

Report No.:

Test Time: 2021-03-22 17:59

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MLS035W12V30KDC Voltage: 12.4 V

Current: 0.442 A

Power: 5.10 W

Power Factor: 0.925

Volt Amps: 5.51 VA

## Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 523.4 lm

Measurement Flux: 523.4 lm

Efficiency: 100%

Downward Ratio: 98%

Upward Ratio: 2%

Horizontal Diffuse Angle(10%,50%,75%,100%): H164.6,H119.8,H98.5,H29

Vertical Diffuse Angle(10%,50%,75%,100%): V139.8,V108.4,V86.2,V29

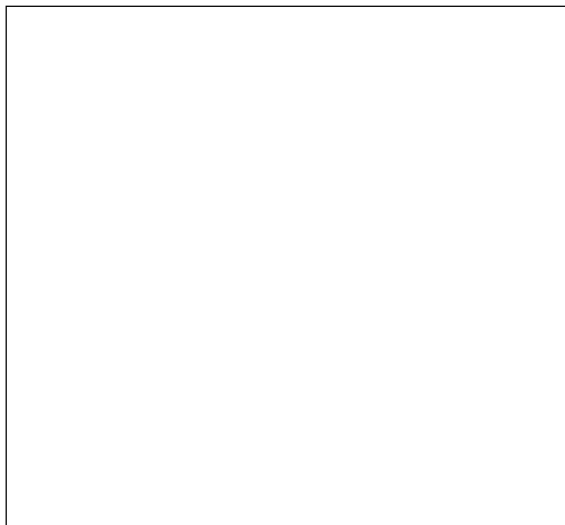
Luminaire Efficacy Rating (LER): 103

Central Intensity: 161.85 cd

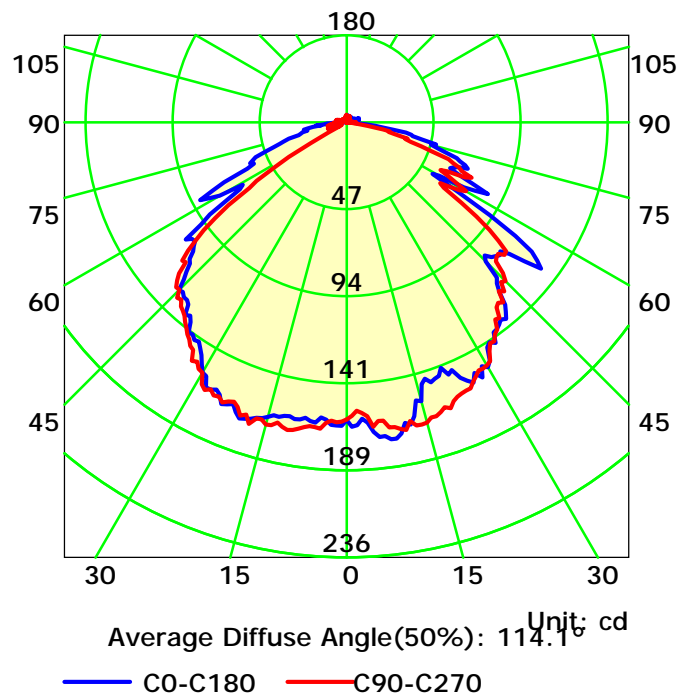
Max. Intensity: 178.42 cd

Pos of Max. Intensity: H315 V15

Picture Of Luminaire



Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0: 1.0

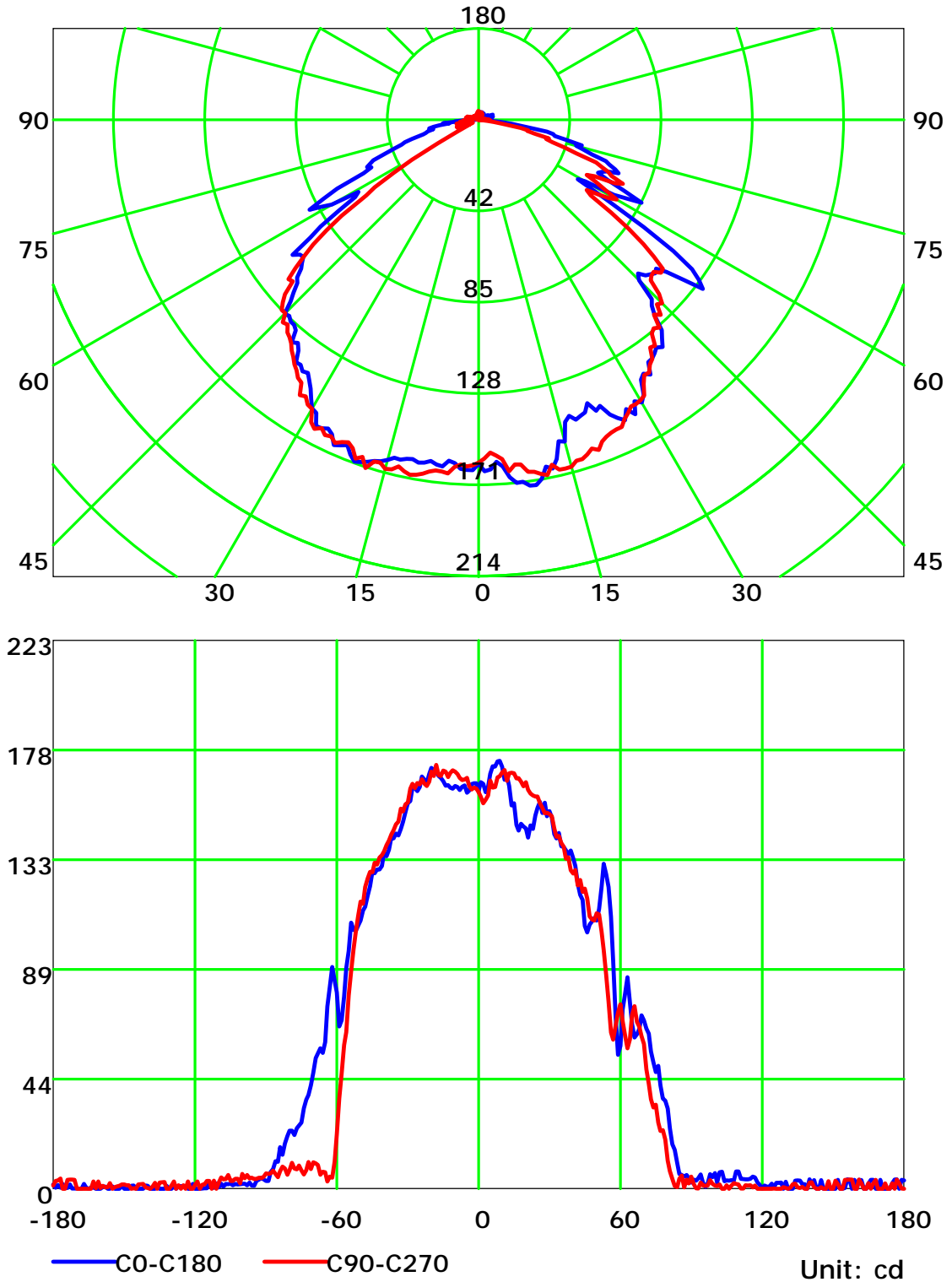
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

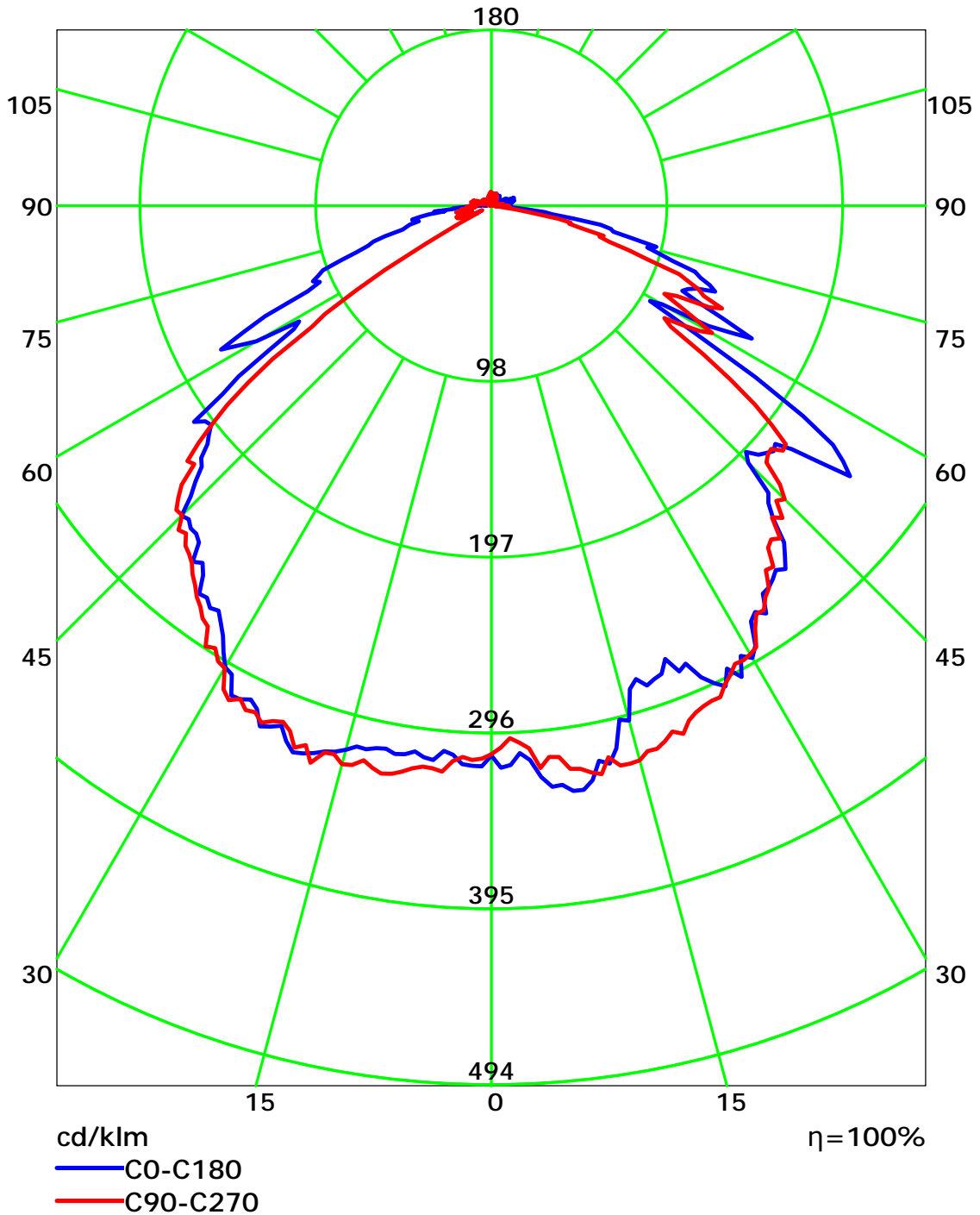
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector:

## Luminous Intensity Distribution Curve(cd/klm)



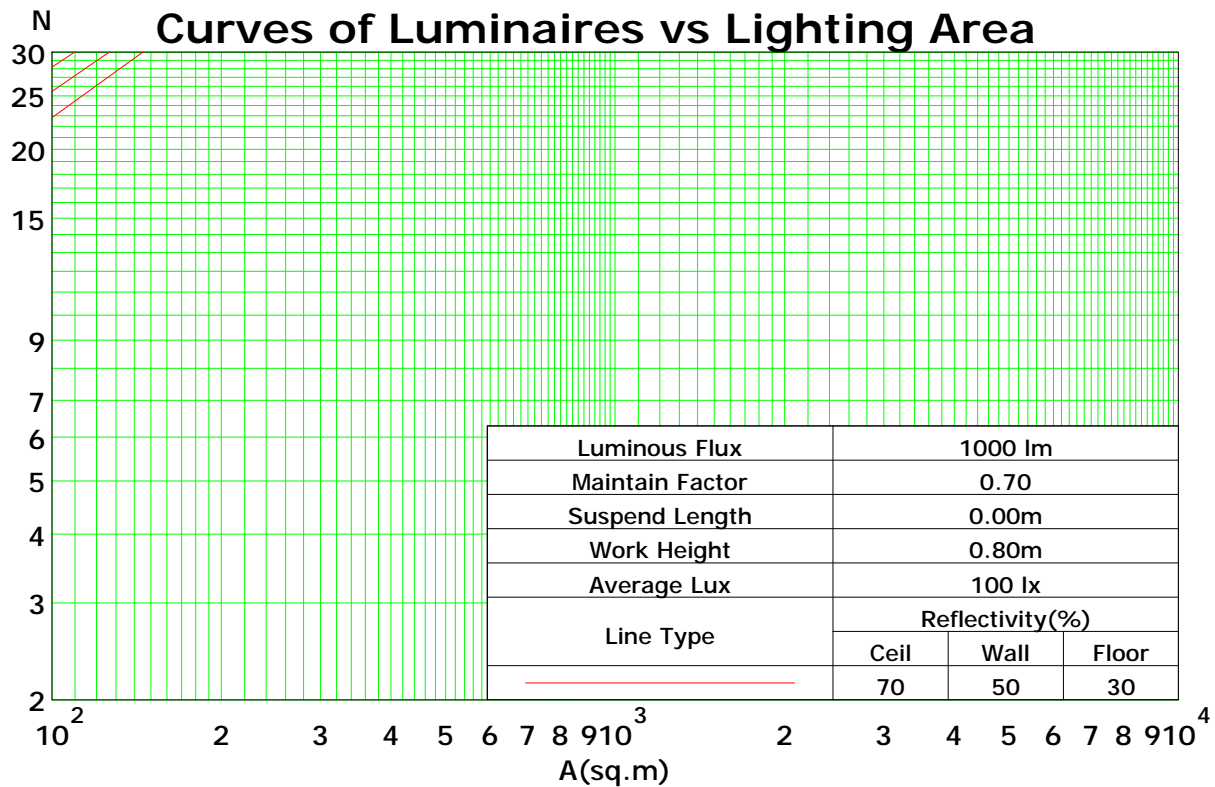
C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 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	115	115	115	115	110	110	110	105	105	105	100	100	100	98
1	108	103	98	94	105	100	96	92	95	92	89	91	88	86	87	85	83	81
2	98	89	82	76	95	87	81	75	83	78	73	79	75	71	76	72	69	67
3	89	78	70	63	86	76	69	63	73	66	61	70	64	60	67	62	58	56
4	81	69	60	53	79	68	59	53	65	58	52	62	56	51	60	54	50	48
5	75	62	53	46	72	60	52	46	58	51	45	56	49	44	54	48	43	41
6	69	56	46	40	67	54	46	40	52	45	39	50	44	39	49	43	38	36
7	64	50	41	35	62	49	41	35	48	40	35	46	39	34	44	38	34	32
8	60	46	37	31	58	45	37	31	44	36	31	42	35	31	41	35	30	28
9	56	42	34	28	54	41	33	28	40	33	28	39	32	27	38	32	27	25
10	52	39	31	25	51	38	30	25	37	30	25	36	29	25	35	29	25	23

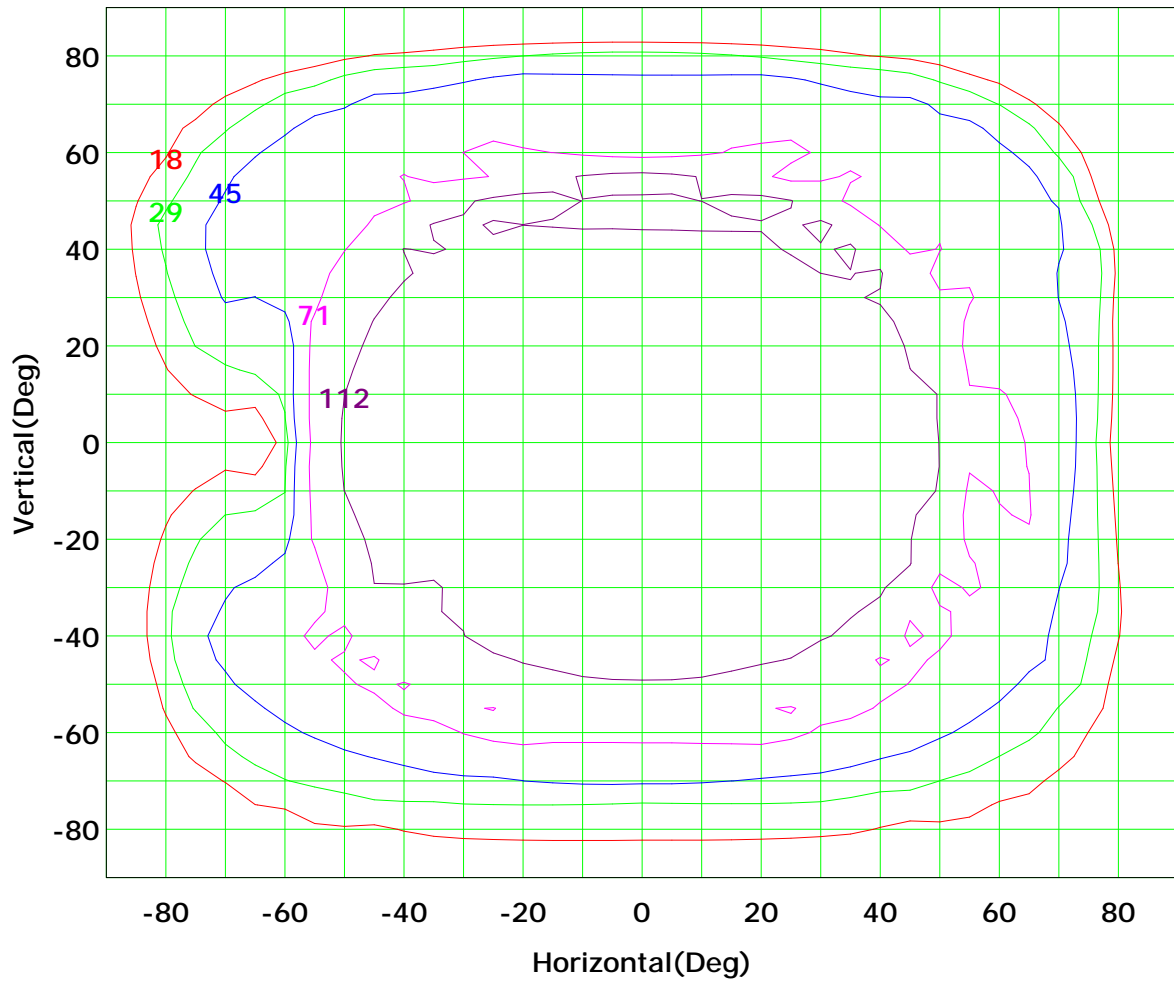
Spacing Criteria (0-180): 1.36  
 Spacing Criteria (90-270): 1.38  
 Spacing Criteria (Diagonal): 1.43



C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector:

## Isocandela (rectangle)



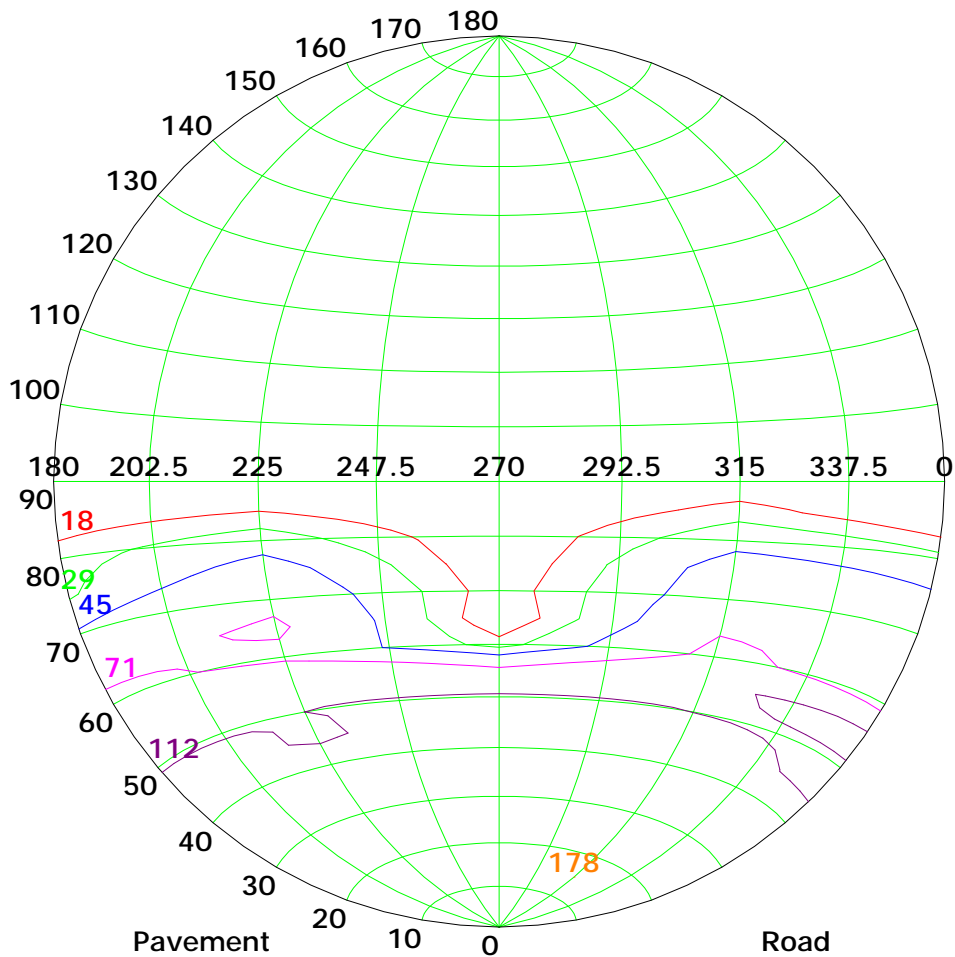
Imax (100%): 178 cd

— ( 10%):	18 cd	— ( 16%):	29 cd
— ( 25%):	45 cd	— ( 40%):	71 cd
— ( 63%):	112 cd	— (100%):	178 cd

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600  
Distance: 8.177 m  
Humidity:  
Inspector:

## Isocandela (sphere)



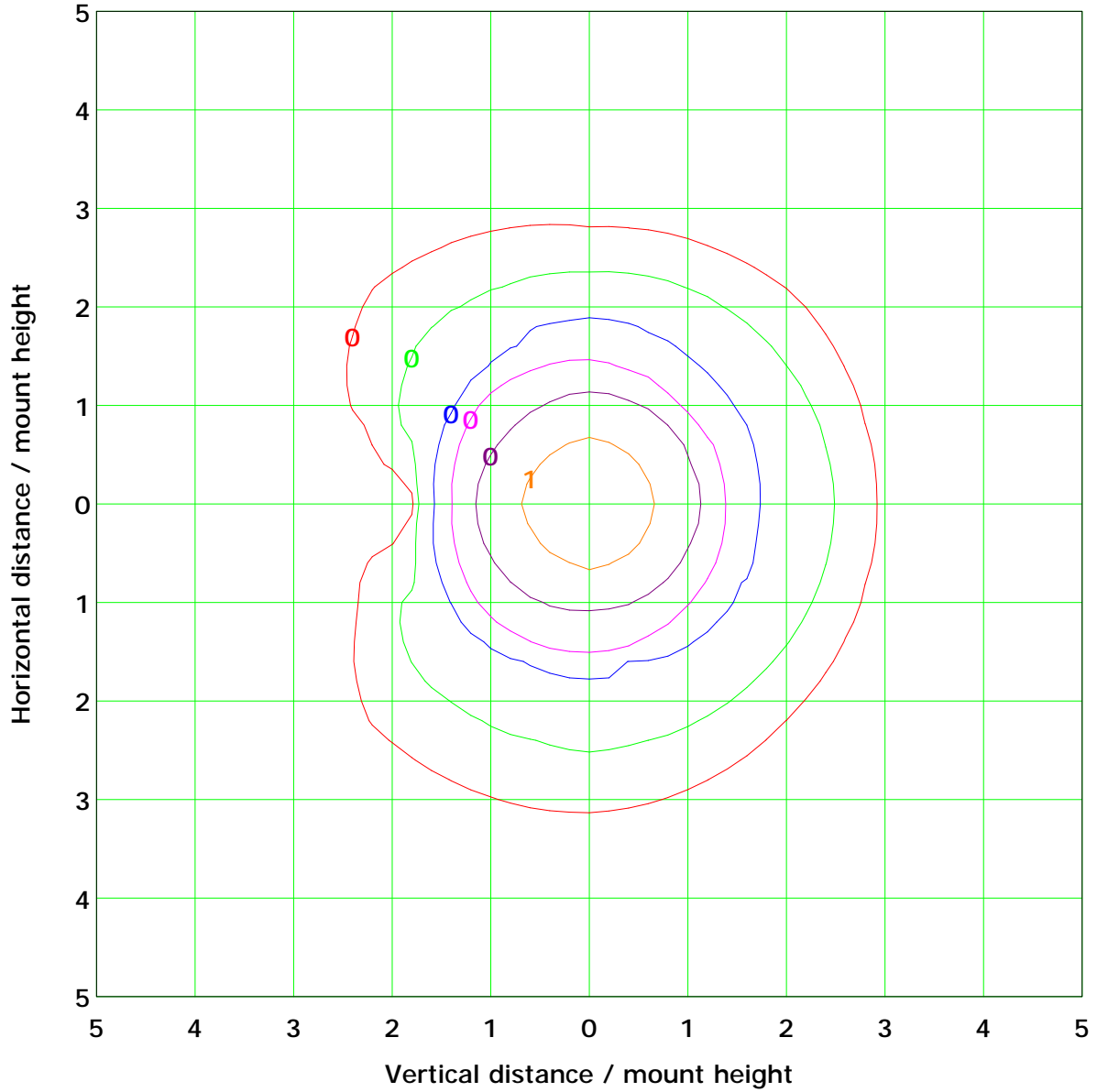
Imax (100%): 178 cd

— ( 10%):	18 cd	— ( 16%):	29 cd
— ( 25%):	45 cd	— ( 40%):	71 cd
— ( 63%):	112 cd	— (100%):	178 cd

C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600  
Distance: 8.177 m  
Humidity:  
Inspector:

### IsoLux Plot



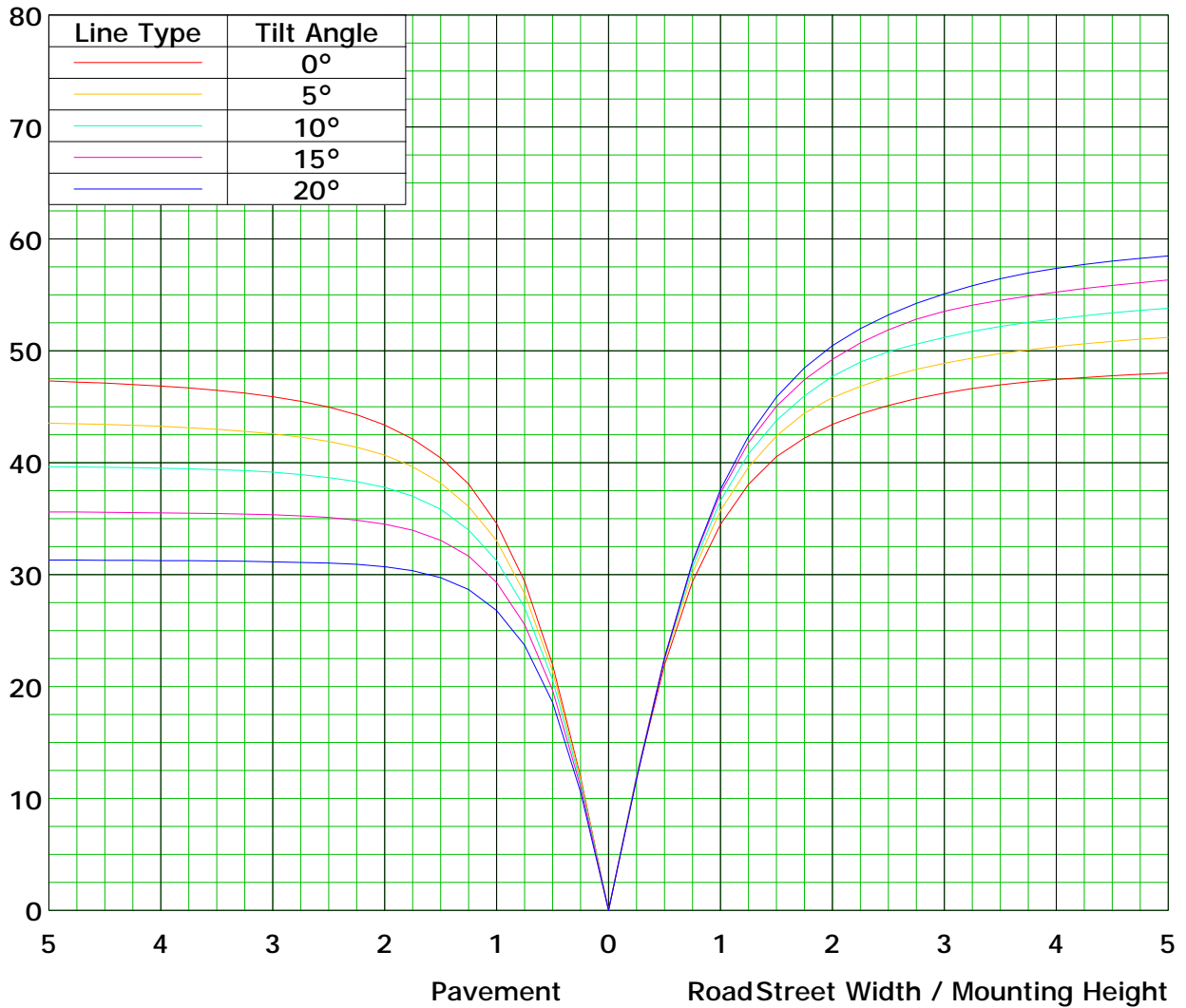
Mounting Height: 10.0m		Max Lux(100%): 1.7 lx	
— ( 1%):	0.0 lx	— ( 2%):	0.0 lx
— ( 5%):	0.1 lx	— (10%):	0.2 lx
— (20%):	0.3 lx	— (50%):	0.9 lx
— (100%):	1.7 lx		

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector:

## Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

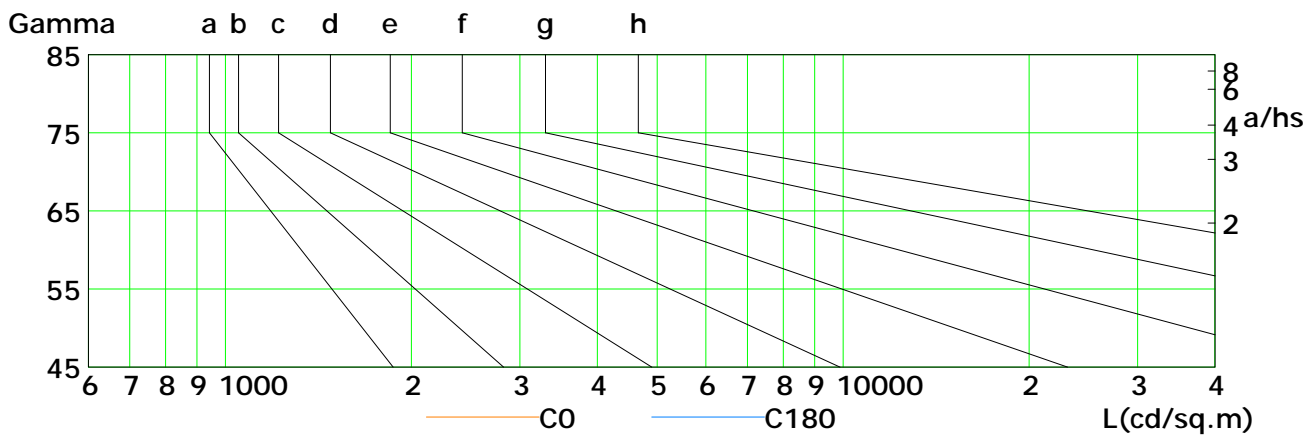
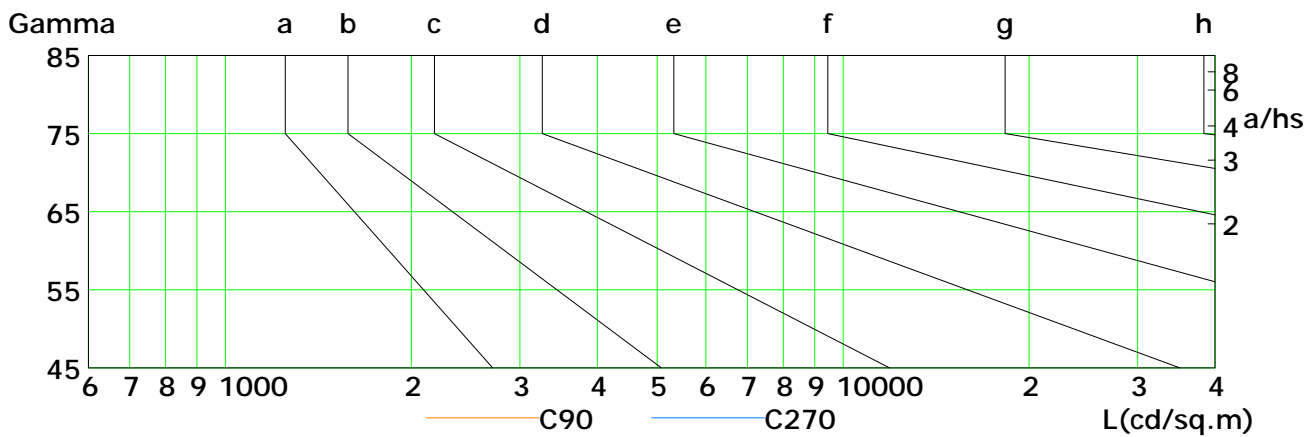
Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector:



### 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

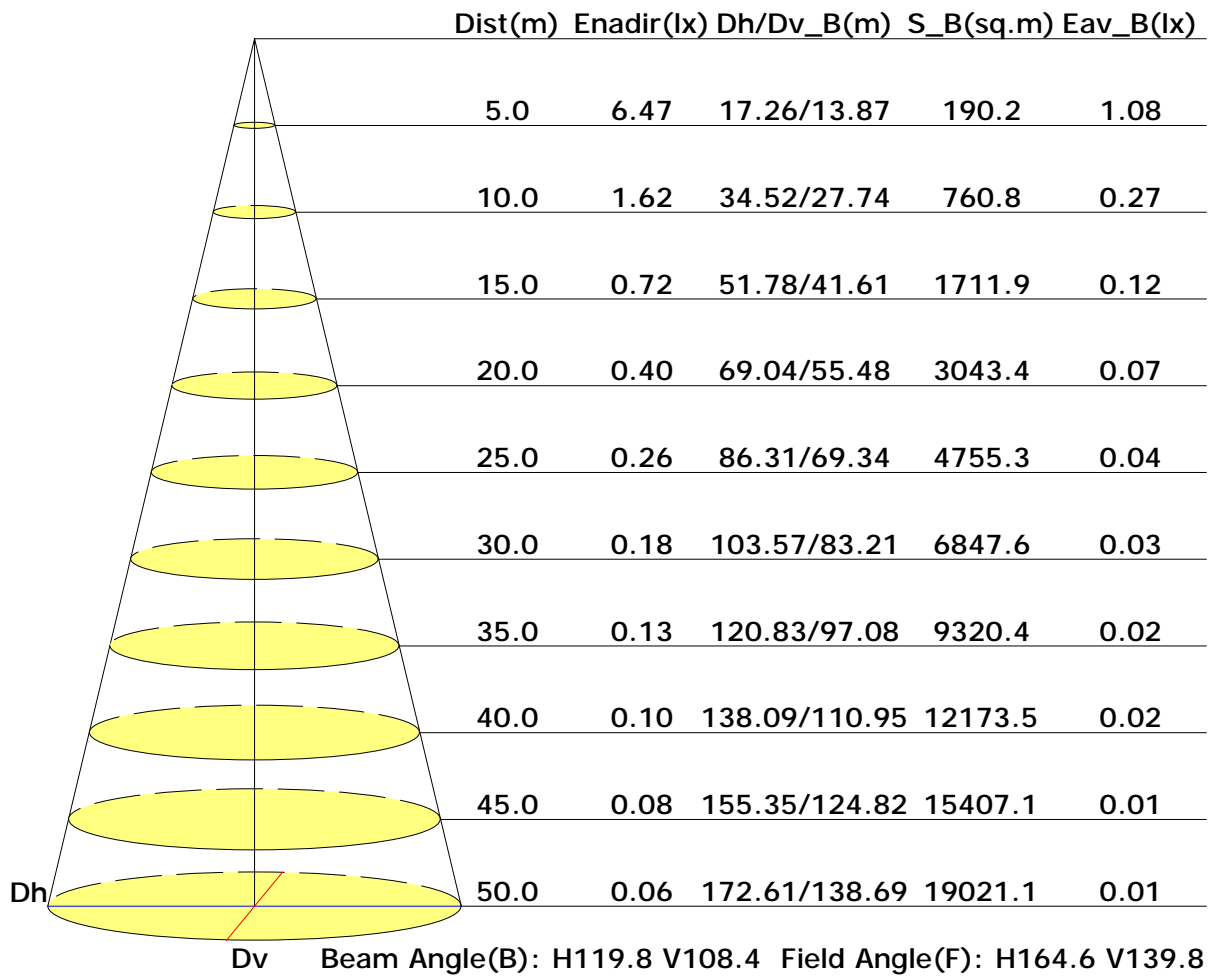


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	107	109	123	58	67	69	48	33	6
C90	122	112	76	75	71	59	34	12	4
C180	129	109	97	80	60	47	27	24	11
C270	129	117	79	22	7	11	8	8	5

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector:

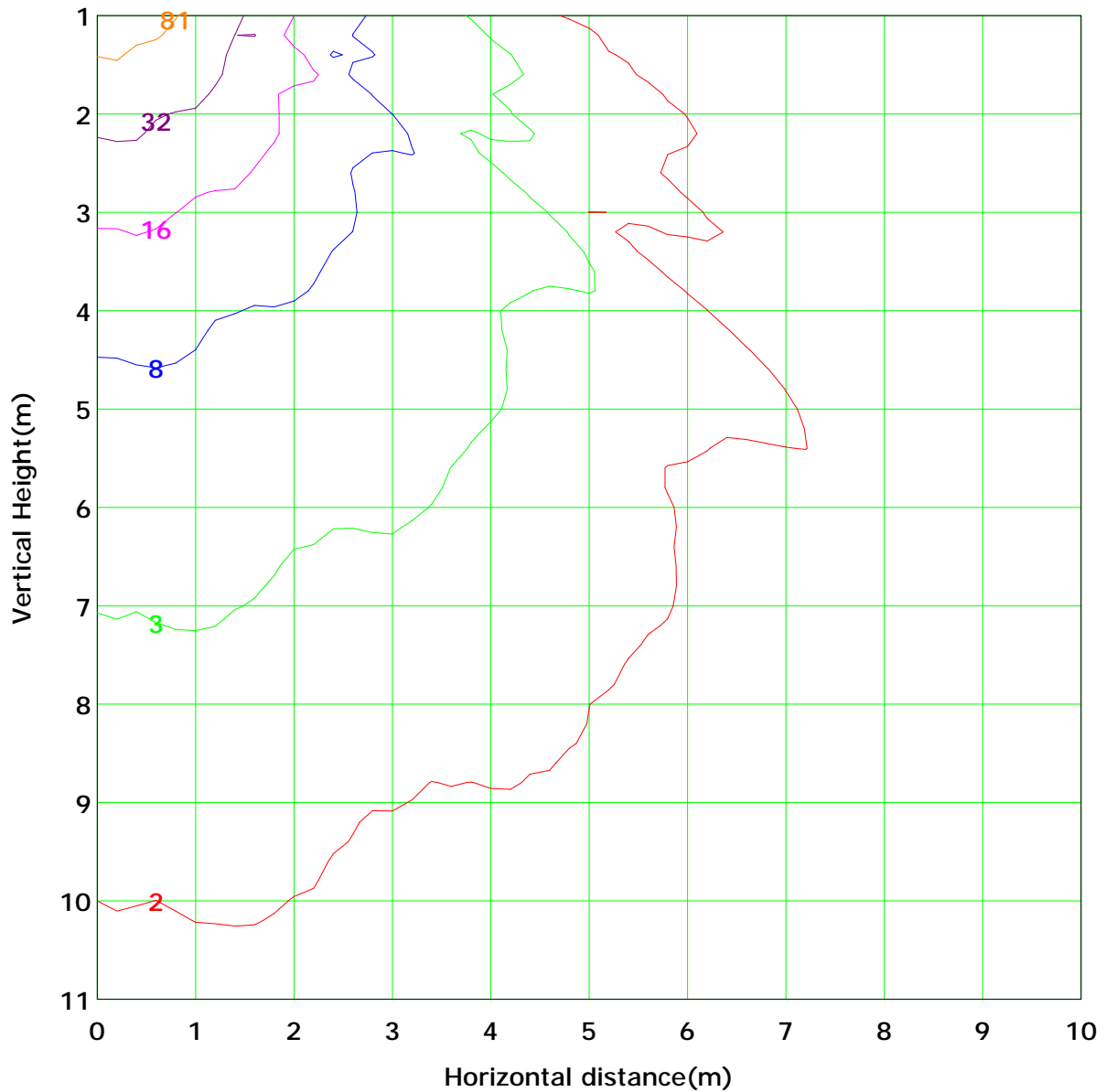
## Illuminance at a Distance



C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector:

### Vertical IsoLux Plot



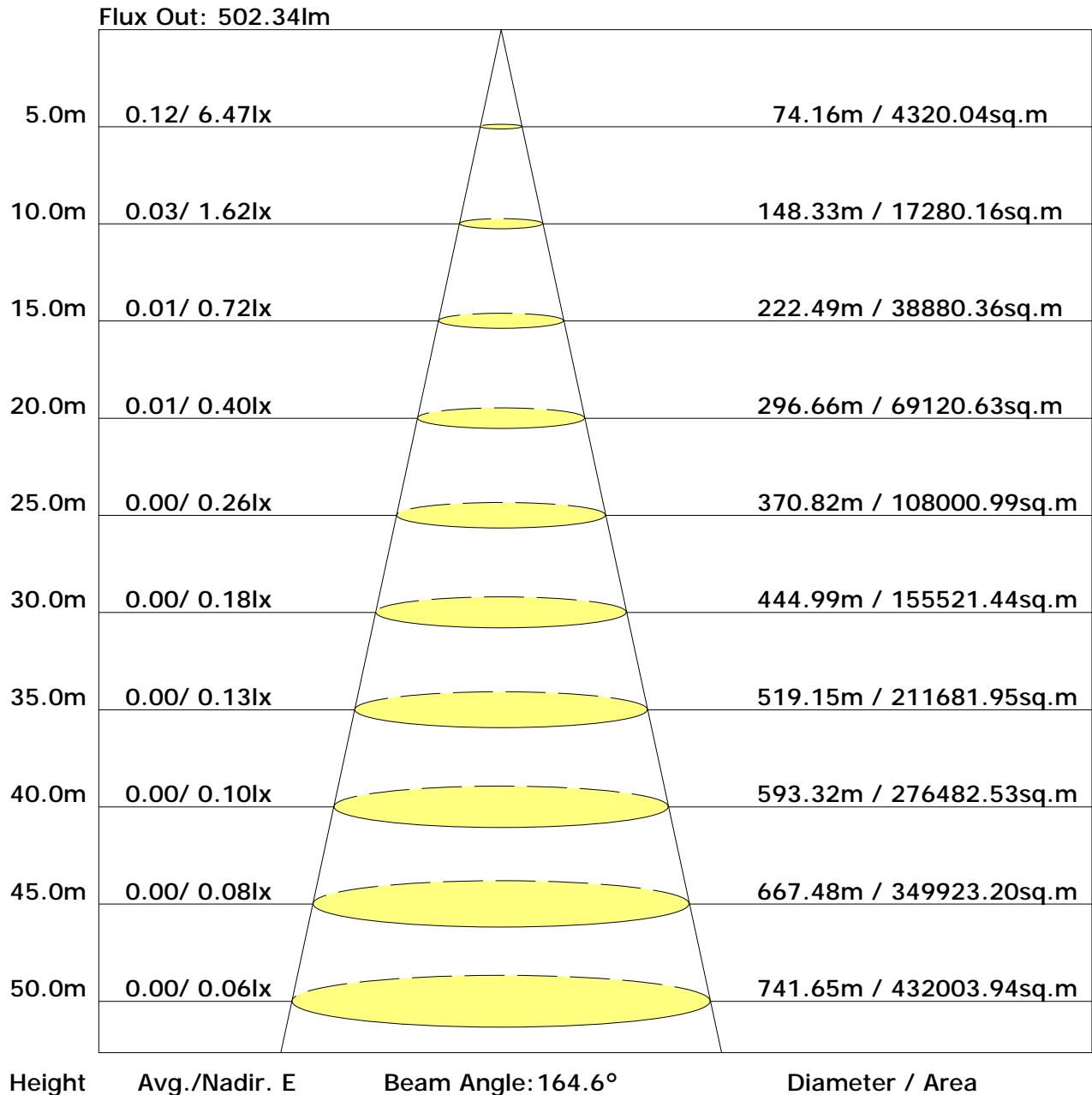
Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 161.9 lx
( 1%): 1.6 lx	( 2%): 3.2 lx	
( 5%): 8.1 lx	( 10%): 16.2 lx	
( 20%): 32.4 lx	( 50%): 80.9 lx	
(100%): 161.9 lx		

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector:



## The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector:

## UGR Table

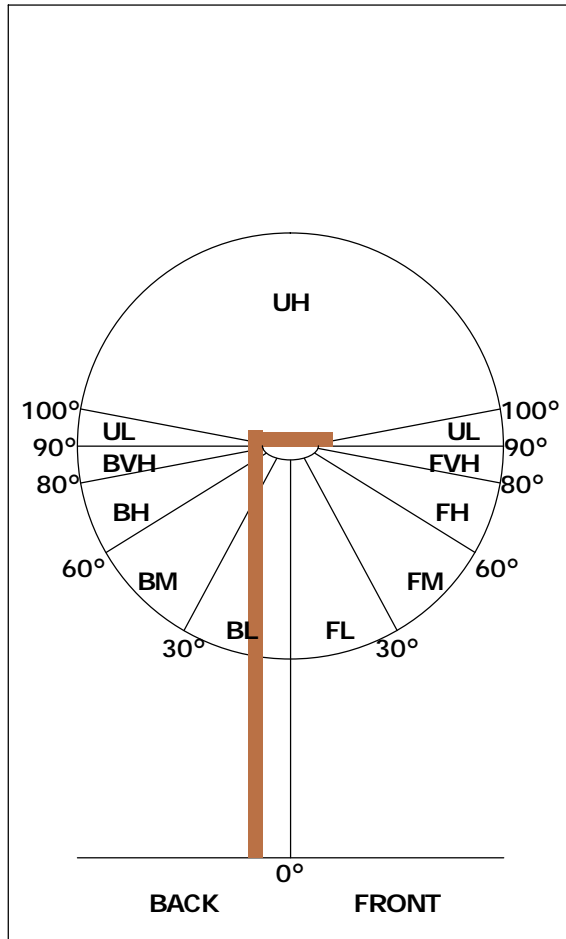
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	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.\$

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector:

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



ZONE	LUMENS	% LAMP LUMENS
<b>FORWARD LIGHT</b>	<b>257</b>	<b>49.2</b>
FL ( 0°-30°)	67	12.9
FM (30°-60°)	132	25.2
FH (60°-80°)	51	9.8
FVH (80°-90°)	7	1.3
<b>BACK LIGHT</b>	<b>253</b>	<b>48.4</b>
BL ( 0°-30°)	67	12.9
BM (30°-60°)	130	24.9
BH (60°-80°)	49	9.3
BVH (80°-90°)	7	1.3
<b>UP LIGHT</b>	<b>13</b>	<b>2.5</b>
UL (90°-100°)	4	0.8
UH (100°-180°)	8	1.6
<b>TRAPPED LIGHT</b>	<b>NA</b>	<b>NA</b>

<b>BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07</b>	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 U1 G0

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 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	0.59	0.67	0.75	0.80	0.87	0.92	0.95	1.00	1.03
	0.30		0.51	0.60	0.67	0.73	0.81	0.86	0.90	0.95	0.99
	0.20		0.46	0.54	0.62	0.67	0.76	0.81	0.86	0.92	0.96
0.50	0.50	0.20	0.57	0.65	0.72	0.77	0.83	0.88	0.91	0.95	0.98
	0.30		0.50	0.58	0.65	0.71	0.78	0.83	0.87	0.92	0.95
	0.20		0.45	0.53	0.61	0.66	0.74	0.79	0.83	0.89	0.92
0.30	0.50	0.20	0.55	0.63	0.69	0.74	0.80	0.84	0.87	0.91	0.94
	0.30		0.49	0.57	0.64	0.69	0.76	0.80	0.84	0.88	0.91
	0.20		0.45	0.52	0.60	0.65	0.72	0.77	0.81	0.86	0.89
0.00	0.00	0.00	0.42	0.50	0.56	0.61	0.68	0.73	0.76	0.81	0.84
<p>Rating:5W 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: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 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	0.95	0.81	0.69	0.60	0.48	0.40	0.34	0.27	0.22	
	0.30		0.80	0.69	0.60	0.53	0.44	0.37	0.32	0.25	0.21	
	0.20		0.68	0.61	0.53	0.48	0.40	0.34	0.30	0.24	0.20	
0.50	0.50	0.20	0.91	0.78	0.66	0.57	0.46	0.41	0.33	0.25	0.21	
	0.30		0.77	0.67	0.58	0.51	0.42	0.35	0.31	0.24	0.20	
	0.20		0.67	0.59	0.52	0.46	0.39	0.33	0.29	0.23	0.19	
0.30	0.50	0.20	0.88	0.74	0.63	0.55	0.44	0.36	0.31	0.24	0.20	
	0.30		0.75	0.65	0.56	0.49	0.40	0.34	0.29	0.23	0.19	
	0.20		0.66	0.58	0.51	0.45	0.37	0.32	0.28	0.22	0.18	
0.00	0.00	0.00	0.55	0.48	0.41	0.36	0.30	0.25	0.22	0.17	0.14	
<p>Rating:5W 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: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 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	0.18	0.20	0.21	0.21	0.22	0.23	0.23	0.24	0.24	
	0.30		0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.21	0.21	
	0.20		0.07	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19	
0.50	0.50	0.20	0.18	0.19	0.20	0.20	0.21	0.22	0.22	0.23	0.23	
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.07	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.18	
0.30	0.50	0.20	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.22	
	0.30		0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.08	0.10	0.11	0.13	0.14	0.15	0.17	0.18	
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
<p>Rating:5W 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: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 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	161.3	0.2	0.2	0.03	0.03
1.0-2.0	161.3	0.5	0.6	0.09	0.12
2.0-3.0	161.4	0.8	1.4	0.15	0.27
3.0-4.0	161.7	1.1	2.5	0.21	0.47
4.0-5.0	162.9	1.4	3.9	0.27	0.74
5.0-6.0	164.4	1.7	5.6	0.33	1.07
6.0-7.0	165.4	2.1	7.7	0.39	1.46
7.0-8.0	166.3	2.4	10.0	0.45	1.92
8.0-9.0	167.1	2.7	12.7	0.52	2.43
9.0-10.0	167.8	3.0	15.8	0.58	3.02
10.0-11.0	167.4	3.3	19.1	0.64	3.65
11.0-12.0	166.4	3.6	22.8	0.70	4.35
12.0-13.0	165.9	3.9	26.7	0.75	5.10
13.0-14.0	165.2	4.2	30.9	0.81	5.91
14.0-15.0	164.8	4.5	35.5	0.86	6.77
15.0-16.0	164.0	4.8	40.3	0.92	7.69
16.0-17.0	162.5	5.1	45.3	0.97	8.66
17.0-18.0	162.3	5.4	50.7	1.02	9.68
18.0-19.0	162.0	5.6	56.3	1.08	10.76
19.0-20.0	161.6	5.9	62.2	1.13	11.89
20.0-21.0	160.5	6.2	68.4	1.18	13.07
21.0-22.0	159.3	6.4	74.8	1.22	14.29
22.0-23.0	159.0	6.7	81.5	1.28	15.57
23.0-24.0	158.7	6.9	88.4	1.33	16.89
24.0-25.0	158.3	7.2	95.6	1.38	18.27
25.0-26.0	157.7	7.4	103.1	1.42	19.69
26.0-27.0	156.4	7.7	110.7	1.46	21.15
27.0-28.0	155.3	7.9	118.6	1.50	22.65
28.0-29.0	153.6	8.0	126.6	1.54	24.19
29.0-30.0	151.5	8.2	134.8	1.56	25.75
30.0-31.0	149.4	8.3	143.1	1.59	27.34
31.0-32.0	146.2	8.4	151.5	1.60	28.94
32.0-33.0	144.1	8.5	160.0	1.62	30.56
33.0-34.0	142.3	8.6	168.6	1.65	32.21
34.0-35.0	140.7	8.7	177.3	1.67	33.88
35.0-36.0	139.5	8.9	186.2	1.70	35.58

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 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	137.5	9.0	195.2	1.71	37.29
37.0-38.0	135.9	9.1	204.3	1.73	39.02
38.0-39.0	134.7	9.2	213.4	1.76	40.78
39.0-40.0	132.8	9.3	222.7	1.77	42.55
40.0-41.0	130.2	9.3	232.0	1.77	44.32
41.0-42.0	127.2	9.2	241.2	1.77	46.09
42.0-43.0	124.6	9.2	250.5	1.76	47.85
43.0-44.0	123.1	9.3	259.7	1.77	49.62
44.0-45.0	120.8	9.3	269.0	1.77	51.40
45.0-46.0	118.5	9.3	278.3	1.77	53.17
46.0-47.0	116.5	9.3	287.6	1.77	54.94
47.0-48.0	114.6	9.3	296.8	1.77	56.71
48.0-49.0	113.4	9.3	306.2	1.78	58.49
49.0-50.0	112.3	9.4	315.5	1.79	60.28
50.0-51.0	111.5	9.4	325.0	1.80	62.08
51.0-52.0	109.9	9.4	334.4	1.80	63.88
52.0-53.0	107.8	9.4	343.8	1.79	65.68
53.0-54.0	104.7	9.2	353.0	1.76	67.44
54.0-55.0	98.2	8.8	361.8	1.68	69.11
55.0-56.0	89.5	8.1	369.8	1.55	70.66
56.0-57.0	81.2	7.4	377.3	1.42	72.08
57.0-58.0	74.2	6.9	384.1	1.31	73.39
58.0-59.0	69.1	6.5	390.6	1.24	74.62
59.0-60.0	66.5	6.3	396.9	1.20	75.82
60.0-61.0	64.6	6.2	403.0	1.18	77.00
61.0-62.0	62.9	6.1	409.1	1.16	78.16
62.0-63.0	62.0	6.0	415.1	1.15	79.31
63.0-64.0	61.0	6.0	421.1	1.14	80.46
64.0-65.0	60.1	6.0	427.1	1.14	81.59
65.0-66.0	59.3	5.9	433.0	1.13	82.72
66.0-67.0	57.5	5.8	438.8	1.10	83.83
67.0-68.0	55.8	5.6	444.4	1.08	84.91
68.0-69.0	54.9	5.6	450.0	1.07	85.98
69.0-70.0	53.6	5.5	455.5	1.05	87.03
70.0-71.0	51.0	5.3	460.8	1.01	88.04
71.0-72.0	48.2	5.0	465.8	0.96	88.99

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 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	45.3	4.7	470.6	0.90	89.90
73.0-74.0	42.1	4.4	475.0	0.84	90.74
74.0-75.0	39.8	4.2	479.2	0.80	91.55
75.0-76.0	38.3	4.1	483.2	0.78	92.32
76.0-77.0	36.0	3.8	487.1	0.73	93.06
77.0-78.0	33.4	3.6	490.6	0.68	93.74
78.0-79.0	31.1	3.3	494.0	0.64	94.38
79.0-80.0	27.6	3.0	497.0	0.57	94.94
80.0-81.0	23.4	2.5	499.5	0.48	95.43
81.0-82.0	20.3	2.2	501.7	0.42	95.85
82.0-83.0	17.2	1.9	503.6	0.36	96.21
83.0-84.0	14.0	1.5	505.1	0.29	96.50
84.0-85.0	11.4	1.2	506.3	0.24	96.74
85.0-86.0	10.0	1.1	507.4	0.21	96.94
86.0-87.0	9.1	1.0	508.4	0.19	97.13
87.0-88.0	7.5	0.8	509.2	0.16	97.29
88.0-89.0	6.4	0.7	509.9	0.13	97.42
89.0-90.0	5.8	0.6	510.6	0.12	97.55
90.0-91.0	5.1	0.6	511.1	0.11	97.65
91.0-92.0	4.7	0.5	511.7	0.10	97.75
92.0-93.0	4.3	0.5	512.1	0.09	97.84
93.0-94.0	4.0	0.4	512.6	0.08	97.93
94.0-95.0	3.6	0.4	513.0	0.08	98.00
95.0-96.0	2.9	0.3	513.3	0.06	98.06
96.0-97.0	3.0	0.3	513.6	0.06	98.12
97.0-98.0	4.1	0.4	514.1	0.08	98.21
98.0-99.0	4.1	0.5	514.5	0.09	98.30
99.0-100.0	3.9	0.4	514.9	0.08	98.38
100.0-101.0	3.9	0.4	515.3	0.08	98.46
101.0-102.0	3.8	0.4	515.8	0.08	98.53
102.0-103.0	3.5	0.4	516.1	0.07	98.61
103.0-104.0	2.8	0.3	516.4	0.06	98.66
104.0-105.0	2.7	0.3	516.7	0.06	98.72
105.0-106.0	2.6	0.3	517.0	0.05	98.77
106.0-107.0	2.4	0.3	517.2	0.05	98.82
107.0-108.0	2.2	0.2	517.5	0.04	98.86

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 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	2.4	0.2	517.7	0.05	98.91
109.0-110.0	2.5	0.3	518.0	0.05	98.96
110.0-111.0	2.0	0.2	518.2	0.04	99.00
111.0-112.0	1.4	0.1	518.3	0.03	99.02
112.0-113.0	1.3	0.1	518.4	0.02	99.05
113.0-114.0	1.7	0.2	518.6	0.03	99.08
114.0-115.0	1.8	0.2	518.8	0.03	99.12
115.0-116.0	1.9	0.2	519.0	0.04	99.15
116.0-117.0	2.0	0.2	519.2	0.04	99.19
117.0-118.0	1.8	0.2	519.3	0.03	99.22
118.0-119.0	1.4	0.1	519.5	0.03	99.25
119.0-120.0	1.3	0.1	519.6	0.02	99.27
120.0-121.0	1.0	0.1	519.7	0.02	99.29
121.0-122.0	0.9	0.1	519.8	0.02	99.30
122.0-123.0	1.2	0.1	519.9	0.02	99.33
123.0-124.0	1.2	0.1	520.0	0.02	99.35
124.0-125.0	1.2	0.1	520.1	0.02	99.37
125.0-126.0	1.2	0.1	520.2	0.02	99.39
126.0-127.0	1.6	0.1	520.4	0.03	99.42
127.0-128.0	1.2	0.1	520.5	0.02	99.44
128.0-129.0	0.7	0.1	520.5	0.01	99.45
129.0-130.0	1.0	0.1	520.6	0.02	99.46
130.0-131.0	0.8	0.1	520.7	0.01	99.48
131.0-132.0	0.5	0.0	520.7	0.01	99.49
132.0-133.0	1.0	0.1	520.8	0.01	99.50
133.0-134.0	1.7	0.1	520.9	0.03	99.53
134.0-135.0	1.8	0.1	521.1	0.03	99.55
135.0-136.0	1.4	0.1	521.2	0.02	99.57
136.0-137.0	1.3	0.1	521.3	0.02	99.59
137.0-138.0	0.9	0.1	521.4	0.01	99.61
138.0-139.0	0.7	0.0	521.4	0.01	99.62
139.0-140.0	1.1	0.1	521.5	0.02	99.63
140.0-141.0	1.5	0.1	521.6	0.02	99.65
141.0-142.0	1.3	0.1	521.7	0.02	99.67
142.0-143.0	0.9	0.1	521.7	0.01	99.68
143.0-144.0	1.0	0.1	521.8	0.01	99.69

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 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	1.1	0.1	521.9	0.01	99.71
145.0-146.0	1.2	0.1	522.0	0.01	99.72
146.0-147.0	1.2	0.1	522.0	0.01	99.73
147.0-148.0	1.2	0.1	522.1	0.01	99.75
148.0-149.0	1.2	0.1	522.2	0.01	99.76
149.0-150.0	1.0	0.1	522.2	0.01	99.77
150.0-151.0	1.4	0.1	522.3	0.01	99.79
151.0-152.0	1.6	0.1	522.4	0.02	99.80
152.0-153.0	1.2	0.1	522.4	0.01	99.81
153.0-154.0	0.6	0.0	522.5	0.01	99.82
154.0-155.0	1.2	0.1	522.5	0.01	99.83
155.0-156.0	2.1	0.1	522.6	0.02	99.85
156.0-157.0	2.0	0.1	522.7	0.02	99.86
157.0-158.0	1.8	0.1	522.8	0.01	99.88
158.0-159.0	1.6	0.1	522.8	0.01	99.89
159.0-160.0	0.8	0.0	522.9	0.01	99.90
160.0-161.0	1.2	0.0	522.9	0.01	99.91
161.0-162.0	1.8	0.1	523.0	0.01	99.92
162.0-163.0	1.3	0.0	523.0	0.01	99.93
163.0-164.0	1.0	0.0	523.1	0.01	99.93
164.0-165.0	1.1	0.0	523.1	0.01	99.94
165.0-166.0	1.1	0.0	523.1	0.01	99.94
166.0-167.0	1.6	0.0	523.2	0.01	99.95
167.0-168.0	2.0	0.0	523.2	0.01	99.96
168.0-169.0	1.1	0.0	523.2	0.00	99.97
169.0-170.0	1.1	0.0	523.3	0.00	99.97
170.0-171.0	1.6	0.0	523.3	0.01	99.98
171.0-172.0	1.7	0.0	523.3	0.01	99.98
172.0-173.0	1.7	0.0	523.3	0.00	99.99
173.0-174.0	1.8	0.0	523.4	0.00	99.99
174.0-175.0	1.4	0.0	523.4	0.00	99.99
175.0-176.0	1.2	0.0	523.4	0.00	99.99
176.0-177.0	2.0	0.0	523.4	0.00	100.00
177.0-178.0	2.2	0.0	523.4	0.00	100.00
178.0-179.0	1.7	0.0	523.4	0.00	100.00
179.0-180.0	1.7	0.0	523.4	0.00	100.00

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector:



## Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	161.9	158.8	161.4	162.0	161.9	158.8	161.4	162.0	161.9	
G1.0	165.4	161.9	159.5	156.3	165.0	159.4	162.7	162.1	165.4	
G2.0	164.7	160.0	156.8	158.4	164.9	163.7	163.2	157.6	164.7	
G3.0	161.3	158.8	158.3	163.1	164.6	160.6	162.4	163.2	161.3	
G4.0	163.5	160.6	160.1	158.1	162.0	161.9	163.8	165.0	163.5	
G5.0	168.8	163.0	166.1	157.7	161.1	164.9	167.1	162.9	168.8	
G6.0	171.9	160.4	163.2	158.2	164.1	166.1	166.5	169.2	171.9	
G7.0	171.7	161.0	163.4	161.4	163.5	167.6	166.3	172.1	171.7	
G8.0	173.9	161.4	167.4	158.5	162.2	168.4	167.2	175.2	173.9	
G9.0	174.0	160.1	167.8	165.1	163.4	165.1	168.6	175.9	174.0	
G10.0	171.7	162.1	169.3	167.3	163.9	166.0	169.7	174.5	171.7	
G11.0	166.4	156.2	170.4	165.6	162.8	164.8	170.3	178.0	166.4	
G12.0	167.9	153.2	166.0	168.4	163.2	162.8	169.1	177.9	167.9	
G13.0	163.9	155.1	169.1	167.0	164.2	161.9	167.5	177.8	163.9	
G14.0	155.9	156.2	169.2	165.5	164.0	159.1	169.6	176.8	155.9	
G15.0	156.8	156.9	169.0	165.9	165.8	158.1	170.1	178.4	156.8	
G16.0	148.0	152.8	167.0	165.7	167.2	157.5	167.9	176.6	148.0	
G17.0	145.7	151.9	167.1	164.5	167.9	157.3	168.3	174.4	145.7	
G18.0	148.5	150.9	165.6	164.1	169.3	158.2	172.4	171.1	148.5	
G19.0	147.4	151.6	163.7	163.2	170.4	157.8	167.9	170.3	147.4	
G20.0	146.6	153.4	165.4	161.5	171.2	154.6	169.7	170.9	146.6	
G21.0	142.9	156.0	162.3	159.1	168.7	152.4	165.6	168.2	142.9	
G22.0	147.8	157.0	160.8	159.0	165.1	152.8	163.8	167.1	147.8	
G23.0	146.4	158.6	160.0	157.0	166.5	151.5	164.8	166.4	146.4	
G24.0	151.9	156.6	159.5	156.2	167.7	148.7	166.6	161.2	151.9	
G25.0	155.0	157.8	159.6	156.9	163.4	145.5	164.5	161.8	155.0	
G26.0	157.4	155.6	156.8	155.2	161.7	150.2	165.1	156.0	157.4	
G27.0	152.9	155.3	155.0	152.8	163.1	149.4	162.9	153.5	152.9	
G28.0	157.1	155.2	152.8	150.5	163.2	143.2	164.8	153.1	157.1	
G29.0	151.5	152.9	153.0	148.8	157.7	142.6	162.7	148.9	151.5	
G30.0	153.7	149.2	152.5	147.9	156.9	145.4	157.1	144.1	153.7	
G31.0	151.0	145.3	151.5	146.7	153.2	143.3	156.4	136.8	151.0	
G32.0	144.3	144.9	146.6	143.8	149.3	139.4	153.6	133.6	144.3	
G33.0	142.6	142.2	143.3	143.1	146.4	141.9	154.6	135.6	142.6	
G34.0	144.7	138.6	143.6	140.3	143.8	137.3	149.3	129.7	144.7	
G35.0	139.4	140.3	140.6	137.8	144.5	139.1	148.3	133.6	139.4	
G36.0	139.0	135.9	139.1	137.5	142.6	137.7	145.8	131.5	139.0	

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	137.7	134.8	134.3	133.6	143.0	132.0	144.2	131.2	137.7	
G38.0	136.1	136.9	134.9	131.5	137.9	132.9	141.7	131.2	136.1	
G39.0	137.6	135.1	129.6	130.5	135.2	129.9	139.8	134.4	137.6	
G40.0	134.5	128.9	128.2	128.3	136.9	127.0	137.3	132.3	134.5	
G41.0	131.4	126.2	129.7	125.7	131.3	118.8	135.7	130.8	131.4	
G42.0	124.1	118.5	123.5	126.4	129.9	117.9	134.7	130.5	124.1	
G43.0	119.6	115.6	125.7	123.5	129.9	111.4	131.9	130.6	119.6	
G44.0	117.4	118.3	120.8	124.0	128.4	111.6	132.7	127.8	117.4	
G45.0	106.9	112.1	122.2	121.0	129.1	108.8	128.8	123.7	106.9	
G46.0	104.3	113.7	118.1	121.0	123.1	112.8	128.9	121.9	104.3	
G47.0	107.5	113.8	110.8	117.5	119.2	107.3	126.2	118.7	107.5	
G48.0	108.8	112.4	109.5	113.8	114.8	112.2	122.7	118.0	108.8	
G49.0	110.2	110.7	109.2	118.7	113.2	110.0	115.9	113.9	110.2	
G50.0	109.1	108.2	112.1	115.3	109.2	112.4	116.9	112.2	109.1	
G51.0	113.8	114.1	111.6	108.7	107.1	111.8	111.0	110.3	113.8	
G52.0	122.6	112.2	104.8	97.8	104.8	113.8	104.3	109.2	122.6	
G53.0	132.3	106.9	97.2	95.4	105.5	113.2	97.5	107.0	132.3	
G54.0	128.1	100.3	87.1	84.7	108.3	113.2	88.5	109.8	128.1	
G55.0	122.8	92.3	76.1	66.1	96.7	110.5	78.7	108.4	122.8	
G56.0	110.7	82.3	63.7	60.0	89.8	100.7	63.8	110.2	110.7	
G57.0	92.7	63.3	60.7	64.6	78.2	96.7	58.5	103.6	92.7	
G58.0	70.5	57.4	66.3	75.2	68.6	88.0	47.1	95.3	70.5	
G59.0	54.5	68.8	71.6	75.3	66.1	71.5	36.8	93.2	54.5	
G60.0	58.1	73.6	75.0	74.7	79.9	64.2	22.3	78.0	58.1	
G61.0	72.9	72.0	68.3	75.8	84.7	60.7	11.2	61.6	72.9	
G62.0	79.3	69.0	62.5	65.5	90.2	72.7	4.5	55.0	79.3	
G63.0	86.1	64.3	57.2	65.3	82.1	74.0	5.0	58.9	86.1	
G64.0	75.9	57.0	60.8	64.5	74.2	78.5	3.1	68.7	75.9	
G65.0	67.1	59.6	70.8	70.9	59.8	75.9	6.7	68.9	67.1	
G66.0	61.6	62.2	74.4	70.8	55.3	68.5	6.9	70.0	61.6	
G67.0	62.8	64.0	68.0	64.9	57.1	57.7	5.8	69.8	62.8	
G68.0	65.1	63.6	65.8	60.4	55.1	61.9	9.7	60.3	65.1	
G69.0	70.6	60.3	62.1	59.9	53.2	64.8	10.4	55.2	70.6	
G70.0	68.5	59.4	58.9	52.1	47.3	64.9	10.8	58.5	68.5	
G71.0	65.2	53.3	48.6	52.8	42.2	64.4	8.1	61.6	65.2	
G72.0	63.1	49.2	42.7	52.6	38.2	58.4	10.9	60.4	63.1	
G73.0	55.8	46.4	36.4	46.5	36.4	57.3	7.7	62.3	55.8	

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G74.0	51.5	45.5	33.2	43.7	32.8	54.5	5.9	57.1	51.5	
G75.0	47.5	47.3	34.3	40.3	27.0	53.9	7.6	54.1	47.5	
G76.0	50.1	46.0	27.0	42.3	25.8	48.2	9.6	51.3	50.1	
G77.0	42.2	45.4	23.5	39.1	24.6	44.6	7.9	47.9	42.2	
G78.0	36.7	42.3	23.9	33.7	21.9	45.6	8.3	46.0	36.7	
G79.0	35.9	36.7	20.1	28.0	23.6	41.4	10.6	43.0	35.9	
G80.0	32.7	24.2	11.5	27.3	23.7	36.1	7.6	39.2	32.7	
G81.0	24.7	17.7	7.2	25.7	21.5	34.4	5.7	35.3	24.7	
G82.0	18.2	18.4	4.1	22.4	18.5	29.9	8.3	32.8	18.2	
G83.0	15.8	11.0	1.2	15.8	13.9	23.8	9.0	31.7	15.8	
G84.0	10.6	7.7	0.7	11.8	16.9	20.7	7.2	25.8	10.6	
G85.0	6.1	5.4	4.1	9.8	11.0	17.7	4.8	22.5	6.1	
G86.0	5.7	5.0	5.4	9.0	11.3	14.9	6.1	21.4	5.7	
G87.0	4.9	9.9	0.6	8.7	8.1	9.2	7.4	18.1	4.9	
G88.0	5.7	3.8	3.8	8.5	6.9	4.4	6.3	13.5	5.7	
G89.0	4.3	6.9	2.3	8.8	3.2	6.4	6.1	11.0	4.3	
G90.0	2.6	6.7	5.1	4.5	3.3	6.8	6.4	8.3	2.6	
G91.0	3.8	4.9	2.1	4.0	3.9	6.7	4.9	7.9	3.8	
G92.0	3.4	7.7	0.3	6.2	4.6	4.9	4.4	6.1	3.4	
G93.0	4.4	5.2	0.1	3.3	3.8	3.8	4.6	5.7	4.4	
G94.0	5.8	2.8	2.6	6.0	3.3	1.7	4.2	6.5	5.8	
G95.0	2.4	2.8	1.3	2.6	1.3	4.9	4.0	5.7	2.4	
G96.0	0.8	3.0	1.2	5.8	1.4	0.8	4.5	4.5	0.8	
G97.0	2.3	3.2	1.4	5.6	2.6	1.9	4.2	5.2	2.3	
G98.0	6.0	5.1	3.6	5.6	1.4	5.8	5.6	5.8	6.0	
G99.0	4.7	3.8	2.0	5.5	2.2	0.5	4.4	4.4	4.7	
G100.0	6.4	3.2	1.4	5.3	2.0	6.2	6.1	4.5	6.4	
G101.0	2.6	4.2	1.2	4.9	1.9	6.4	2.2	3.9	2.6	
G102.0	6.8	3.7	1.8	4.8	1.8	5.0	4.1	5.1	6.8	
G103.0	6.9	5.2	0.0	0.3	2.0	0.9	4.1	3.1	6.9	
G104.0	3.2	3.0	0.0	5.3	1.5	4.4	3.3	2.3	3.2	
G105.0	3.4	4.6	1.5	1.5	2.1	0.0	3.2	4.2	3.4	
G106.0	3.4	2.1	0.0	3.3	2.0	0.0	5.6	4.2	3.4	
G107.0	3.6	2.8	1.4	0.0	2.0	0.0	4.1	4.2	3.6	
G108.0	3.5	2.9	2.4	0.3	1.0	0.0	3.9	2.7	3.5	
G109.0	7.1	0.0	2.0	2.7	2.2	0.0	4.7	2.7	7.1	
G110.0	7.1	2.8	1.8	0.0	0.6	2.1	2.6	1.0	7.1	

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector:

### Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G111.0	4.1	2.9	0.2	0.0	2.3	0.0	0.0	4.2	4.1	
G112.0	4.0	0.5	0.1	0.0	0.5	0.0	3.4	0.8	4.0	
G113.0	3.9	4.5	1.5	0.0	0.4	0.0	0.0	0.6	3.9	
G114.0	3.9	0.0	1.4	0.8	2.5	0.0	3.2	4.1	3.9	
G115.0	4.1	0.0	1.4	0.0	0.3	1.6	3.2	2.6	4.1	
G116.0	5.0	0.0	0.6	1.8	0.3	3.2	1.8	4.2	5.0	
G117.0	4.6	0.0	1.3	1.2	0.2	1.7	1.7	3.8	4.6	
G118.0	2.7	2.4	0.0	3.1	0.1	1.6	0.0	4.3	2.7	
G119.0	1.6	0.0	0.0	0.0	0.0	0.0	3.0	4.4	1.6	
G120.0	0.0	3.6	0.0	0.0	0.0	1.6	1.6	4.5	0.0	
G121.0	1.4	0.0	0.0	0.0	2.0	0.0	0.0	0.5	1.4	
G122.0	0.9	0.0	0.0	1.4	0.0	3.2	0.0	4.7	0.9	
G123.0	0.8	0.0	0.0	0.6	0.0	0.0	3.0	4.6	0.8	
G124.0	2.1	1.3	0.0	0.1	1.0	1.7	0.0	4.2	2.1	
G125.0	0.5	0.0	0.1	1.6	1.0	0.0	1.5	3.8	0.5	
G126.0	2.4	2.7	0.0	1.6	1.1	0.0	0.0	3.5	2.4	
G127.0	2.5	2.1	0.0	1.8	1.1	3.1	1.5	3.0	2.5	
G128.0	2.6	1.9	0.0	0.3	0.0	0.0	0.0	0.0	2.6	
G129.0	0.0	1.7	0.7	0.0	1.2	0.0	3.0	0.0	0.0	
G130.0	2.9	1.5	0.3	0.5	0.0	0.0	1.4	2.8	2.9	
G131.0	0.0	1.4	0.0	1.0	0.0	0.0	0.0	1.3	0.0	
G132.0	0.0	1.5	0.6	1.0	1.3	0.0	0.0	0.0	0.0	
G133.0	0.0	1.3	2.0	0.6	0.0	1.8	2.8	2.5	0.0	
G134.0	3.3	0.4	2.1	2.3	0.0	3.3	2.7	2.4	3.3	
G135.0	3.5	0.0	0.6	0.0	0.0	3.2	2.6	2.9	3.5	
G136.0	3.4	0.7	0.4	1.1	1.3	3.2	0.0	0.3	3.4	
G137.0	1.9	0.4	0.8	1.1	0.0	3.2	2.5	0.4	1.9	
G138.0	2.0	0.4	0.0	0.0	0.0	0.0	0.9	0.5	2.0	
G139.0	0.0	0.0	0.0	3.2	0.0	3.2	0.0	0.7	0.0	
G140.0	3.8	1.3	2.6	0.6	1.3	0.0	0.4	0.9	3.8	
G141.0	2.0	2.5	2.7	2.9	1.4	0.0	0.6	1.0	2.0	
G142.0	3.6	0.0	0.8	0.6	0.0	0.0	2.1	1.2	3.6	
G143.0	0.0	0.0	0.0	3.0	0.0	0.0	1.9	1.2	0.0	
G144.0	0.0	3.3	0.0	1.5	0.0	2.4	1.8	1.6	0.0	
G145.0	3.6	1.8	0.7	0.0	0.0	0.5	0.0	1.2	3.6	
G146.0	0.0	2.0	0.1	3.4	1.4	2.1	0.3	1.8	0.0	
G147.0	0.0	3.2	0.0	1.0	1.3	1.1	0.0	0.9	0.0	

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector:

### Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G148.0	0.0	3.5	3.2	1.1	0.0	1.7	1.5	0.8	0.0	
G149.0	0.0	0.0	0.0	3.3	0.0	1.3	1.5	0.6	0.0	
G150.0	0.0	0.0	0.0	3.3	0.0	1.9	1.8	3.0	0.0	
G151.0	0.0	2.2	3.3	1.2	1.2	2.0	1.8	0.3	0.0	
G152.0	3.7	2.1	1.9	1.7	0.0	2.2	1.2	0.4	3.7	
G153.0	0.0	0.0	0.0	1.4	0.0	0.6	1.1	3.0	0.0	
G154.0	0.0	0.0	0.0	1.4	0.0	0.7	0.7	0.0	0.0	
G155.0	0.4	3.5	3.7	1.4	1.0	2.6	0.0	3.2	0.4	
G156.0	3.9	3.4	3.7	1.4	0.0	0.4	2.4	3.3	3.9	
G157.0	3.7	0.0	3.8	1.4	0.0	0.3	0.7	3.4	3.7	
G158.0	0.0	1.8	3.8	1.6	0.9	2.9	0.6	3.5	0.0	
G159.0	3.7	0.0	0.0	2.0	0.9	3.2	1.2	0.0	3.7	
G160.0	0.0	0.0	0.0	1.8	0.0	0.0	0.4	0.0	0.0	
G161.0	3.7	1.5	3.8	1.8	0.0	0.2	3.0	3.7	3.7	
G162.0	3.6	1.4	2.3	0.6	0.0	3.4	0.2	0.0	3.6	
G163.0	0.0	0.0	0.0	2.3	0.6	0.0	3.0	3.8	0.0	
G164.0	0.0	0.8	0.0	1.1	0.6	3.6	0.0	0.0	0.0	
G165.0	2.2	2.5	2.3	0.9	0.0	0.0	0.0	3.7	2.2	
G166.0	3.6	1.2	0.0	0.8	0.4	0.0	0.0	0.0	3.6	
G167.0	3.6	2.4	2.3	1.7	2.0	3.7	0.0	3.6	3.6	
G168.0	0.0	2.3	3.7	3.3	0.0	0.0	0.0	3.7	0.0	
G169.0	0.0	1.3	0.0	0.1	0.1	0.0	0.0	3.6	0.0	
G170.0	3.7	1.4	0.0	0.0	0.2	4.0	0.0	3.6	3.7	
G171.0	0.0	1.5	0.0	0.0	0.2	3.6	3.6	3.5	0.0	
G172.0	0.0	0.5	2.3	3.8	0.2	3.7	3.8	0.1	0.0	
G173.0	0.0	0.5	0.0	3.8	1.8	3.7	3.7	0.0	0.0	
G174.0	0.0	1.7	0.0	2.4	0.4	3.8	3.7	3.2	0.0	
G175.0	2.3	1.6	2.2	0.0	0.4	0.0	0.0	0.6	2.3	
G176.0	3.8	2.2	0.0	0.0	2.0	3.8	0.0	0.4	3.8	
G177.0	3.9	0.3	3.8	3.6	0.5	0.0	4.2	2.8	3.9	
G178.0	0.0	1.8	2.2	0.5	1.6	3.7	3.5	2.6	0.0	
G179.0	3.7	1.6	0.2	0.3	0.5	0.5	3.2	1.4	3.7	
G180.0	3.5	0.7	0.0	3.8	1.8	3.8	1.4	1.5	3.5	

C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector: