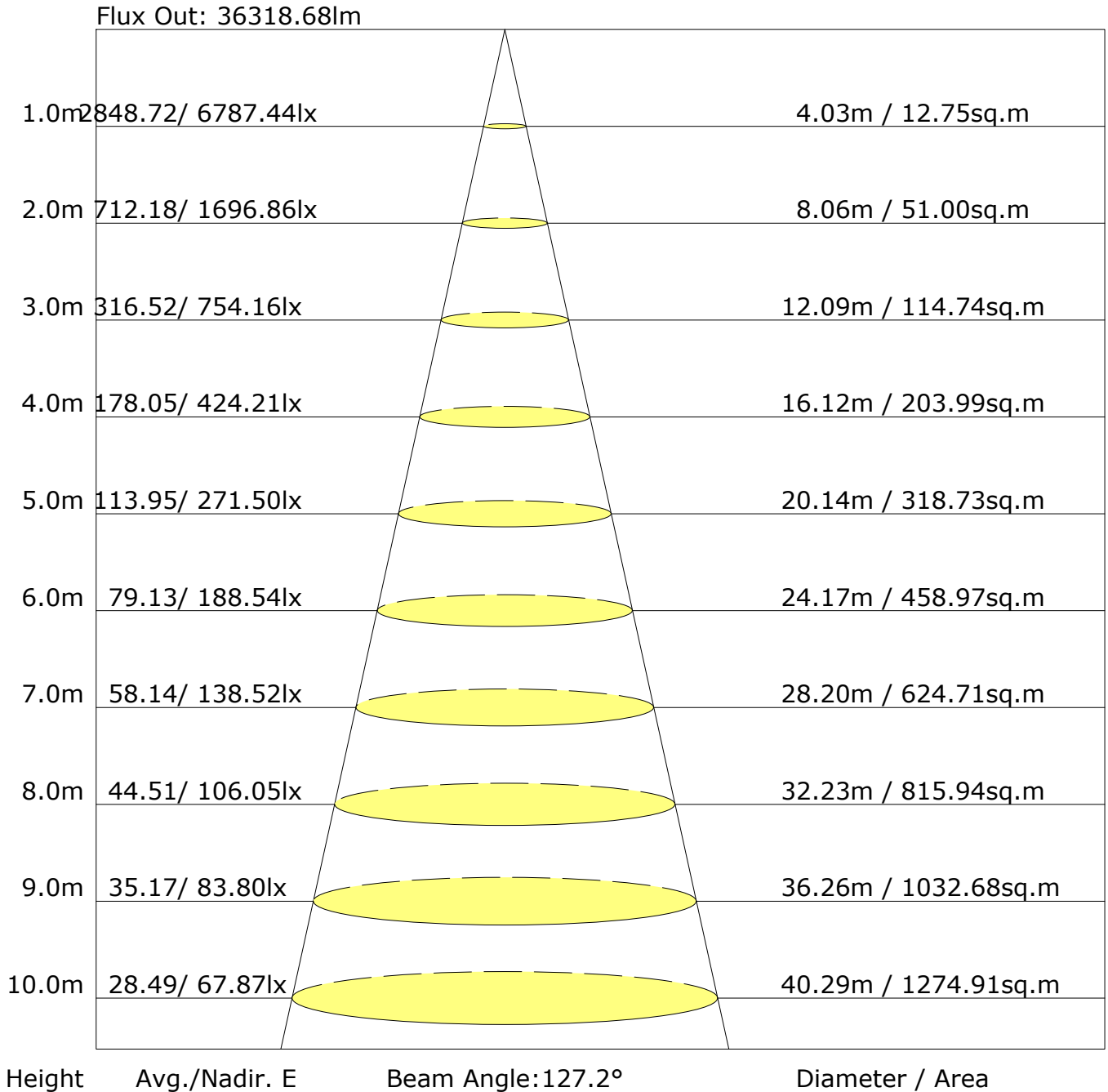
Unit: lm

Vertical plane		Horizontal plane																		
Flux(E)	Flux(T)	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
0.1	0.3	1.0	2.1	3.8	5.8	7.2	7.3	6.7	7.1	8.6	9.1	7.9	5.6	3.6	1.9	0.8	0.2	79.1	0.0	
0.1	1.0	3.7	9.5	17.5	27.0	34.1	34.2	29.3	31.1	39.0	40.0	31.9	21.1	12.2	5.3	1.6	0.2	338.8	140.1	
0.2	2.0	8.6	24.2	50.9	92.3	134.9	153.8	151.3	157.7	172.1	160.5	111.7	61.3	28.8	10.7	2.8	0.3	1324.2	282.5	
0.3	3.2	15.5	55.4	135.4	233.3	393.08	733.8	934.1	3344.6	6350.1	3330.4	257.4	154.0	65.2	18.4	4.2	0.4	2957.2	934.7	
0.3	4.6	25.5	106.3	232.2	315.4	356.5	366.2	361.3	362.0	369.2	362.5	323.3	243.8	118.6	29.9	5.6	0.5	3583.9	567.7	
0.4	5.8	38.2	154.3	270.7	319.7	332.6	326.8	316.4	315.9	325.9	331.9	320.1	274.4	164.9	44.2	6.9	0.6	3549.6	536.3	
0.5	6.8	50.9	180.8	269.7	299.5	290.4	272.4	259.3	258.9	270.5	287.1	295.9	270.8	188.4	58.3	7.9	0.7	3268.2	257.2	
0.5	7.2	59.9	188.6	258.4	272.5	254.2	234.9	224.8	225.0	233.8	251.7	270.1	259.2	194.4	68.1	8.4	0.7	3012.4	200.4	
0.5	7.1	62.0	186.4	247.1	253.6	232.5	217.2	210.3	210.6	217.2	232.6	253.9	249.1	191.7	70.5	8.1	0.7	2851.2	839.3	
0.5	7.0	61.6	185.7	245.8	251.4	230.2	215.0	208.8	209.1	215.7	231.2	252.7	248.3	191.3	70.5	8.1	0.7	2833.8	821.9	
0.5	7.1	58.8	186.5	254.6	266.0	247.0	229.0	220.2	220.1	229.0	247.2	266.6	256.9	193.3	68.0	8.3	0.7	2960.2	2948.2	
0.5	6.6	49.4	177.2	264.1	290.2	279.9	262.3	250.0	249.8	262.1	279.9	290.4	267.3	187.0	58.2	7.8	0.7	3183.2	171.6	
0.4	5.7	36.7	149.0	264.0	312.1	322.4	314.5	303.1	303.1	314.7	322.8	313.6	270.3	163.9	44.0	6.8	0.6	3447.2	2434.5	
0.3	4.5	24.3	101.1	225.6	311.4	352.1	358.2	350.6	350.7	358.8	353.8	317.0	240.4	118.3	29.6	5.4	0.5	3502.6	485.9	
0.2	3.2	14.9	52.3	130.1	231.3	310.0	336.3	334.6	335.7	340.6	332.0	250.4	150.8	64.4	17.9	4.0	0.4	2897.2	874.7	
0.2	1.9	8.3	23.0	48.2	88.7	131.6	147.3	139.5	143.7	159.6	149.5	104.6	58.5	27.8	10.2	2.7	0.3	1245.5	201.6	
0.1	0.9	3.5	8.9	16.5	25.6	32.3	32.5	27.7	29.2	36.2	37.2	30.0	20.0	11.4	4.9	1.5	0.2	318.6	116.1	
0.1	0.3	0.8	1.8	3.1	4.7	5.9	6.1	5.6	6.0	7.4	7.9	6.8	4.8	3.1	1.7	0.7	0.1	66.8	0.0	
5.7	75.1	523.8	793.2	2937.8	601.8	862.5	852.8	740.6	760.3	910.3	956.2	704.2	205.6	192.8	612.4	91.3	8.8	4142.1		
0.0	8.6	472.6	750.2	894.7	557.3	816.9	803.9	687.2	707.9	861.9	911.3	660.3	301.3	288.4	561.2	20.5	0.0			4061.3

C Plane (°): 0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°): 0.0-180.0: 1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:

## The Average Illuminance Effective Figure



C Plane (°): 0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°): 0.0-180.0: 1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:

## UGR Table

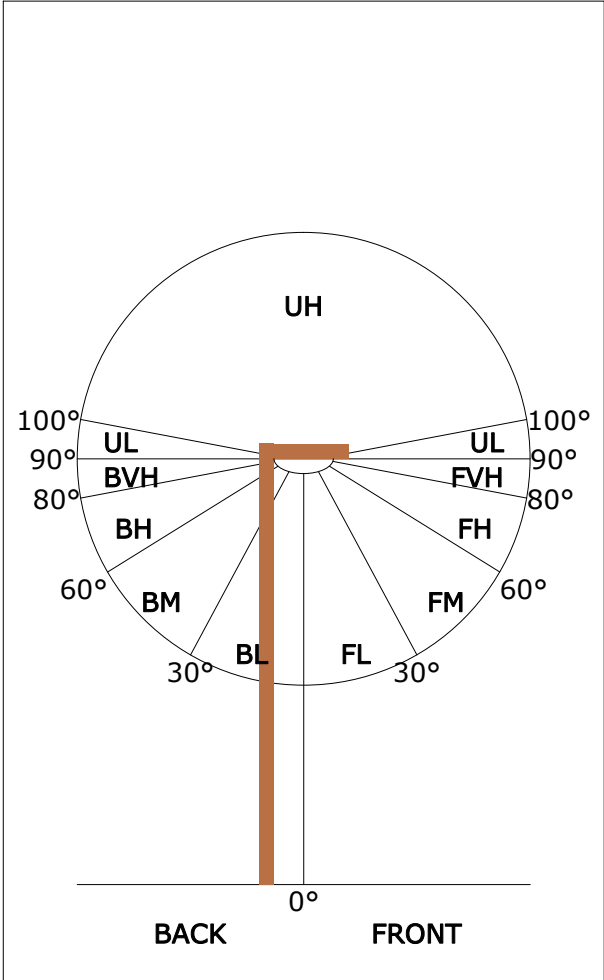
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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 41830lm ( $8\log(F/F_0) = 13.0$ ).

C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:

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



ZONE	LUMENS	% LAMP LUMENS
<b>FORWARD LIGHT</b>	<b>21030</b>	<b>50.3</b>
FL ( 0°-30°)	3308	7.9
FM (30°-60°)	13323	31.9
FH (60°-80°)	4230	10.1
FVH (80°-90°)	169	0.4
<b>BACK LIGHT</b>	<b>20394</b>	<b>48.8</b>
BL ( 0°-30°)	3310	7.9
BM (30°-60°)	13206	31.6
BH (60°-80°)	3752	9.0
BVH (80°-90°)	127	0.3
<b>UP LIGHT</b>	<b>406</b>	<b>1.0</b>
UL (90°-100°)	34	0.1
UH (100°-180°)	372	0.9
<b>TRAPPED LIGHT</b>	<b>0</b>	<b>0.0</b>

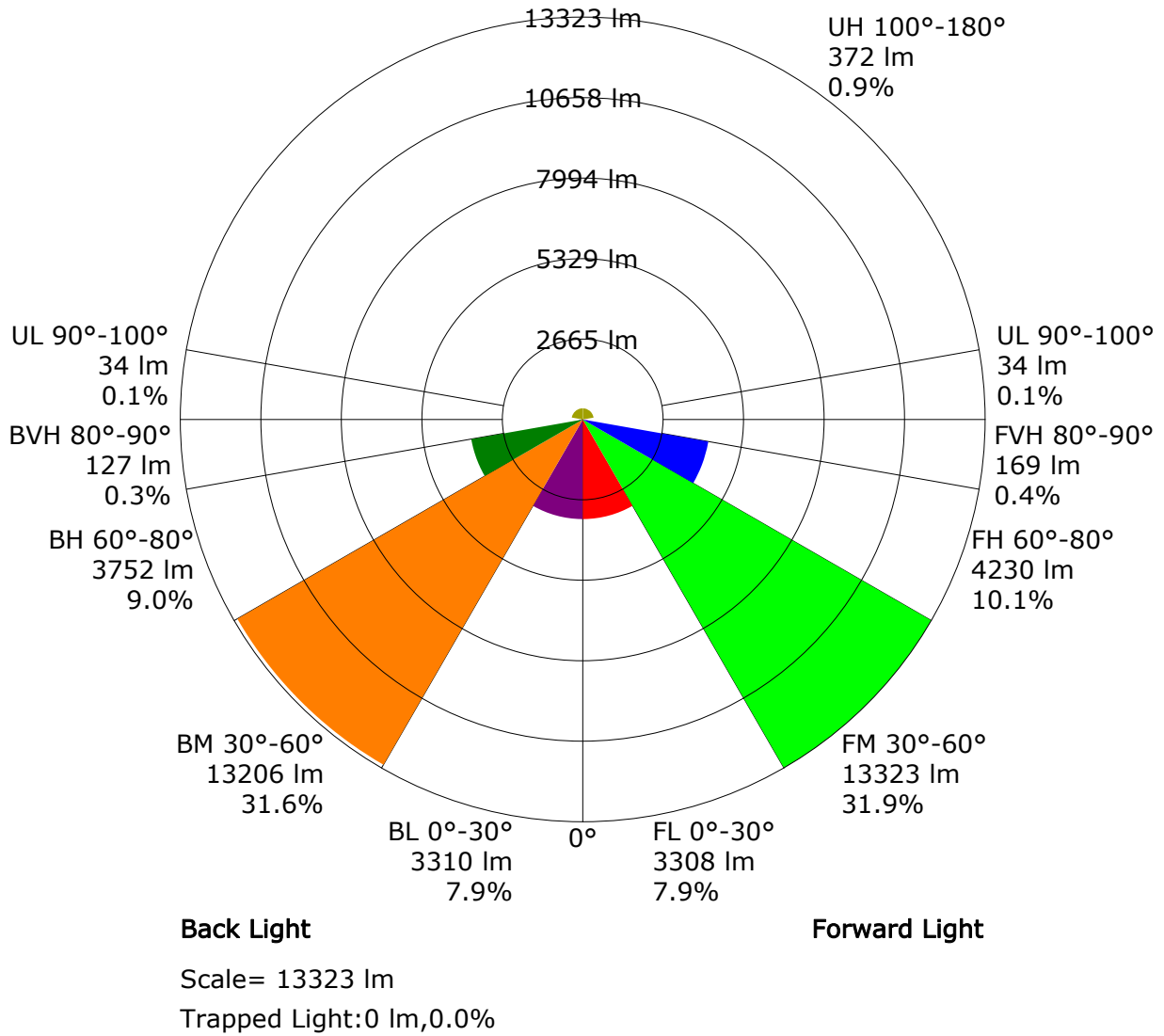
<b>BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07</b>	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B5 U5 G4
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U5 G2

C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:



## LCS Graph



C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:

## Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 2.25									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	NA	NA	0.77	0.82	0.90	0.95	0.98	1.02	1.05	
	0.30		NA	NA	0.70	0.75	0.84	0.90	0.93	0.98	1.01	
	0.20		NA	NA	0.64	0.70	0.79	0.85	0.90	0.95	0.99	
0.50	0.50	0.20	NA	NA	0.74	0.79	0.86	0.91	0.94	0.98	1.00	
	0.30		NA	NA	0.68	0.74	0.82	0.87	0.90	0.95	0.98	
	0.20		NA	NA	0.63	0.69	0.78	0.83	0.87	0.92	0.95	
0.30	0.50	0.20	NA	NA	0.72	0.77	0.83	0.88	0.90	0.94	0.96	
	0.30		NA	NA	0.67	0.72	0.79	0.84	0.87	0.91	0.94	
	0.20		NA	NA	0.63	0.68	0.76	0.81	0.85	0.89	0.92	
0.00	0.00	0.00	NA	NA	0.60	0.65	0.73	0.78	0.81	0.85	0.87	
<p>Rating:300W Photometrically tested without ceiling board.  Multiply UF values by service correction factors  Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 11.967 m  
Humidity:  
Inspector:

## Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 2.25								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	NA	NA	0.65	0.56	0.44	0.36	0.30	0.23	0.19
	0.30		NA	NA	0.57	0.50	0.40	0.33	0.28	0.22	0.18
	0.20		NA	NA	0.51	0.45	0.36	0.30	0.26	0.21	0.17
0.50	0.50	0.20	NA	NA	0.62	0.54	0.42	0.37	0.29	0.22	0.18
	0.30		NA	NA	0.55	0.48	0.38	0.31	0.27	0.21	0.17
	0.20		NA	NA	0.49	0.44	0.35	0.29	0.25	0.20	0.16
0.30	0.50	0.20	NA	NA	0.60	0.51	0.40	0.32	0.27	0.21	0.17
	0.30		NA	NA	0.54	0.47	0.37	0.30	0.26	0.20	0.16
	0.20		NA	NA	0.48	0.43	0.34	0.28	0.24	0.19	0.16
0.00	0.00	0.00	0.99	0.99	0.39	0.34	0.26	0.21	0.18	0.14	0.11
<p>Rating:300W Photometrically tested without ceiling board.  Multiply UF values by service correction factors  Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 11.967 m  
Humidity:  
Inspector:

## Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 2.25								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	NA	NA	0.19	0.19	0.20	0.21	0.21	0.22	0.22
	0.30		NA	NA	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		NA	NA	0.09	0.10	0.12	0.14	0.15	0.17	0.18
0.50	0.50	0.20	NA	NA	0.18	0.19	0.20	0.20	0.20	0.21	0.21
	0.30		NA	NA	0.13	0.14	0.15	0.17	0.17	0.19	0.19
	0.20		NA	NA	0.09	0.10	0.12	0.14	0.15	0.16	0.17
0.30	0.50	0.20	NA	NA	0.18	0.18	0.19	0.19	0.20	0.20	0.20
	0.30		NA	NA	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		NA	NA	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
<p>Rating:300W Photometrically tested without ceiling board.  Multiply UF values by service correction factors  Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 11.967 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	6776.5	6.5	6.5	0.02	0.02
1.0-2.0	6781.2	19.5	26.0	0.05	0.06
2.0-3.0	6789.8	32.5	58.4	0.08	0.14
3.0-4.0	6803.1	45.5	104.0	0.11	0.25
4.0-5.0	6820.6	58.7	162.7	0.14	0.39
5.0-6.0	6841.8	71.9	234.6	0.17	0.56
6.0-7.0	6867.6	85.3	319.8	0.20	0.76
7.0-8.0	6897.4	98.7	418.5	0.24	1.00
8.0-9.0	6931.1	112.3	530.9	0.27	1.27
9.0-10.0	6968.4	126.1	657.0	0.30	1.57
10.0-11.0	7009.0	140.1	797.1	0.33	1.91
11.0-12.0	7054.6	154.2	951.3	0.37	2.27
12.0-13.0	7105.7	168.7	1120.0	0.40	2.68
13.0-14.0	7161.5	183.3	1303.3	0.44	3.12
14.0-15.0	7221.5	198.3	1501.6	0.47	3.59
15.0-16.0	7287.8	213.6	1715.2	0.51	4.10
16.0-17.0	7362.6	229.3	1944.5	0.55	4.65
17.0-18.0	7443.6	245.5	2189.9	0.59	5.24
18.0-19.0	7530.3	262.0	2451.9	0.63	5.86
19.0-20.0	7624.7	279.1	2731.1	0.67	6.53
20.0-21.0	7728.4	296.8	3027.9	0.71	7.24
21.0-22.0	7842.3	315.2	3343.0	0.75	7.99
22.0-23.0	7964.9	334.2	3677.3	0.80	8.79
23.0-24.0	8095.1	354.0	4031.3	0.85	9.64
24.0-25.0	8234.4	374.5	4405.7	0.90	10.53
25.0-26.0	8385.2	395.9	4801.6	0.95	11.48
26.0-27.0	8547.4	418.2	5219.8	1.00	12.48
27.0-28.0	8717.2	441.4	5661.2	1.06	13.53
28.0-29.0	8894.5	465.4	6126.6	1.11	14.65
29.0-30.0	9087.1	490.7	6617.3	1.17	15.82
30.0-31.0	9288.4	517.0	7134.3	1.24	17.06
31.0-32.0	9490.4	543.8	7678.1	1.30	18.36
32.0-33.0	9699.6	571.5	8249.6	1.37	19.72
33.0-34.0	9914.2	600.1	8849.7	1.43	21.16
34.0-35.0	10131.8	629.3	9479.0	1.50	22.66
35.0-36.0	10349.9	659.1	10138.1	1.58	24.24

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.967 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	10563.1	689.0	10827.1	1.65	25.88
37.0-38.0	10777.6	719.5	11546.6	1.72	27.60
38.0-39.0	10992.3	750.4	12297.0	1.79	29.40
39.0-40.0	11194.9	780.9	13077.8	1.87	31.26
40.0-41.0	11384.3	810.8	13888.6	1.94	33.20
41.0-42.0	11565.8	840.4	14729.0	2.01	35.21
42.0-43.0	11739.9	869.8	15598.8	2.08	37.29
43.0-44.0	11901.2	898.4	16497.1	2.15	39.44
44.0-45.0	12043.9	925.7	17422.9	2.21	41.65
45.0-46.0	12171.4	952.0	18374.9	2.28	43.93
46.0-47.0	12283.6	977.1	19352.0	2.34	46.26
47.0-48.0	12376.4	1000.6	20352.6	2.39	48.66
48.0-49.0	12448.4	1022.4	21375.0	2.44	51.10
49.0-50.0	12497.7	1042.1	22417.1	2.49	53.59
50.0-51.0	12522.2	1059.6	23476.7	2.53	56.12
51.0-52.0	12516.9	1074.2	24551.0	2.57	58.69
52.0-53.0	12478.6	1085.6	25636.6	2.60	61.29
53.0-54.0	12404.0	1093.4	26730.0	2.61	63.90
54.0-55.0	12285.6	1096.8	27826.8	2.62	66.52
55.0-56.0	12115.1	1094.9	28921.7	2.62	69.14
56.0-57.0	11890.4	1087.3	30009.1	2.60	71.74
57.0-58.0	11601.1	1072.9	31082.0	2.57	74.31
58.0-59.0	11224.3	1049.5	32131.5	2.51	76.81
59.0-60.0	10738.7	1014.7	33146.1	2.43	79.24
60.0-61.0	10139.3	967.7	34113.9	2.31	81.55
61.0-62.0	9424.7	908.3	35022.2	2.17	83.72
62.0-63.0	8596.5	836.2	35858.3	2.00	85.72
63.0-64.0	7701.0	755.8	36614.1	1.81	87.53
64.0-65.0	6807.3	673.8	37287.9	1.61	89.14
65.0-66.0	5959.3	594.7	37882.6	1.42	90.56
66.0-67.0	5159.7	518.9	38401.4	1.24	91.80
67.0-68.0	4415.7	447.4	38848.8	1.07	92.87
68.0-69.0	3764.4	384.1	39232.9	0.92	93.79
69.0-70.0	3209.3	329.6	39562.5	0.79	94.58
70.0-71.0	2721.4	281.3	39843.9	0.67	95.25
71.0-72.0	2302.5	239.4	40083.3	0.57	95.82

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.967 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	1961.2	205.1	40288.4	0.49	96.31
73.0-74.0	1680.7	176.7	40465.1	0.42	96.74
74.0-75.0	1443.6	152.6	40617.7	0.36	97.10
75.0-76.0	1246.5	132.3	40750.0	0.32	97.42
76.0-77.0	1080.6	115.2	40865.3	0.28	97.69
77.0-78.0	936.3	100.2	40965.5	0.24	97.93
78.0-79.0	811.2	87.2	41052.7	0.21	98.14
79.0-80.0	699.0	75.4	41128.0	0.18	98.32
80.0-81.0	597.2	64.6	41192.6	0.15	98.48
81.0-82.0	502.7	54.5	41247.1	0.13	98.61
82.0-83.0	413.6	45.0	41292.1	0.11	98.71
83.0-84.0	332.8	36.3	41328.4	0.09	98.80
84.0-85.0	263.9	28.8	41357.2	0.07	98.87
85.0-86.0	206.2	22.5	41379.7	0.05	98.92
86.0-87.0	156.4	17.1	41396.8	0.04	98.96
87.0-88.0	113.9	12.5	41409.3	0.03	98.99
88.0-89.0	79.1	8.7	41418.0	0.02	99.01
89.0-90.0	52.4	5.7	41423.7	0.01	99.03
90.0-91.0	36.0	3.9	41427.7	0.01	99.04
91.0-92.0	28.9	3.2	41430.8	0.01	99.05
92.0-93.0	26.9	2.9	41433.8	0.01	99.05
93.0-94.0	26.9	2.9	41436.7	0.01	99.06
94.0-95.0	28.1	3.1	41439.8	0.01	99.07
95.0-96.0	30.0	3.3	41443.1	0.01	99.07
96.0-97.0	31.9	3.5	41446.5	0.01	99.08
97.0-98.0	33.6	3.6	41450.2	0.01	99.09
98.0-99.0	35.3	3.8	41454.0	0.01	99.10
99.0-100.0	37.1	4.0	41458.0	0.01	99.11
100.0-101.0	39.0	4.2	41462.2	0.01	99.12
101.0-102.0	41.0	4.4	41466.6	0.01	99.13
102.0-103.0	42.8	4.6	41471.2	0.01	99.14
103.0-104.0	44.7	4.8	41476.0	0.01	99.15
104.0-105.0	46.6	4.9	41480.9	0.01	99.17
105.0-106.0	48.4	5.1	41486.1	0.01	99.18
106.0-107.0	50.0	5.3	41491.3	0.01	99.19
107.0-108.0	51.5	5.4	41496.7	0.01	99.20

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.967 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	53.4	5.6	41502.3	0.01	99.22
109.0-110.0	55.3	5.7	41508.0	0.01	99.23
110.0-111.0	56.6	5.8	41513.8	0.01	99.24
111.0-112.0	57.9	5.9	41519.7	0.01	99.26
112.0-113.0	59.2	6.0	41525.7	0.01	99.27
113.0-114.0	60.6	6.1	41531.8	0.01	99.29
114.0-115.0	62.1	6.2	41538.0	0.01	99.30
115.0-116.0	63.5	6.3	41544.3	0.02	99.32
116.0-117.0	65.1	6.4	41550.7	0.02	99.33
117.0-118.0	66.3	6.5	41557.1	0.02	99.35
118.0-119.0	67.2	6.5	41563.6	0.02	99.36
119.0-120.0	68.3	6.5	41570.1	0.02	99.38
120.0-121.0	69.2	6.5	41576.7	0.02	99.39
121.0-122.0	70.1	6.6	41583.2	0.02	99.41
122.0-123.0	71.0	6.6	41589.8	0.02	99.43
123.0-124.0	71.9	6.6	41596.3	0.02	99.44
124.0-125.0	72.5	6.6	41602.9	0.02	99.46
125.0-126.0	73.1	6.5	41609.4	0.02	99.47
126.0-127.0	74.1	6.5	41616.0	0.02	99.49
127.0-128.0	75.0	6.5	41622.5	0.02	99.50
128.0-129.0	75.7	6.5	41629.0	0.02	99.52
129.0-130.0	76.5	6.5	41635.5	0.02	99.53
130.0-131.0	77.5	6.5	41641.9	0.02	99.55
131.0-132.0	78.4	6.4	41648.4	0.02	99.57
132.0-133.0	79.3	6.4	41654.8	0.02	99.58
133.0-134.0	80.2	6.4	41661.1	0.02	99.60
134.0-135.0	81.0	6.3	41667.5	0.02	99.61
135.0-136.0	81.6	6.3	41673.8	0.01	99.63
136.0-137.0	82.4	6.2	41680.0	0.01	99.64
137.0-138.0	83.1	6.2	41686.1	0.01	99.66
138.0-139.0	83.7	6.1	41692.2	0.01	99.67
139.0-140.0	84.5	6.0	41698.2	0.01	99.68
140.0-141.0	85.2	5.9	41704.2	0.01	99.70
141.0-142.0	85.9	5.9	41710.0	0.01	99.71
142.0-143.0	87.1	5.8	41715.9	0.01	99.73
143.0-144.0	88.3	5.8	41721.6	0.01	99.74

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.967 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	89.1	5.7	41727.3	0.01	99.75
145.0-146.0	89.9	5.6	41732.9	0.01	99.77
146.0-147.0	90.1	5.5	41738.3	0.01	99.78
147.0-148.0	90.7	5.3	41743.7	0.01	99.79
148.0-149.0	91.5	5.2	41748.9	0.01	99.81
149.0-150.0	91.8	5.1	41754.0	0.01	99.82
150.0-151.0	92.0	5.0	41759.0	0.01	99.83
151.0-152.0	92.1	4.8	41763.8	0.01	99.84
152.0-153.0	92.2	4.7	41768.5	0.01	99.85
153.0-154.0	92.1	4.5	41773.0	0.01	99.86
154.0-155.0	91.6	4.3	41777.3	0.01	99.87
155.0-156.0	91.6	4.2	41781.5	0.01	99.88
156.0-157.0	91.6	4.0	41785.5	0.01	99.89
157.0-158.0	91.2	3.8	41789.3	0.01	99.90
158.0-159.0	90.7	3.6	41792.9	0.01	99.91
159.0-160.0	90.7	3.5	41796.4	0.01	99.92
160.0-161.0	90.7	3.3	41799.8	0.01	99.93
161.0-162.0	90.4	3.1	41802.9	0.01	99.94
162.0-163.0	90.2	3.0	41805.9	0.01	99.94
163.0-164.0	89.8	2.8	41808.7	0.01	99.95
164.0-165.0	89.8	2.6	41811.3	0.01	99.96
165.0-166.0	89.6	2.5	41813.8	0.01	99.96
166.0-167.0	89.0	2.3	41816.0	0.01	99.97
167.0-168.0	88.4	2.1	41818.1	0.01	99.97
168.0-169.0	88.0	1.9	41820.1	0.00	99.98
169.0-170.0	87.6	1.8	41821.8	0.00	99.98
170.0-171.0	87.0	1.6	41823.4	0.00	99.98
171.0-172.0	86.5	1.4	41824.8	0.00	99.99
172.0-173.0	86.4	1.2	41826.0	0.00	99.99
173.0-174.0	86.2	1.1	41827.1	0.00	99.99
174.0-175.0	86.3	0.9	41828.0	0.00	100.00
175.0-176.0	86.3	0.7	41828.7	0.00	100.00
176.0-177.0	86.2	0.6	41829.3	0.00	100.00
177.0-178.0	86.2	0.4	41829.7	0.00	100.00
178.0-179.0	86.3	0.2	41830.0	0.00	100.00
179.0-180.0	86.4	0.1	41830.1	0.00	100.00

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.967 m

Humidity:

Inspector:

## Candlepower Table

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G0.0	6787.4	6778.2	6778.7	6769.8	6772.3	6763.8	6787.4	6778.2	6778.7	6769.8
G1.0	6796.1	6782.0	6777.0	6768.3	6769.3	6760.6	6787.2	6782.0	6784.0	6778.7
G2.0	6805.6	6787.7	6778.5	6771.3	6771.0	6763.3	6787.9	6789.2	6795.6	6789.7
G3.0	6818.0	6796.4	6785.7	6776.3	6779.2	6771.0	6799.4	6799.9	6810.6	6804.1
G4.0	6837.4	6808.6	6794.4	6786.5	6786.5	6784.0	6814.8	6822.0	6827.0	6825.0
G5.0	6859.8	6825.0	6809.3	6799.4	6802.6	6800.4	6830.5	6844.2	6849.9	6848.9
G6.0	6884.0	6845.6	6826.8	6819.3	6822.5	6822.0	6851.6	6866.8	6874.0	6873.5
G7.0	6914.3	6873.0	6850.6	6841.2	6847.6	6853.6	6878.0	6897.9	6904.4	6904.1
G8.0	6945.2	6900.6	6879.7	6865.1	6877.5	6882.2	6906.6	6932.5	6938.9	6937.4
G9.0	6980.2	6934.5	6912.1	6892.9	6910.1	6915.3	6943.4	6972.8	6979.5	6976.8
G10.0	7017.5	6970.5	6945.2	6923.8	6944.2	6954.1	6981.0	7020.0	7021.0	7015.1
G11.0	7060.3	7011.1	6982.2	6959.8	6984.5	6995.6	7021.3	7069.0	7069.8	7058.8
G12.0	7102.6	7057.4	7027.0	6997.4	7028.0	7044.2	7064.8	7124.5	7129.5	7104.9
G13.0	7151.1	7108.6	7077.0	7040.4	7079.5	7094.2	7116.0	7191.2	7188.7	7161.3
G14.0	7205.6	7164.6	7132.7	7084.5	7134.0	7151.9	7169.8	7258.1	7254.1	7216.3
G15.0	7261.3	7225.3	7191.7	7135.7	7192.9	7212.3	7227.8	7331.2	7325.0	7280.5
G16.0	7333.7	7293.2	7258.4	7190.7	7260.6	7282.7	7291.2	7409.3	7403.1	7345.7
G17.0	7402.9	7376.0	7327.5	7257.1	7335.0	7367.5	7358.9	7505.9	7496.4	7430.5
G18.0	7479.7	7456.6	7416.6	7324.5	7414.6	7448.9	7433.7	7596.4	7587.7	7511.8
G19.0	7561.3	7545.2	7501.9	7399.9	7511.6	7539.5	7525.5	7695.4	7689.0	7603.4
G20.0	7651.6	7640.2	7594.4	7482.0	7606.6	7636.5	7615.6	7805.4	7799.1	7703.1
G21.0	7758.6	7754.1	7696.7	7582.2	7709.1	7753.1	7711.1	7922.5	7919.5	7810.4
G22.0	7867.1	7865.8	7807.4	7685.5	7821.3	7865.3	7817.8	8047.4	8057.6	7942.2
G23.0	7984.2	7991.2	7934.7	7796.4	7953.1	7986.0	7944.2	8190.2	8194.2	8070.5
G24.0	8125.3	8120.5	8064.8	7913.6	8080.5	8112.8	8071.5	8334.0	8340.5	8207.9
G25.0	8263.6	8271.5	8200.7	8057.4	8218.6	8262.1	8205.9	8486.0	8495.2	8355.9
G26.0	8409.9	8421.5	8350.4	8195.9	8366.3	8415.6	8349.9	8665.6	8679.0	8512.6
G27.0	8564.8	8582.3	8523.8	8344.7	8539.7	8574.3	8517.8	8835.5	8853.9	8696.4
G28.0	8730.3	8753.9	8694.7	8502.2	8709.1	8747.4	8677.8	9018.8	9035.0	8870.8
G29.0	8901.7	8929.8	8874.3	8669.1	8887.2	8926.3	8846.4	9210.4	9245.7	9051.7
G30.0	9098.2	9140.2	9063.6	8859.1	9072.3	9138.7	9043.0	9433.8	9449.7	9260.4
G31.0	9284.0	9336.7	9279.3	9040.0	9290.5	9337.5	9223.3	9646.2	9660.9	9459.1
G32.0	9471.6	9536.8	9485.3	9226.0	9494.0	9538.0	9413.9	9865.1	9880.3	9660.6
G33.0	9679.8	9763.1	9696.7	9433.0	9705.7	9750.4	9605.2	10087.5	10103.9	9865.6
G34.0	9870.1	9978.8	9914.9	9629.8	9920.8	9980.8	9793.5	10314.1	10351.2	10069.8
G35.0	10059.2	10195.7	10138.0	9824.1	10138.5	10199.0	10000.4	10566.6	10578.3	10292.5
G36.0	10243.5	10413.1	10380.8	10019.6	10382.8	10414.9	10185.0	10795.2	10803.9	10489.5

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.967 m

Humidity:

Inspector:

## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G37.0	10422.6	10630.5	10605.7	10209.2	10607.7	10634.8	10363.6	11022.6	11026.6	10681.5
G38.0	10615.9	10869.4	10835.8	10418.4	10829.8	10873.8	10532.0	11248.0	11265.6	10861.9
G39.0	10775.1	11082.8	11083.5	10593.7	11071.8	11086.3	10709.4	11485.5	11481.6	11053.0
G40.0	10924.3	11290.0	11303.9	10766.9	11289.8	11296.0	10855.2	11694.3	11688.5	11212.7
G41.0	11061.9	11488.5	11518.9	10923.6	11503.7	11494.7	10984.0	11891.5	11883.3	11356.7
G42.0	11187.5	11679.6	11726.1	11068.9	11709.4	11686.5	11101.0	12100.5	12093.3	11490.5
G43.0	11307.2	11882.1	11927.6	11210.9	11906.9	11884.8	11207.4	12272.1	12268.6	11616.1
G44.0	11403.0	12053.2	12130.3	11325.1	12108.2	12053.0	11288.8	12438.5	12432.3	11718.6
G45.0	11483.3	12210.9	12305.0	11417.6	12283.3	12201.5	11351.2	12580.8	12580.1	11797.2
G46.0	11549.5	12367.9	12467.4	11495.2	12444.8	12350.0	11396.7	12706.0	12728.3	11857.7
G47.0	11591.3	12502.5	12615.4	11545.2	12589.8	12467.2	11425.3	12825.6	12843.8	11894.0
G48.0	11615.6	12621.1	12758.0	11572.4	12735.8	12565.4	11435.3	12913.2	12939.3	11908.4
G49.0	11619.6	12723.9	12867.9	11576.8	12841.0	12640.8	11426.1	12978.3	13012.7	11903.2
G50.0	11597.7	12807.0	12958.7	11559.4	12921.6	12690.0	11394.7	13020.2	13060.5	11874.3
G51.0	11546.0	12869.4	13019.7	11519.1	12971.1	12716.2	11341.5	13035.3	13075.1	11821.4
G52.0	11461.7	12897.5	13056.2	11449.2	12987.3	12704.0	11246.0	13021.9	13055.0	11732.3
G53.0	11341.3	12890.0	13051.0	11350.7	12956.2	12660.4	11122.1	12979.6	12999.0	11621.4
G54.0	11176.3	12843.8	13006.7	11216.1	12890.8	12577.8	10952.9	12904.0	12894.5	11473.6
G55.0	10970.4	12745.5	12921.6	11036.5	12781.3	12457.0	10702.9	12780.1	12749.0	11260.4
G56.0	10692.5	12602.2	12787.3	10764.9	12618.4	12261.2	10402.9	12608.2	12552.5	11007.4
G57.0	10396.5	12407.5	12584.8	10448.0	12397.5	12024.8	10035.3	12376.8	12297.5	10687.5
G58.0	10051.4	12158.7	12345.8	10024.3	12073.9	11706.2	9594.5	12068.9	11936.5	10285.8
G59.0	9597.5	11803.5	12031.3	9408.9	11667.9	11245.5	9071.3	11658.2	11509.7	9785.0
G60.0	9095.5	11400.5	11584.8	8622.5	11144.7	10700.7	8416.3	11079.1	10974.3	9087.0
G61.0	8508.6	10895.5	11047.7	7641.9	10398.5	10037.0	7738.2	10441.2	10322.3	8283.0
G62.0	7816.1	10294.7	10387.0	6539.9	9595.7	9284.5	6939.9	9703.4	9488.7	7291.4
G63.0	6880.0	9537.5	9606.7	5408.8	8717.1	8399.7	5989.7	8906.6	8654.9	6228.0
G64.0	5842.1	8741.0	8730.0	4533.2	7804.1	7569.0	4922.5	7980.3	7801.9	5117.3
G65.0	4816.0	7927.5	7720.0	3756.0	6820.3	6759.6	4102.1	7156.1	6960.1	4275.0
G66.0	4005.3	7081.2	6831.7	3010.0	5989.7	5983.2	3384.4	6342.9	6057.1	3505.3
G67.0	3281.6	6272.3	5973.7	2402.8	5198.1	5249.4	2683.6	5499.6	5281.2	2719.9
G68.0	2571.9	5443.4	5106.3	1933.1	4463.8	4490.9	2181.6	4769.0	4555.6	2156.0
G69.0	2082.1	4744.1	4383.7	1637.3	3721.7	3855.6	1813.2	4093.9	3893.4	1771.2
G70.0	1731.6	4114.8	3733.4	1411.5	3140.9	3281.9	1536.3	3491.6	3264.0	1500.5
G71.0	1448.5	3456.5	3161.5	1232.9	2638.9	2728.7	1315.4	2904.3	2762.7	1280.4
G72.0	1253.5	2925.9	2622.2	1072.7	2204.0	2324.9	1115.7	2469.2	2350.3	1125.6
G73.0	1094.8	2462.5	2221.9	948.3	1896.8	1991.8	971.2	2110.7	2014.2	995.3

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.967 m

Humidity:

Inspector:

## Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G74.0	960.2	2083.9	1907.8	840.6	1648.0	1714.2	847.0	1819.7	1721.7	882.3
G75.0	832.8	1758.2	1657.3	733.1	1441.1	1460.7	736.1	1537.3	1500.0	773.9
G76.0	734.6	1504.3	1452.5	646.0	1261.0	1256.5	632.1	1314.4	1316.2	686.8
G77.0	645.8	1287.8	1255.3	567.4	1088.3	1080.1	545.3	1127.6	1153.8	608.0
G78.0	564.9	1108.7	1101.3	502.3	951.0	926.6	473.4	962.0	996.5	537.3
G79.0	492.3	954.7	964.7	439.1	827.9	792.3	401.5	806.7	874.9	468.2
G80.0	420.9	805.2	842.3	377.4	712.2	651.8	345.5	681.8	761.7	411.2
G81.0	363.9	680.9	719.4	325.1	582.8	536.8	292.0	565.2	658.2	362.0
G82.0	314.2	569.2	601.3	279.6	464.4	421.6	245.3	455.0	539.8	315.7
G83.0	268.4	462.5	485.8	236.3	364.2	330.9	201.0	349.8	432.4	266.9
G84.0	224.4	363.4	389.8	192.8	283.1	244.3	155.0	268.2	341.5	229.6
G85.0	186.8	289.3	300.8	156.0	210.2	184.1	120.7	206.0	266.2	192.5
G86.0	152.0	229.9	234.1	121.2	155.0	130.4	86.6	150.3	200.3	158.5
G87.0	117.9	178.4	176.4	84.3	109.7	88.6	54.2	101.7	149.3	122.1
G88.0	87.6	128.4	129.6	55.0	71.6	51.2	26.4	67.9	108.7	91.5
G89.0	58.7	87.8	81.8	33.1	41.0	33.1	19.9	41.3	71.2	64.7
G90.0	34.3	46.5	47.0	26.1	31.6	28.6	21.1	31.1	40.8	38.8
G91.0	24.4	28.1	34.6	24.1	29.4	26.1	22.1	27.1	37.1	28.9
G92.0	22.1	20.6	28.6	21.4	27.6	27.1	24.1	28.1	32.3	27.1
G93.0	24.9	21.4	27.6	22.4	28.1	28.9	21.4	29.4	31.1	26.4
G94.0	25.9	24.1	28.9	23.9	29.4	29.1	23.1	31.1	30.9	23.1
G95.0	27.6	23.4	30.6	26.1	31.3	31.3	24.4	33.1	32.8	25.4
G96.0	30.1	25.4	31.6	28.4	33.6	33.6	26.4	35.8	35.1	26.1
G97.0	29.9	27.4	33.8	31.1	36.3	34.8	28.6	37.8	35.3	28.9
G98.0	33.1	29.6	34.1	31.1	37.3	35.8	30.1	39.3	38.8	31.3
G99.0	35.1	30.4	37.6	33.1	39.3	36.8	33.3	40.3	40.5	34.1
G100.0	37.1	33.1	39.8	36.1	41.8	40.3	33.8	43.5	41.8	34.3
G101.0	38.6	35.3	40.5	37.6	44.0	44.8	35.6	44.5	43.8	36.6
G102.0	40.0	37.1	44.5	38.1	45.8	44.3	38.3	46.0	45.3	39.3
G103.0	43.0	40.8	43.8	40.5	48.3	45.8	39.5	48.5	47.0	40.3
G104.0	43.5	39.8	48.3	43.8	49.0	47.5	43.0	51.0	49.5	42.8
G105.0	46.3	39.8	48.8	46.8	50.3	48.5	43.8	52.2	51.7	45.3
G106.0	46.5	42.0	51.7	48.5	53.0	51.2	45.8	54.0	52.5	47.8
G107.0	50.3	43.3	51.7	50.0	52.2	53.5	48.3	56.2	53.5	49.0
G108.0	51.0	46.0	54.7	52.0	54.0	53.0	48.3	58.0	56.2	49.8
G109.0	55.5	48.5	55.5	53.7	55.2	55.2	51.0	59.2	59.7	52.2
G110.0	57.7	49.8	58.7	54.2	56.5	57.7	52.7	60.2	60.2	54.0

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.967 m

Humidity:

Inspector:

## Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G111.0	56.7	53.2	60.5	56.0	59.7	58.5	52.5	61.2	61.0	53.7
G112.0	58.0	54.7	60.0	58.0	58.5	60.0	57.0	63.9	61.7	55.0
G113.0	60.5	54.2	61.4	59.7	59.7	61.9	55.2	64.9	64.7	57.5
G114.0	62.2	55.5	64.2	61.2	63.2	61.2	56.5	66.9	64.2	60.7
G115.0	63.7	59.2	63.9	63.2	63.7	63.4	59.7	66.7	64.4	61.7
G116.0	64.4	59.2	65.7	63.7	65.9	65.2	61.2	68.4	66.4	62.4
G117.0	67.4	61.4	66.4	65.2	66.7	67.2	62.9	70.9	68.2	64.7
G118.0	67.2	62.4	67.7	66.4	67.7	65.9	63.4	70.7	70.4	65.7
G119.0	68.2	63.2	70.4	68.9	68.4	66.7	64.9	72.9	69.7	67.9
G120.0	71.9	62.9	70.7	67.9	68.7	68.9	65.2	74.1	70.4	69.4
G121.0	72.1	63.9	71.9	71.6	69.9	71.6	68.7	73.1	70.4	68.7
G122.0	72.9	64.9	68.7	71.6	70.4	72.4	70.2	74.6	71.9	69.9
G123.0	74.4	66.9	69.9	73.1	71.6	72.1	71.2	76.1	73.1	70.2
G124.0	75.4	66.7	70.7	72.6	73.6	73.6	71.4	77.1	72.6	71.6
G125.0	75.6	68.2	71.4	73.1	74.9	73.6	73.9	76.9	73.1	71.9
G126.0	75.4	71.4	71.6	73.4	73.6	75.6	74.1	75.4	74.6	71.6
G127.0	77.9	72.1	73.9	73.4	75.9	76.6	73.9	76.1	75.6	74.9
G128.0	77.6	73.1	73.4	75.1	75.9	76.4	75.1	76.1	77.1	75.6
G129.0	78.6	74.1	74.6	75.6	77.4	78.1	76.1	74.6	78.9	76.6
G130.0	78.9	73.4	76.6	76.6	79.6	79.3	76.9	76.9	78.6	75.4
G131.0	80.6	73.6	77.4	77.1	81.3	80.1	76.6	77.1	79.6	80.8
G132.0	80.6	74.4	76.4	77.9	83.3	80.1	79.6	79.8	81.8	78.4
G133.0	81.8	74.4	79.3	79.6	85.1	81.6	80.1	81.1	80.1	78.9
G134.0	83.1	76.6	79.3	79.8	82.8	84.6	79.1	80.1	82.8	79.8
G135.0	84.1	77.1	80.1	81.8	84.6	84.6	79.8	81.6	83.3	82.1
G136.0	84.8	77.6	79.3	81.8	86.3	84.1	81.6	83.3	82.1	79.8
G137.0	84.6	79.3	81.6	83.8	85.8	84.8	83.3	84.3	83.3	82.3
G138.0	85.3	79.6	83.3	83.3	86.8	86.3	82.1	84.8	83.8	82.8
G139.0	87.3	79.8	82.8	84.3	86.8	87.6	83.1	84.8	86.1	82.3
G140.0	86.6	80.6	85.6	86.3	87.8	90.1	82.8	84.1	86.6	81.6
G141.0	86.6	82.6	86.3	86.6	89.6	88.8	83.1	84.3	85.8	83.6
G142.0	86.6	82.3	87.1	87.3	90.6	90.3	83.6	85.8	87.1	84.1
G143.0	90.3	82.8	90.1	89.3	92.3	91.1	84.8	87.1	89.1	85.3
G144.0	91.1	83.1	89.8	89.1	92.0	91.3	85.6	87.8	89.6	86.1
G145.0	91.1	85.1	90.1	91.1	94.3	93.3	87.1	88.8	90.1	85.1
G146.0	90.8	85.8	90.3	91.5	94.0	93.8	87.6	89.6	90.8	86.6
G147.0	91.5	86.1	91.1	93.3	92.5	92.3	87.6	88.3	91.1	88.1

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.967 m

Humidity:

Inspector:

**Candlepower Table (Continue 4)**

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G148.0	93.0	86.6	92.0	93.0	94.0	94.3	87.8	90.1	92.5	88.3
G149.0	94.5	86.8	92.0	92.0	95.3	94.3	88.3	89.8	92.8	89.6
G150.0	94.0	85.8	92.8	91.5	93.8	95.0	88.1	92.5	92.8	90.3
G151.0	96.0	86.1	94.3	91.5	94.5	95.5	87.3	91.1	93.3	89.8
G152.0	94.8	86.6	92.5	93.3	94.5	96.3	87.3	91.3	92.3	89.8
G153.0	93.5	86.6	93.0	94.0	94.8	96.8	87.6	94.0	93.5	89.3
G154.0	93.0	87.6	92.5	92.5	94.3	96.3	87.8	90.6	90.8	90.1
G155.0	92.5	87.6	95.5	91.5	94.5	95.8	87.6	91.3	88.6	90.3
G156.0	92.8	87.8	93.5	91.8	95.8	95.0	87.6	90.3	88.3	90.3
G157.0	92.3	88.3	93.5	91.5	94.5	95.8	86.8	91.3	87.3	89.3
G158.0	92.3	85.6	92.8	91.1	93.3	96.8	84.6	91.1	87.1	91.1
G159.0	93.0	85.8	92.8	91.1	92.3	94.3	86.1	88.8	87.3	89.6
G160.0	93.0	87.1	92.3	92.0	91.8	95.0	86.3	89.8	85.3	89.8
G161.0	91.8	86.8	92.0	92.0	91.3	93.0	87.6	89.1	85.8	89.3
G162.0	91.3	85.8	92.0	91.1	90.6	93.5	86.6	89.8	88.3	88.8
G163.0	91.3	83.8	91.1	91.8	91.3	93.3	85.8	87.3	88.1	88.3
G164.0	91.5	85.3	89.6	91.3	91.8	92.5	86.3	87.3	86.1	89.1
G165.0	91.1	84.1	90.1	92.3	88.6	93.3	87.1	89.8	88.1	88.6
G166.0	90.3	82.6	89.8	90.3	90.6	92.3	87.1	88.6	86.1	88.6
G167.0	88.6	82.1	89.6	90.3	89.3	91.3	84.6	88.3	86.8	89.3
G168.0	87.3	82.6	88.8	91.5	88.8	90.1	84.8	89.3	85.1	89.3
G169.0	88.1	81.8	87.3	90.8	88.6	92.0	83.8	85.6	84.1	91.1
G170.0	88.6	81.3	87.3	91.1	89.8	90.1	81.6	84.3	87.6	89.8
G171.0	86.6	80.1	88.6	89.6	88.1	89.3	79.8	84.8	85.6	88.6
G172.0	85.8	80.3	87.6	89.3	87.1	88.6	81.3	85.1	85.3	89.8
G173.0	87.3	78.4	87.3	88.8	85.6	89.1	81.6	86.8	84.1	89.3
G174.0	87.8	78.4	85.6	90.3	86.8	88.6	81.3	85.6	84.6	87.8
G175.0	86.3	80.1	88.1	89.3	86.8	89.1	80.1	86.3	84.6	89.1
G176.0	85.3	80.3	88.8	89.8	87.1	88.1	80.3	85.3	83.6	87.8
G177.0	88.1	77.1	87.6	90.8	88.3	89.8	79.1	86.1	83.8	88.3
G178.0	88.3	79.1	88.3	90.8	88.6	88.3	78.9	85.1	83.8	86.8
G179.0	87.8	78.9	87.1	90.3	88.8	88.8	79.3	86.1	84.3	88.3
G180.0	86.3	79.3	85.1	89.1	84.8	88.8	82.6	87.1	85.6	88.8

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.967 m

Humidity:

Inspector:

### Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0						
G0.0	6772.3	6763.8	6787.4						
G1.0	6780.7	6770.5	6796.1						
G2.0	6790.7	6781.2	6805.6						
G3.0	6806.4	6797.1	6818.0						
G4.0	6827.5	6817.0	6837.4						
G5.0	6851.6	6841.2	6859.8						
G6.0	6885.0	6869.5	6884.0						
G7.0	6917.3	6899.6	6914.3						
G8.0	6955.9	6934.7	6945.2						
G9.0	6996.4	6975.8	6980.2						
G10.0	7039.9	7018.5	7017.5						
G11.0	7087.0	7066.8	7060.3						
G12.0	7145.7	7117.3	7102.6						
G13.0	7205.1	7180.5	7151.1						
G14.0	7267.8	7242.4	7205.6						
G15.0	7340.2	7310.3	7261.3						
G16.0	7421.5	7382.7	7333.7						
G17.0	7504.6	7466.3	7402.9						
G18.0	7593.7	7553.6	7479.7						
G19.0	7691.4	7646.2	7561.3						
G20.0	7797.7	7749.6	7651.6						
G21.0	7922.0	7860.4	7758.6						
G22.0	8044.2	7994.2	7867.1						
G23.0	8174.0	8122.0	7984.2						
G24.0	8311.3	8258.9	8125.3						
G25.0	8459.6	8407.6	8263.6						
G26.0	8630.8	8562.6	8409.9						
G27.0	8799.9	8744.0	8564.8						
G28.0	8977.0	8919.3	8730.3						
G29.0	9186.0	9103.7	8901.7						
G30.0	9385.0	9314.6	9098.2						
G31.0	9590.5	9515.6	9284.0						
G32.0	9805.9	9728.8	9471.6						
G33.0	10050.4	9942.0	9679.8						
G34.0	10274.3	10160.4	9870.1						
G35.0	10505.9	10407.7	10059.2						
G36.0	10736.3	10627.1	10243.5						

C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:

### Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0						
G37.0	10967.6	10850.0	10422.6						
G38.0	11223.1	11066.9	10615.9						
G39.0	11452.2	11300.0	10775.1						
G40.0	11673.3	11506.7	10924.3						
G41.0	11906.9	11706.9	11061.9						
G42.0	12116.4	11899.7	11187.5						
G43.0	12312.7	12100.7	11307.2						
G44.0	12502.2	12277.8	11403.0						
G45.0	12675.1	12435.8	11483.3						
G46.0	12845.5	12582.6	11549.5						
G47.0	12983.1	12732.1	11591.3						
G48.0	13105.5	12847.5	11615.6						
G49.0	13205.5	12948.5	11619.6						
G50.0	13290.0	13026.4	11597.7						
G51.0	13338.8	13079.1	11546.0						
G52.0	13358.5	13102.7	11461.7						
G53.0	13347.8	13093.5	11341.3						
G54.0	13301.3	13045.5	11176.3						
G55.0	13218.2	12947.0	10970.4						
G56.0	13097.5	12798.0	10692.5						
G57.0	12926.1	12595.0	10396.5						
G58.0	12675.9	12326.3	10051.4						
G59.0	12369.9	11986.0	9597.5						
G60.0	11976.3	11511.7	9095.5						
G61.0	11460.7	10974.1	8508.6						
G62.0	10759.2	10344.5	7816.1						
G63.0	9993.2	9549.4	6880.0						
G64.0	9147.4	8764.3	5842.1						
G65.0	8176.8	7951.9	4816.0						
G66.0	7285.2	7126.3	4005.3						
G67.0	6425.7	6242.7	3281.6						
G68.0	5603.1	5471.3	2571.9						
G69.0	4839.6	4764.5	2082.1						
G70.0	4086.1	4129.2	1731.6						
G71.0	3470.7	3490.1	1448.5						
G72.0	2932.9	2972.2	1253.5						
G73.0	2475.9	2517.2	1094.8						

C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:



### Candlepower Table (Continue 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	2069.7	2141.6	960.2							
G75.0	1776.7	1803.5	832.8							
G76.0	1541.1	1559.7	734.6							
G77.0	1323.9	1346.1	645.8							
G78.0	1154.3	1163.2	564.9							
G79.0	1010.5	993.8	492.3							
G80.0	881.1	857.2	420.9							
G81.0	767.4	731.6	363.9							
G82.0	653.0	619.4	314.2							
G83.0	549.3	500.3	268.4							
G84.0	447.3	400.5	224.4							
G85.0	361.2	319.7	186.8							
G86.0	281.6	255.7	152.0							
G87.0	219.7	195.5	117.9							
G88.0	167.9	149.8	87.6							
G89.0	120.2	109.7	58.7							
G90.0	80.1	69.2	34.3							
G91.0	47.5	38.3	24.4							
G92.0	35.8	30.9	22.1							
G93.0	30.6	26.6	24.9							
G94.0	29.6	28.9	25.9							
G95.0	30.6	30.4	27.6							
G96.0	32.1	34.3	30.1							
G97.0	34.6	34.1	29.9							
G98.0	36.1	36.1	33.1							
G99.0	36.8	37.8	35.1							
G100.0	39.1	35.8	37.1							
G101.0	40.8	37.3	38.6							
G102.0	44.8	40.0	40.0							
G103.0	46.3	40.8	43.0							
G104.0	47.8	42.3	43.5							
G105.0	50.3	46.3	46.3							
G106.0	52.7	45.8	46.5							
G107.0	53.0	47.8	50.3							
G108.0	55.7	49.3	51.0							
G109.0	58.0	51.0	55.5							
G110.0	58.5	52.2	57.7							

C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:

### Candlepower Table (Continue 8)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G111.0	60.2	53.2	56.7							
G112.0	61.7	55.2	58.0							
G113.0	62.7	55.7	60.5							
G114.0	63.9	55.7	62.2							
G115.0	65.9	59.0	63.7							
G116.0	67.9	60.2	64.4							
G117.0	66.7	63.7	67.4							
G118.0	68.7	64.2	67.2							
G119.0	68.9	63.7	68.2							
G120.0	69.9	64.9	71.9							
G121.0	69.2	65.4	72.1							
G122.0	70.9	66.4	72.9							
G123.0	71.2	69.2	74.4							
G124.0	72.1	67.9	75.4							
G125.0	73.4	68.7	75.6							
G126.0	73.9	70.2	75.4							
G127.0	76.4	70.4	77.9							
G128.0	76.4	71.2	77.6							
G129.0	75.9	73.4	78.6							
G130.0	76.1	74.9	78.9							
G131.0	77.6	74.1	80.6							
G132.0	77.6	75.1	80.6							
G133.0	78.4	78.4	81.8							
G134.0	78.1	79.6	83.1							
G135.0	79.1	78.9	84.1							
G136.0	80.1	80.6	84.8							
G137.0	80.8	80.8	84.6							
G138.0	81.3	80.6	85.3							
G139.0	82.8	81.3	87.3							
G140.0	83.6	82.3	86.6							
G141.0	84.6	84.6	86.6							
G142.0	85.6	84.1	86.6							
G143.0	90.1	84.3	90.3							
G144.0	90.8	86.6	91.1							
G145.0	92.0	87.8	91.1							
G146.0	92.8	87.6	90.8							
G147.0	92.5	87.1	91.5							

C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector:

### Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G148.0	94.8	88.8	93.0							
G149.0	95.5	88.8	94.5							
G150.0	95.5	90.6	94.0							
G151.0	94.8	91.1	96.0							
G152.0	94.0	91.3	94.8							
G153.0	96.3	90.6	93.5							
G154.0	94.8	89.3	93.0							
G155.0	94.3	89.3	92.5							
G156.0	97.0	90.6	92.8							
G157.0	97.5	89.8	92.3							
G158.0	95.8	90.3	92.3							
G159.0	95.0	88.8	93.0							
G160.0	95.3	94.8	93.0							
G161.0	93.0	92.8	91.8							
G162.0	95.8	91.3	91.3							
G163.0	95.5	91.5	91.3							
G164.0	96.0	88.8	91.5							
G165.0	95.0	90.8	91.1							
G166.0	95.0	91.8	90.3							
G167.0	94.8	88.1	88.6							
G168.0	93.0	89.1	87.3							
G169.0	92.3	87.8	88.1							
G170.0	90.8	87.1	88.6							
G171.0	91.5	86.8	86.6							
G172.0	91.5	85.6	85.8							
G173.0	91.1	86.6	87.3							
G174.0	92.3	85.1	87.8							
G175.0	92.0	84.3	86.3							
G176.0	91.5	86.1	85.3							
G177.0	90.1	86.1	88.1							
G178.0	89.1	85.6	88.3							
G179.0	91.8	87.1	87.8							
G180.0	90.3	88.3	86.3							

C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 11.967 m  
 Humidity:  
 Inspector: