

Report No.:

Test Time: 2020-08-31 09:18

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MR0527KSM-53WFL Voltage: 11.8 V

Current: 0.589 A

Power: 5.40 W

Power Factor: 0.778

## Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 398.8 lm

Measurement Flux: 398.8 lm

Efficiency: 100%

Downward Ratio: 99%

Upward Ratio: 1%

Horizontal Diffuse Angle(10%,50%,75%,100%): H85.8,H51.3,H33.1,H7

Vertical Diffuse Angle(10%,50%,75%,100%): V85.2,V52,V33.5,V3

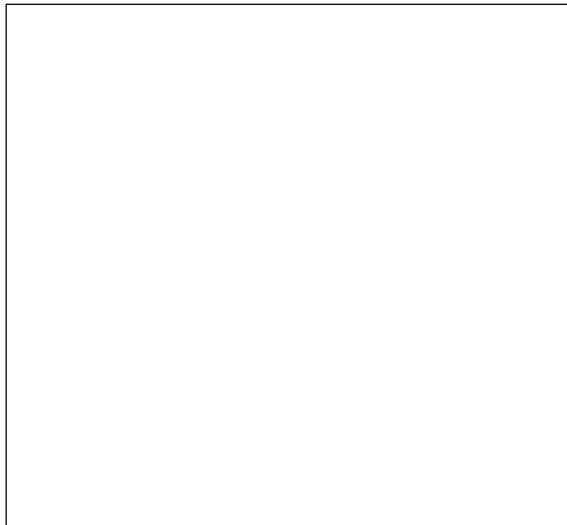
Luminaire Efficacy Rating (LER): 74

Central Intensity: 474.48 cd

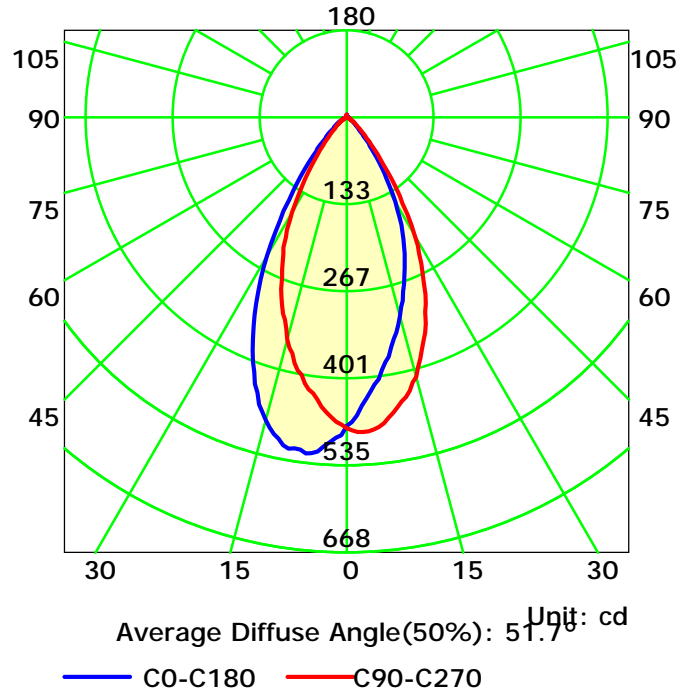
Max. Intensity: 520.29 cd

Pos of Max. Intensity: H180 V7

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

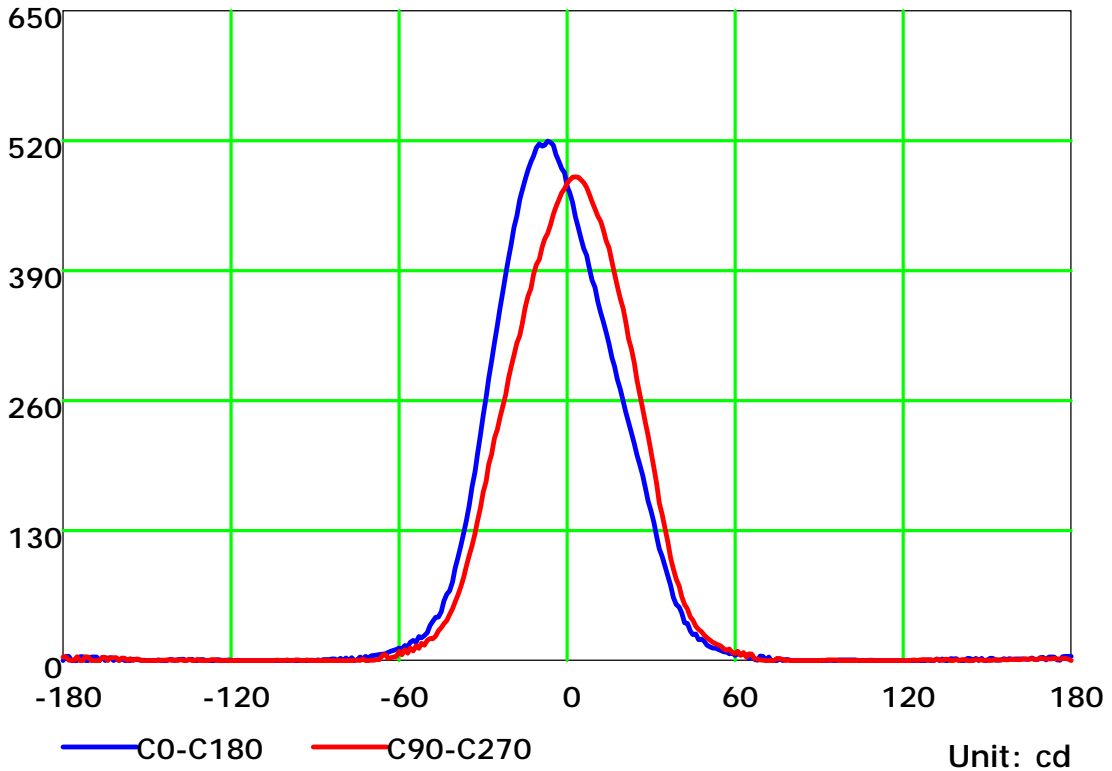
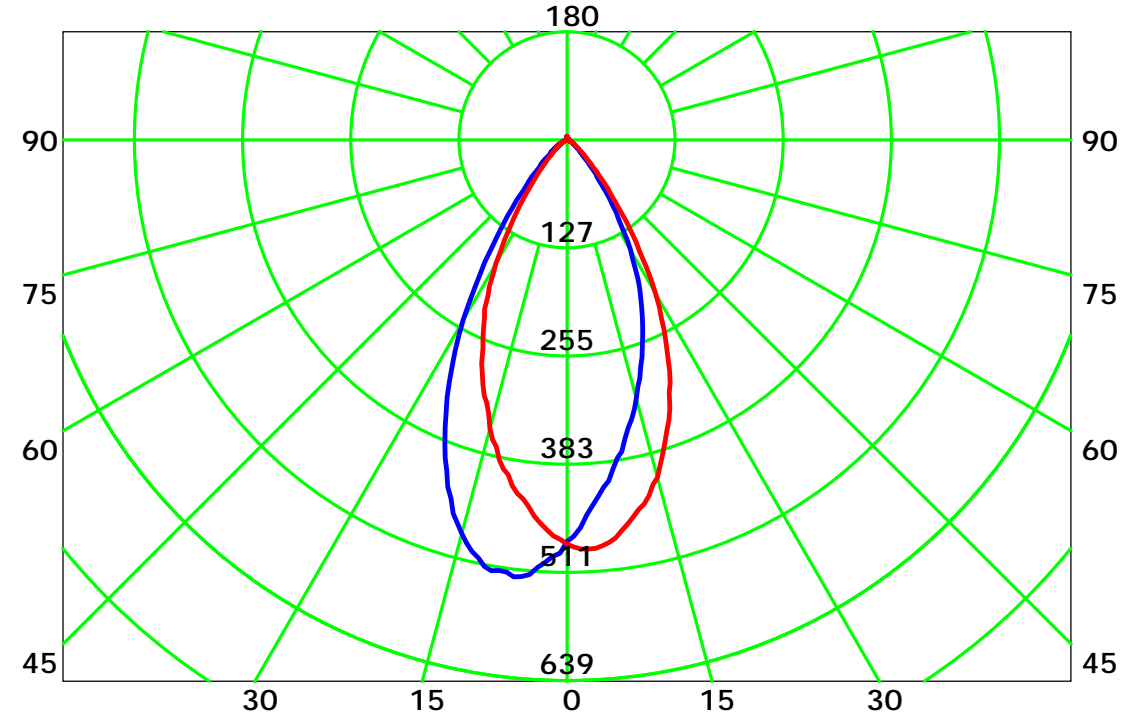
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

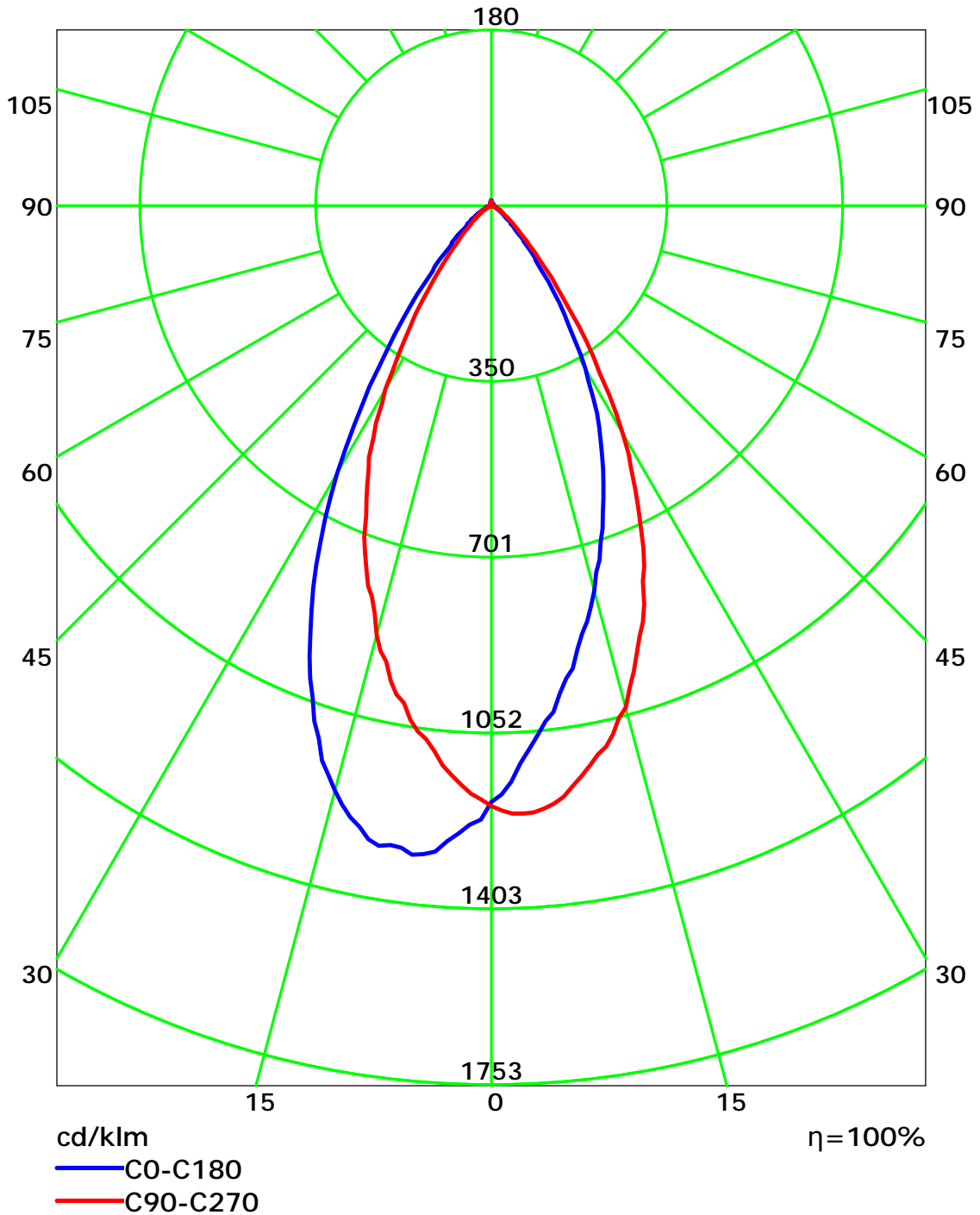
## Luminous Intensity Distribution Curve



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)



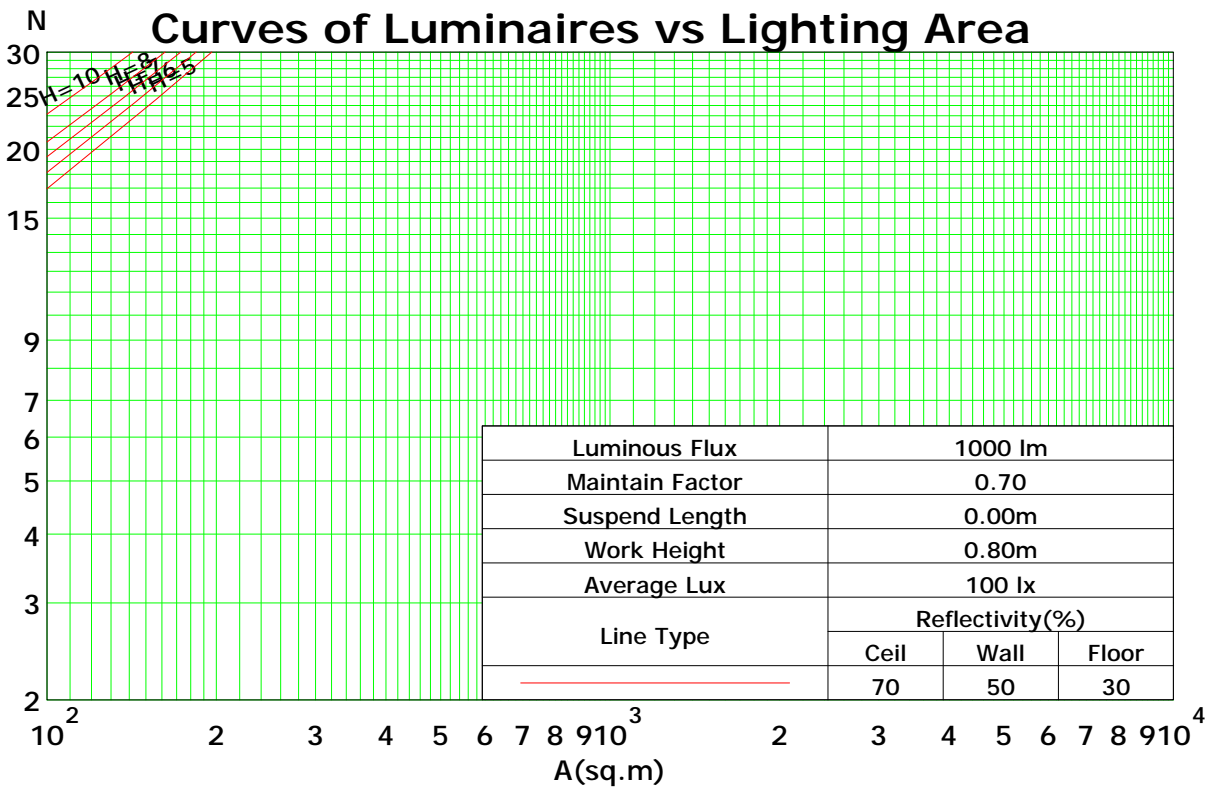
C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	113	110	108	105	111	108	106	104	104	102	100	100	98	97	96	95	94	92
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85
3	101	95	90	86	99	93	89	85	91	87	83	88	85	82	86	83	81	79
4	96	88	83	78	94	87	82	78	85	80	77	83	79	76	81	77	75	73
5	91	82	76	72	89	81	76	72	80	75	71	78	74	70	76	72	70	68
6	86	77	71	67	85	76	71	66	75	70	66	73	69	65	72	68	65	63
7	82	73	66	62	81	72	66	62	70	65	61	69	65	61	68	64	61	59
8	78	68	62	58	77	68	62	58	66	61	57	65	61	57	64	60	57	55
9	74	64	58	54	73	64	58	54	63	58	54	62	57	54	61	57	54	52
10	71	61	55	51	70	60	55	51	60	54	51	59	54	51	58	54	50	49

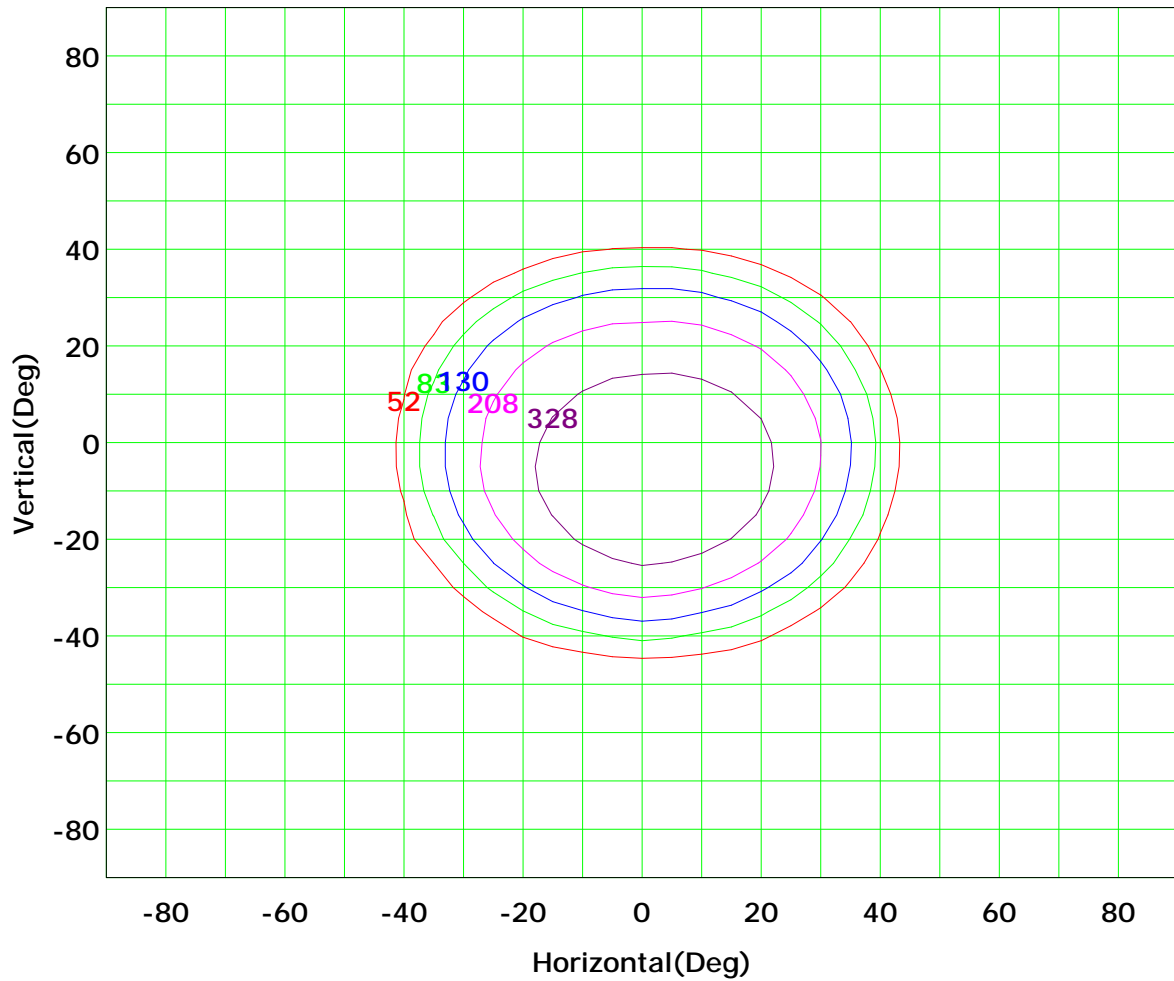
Spacing Criteria (0-180): 0.84  
 Spacing Criteria (90-270): 0.80  
 Spacing Criteria (Diagonal): 0.83



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)



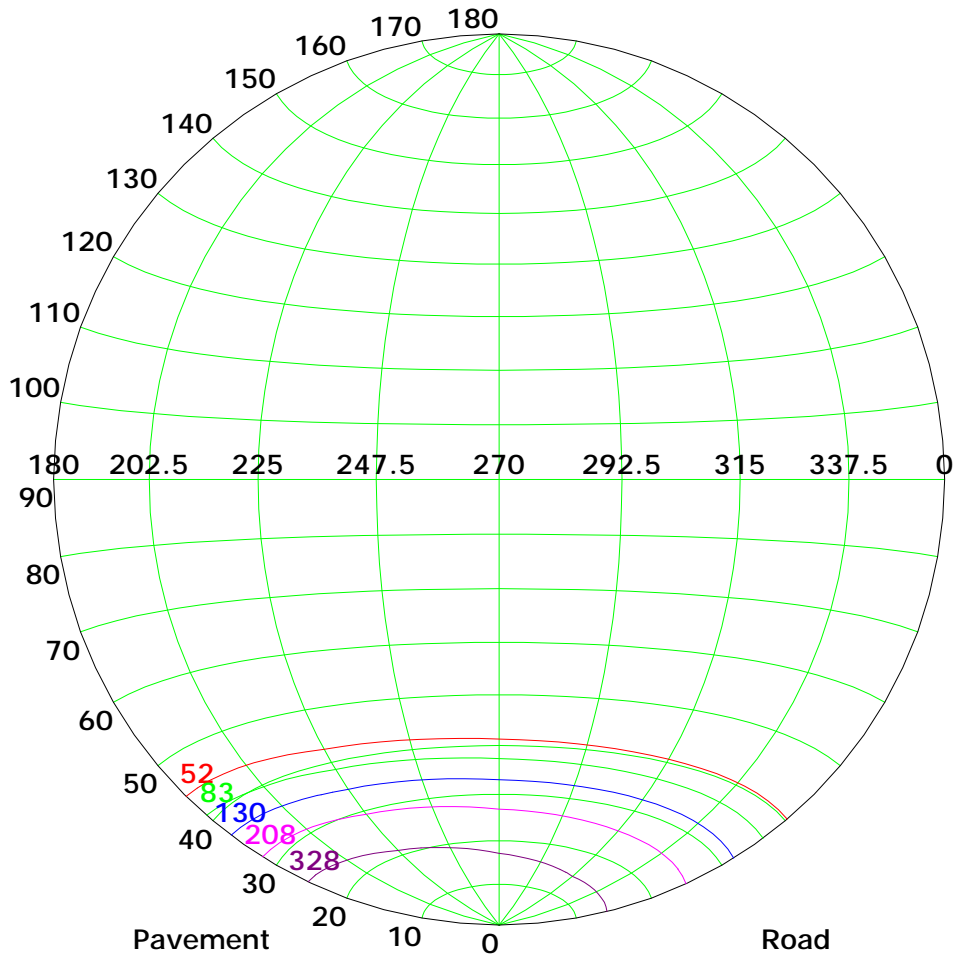
Imax (100%): 520 cd

— ( 10%):	52 cd	— ( 16%):	83 cd
— ( 25%):	130 cd	— ( 40%):	208 cd
— ( 63%):	328 cd	— (100%):	520 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)



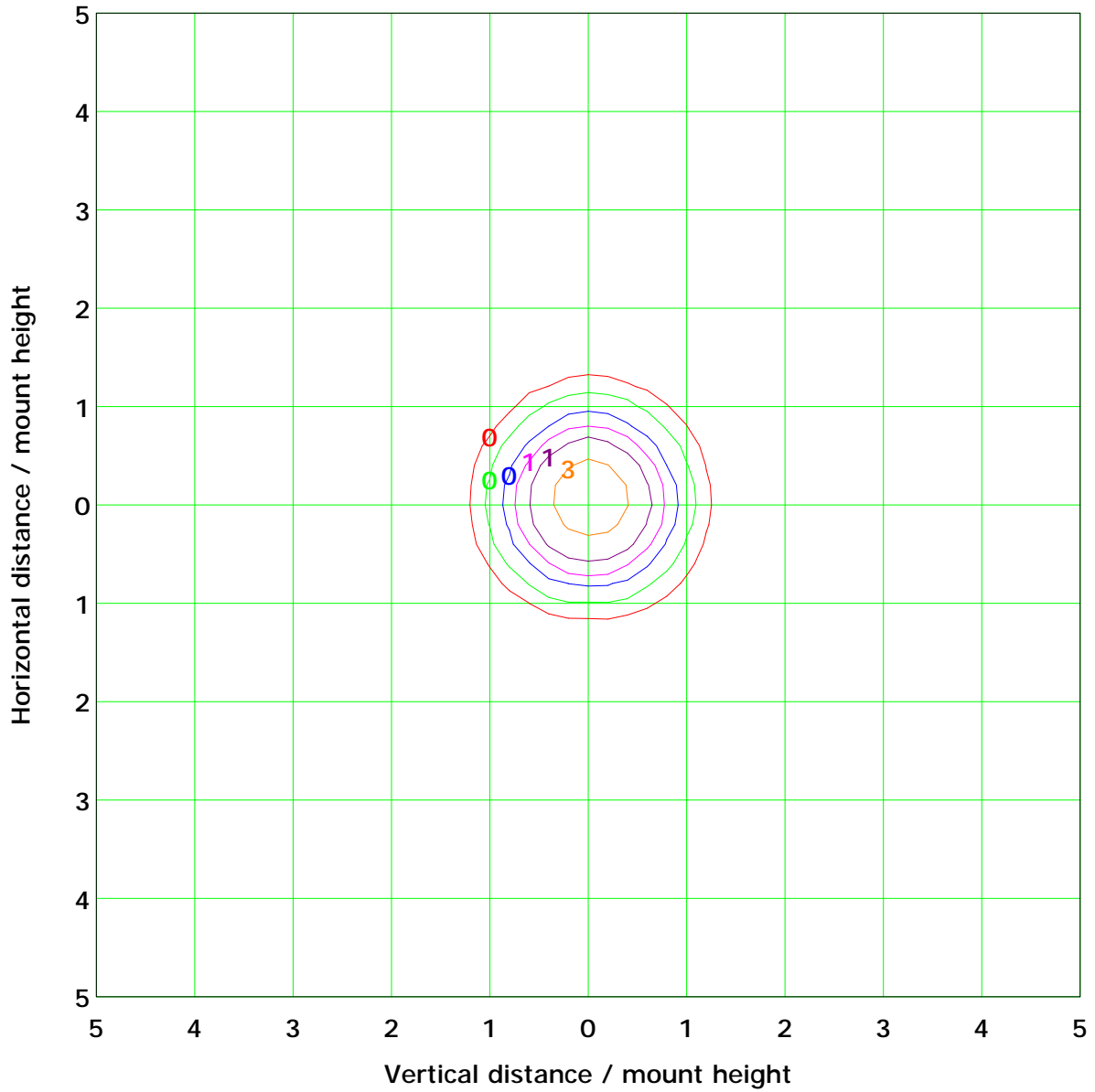
Imax (100%): 520 cd

— ( 10%):	52 cd	— ( 16%):	83 cd
— ( 25%):	130 cd	— ( 40%):	208 cd
— ( 63%):	328 cd	— (100%):	520 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



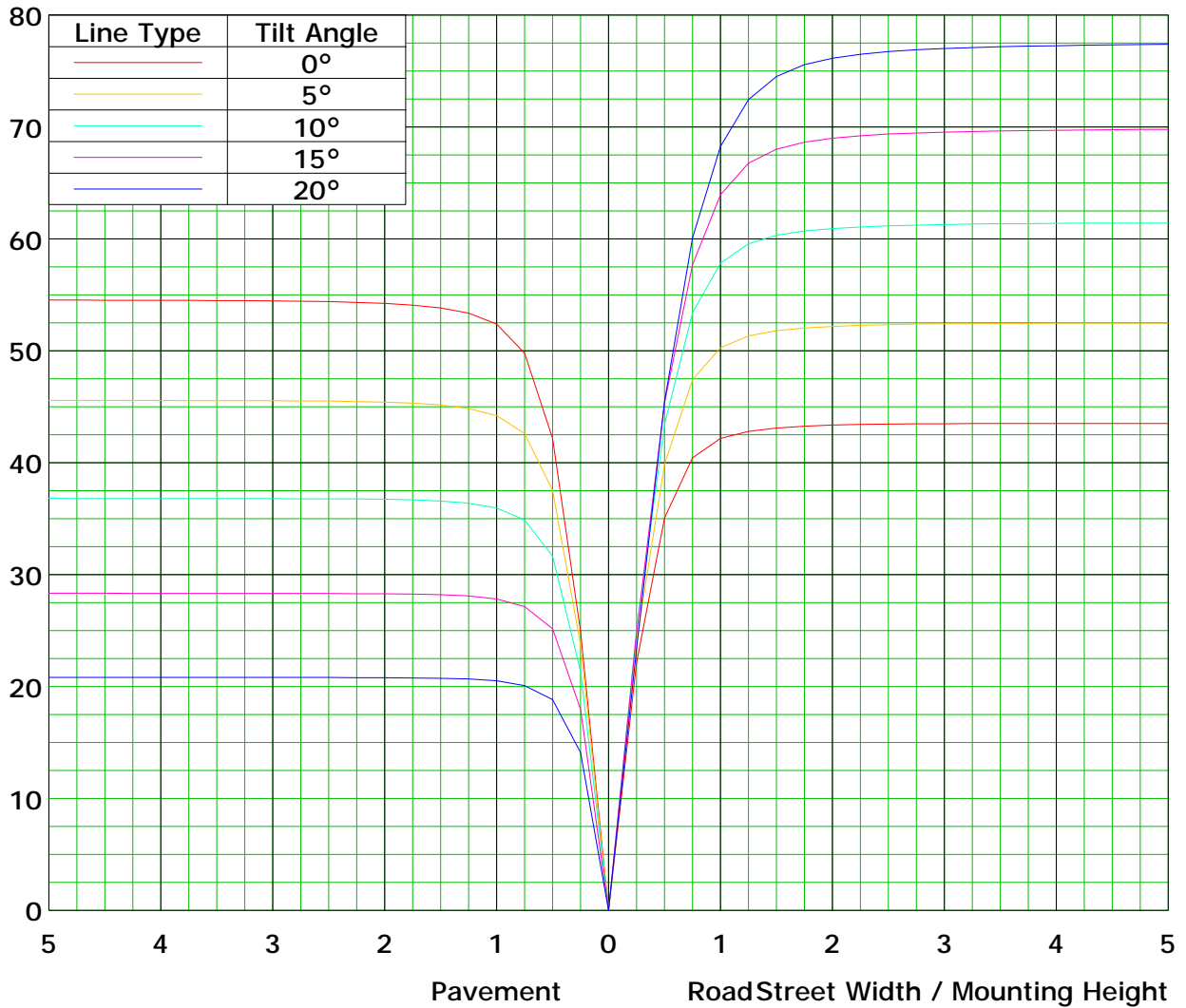
Mounting Height: 10.0m		Max Lux(100%): 5.1 lx	
— ( 1%):	0.1 lx	— ( 2%):	0.1 lx
— ( 5%):	0.3 lx	— (10%):	0.5 lx
— (20%):	1.0 lx	— (50%):	2.6 lx
— (100%):	5.1 lx		

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:

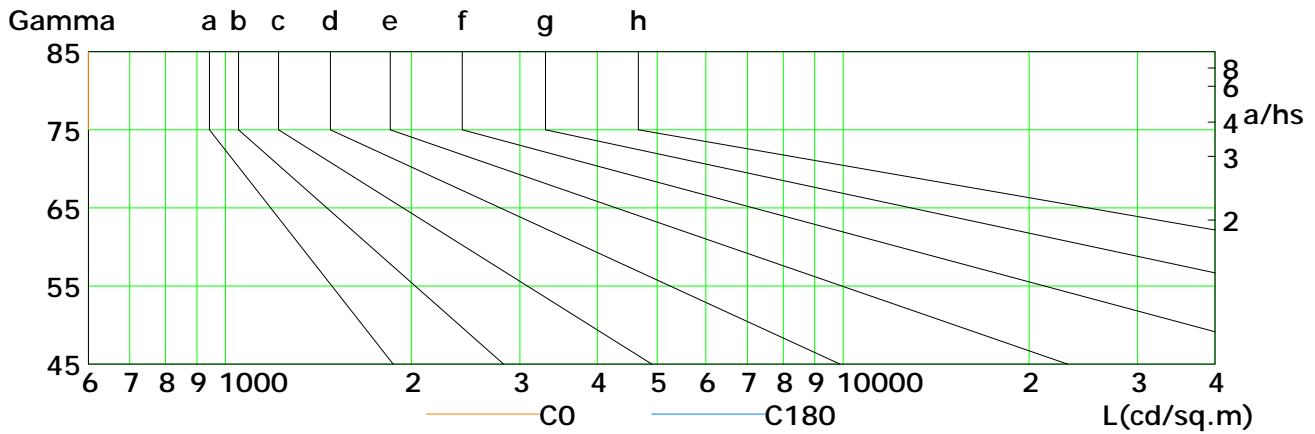
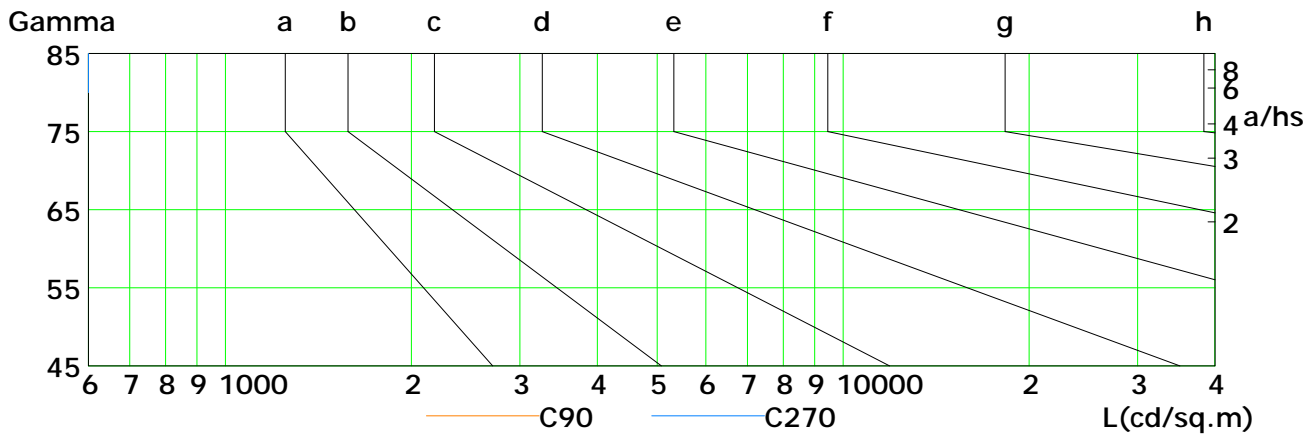
Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 8.177 m  
 Humidity:  
 Inspector:



### 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

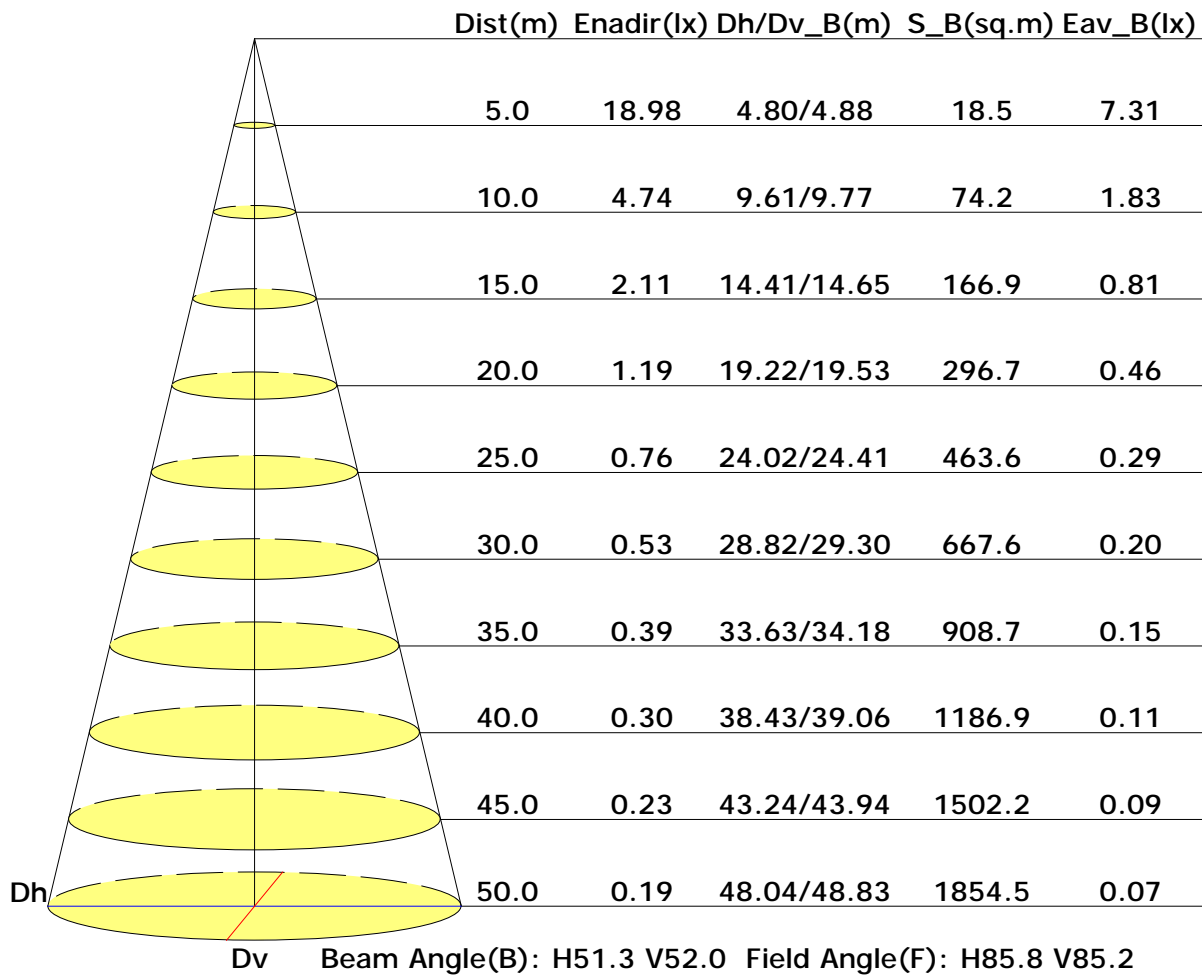


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	26	15	10	5	2	4	0	0	0
C90	40	23	15	7	7	1	2	0	0
C180	49	28	20	13	7	5	1	0	1
C270	33	20	10	9	6	0	1	0	0

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:

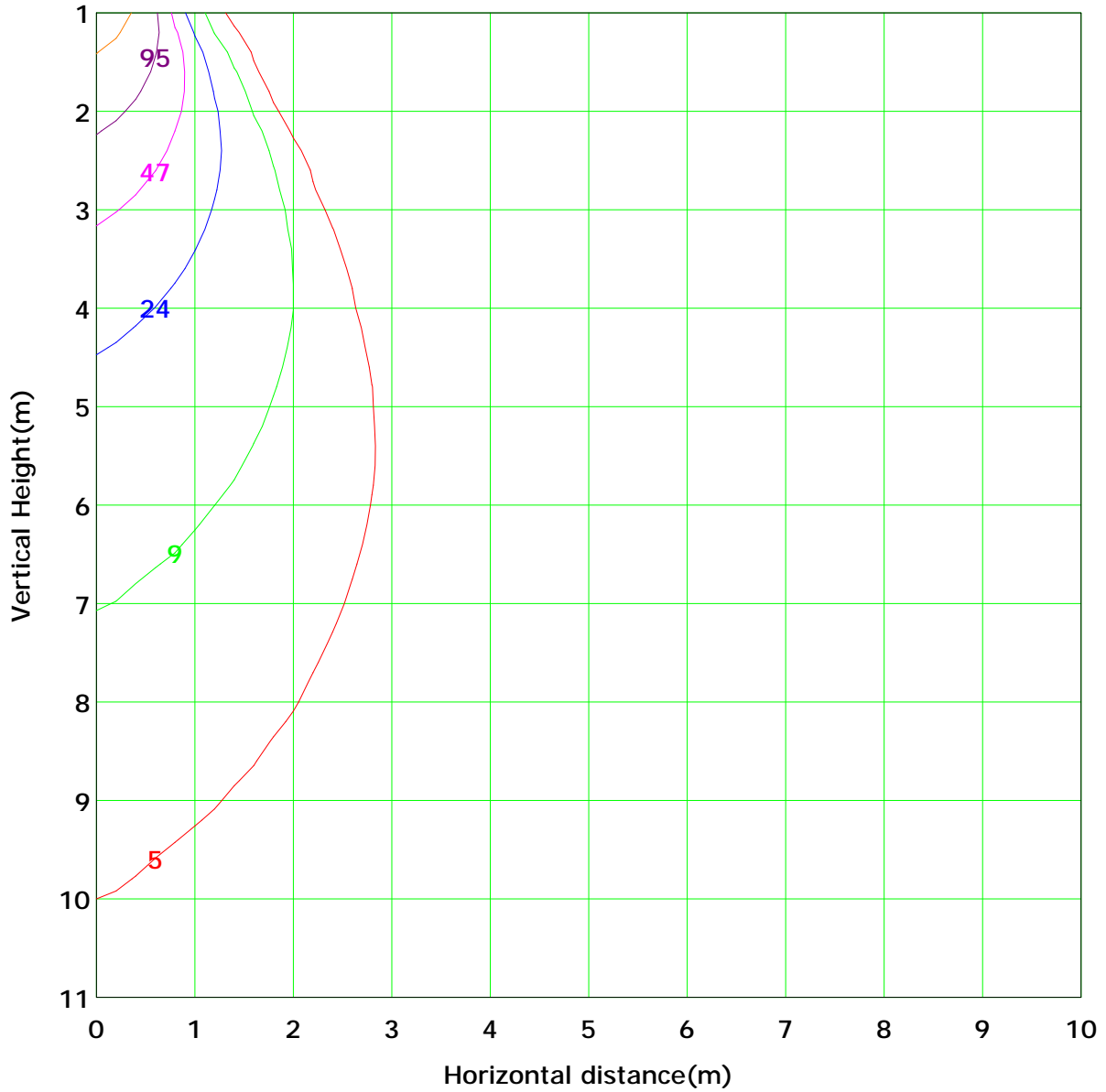
## Illuminance at a Distance



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: 474.5 lx

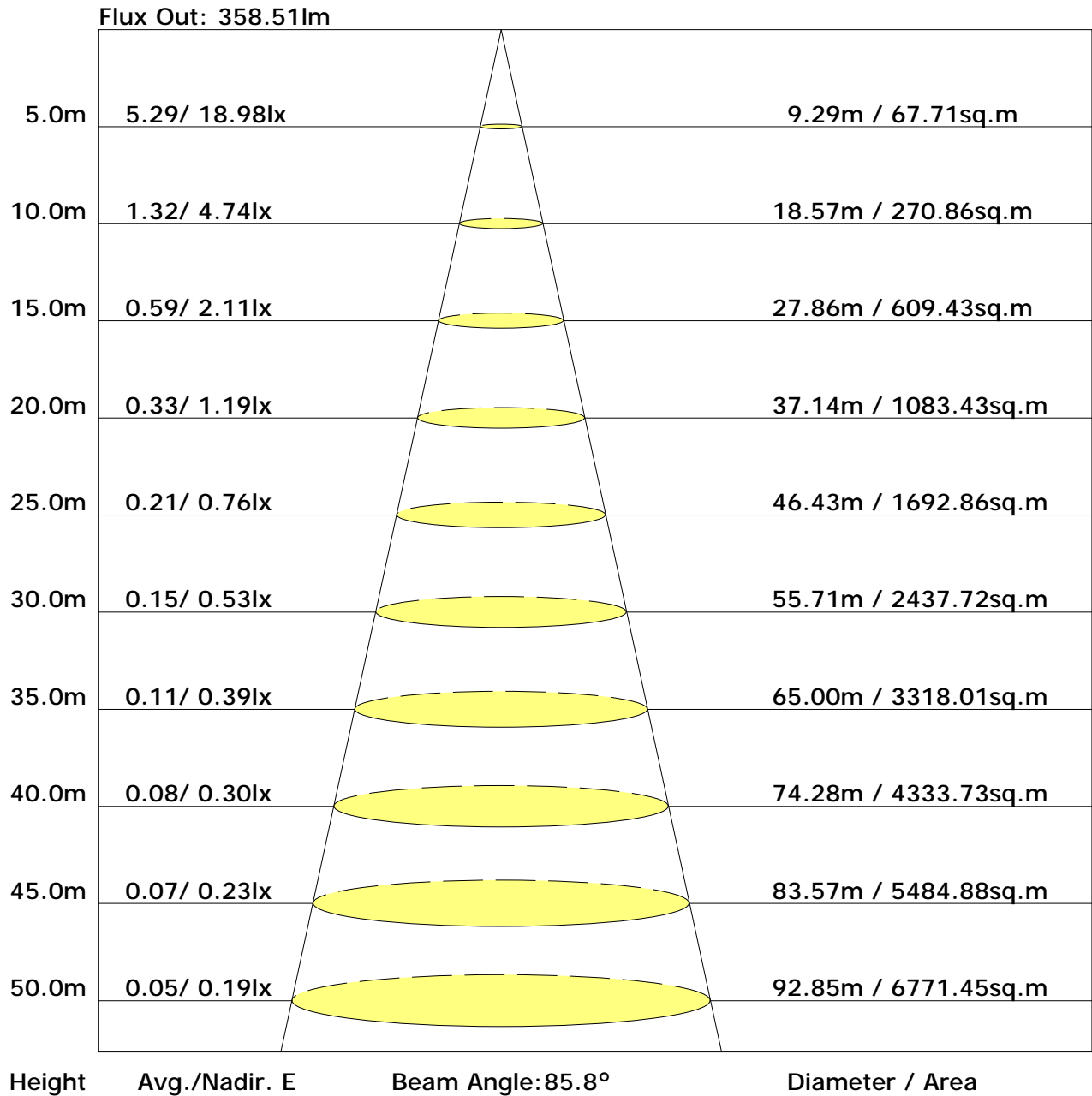
— ( 1%): 4.7 lx	— ( 2%): 9.5 lx
— ( 5%): 23.7 lx	— ( 10%): 47.4 lx
— ( 20%): 94.9 lx	— ( 50%): 237.2 lx
— (100%): 474.5 lx	

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

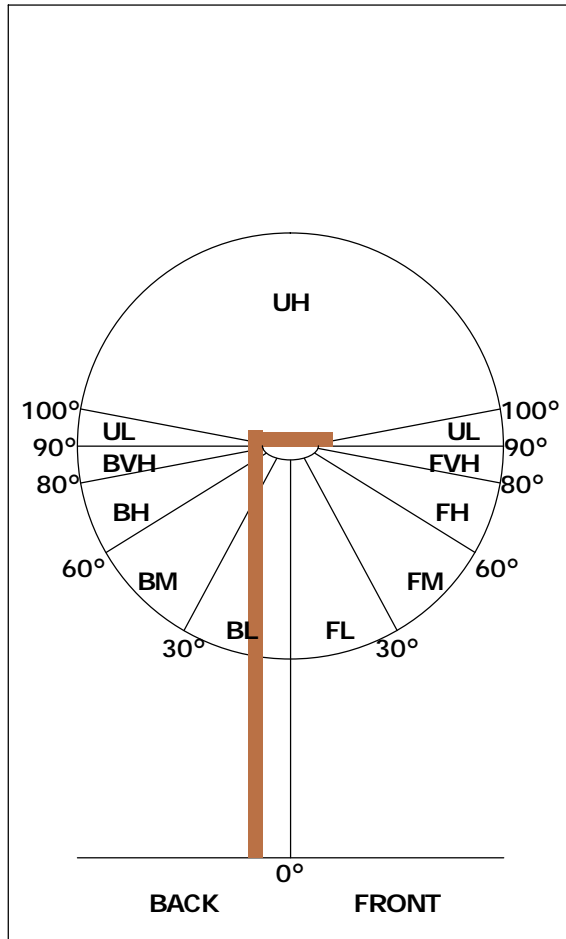
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$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



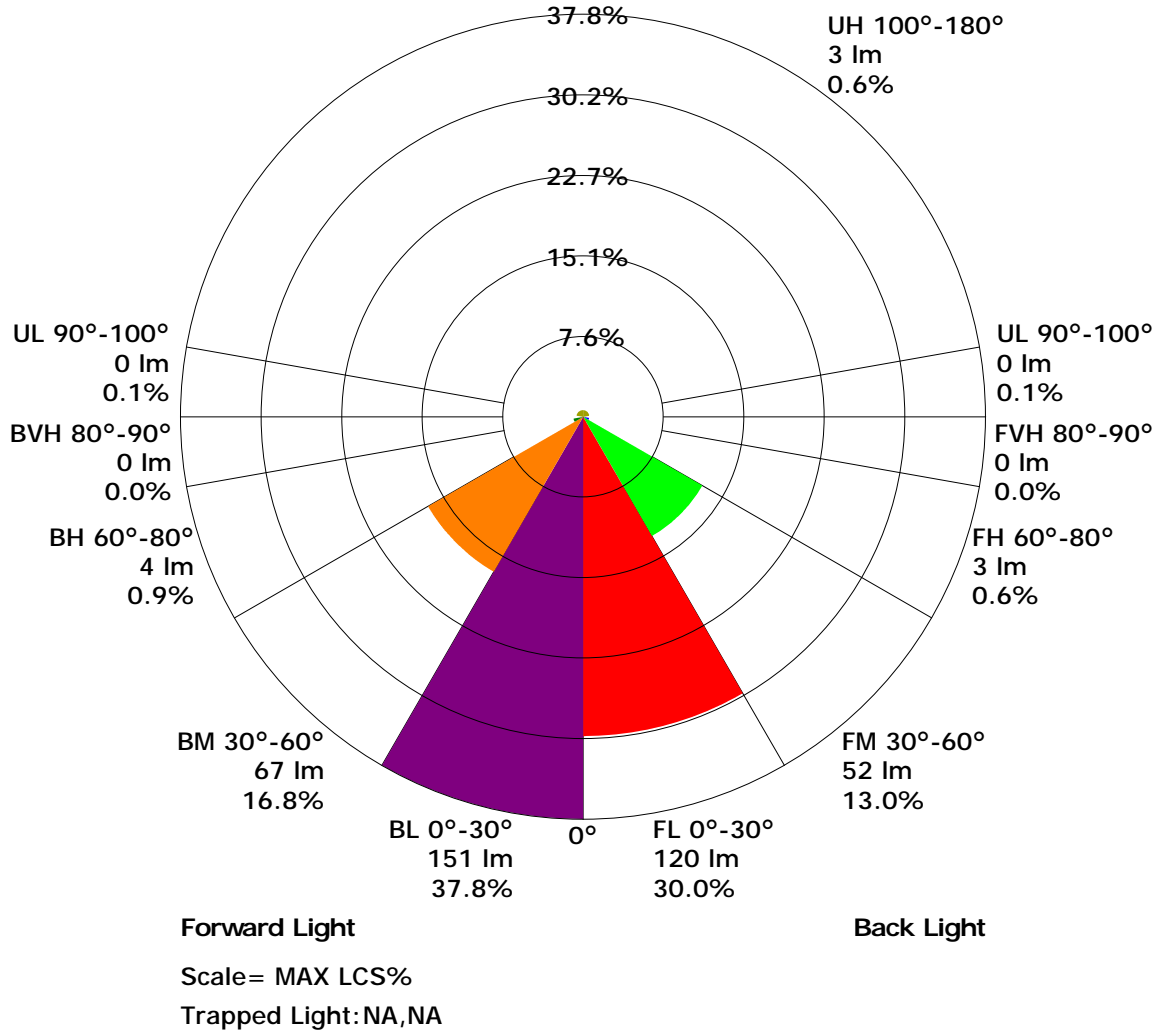
ZONE	LUMENS	% LAMP LUMENS
<b>FORWARD LIGHT</b>	<b>174</b>	<b>43.7</b>
FL ( 0°-30°)	120	30.0
FM (30°-60°)	52	13.0
FH (60°-80°)	3	0.6
FVH (80°-90°)	0	0.0
<b>BACK LIGHT</b>	<b>222</b>	<b>55.6</b>
BL ( 0°-30°)	151	37.8
BM (30°-60°)	67	16.8
BH (60°-80°)	4	0.9
BVH (80°-90°)	0	0.0
<b>UP LIGHT</b>	<b>3</b>	<b>0.7</b>
UL (90°-100°)	0	0.1
UH (100°-180°)	3	0.6
<b>TRAPPED LIGHT</b>	<b>NA</b>	<b>NA</b>

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 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:

### LCS Graph



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 = 0.75								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.80	0.87	0.92	0.96	1.00	1.03	1.05	1.08	1.10
	0.30		0.75	0.83	0.88	0.92	0.97	1.00	1.02	1.05	1.07
	0.20		0.71	0.79	0.84	0.88	0.94	0.97	1.00	1.03	1.06
0.50	0.50	0.20	0.78	0.86	0.90	0.93	0.97	1.00	1.02	1.04	1.05
	0.30		0.74	0.81	0.86	0.90	0.94	0.97	0.99	1.02	1.04
	0.20		0.71	0.78	0.83	0.87	0.92	0.95	0.97	1.00	1.02
0.30	0.50	0.20	0.77	0.84	0.88	0.91	0.95	0.97	0.99	1.00	1.02
	0.30		0.73	0.80	0.85	0.88	0.92	0.95	0.97	0.99	1.00
	0.20		0.70	0.77	0.82	0.86	0.90	0.93	0.95	0.98	0.99
0.00	0.00	0.00	0.68	0.75	0.80	0.83	0.87	0.89	0.91	0.93	0.94
<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>											

## Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.64	0.52	0.43	0.37	0.29	0.24	0.20	0.15	0.13	
	0.30		0.54	0.44	0.37	0.33	0.26	0.22	0.19	0.15	0.12	
	0.20		0.46	0.38	0.33	0.29	0.24	0.20	0.17	0.14	0.11	
0.50	0.50	0.20	0.62	0.49	0.40	0.35	0.27	0.26	0.19	0.14	0.11	
	0.30		0.52	0.42	0.36	0.31	0.25	0.20	0.17	0.13	0.11	
	0.20		0.45	0.37	0.32	0.28	0.23	0.19	0.16	0.13	0.11	
0.30	0.50	0.20	0.59	0.46	0.38	0.32	0.25	0.20	0.17	0.13	0.11	
	0.30		0.50	0.41	0.34	0.29	0.23	0.19	0.16	0.12	0.10	
	0.20		0.44	0.36	0.31	0.27	0.21	0.18	0.15	0.12	0.10	
0.00	0.00	0.00	0.31	0.24	0.20	0.17	0.13	0.10	0.09	0.07	0.05	
<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 = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.14	0.15	0.16	0.17	0.19	0.19	0.20	0.21	0.21	
	0.30		0.09	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.19	
0.50	0.50	0.20	0.13	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.20	
	0.30		0.09	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.06	0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.18	
0.30	0.50	0.20	0.13	0.14	0.15	0.16	0.17	0.18	0.18	0.19	0.20	
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.18	
	0.20		0.06	0.08	0.10	0.11	0.13	0.14	0.15	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: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	477.4	0.5	0.5	0.11	0.11
1.0-2.0	476.7	1.4	1.8	0.34	0.46
2.0-3.0	474.0	2.3	4.1	0.57	1.03
3.0-4.0	470.5	3.1	7.2	0.79	1.82
4.0-5.0	467.3	4.0	11.3	1.01	2.82
5.0-6.0	463.4	4.9	16.1	1.22	4.05
6.0-7.0	459.1	5.7	21.8	1.43	5.48
7.0-8.0	453.2	6.5	28.3	1.63	7.10
8.0-9.0	446.1	7.2	35.6	1.81	8.92
9.0-10.0	439.8	8.0	43.5	2.00	10.91
10.0-11.0	432.7	8.6	52.2	2.17	13.08
11.0-12.0	423.9	9.3	61.4	2.32	15.40
12.0-13.0	414.8	9.8	71.3	2.47	17.87
13.0-14.0	405.2	10.4	81.6	2.60	20.47
14.0-15.0	395.0	10.8	92.5	2.72	23.19
15.0-16.0	383.5	11.2	103.7	2.82	26.01
16.0-17.0	371.6	11.6	115.3	2.90	28.91
17.0-18.0	359.7	11.9	127.2	2.97	31.89
18.0-19.0	347.4	12.1	139.2	3.03	34.92
19.0-20.0	334.9	12.3	151.5	3.07	37.99
20.0-21.0	322.2	12.4	163.9	3.10	41.10
21.0-22.0	308.8	12.4	176.3	3.11	44.21
22.0-23.0	295.2	12.4	188.7	3.11	47.32
23.0-24.0	282.2	12.3	201.0	3.09	50.41
24.0-25.0	269.1	12.2	213.3	3.07	53.48
25.0-26.0	256.1	12.1	225.4	3.03	56.51
26.0-27.0	242.1	11.8	237.2	2.97	59.48
27.0-28.0	227.5	11.5	248.7	2.89	62.37
28.0-29.0	212.9	11.1	259.9	2.79	65.17
29.0-30.0	198.5	10.7	270.6	2.69	67.86
30.0-31.0	183.8	10.2	280.8	2.57	70.42
31.0-32.0	168.5	9.7	290.5	2.42	72.84
32.0-33.0	153.4	9.0	299.5	2.27	75.11
33.0-34.0	140.0	8.5	308.0	2.12	77.23
34.0-35.0	127.3	7.9	315.9	1.98	79.22
35.0-36.0	114.1	7.3	323.1	1.82	81.04

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	102.4	6.7	329.8	1.67	82.71
37.0-38.0	91.4	6.1	335.9	1.53	84.24
38.0-39.0	81.5	5.6	341.5	1.39	85.64
39.0-40.0	72.6	5.1	346.6	1.27	86.91
40.0-41.0	64.2	4.6	351.1	1.15	88.05
41.0-42.0	56.5	4.1	355.2	1.03	89.08
42.0-43.0	51.0	3.8	359.0	0.95	90.03
43.0-44.0	45.8	3.5	362.5	0.87	90.90
44.0-45.0	39.8	3.1	365.5	0.77	91.66
45.0-46.0	35.4	2.8	368.3	0.69	92.36
46.0-47.0	31.7	2.5	370.8	0.63	92.99
47.0-48.0	28.4	2.3	373.1	0.58	93.57
48.0-49.0	26.0	2.1	375.2	0.54	94.10
49.0-50.0	23.2	1.9	377.2	0.49	94.59
50.0-51.0	20.5	1.7	378.9	0.44	95.03
51.0-52.0	18.8	1.6	380.5	0.41	95.43
52.0-53.0	17.2	1.5	382.0	0.38	95.81
53.0-54.0	15.6	1.4	383.4	0.34	96.15
54.0-55.0	14.0	1.2	384.7	0.31	96.46
55.0-56.0	12.7	1.1	385.8	0.29	96.75
56.0-57.0	11.4	1.0	386.8	0.26	97.01
57.0-58.0	10.8	1.0	387.8	0.25	97.26
58.0-59.0	9.8	0.9	388.8	0.23	97.49
59.0-60.0	8.4	0.8	389.6	0.20	97.69
60.0-61.0	8.1	0.8	390.3	0.19	97.89
61.0-62.0	7.5	0.7	391.1	0.18	98.07
62.0-63.0	6.8	0.7	391.7	0.17	98.24
63.0-64.0	5.8	0.6	392.3	0.14	98.38
64.0-65.0	4.9	0.5	392.8	0.12	98.50
65.0-66.0	4.9	0.5	393.3	0.12	98.62
66.0-67.0	4.1	0.4	393.7	0.10	98.73
67.0-68.0	3.0	0.3	394.0	0.08	98.80
68.0-69.0	3.0	0.3	394.3	0.08	98.88
69.0-70.0	2.8	0.3	394.6	0.07	98.95
70.0-71.0	2.4	0.2	394.8	0.06	99.01
71.0-72.0	2.0	0.2	395.0	0.05	99.06

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	1.5	0.2	395.2	0.04	99.10
73.0-74.0	1.2	0.1	395.3	0.03	99.13
74.0-75.0	0.9	0.1	395.4	0.02	99.16
75.0-76.0	0.9	0.1	395.5	0.02	99.18
76.0-77.0	1.2	0.1	395.6	0.03	99.21
77.0-78.0	0.9	0.1	395.7	0.02	99.24
78.0-79.0	0.5	0.1	395.8	0.01	99.25
79.0-80.0	0.3	0.0	395.8	0.01	99.26
80.0-81.0	0.3	0.0	395.8	0.01	99.27
81.0-82.0	0.3	0.0	395.9	0.01	99.27
82.0-83.0	0.2	0.0	395.9	0.01	99.28
83.0-84.0	0.3	0.0	395.9	0.01	99.29
84.0-85.0	0.2	0.0	395.9	0.01	99.29
85.0-86.0	0.2	0.0	396.0	0.00	99.30
86.0-87.0	0.2	0.0	396.0	0.00	99.30
87.0-88.0	0.1	0.0	396.0	0.00	99.31
88.0-89.0	0.1	0.0	396.0	0.00	99.31
89.0-90.0	0.1	0.0	396.0	0.00	99.31
90.0-91.0	0.1	0.0	396.0	0.00	99.31
91.0-92.0	0.1	0.0	396.0	0.00	99.32
92.0-93.0	0.1	0.0	396.1	0.00	99.32
93.0-94.0	0.2	0.0	396.1	0.01	99.33
94.0-95.0	0.2	0.0	396.1	0.01	99.33
95.0-96.0	0.2	0.0	396.1	0.01	99.34
96.0-97.0	0.2	0.0	396.1	0.01	99.34
97.0-98.0	0.2	0.0	396.2	0.01	99.35
98.0-99.0	0.2	0.0	396.2	0.01	99.36
99.0-100.0	0.2	0.0	396.2	0.01	99.36
100.0-101.0	0.2	0.0	396.2	0.01	99.37
101.0-102.0	0.1	0.0	396.3	0.00	99.37
102.0-103.0	0.2	0.0	396.3	0.01	99.38
103.0-104.0	0.3	0.0	396.3	0.01	99.39
104.0-105.0	0.2	0.0	396.3	0.01	99.39
105.0-106.0	0.1	0.0	396.3	0.00	99.40
106.0-107.0	0.2	0.0	396.4	0.00	99.40
107.0-108.0	0.2	0.0	396.4	0.01	99.41

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	0.3	0.0	396.4	0.01	99.41
109.0-110.0	0.2	0.0	396.4	0.01	99.42
110.0-111.0	0.2	0.0	396.5	0.01	99.42
111.0-112.0	0.2	0.0	396.5	0.00	99.43
112.0-113.0	0.1	0.0	396.5	0.00	99.43
113.0-114.0	0.1	0.0	396.5	0.00	99.43
114.0-115.0	0.1	0.0	396.5	0.00	99.44
115.0-116.0	0.0	0.0	396.5	0.00	99.44
116.0-117.0	0.0	0.0	396.5	0.00	99.44
117.0-118.0	0.1	0.0	396.5	0.00	99.44
118.0-119.0	0.1	0.0	396.5	0.00	99.44
119.0-120.0	0.0	0.0	396.5	0.00	99.44
120.0-121.0	0.2	0.0	396.6	0.00	99.45
121.0-122.0	0.2	0.0	396.6	0.01	99.45
122.0-123.0	0.2	0.0	396.6	0.01	99.46
123.0-124.0	0.3	0.0	396.6	0.01	99.46
124.0-125.0	0.2	0.0	396.6	0.01	99.47
125.0-126.0	0.2	0.0	396.7	0.01	99.48
126.0-127.0	0.4	0.0	396.7	0.01	99.48
127.0-128.0	0.3	0.0	396.7	0.01	99.49
128.0-129.0	0.3	0.0	396.8	0.01	99.50
129.0-130.0	0.3	0.0	396.8	0.01	99.50
130.0-131.0	0.2	0.0	396.8	0.00	99.51
131.0-132.0	0.4	0.0	396.8	0.01	99.52
132.0-133.0	0.6	0.0	396.9	0.01	99.53
133.0-134.0	0.6	0.0	396.9	0.01	99.54
134.0-135.0	0.8	0.1	397.0	0.02	99.56
135.0-136.0	0.7	0.1	397.0	0.01	99.57
136.0-137.0	0.7	0.1	397.1	0.01	99.58
137.0-138.0	0.8	0.1	397.2	0.01	99.60
138.0-139.0	0.9	0.1	397.2	0.02	99.61
139.0-140.0	0.7	0.0	397.3	0.01	99.63
140.0-141.0	0.3	0.0	397.3	0.01	99.63
141.0-142.0	0.6	0.0	397.3	0.01	99.64
142.0-143.0	0.9	0.1	397.4	0.02	99.66
143.0-144.0	0.6	0.0	397.4	0.01	99.67

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	0.2	0.0	397.5	0.00	99.67
145.0-146.0	0.7	0.0	397.5	0.01	99.68
146.0-147.0	1.0	0.1	397.6	0.01	99.70
147.0-148.0	0.9	0.1	397.6	0.01	99.71
148.0-149.0	0.9	0.1	397.7	0.01	99.73
149.0-150.0	0.5	0.0	397.7	0.01	99.73
150.0-151.0	0.4	0.0	397.7	0.01	99.74
151.0-152.0	0.6	0.0	397.7	0.01	99.75
152.0-153.0	1.1	0.1	397.8	0.01	99.76
153.0-154.0	1.3	0.1	397.9	0.02	99.78
154.0-155.0	1.2	0.1	397.9	0.01	99.79
155.0-156.0	1.3	0.1	398.0	0.01	99.80
156.0-157.0	1.1	0.0	398.0	0.01	99.82
157.0-158.0	1.0	0.0	398.1	0.01	99.83
158.0-159.0	1.4	0.1	398.1	0.01	99.84
159.0-160.0	1.4	0.1	398.2	0.01	99.85
160.0-161.0	1.4	0.1	398.2	0.01	99.87
161.0-162.0	1.2	0.0	398.3	0.01	99.88
162.0-163.0	1.3	0.0	398.3	0.01	99.89
163.0-164.0	1.7	0.1	398.4	0.01	99.90
164.0-165.0	1.4	0.0	398.4	0.01	99.91
165.0-166.0	1.7	0.0	398.5	0.01	99.92
166.0-167.0	1.2	0.0	398.5	0.01	99.93
167.0-168.0	1.2	0.0	398.5	0.01	99.94
168.0-169.0	1.9	0.0	398.6	0.01	99.95
169.0-170.0	2.2	0.0	398.6	0.01	99.96
170.0-171.0	1.7	0.0	398.6	0.01	99.97
171.0-172.0	1.1	0.0	398.6	0.00	99.97
172.0-173.0	1.7	0.0	398.7	0.01	99.98
173.0-174.0	2.4	0.0	398.7	0.01	99.99
174.0-175.0	1.9	0.0	398.7	0.01	99.99
175.0-176.0	0.9	0.0	398.7	0.00	99.99
176.0-177.0	1.2	0.0	398.7	0.00	100.00
177.0-178.0	2.0	0.0	398.7	0.00	100.00
178.0-179.0	2.3	0.0	398.8	0.00	100.00
179.0-180.0	2.6	0.0	398.8	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	474.5	472.1	477.7	484.3	474.5	472.1	477.7	484.3	474.5	
G1.0	468.6	473.0	481.2	487.8	488.5	474.6	472.4	475.1	468.6	
G2.0	458.6	468.4	484.0	497.6	492.7	476.7	468.2	460.1	458.6	
G3.0	444.2	462.4	484.4	498.0	500.0	477.3	461.3	449.4	444.2	
G4.0	433.4	450.8	483.9	501.9	506.8	481.2	454.3	439.1	433.4	
G5.0	423.2	446.8	481.4	505.4	515.8	476.3	446.8	429.4	423.2	
G6.0	412.6	437.9	478.4	508.7	518.8	477.8	436.1	419.4	412.6	
G7.0	405.8	428.5	473.7	514.6	520.3	471.4	427.5	413.8	405.8	
G8.0	392.0	415.3	466.2	515.7	515.8	467.0	422.2	401.1	392.0	
G9.0	380.9	406.0	459.4	515.2	515.1	460.8	414.0	390.9	380.9	
G10.0	373.8	400.9	452.3	512.6	517.2	457.0	401.7	379.6	373.8	
G11.0	359.3	388.9	444.8	508.0	513.5	448.9	396.3	367.8	359.3	
G12.0	348.0	380.1	439.8	499.7	505.1	439.8	386.5	355.8	348.0	
G13.0	339.6	372.7	431.3	493.2	499.4	428.2	372.4	345.0	339.6	
G14.0	328.5	359.6	420.2	482.1	491.2	419.3	365.1	334.9	328.5	
G15.0	317.0	349.2	413.3	472.6	481.8	406.8	353.6	324.1	317.0	
G16.0	303.4	339.9	399.4	460.0	471.1	394.8	337.5	312.1	303.4	
G17.0	294.8	328.1	387.6	447.0	461.5	383.4	325.4	299.8	294.8	
G18.0	281.5	317.9	374.6	432.9	445.2	369.8	318.0	288.1	281.5	
G19.0	271.8	306.2	362.6	418.1	433.6	356.8	306.0	274.9	271.8	
G20.0	259.9	295.1	352.6	402.3	416.3	343.0	294.1	264.8	259.9	
G21.0	249.1	284.6	339.5	386.0	402.8	329.4	282.6	254.0	249.1	
G22.0	238.4	272.6	322.2	370.8	386.4	316.2	266.2	240.8	238.4	
G23.0	227.8	261.8	311.8	352.6	368.8	301.3	254.6	230.7	227.8	
G24.0	217.0	249.1	297.9	337.7	352.4	288.1	243.0	220.8	217.0	
G25.0	206.2	237.4	281.1	319.1	335.7	273.8	231.4	214.9	206.2	
G26.0	196.2	226.9	266.6	303.6	318.2	259.4	222.9	204.6	196.2	
G27.0	185.5	213.5	252.4	283.1	299.7	244.6	206.5	190.1	185.5	
G28.0	172.3	203.0	237.6	263.4	282.4	226.1	196.4	182.8	172.3	
G29.0	159.8	187.9	225.3	244.6	264.0	210.3	179.7	171.1	159.8	
G30.0	150.1	177.2	209.4	225.9	245.9	197.4	169.1	159.1	150.1	
G31.0	138.4	164.3	193.3	210.4	225.8	178.9	152.6	142.6	138.4	
G32.0	123.7	147.9	176.8	193.2	206.9	166.5	140.0	135.1	123.7	
G33.0	112.1	134.6	157.9	173.0	188.5	151.6	126.9	119.3	112.1	
G34.0	104.4	125.4	146.2	159.6	174.2	137.7	115.3	112.4	104.4	
G35.0	94.2	109.4	132.1	144.1	155.2	124.0	105.3	97.9	94.2	
G36.0	84.4	101.9	118.5	125.7	139.7	107.8	94.4	91.5	84.4	

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	75.8	91.7	103.4	112.5	127.9	100.2	83.9	78.5	75.8	
G38.0	63.4	82.1	91.9	103.7	115.1	85.2	74.2	72.6	63.4	
G39.0	56.2	73.8	81.7	92.9	103.2	80.3	65.7	61.7	56.2	
G40.0	53.8	65.3	74.9	79.4	92.4	67.3	58.6	54.9	53.8	
G41.0	47.8	58.1	64.1	70.7	78.8	59.7	52.1	48.9	47.8	
G42.0	38.1	51.7	56.3	62.7	70.2	53.0	46.4	45.0	38.1	
G43.0	37.5	45.8	51.8	59.3	66.4	51.3	40.2	39.9	37.5	
G44.0	29.5	36.5	43.8	52.7	59.6	46.0	37.0	35.3	29.5	
G45.0	26.2	32.3	40.4	47.3	49.1	37.1	33.2	30.7	26.2	
G46.0	26.7	32.7	34.5	42.3	43.7	33.0	29.9	27.5	26.7	
G47.0	20.9	25.2	31.1	38.1	43.3	29.3	24.5	24.5	20.9	
G48.0	21.7	26.4	28.9	31.5	39.3	26.3	21.9	21.8	21.7	
G49.0	19.7	23.9	25.8	28.4	35.5	23.7	22.3	19.4	19.7	
G50.0	15.5	21.6	23.0	25.5	28.1	21.4	20.4	17.4	15.5	
G51.0	14.0	19.6	20.7	23.0	25.2	22.4	15.5	15.4	14.0	
G52.0	12.8	17.8	18.5	23.0	22.9	17.4	17.3	15.9	12.8	
G53.0	12.6	12.7	17.1	20.5	24.3	18.9	12.4	12.0	12.6	
G54.0	11.2	14.9	15.8	18.6	18.6	14.1	14.9	10.8	11.2	
G55.0	10.0	10.3	14.6	16.9	20.2	13.0	9.8	9.6	10.0	
G56.0	8.9	12.5	11.6	14.1	18.3	11.8	12.8	8.4	8.9	
G57.0	8.7	8.4	10.4	13.6	13.8	13.2	7.6	7.5	8.7	
G58.0	6.9	10.5	11.6	12.0	15.2	12.1	10.9	10.3	6.9	
G59.0	7.7	6.8	8.0	11.0	11.5	11.1	5.9	5.8	7.7	
G60.0	5.2	8.9	7.2	10.4	12.6	8.1	9.4	5.1	5.2	
G61.0	6.9	5.6	9.4	9.7	11.4	7.3	4.4	8.5	6.9	
G62.0	6.6	7.5	5.2	7.5	10.4	8.4	3.8	8.0	6.6	
G63.0	6.3	4.5	8.2	6.5	9.3	6.1	3.2	7.4	6.3	
G64.0	6.0	4.1	3.7	8.0	8.3	5.5	2.5	2.6	6.0	
G65.0	2.0	3.6	7.0	4.8	7.0	5.0	6.1	2.0	2.0	
G66.0	5.4	3.0	6.6	4.0	6.6	4.5	5.5	5.8	5.4	
G67.0	1.0	4.7	1.9	3.3	6.1	5.0	1.1	1.1	1.0	
G68.0	0.6	4.3	1.4	6.2	5.5	4.4	1.0	0.7	0.6	
G69.0	4.6	1.9	0.9	5.8	5.3	3.8	0.6	0.4	4.6	
G70.0	4.2	1.8	0.6	5.4	4.9	3.3	0.4	0.0	4.2	
G71.0	0.0	2.9	0.2	5.0	2.8	2.2	0.1	3.8	0.0	
G72.0	3.5	0.9	0.0	0.3	4.3	2.3	0.0	3.4	3.5	
G73.0	0.0	0.9	0.0	0.0	1.8	1.7	1.9	2.8	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 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	0.0	0.6	0.0	3.8	3.8	1.5	0.0	0.0	0.0
G75.0	0.0	0.4	2.4	0.0	0.8	1.0	0.8	0.0	0.0
G76.0	2.1	0.1	1.9	3.1	0.3	0.9	0.0	0.0	2.1
G77.0	0.0	0.8	1.3	2.7	3.1	0.6	0.0	1.7	0.0
G78.0	1.2	0.5	0.0	2.3	0.0	0.3	0.0	0.0	1.2
G79.0	1.0	0.0	0.3	0.0	2.7	0.2	0.0	0.0	1.0
G80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G81.0	0.0	0.0	0.0	1.3	2.3	0.0	0.0	0.7	0.0
G82.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.6	0.0
G83.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.5	0.0
G84.0	0.0	0.0	0.0	0.2	1.6	0.0	0.0	0.0	0.0
G85.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.3	0.0
G86.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0
G87.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.3	0.0
G88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
G89.0	0.0	0.0	0.0	0.0	0.8	0.0	0.2	0.0	0.0
G90.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.5	0.0
G91.0	0.0	0.0	0.4	0.0	0.6	0.0	0.0	0.3	0.0
G92.0	0.0	0.0	0.0	0.0	0.6	0.1	0.0	0.0	0.0
G93.0	0.0	0.0	0.7	0.0	0.0	0.0	0.7	0.0	0.0
G94.0	0.4	0.0	0.7	0.0	0.0	0.3	0.0	0.4	0.4
G95.0	0.0	0.0	0.8	0.0	0.0	0.3	0.0	0.4	0.0
G96.0	0.0	0.0	0.8	0.0	0.2	0.0	0.8	0.0	0.0
G97.0	0.7	0.0	0.0	0.0	0.0	0.5	0.8	0.0	0.7
G98.0	0.8	0.0	0.0	0.2	0.0	0.5	0.0	0.5	0.8
G99.0	0.9	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.9
G100.0	0.9	0.0	0.0	0.5	0.0	0.0	0.8	0.0	0.9
G101.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.9
G102.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
G103.0	0.9	0.0	0.0	0.7	0.0	0.8	0.5	0.0	0.9
G104.0	0.0	0.0	0.4	0.8	0.0	0.0	0.5	0.6	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.0
G106.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.7	0.0
G107.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.7	0.0
G108.0	0.5	0.0	0.0	0.0	0.0	0.9	0.0	0.8	0.5
G109.0	0.4	0.0	0.0	0.0	0.0	0.9	0.0	0.8	0.4
G110.0	0.3	0.0	0.0	0.8	0.0	0.8	0.0	0.0	0.3

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	0.2	0.0	0.0	0.8	0.0	0.0	0.0	0.8	0.2
G112.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	0.3	0.6	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0
G121.0	0.0	0.0	0.0	0.0	0.7	0.0	0.3	1.0	0.0
G122.0	0.0	0.3	0.0	0.0	0.0	0.0	0.5	1.1	0.0
G123.0	0.0	0.2	0.5	0.0	0.0	0.2	0.0	1.0	0.0
G124.0	0.0	0.0	0.7	0.0	0.9	0.3	0.0	1.0	0.0
G125.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0
G126.0	0.0	0.0	1.0	0.0	0.0	0.0	1.1	0.9	0.0
G127.0	0.0	0.0	1.1	0.0	0.0	0.2	1.2	0.9	0.0
G128.0	0.0	0.9	1.2	0.0	0.0	0.0	0.0	0.0	0.0
G129.0	1.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
G130.0	0.0	0.0	1.1	0.0	1.3	0.1	0.0	0.0	0.0
G131.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0
G132.0	1.6	0.0	1.4	0.8	0.0	0.0	1.4	0.6	1.6
G133.0	0.0	1.4	1.2	0.0	0.0	0.0	0.0	0.5	0.0
G134.0	1.8	1.6	0.0	1.1	1.3	0.0	0.0	0.0	1.8
G135.0	0.0	1.6	1.4	1.3	1.2	0.0	1.3	0.0	0.0
G136.0	0.0	1.7	1.4	1.4	0.0	0.0	0.0	0.3	0.0
G137.0	2.0	1.6	0.0	1.5	1.3	0.0	0.0	0.0	2.0
G138.0	1.9	0.0	0.0	1.6	1.3	0.0	1.1	0.0	1.9
G139.0	2.2	1.9	1.3	1.7	1.2	0.0	0.0	0.0	2.2
G140.0	0.0	0.0	0.0	1.8	0.0	0.0	0.9	0.0	0.0
G141.0	0.0	0.0	1.2	0.0	1.2	0.0	0.0	0.1	0.0
G142.0	0.0	2.1	1.2	1.9	1.0	0.3	0.7	0.3	0.0
G143.0	2.3	2.2	0.0	1.9	0.0	0.0	0.7	0.0	2.3
G144.0	2.1	0.0	0.0	0.0	0.0	0.0	0.6	0.0	2.1
G145.0	0.0	0.0	0.0	0.0	0.0	0.9	0.4	0.0	0.0
G146.0	2.3	2.3	1.0	1.8	0.7	0.9	0.3	1.2	2.3
G147.0	0.0	2.3	0.8	0.0	0.0	1.3	0.3	0.0	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	2.4	2.4	0.9	1.6	0.0	1.4	0.2	1.6	2.4	
G149.0	0.0	2.4	0.0	1.5	0.0	0.0	0.1	0.0	0.0	
G150.0	0.0	2.4	0.7	0.0	0.3	0.0	0.1	0.0	0.0	
G151.0	2.3	0.0	0.2	0.0	0.4	0.0	0.0	0.0	2.3	
G152.0	2.3	0.0	0.4	1.2	0.6	0.0	0.0	2.3	2.3	
G153.0	0.4	2.5	1.0	0.1	0.9	2.3	1.5	2.5	0.4	
G154.0	0.6	2.5	0.7	0.3	1.1	0.0	1.9	2.6	0.6	
G155.0	0.8	0.0	0.9	0.9	1.4	2.5	0.0	2.8	0.8	
G156.0	2.2	0.0	1.0	0.7	0.0	2.7	2.1	3.0	2.2	
G157.0	1.1	0.0	1.0	0.6	0.0	2.8	0.0	0.0	1.1	
G158.0	2.1	0.1	1.2	1.5	0.0	3.0	2.5	0.0	2.1	
G159.0	1.5	2.6	1.4	1.8	2.2	0.0	2.6	0.0	1.5	
G160.0	1.7	2.4	1.1	2.0	0.0	0.0	0.0	3.3	1.7	
G161.0	1.7	0.4	1.2	0.2	2.4	0.0	2.9	3.5	1.7	
G162.0	1.7	0.5	1.2	0.0	0.0	0.0	3.0	0.0	1.7	
G163.0	1.6	2.7	1.8	2.8	2.9	0.0	3.1	0.0	1.6	
G164.0	1.4	2.7	1.9	3.0	2.9	0.0	0.0	0.0	1.4	
G165.0	1.5	0.8	1.3	0.0	0.0	0.0	3.4	3.8	1.5	
G166.0	2.7	0.9	2.1	0.0	3.3	0.0	3.4	3.9	2.7	
G167.0	1.4	0.9	1.2	0.0	0.0	0.0	0.0	0.0	1.4	
G168.0	1.2	1.0	1.5	3.7	3.6	0.0	0.0	4.0	1.2	
G169.0	3.2	2.9	2.3	3.8	3.7	0.0	0.0	0.0	3.2	
G170.0	3.3	2.9	2.2	3.8	3.7	0.0	0.1	4.0	3.3	
G171.0	0.9	1.2	1.6	0.0	0.0	0.0	3.8	0.0	0.9	
G172.0	3.6	1.2	1.7	0.0	0.0	0.0	3.9	0.0	3.6	
G173.0	3.6	3.0	1.8	0.0	4.1	0.0	0.2	3.9	3.6	
G174.0	3.8	3.0	2.5	4.2	4.0	3.9	0.3	0.4	3.8	
G175.0	0.7	1.3	1.9	0.0	0.0	0.2	4.0	0.6	0.7	
G176.0	0.6	1.2	1.8	0.0	0.0	0.3	0.4	0.8	0.6	
G177.0	3.9	1.2	2.1	0.0	0.0	3.7	0.4	3.3	3.9	
G178.0	4.2	1.1	2.3	0.5	4.4	3.5	0.5	1.4	4.2	
G179.0	4.4	0.6	1.5	1.3	4.4	0.9	4.0	2.7	4.4	
G180.0	4.3	4.3	0.2	3.5	0.0	2.9	3.5	3.2	4.3	

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: