

Report No.:

Test Time: 2022-06-29 16:58

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: VMC34224BL

Current: 0.398 A

Power Factor: 0.985

Voltage: 119.9 V

Power: 46.94 W

## Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 3407.8 lm

Downward Ratio: 67%

Horizontal Diffuse Angle(50%): H35.6

Vertical Diffuse Angle(50%): V35.9

Luminaire Efficacy Rating (LER): 72.65

Max. Intensity: 5452.75 cd

S/MH(C0/C180): 0.59

Total Rated Lamp Lumens: 3407.8 lm

Efficiency: 100%

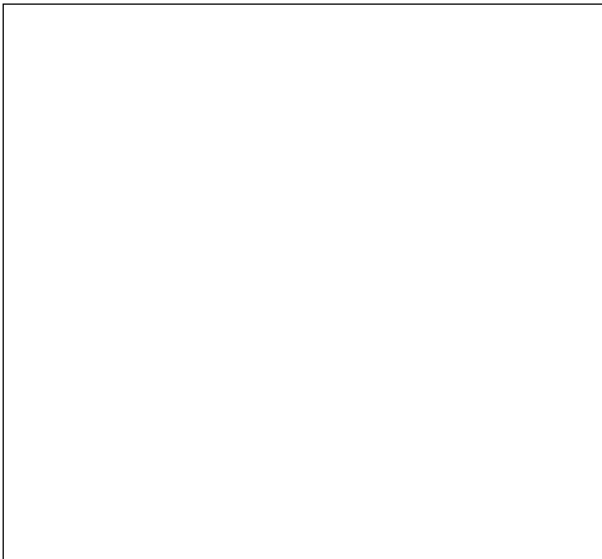
Upward Ratio: 33%

Central Intensity: 5452.74 cd

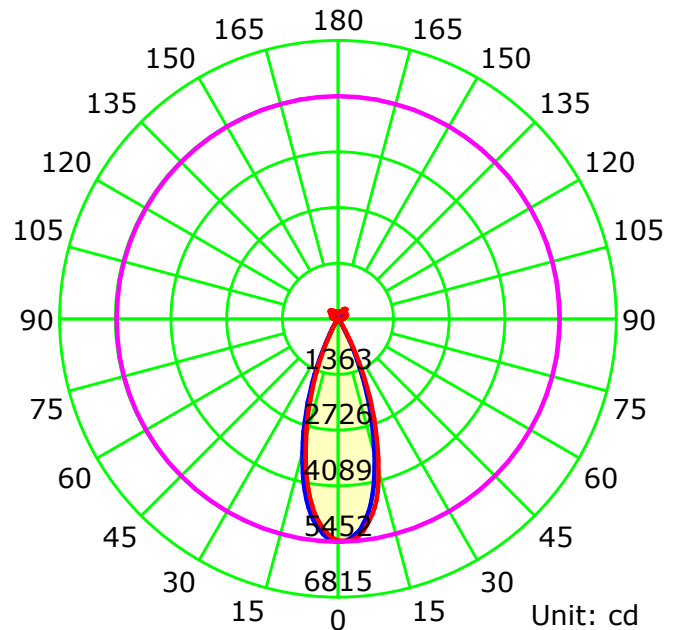
Pos of Max. Intensity: H0 V0

S/MH(C90/C270): 0.59

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 35.7°

— C0-C180 — C90-C270 — G0

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

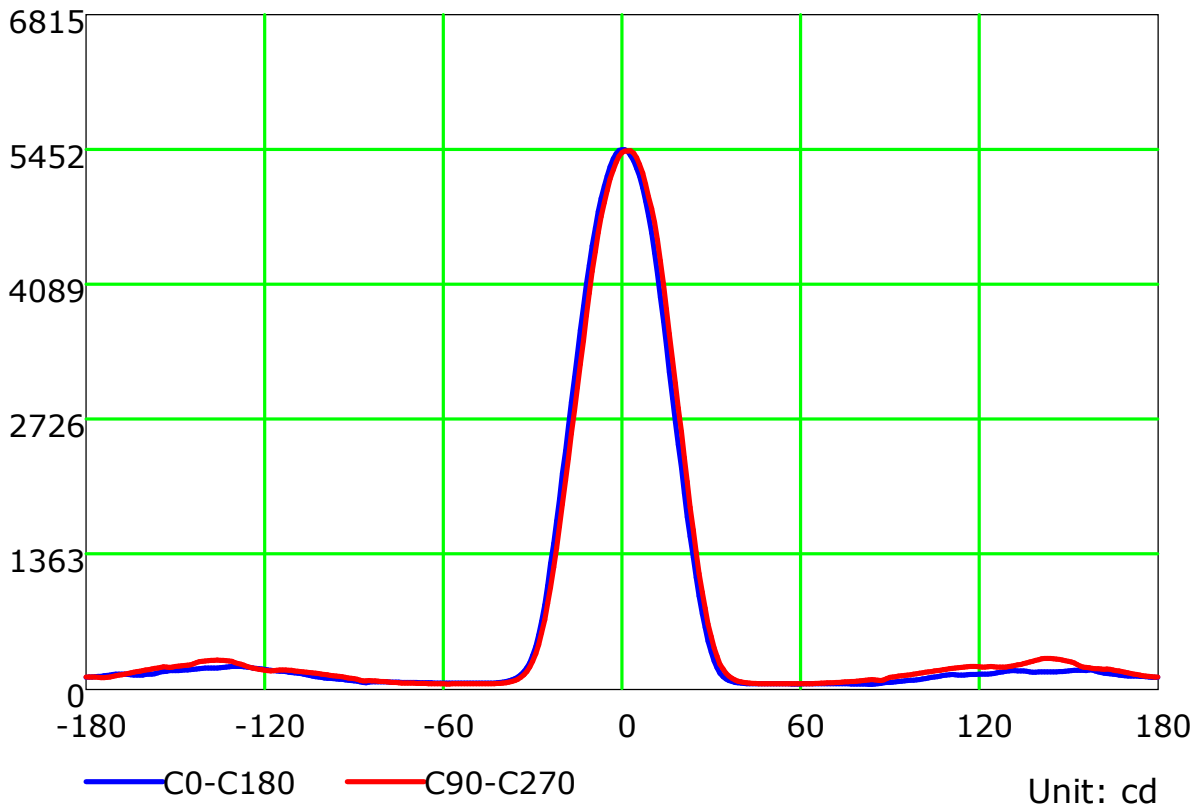
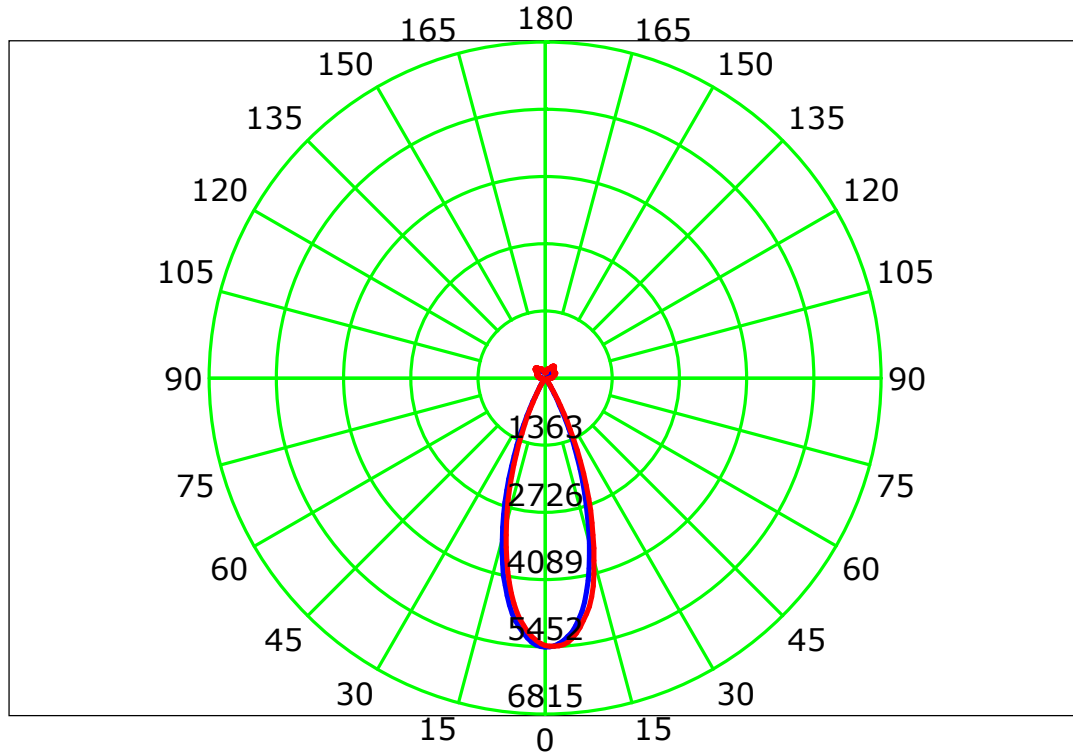
Test Device: GPM-1600

Distance: 6.500 m

Humidity:

Inspector:

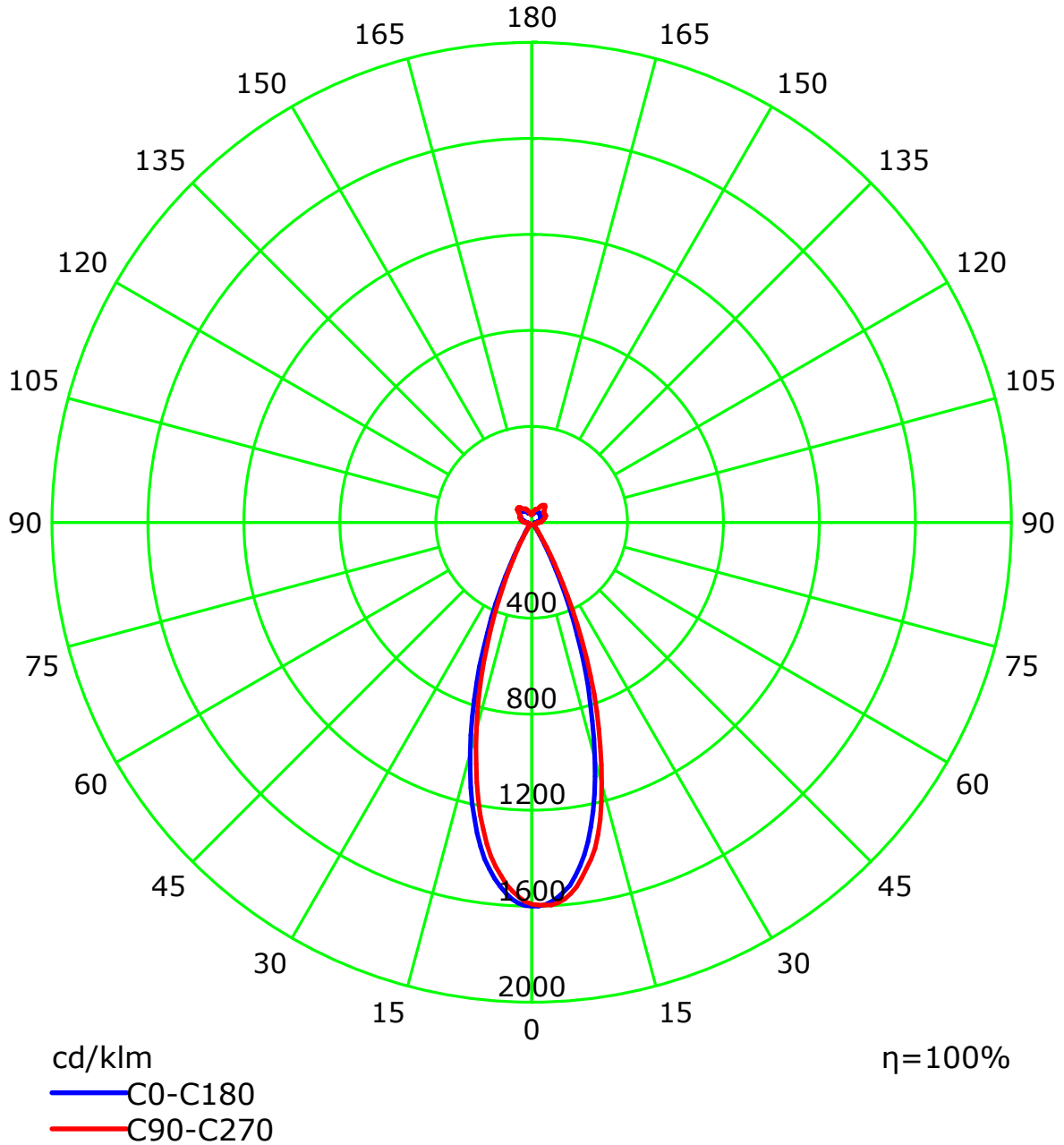
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

## Luminous Intensity Distribution Curve(cd/klm)



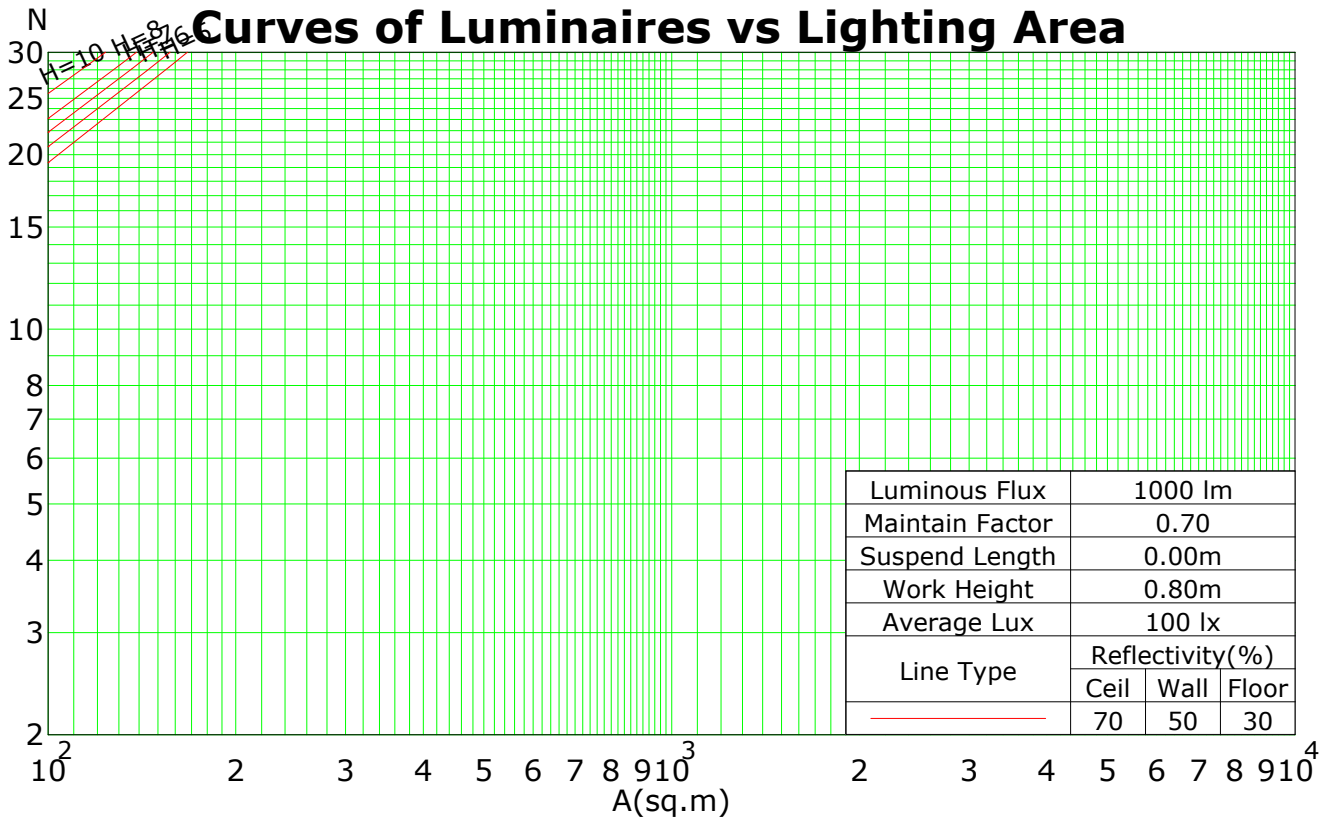
C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 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	111	111	111	111	105	105	105	105	93	93	93	82	82	82	72	72	72	67
1	104	100	97	94	98	95	92	90	85	83	81	76	74	73	67	66	65	61
2	98	92	87	83	92	87	83	80	79	76	73	71	69	67	64	62	61	57
3	92	85	80	75	87	81	76	72	74	70	67	67	64	62	61	59	57	54
4	87	79	73	69	83	76	71	67	70	66	62	64	61	58	58	56	54	52
5	83	74	68	64	79	71	66	62	66	62	58	61	57	55	56	54	52	49
6	79	70	64	59	75	67	62	58	62	58	55	58	55	52	54	51	49	47
7	75	66	60	56	72	64	58	54	59	55	52	55	52	49	52	49	47	45
8	72	62	56	52	69	60	55	51	57	52	49	53	50	47	50	47	45	43
9	69	59	54	50	66	58	52	49	54	50	47	51	48	45	48	45	43	42
10	66	57	51	47	63	55	50	46	52	48	45	49	46	43	46	44	42	40

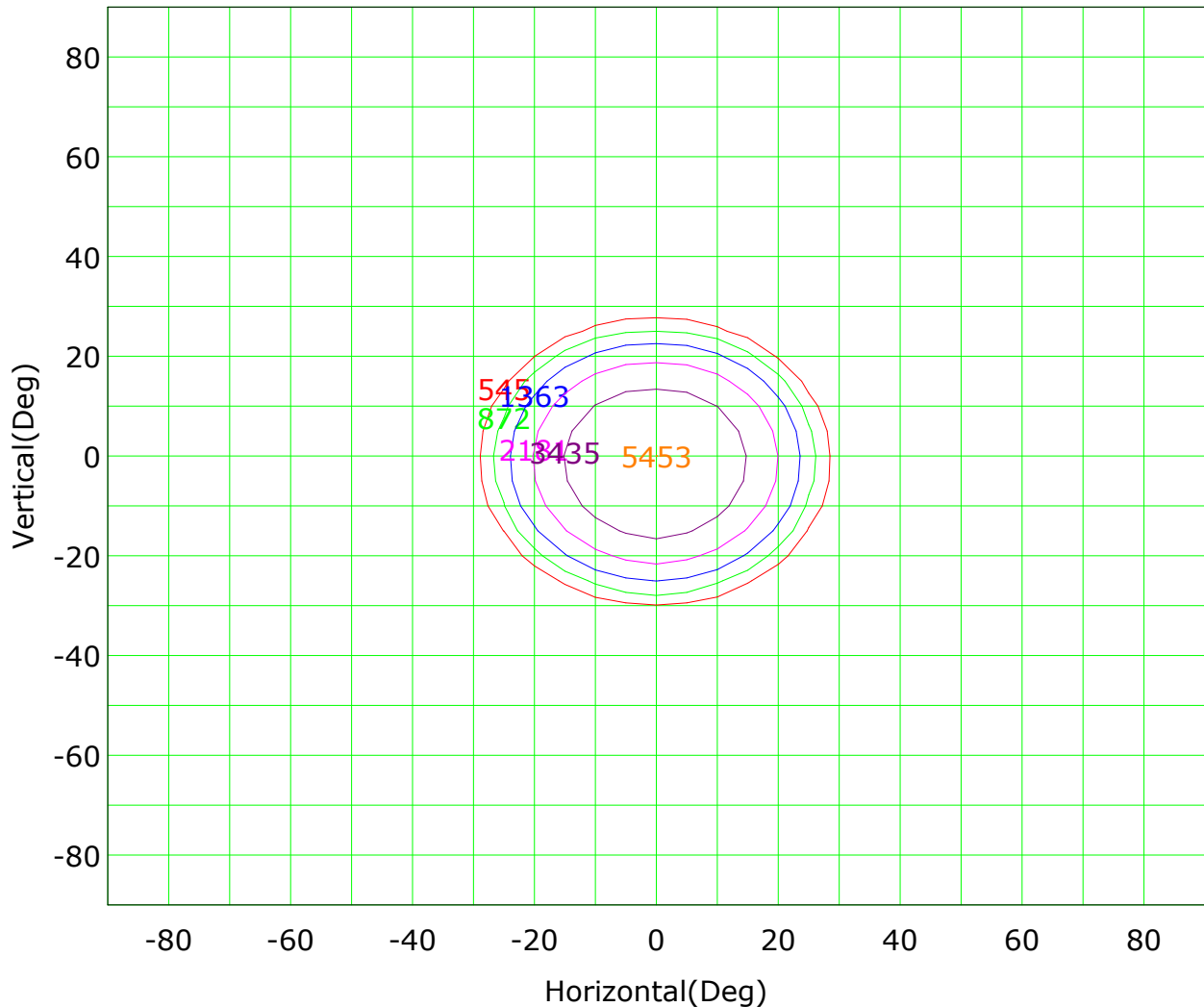
Spacing Criteria (0-180): 0.59  
 Spacing Criteria (90-270): 0.59  
 Spacing Criteria (Diagonal): 0.57



C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

## Isocandela (rectangle)



Imax (100%): 5453 cd

— ( 10%): 545 cd	— ( 16%): 872 cd
— ( 25%): 1363 cd	— ( 40%): 2181 cd
— ( 63%): 3435 cd	— (100%): 5453 cd

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

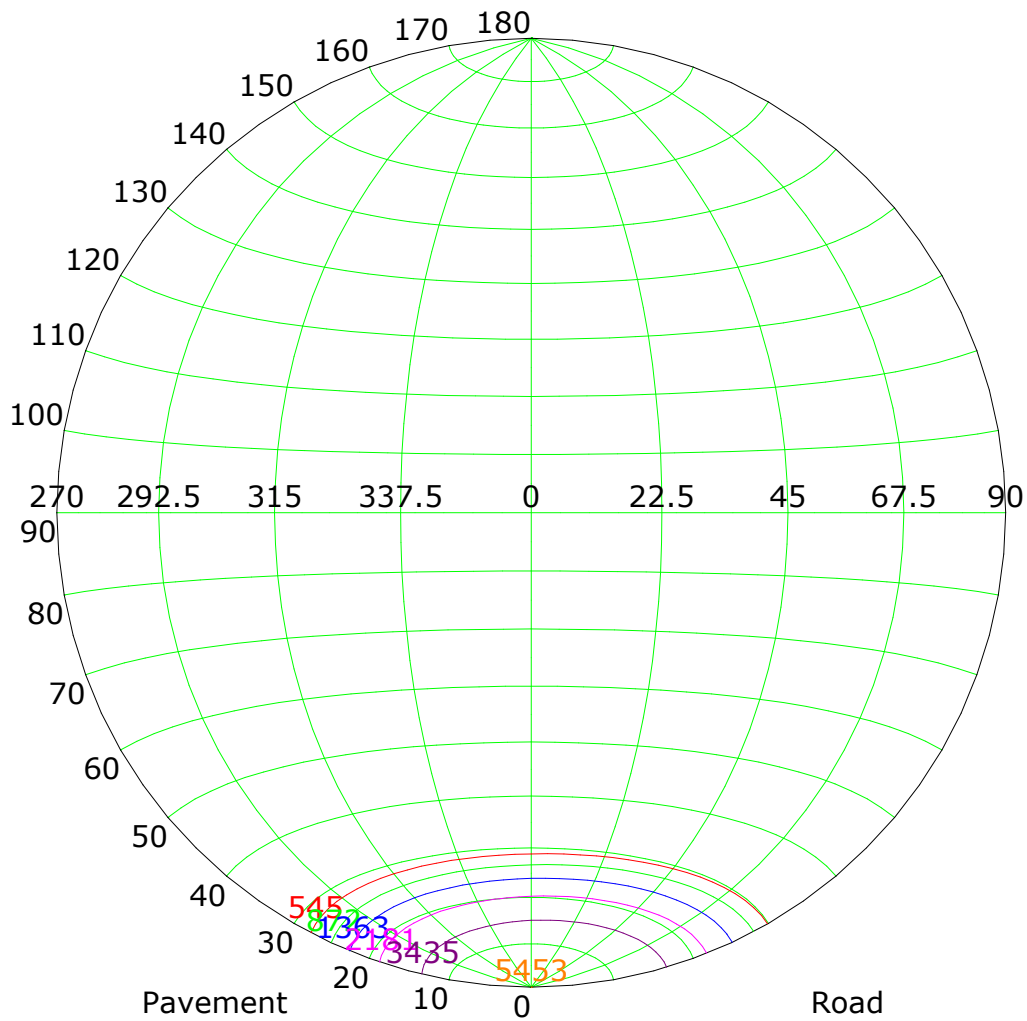
Test Device: GPM-1600

Distance: 6.500 m

Humidity:

Inspector:

## Isocandela (sphere)



Imax (100%): 5453 cd

— ( 10%): 545 cd	— ( 16%): 872 cd
— ( 25%): 1363 cd	— ( 40%): 2181 cd
— ( 63%): 3435 cd	— (100%): 5453 cd

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

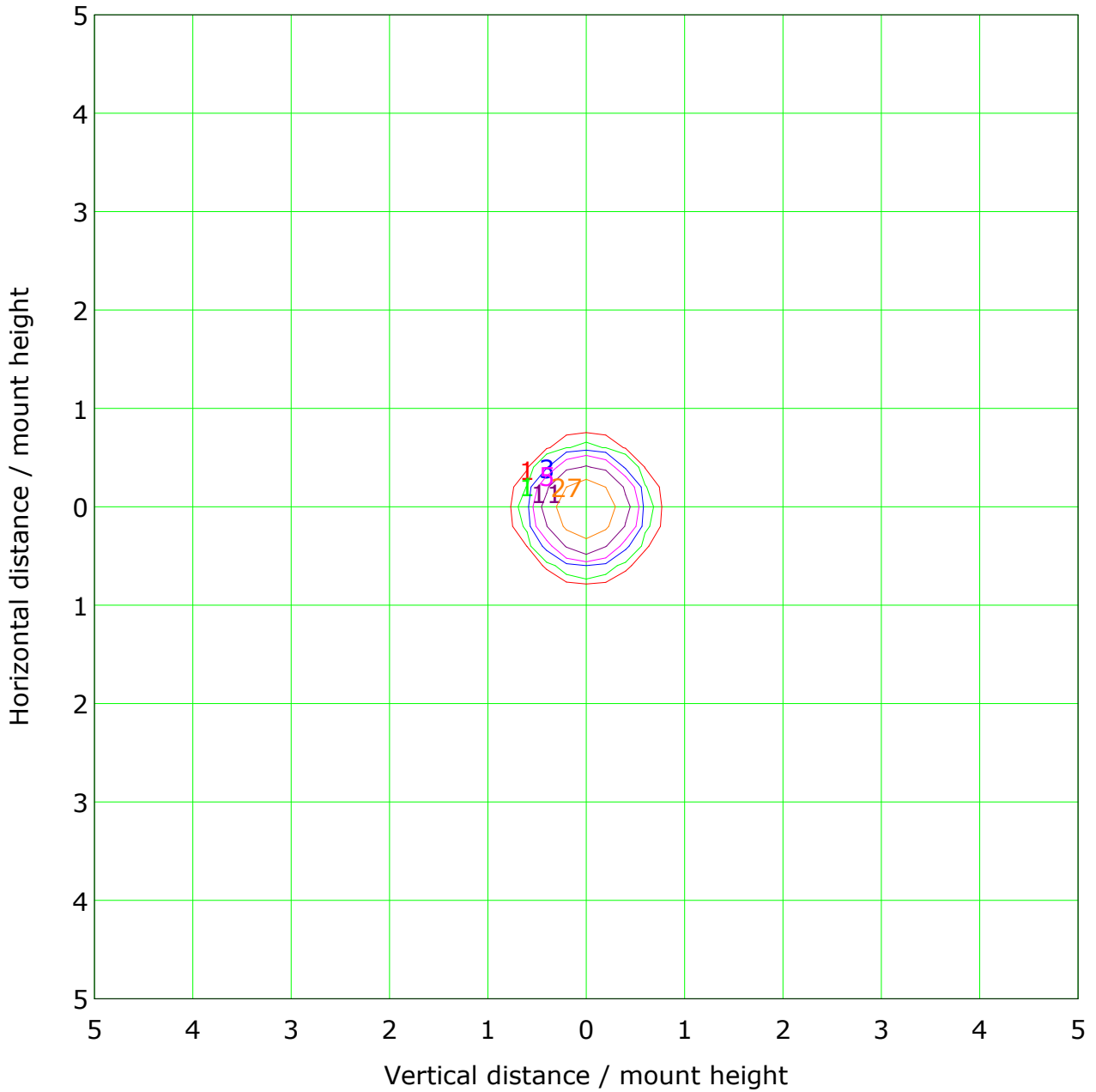
Test Device: GPM-1600

Distance: 6.500 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 54.5 lx	
<ul style="list-style-type: none"> <li><span style="color: red;">—</span> ( 1%): 0.5 lx</li> <li><span style="color: blue;">—</span> ( 5%): 2.7 lx</li> <li><span style="color: purple;">—</span> ( 20%): 10.9 lx</li> <li><span style="color: green;">—</span> (100%): 54.5 lx</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: lightgreen;">—</span> ( 2%): 1.1 lx</li> <li><span style="color: magenta;">—</span> ( 10%): 5.5 lx</li> <li><span style="color: orange;">—</span> ( 50%): 27.3 lx</li> </ul>		

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600

Distance: 6.500 m

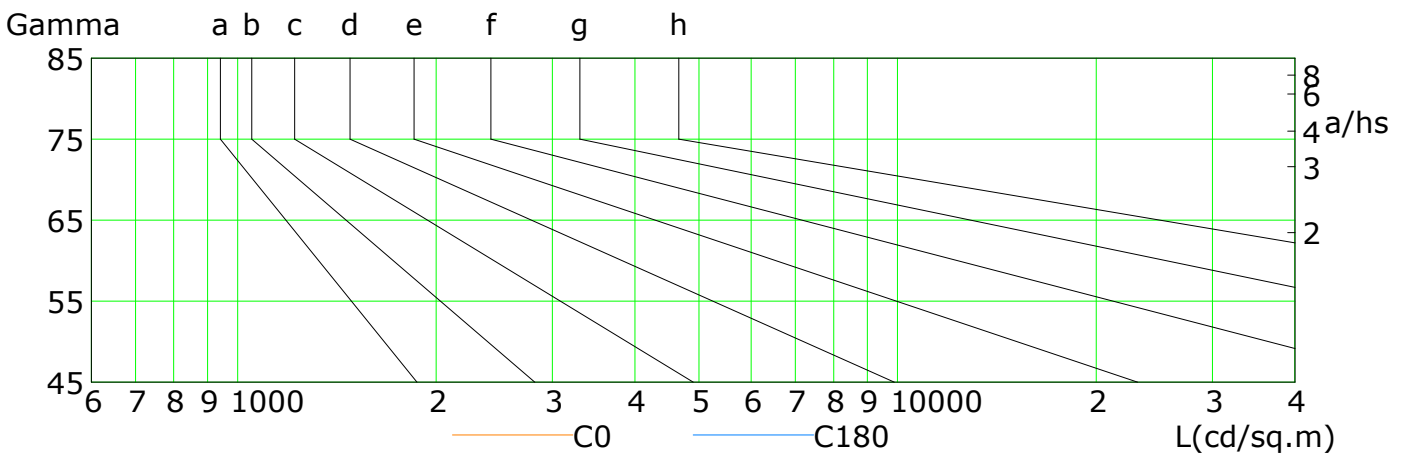
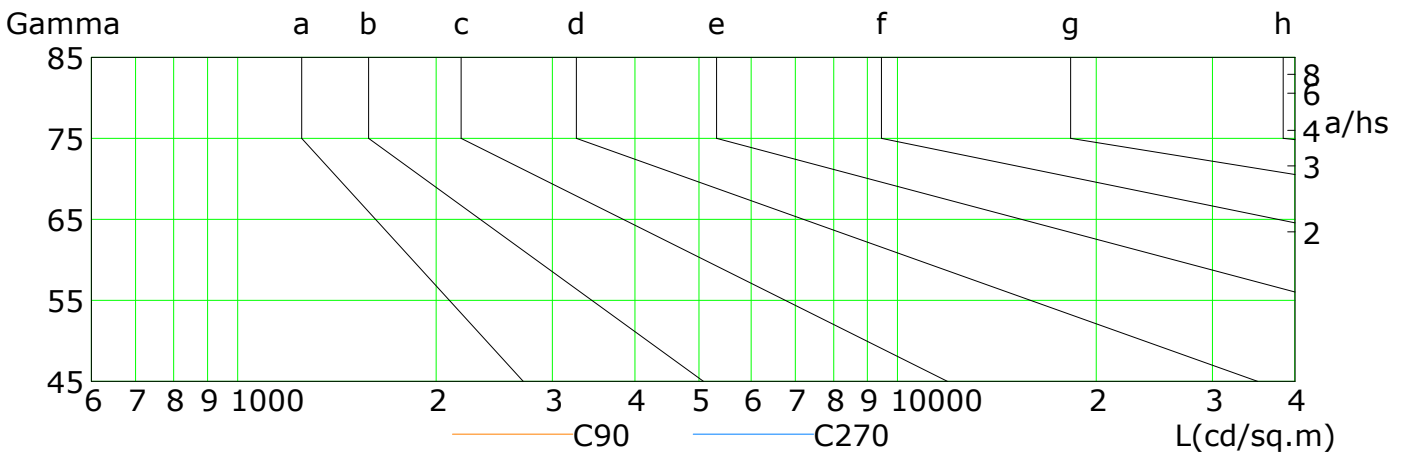
Humidity:

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	49	50	49	48	50	51	50	48	45
C90	52	50	51	51	53	60	68	80	90
C180	56	56	57	57	59	63	66	70	66
C270	50	49	49	49	52	55	60	72	81

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600

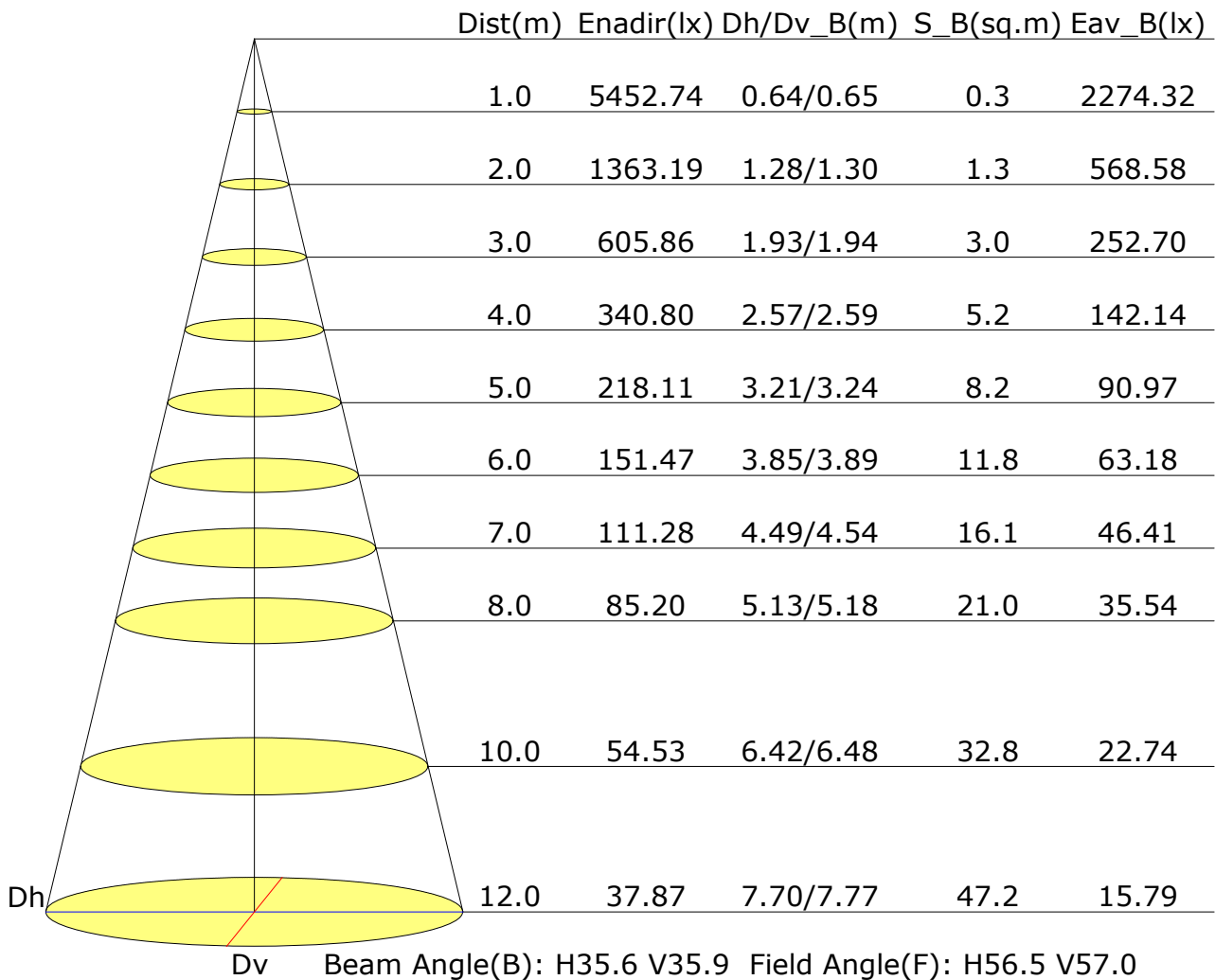
Distance: 6.500 m

Humidity:

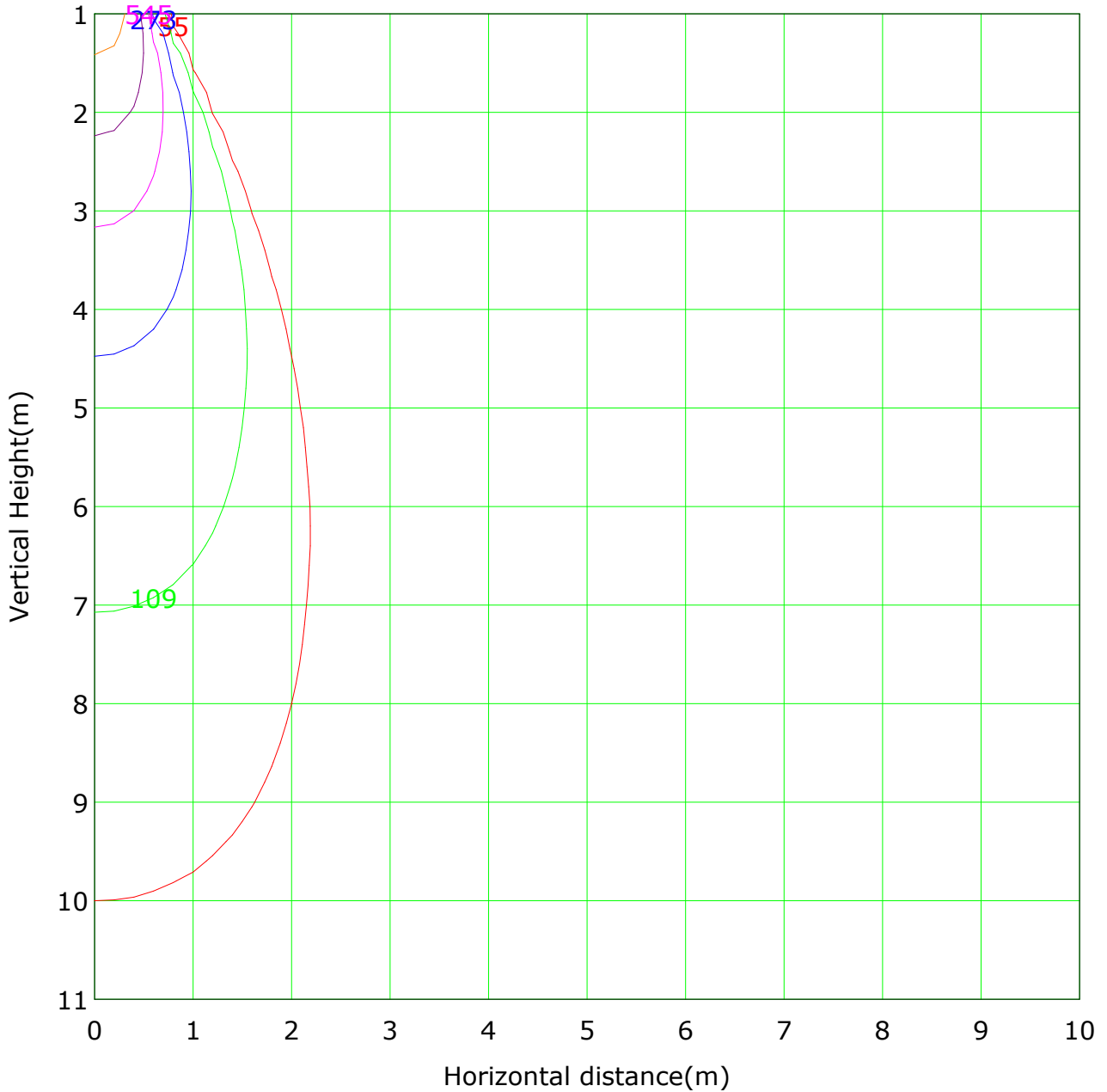
Inspector:



## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 5452.7 lx  
 — ( 1%): 54.5 lx                      — ( 2%): 109.1 lx  
 — ( 5%): 272.6 lx                      — ( 10%): 545.3 lx  
 — ( 20%):1090.5 lx                      — ( 50%):2726.4 lx  
 — (100%):5452.7 lx

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

### Area Flux Table

Unit: lm

		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
Flux(E)	Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	90	Flux(T)
		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	9.7
0.0	9.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.7	15.1
0.0	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.1	19.5
0.0	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.5	23.4
0.0	23.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.4	33.0
0.0	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.0	115.2
0.0	115.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	115.2	353.7
0.0	353.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	353.7	757.6
0.0	757.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	757.6	1580.2
0.0	1580.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1580.2	3559.2
0.0	3559.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3559.2	118.6
0.0	118.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	118.6	30.2
0.0	30.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.2	20.9
0.0	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.9	16.8
0.0	16.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8	12.5
0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	7.5
0.0	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.5	2.6
0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	2297
0.0	2297	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2297	1884
0.0	1884	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1884	

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

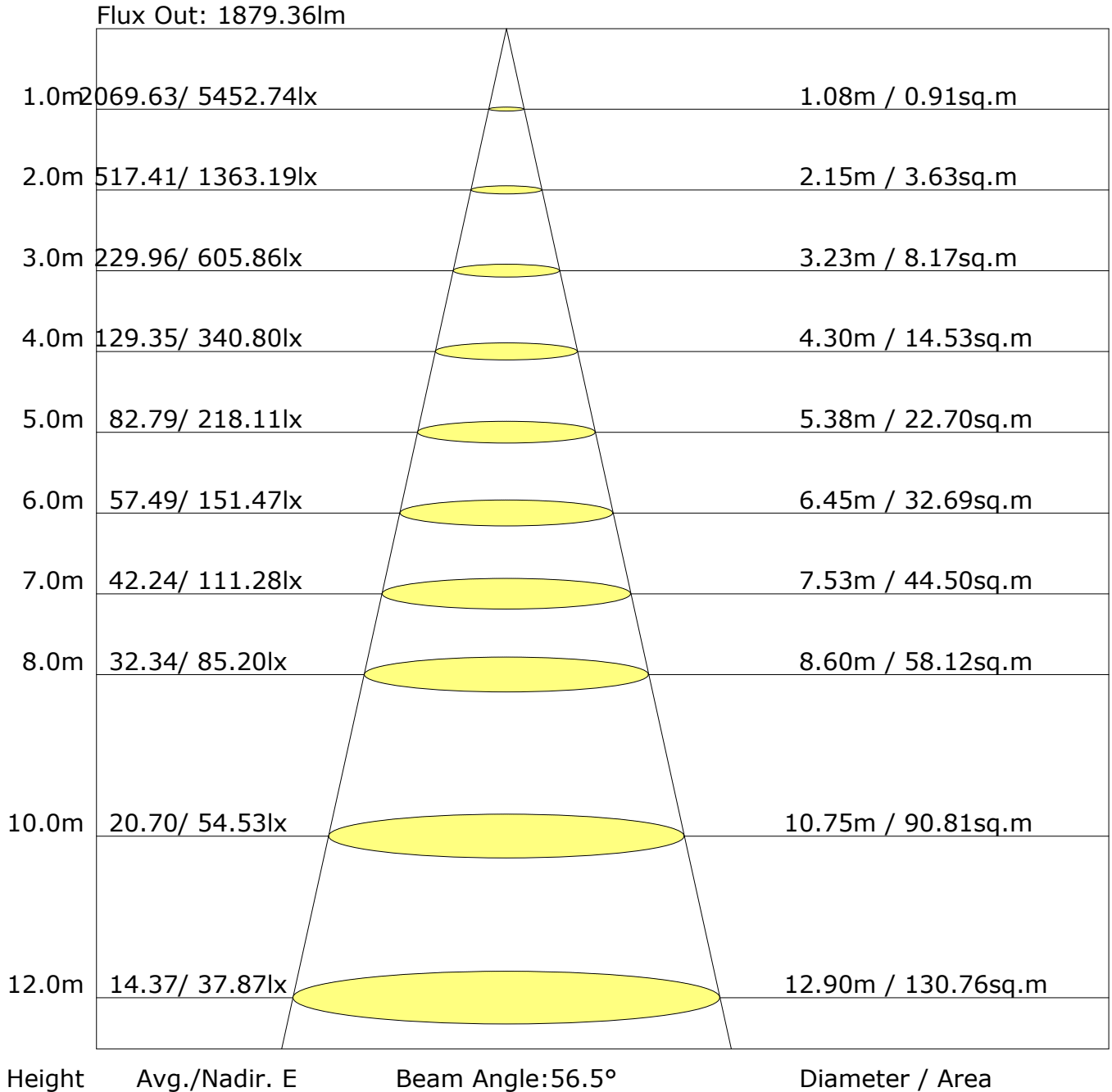
Test Device: GPM-1600

Distance: 6.500 m

Humidity:

Inspector:

## The Average Illuminance Effective Figure



## UGR Table

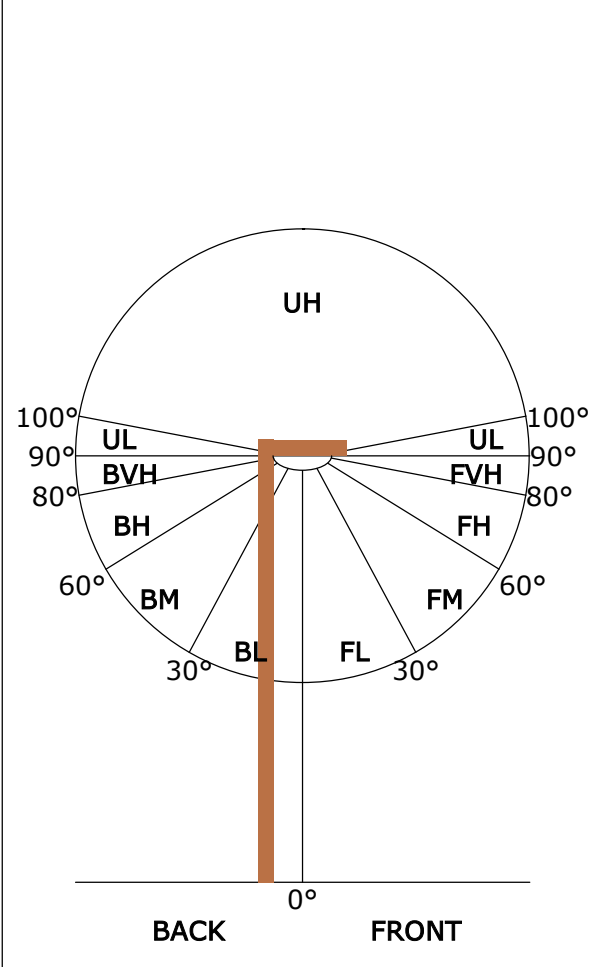
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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.\$
S=1.5H										-1.\$/-1.\$
S=2.0H										-1.\$/-1.\$

Calculate in accordance with CIE Pub.117. The table is revised with 3408lm ( $8\log(F/F_0) = 4.3$ ).

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

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

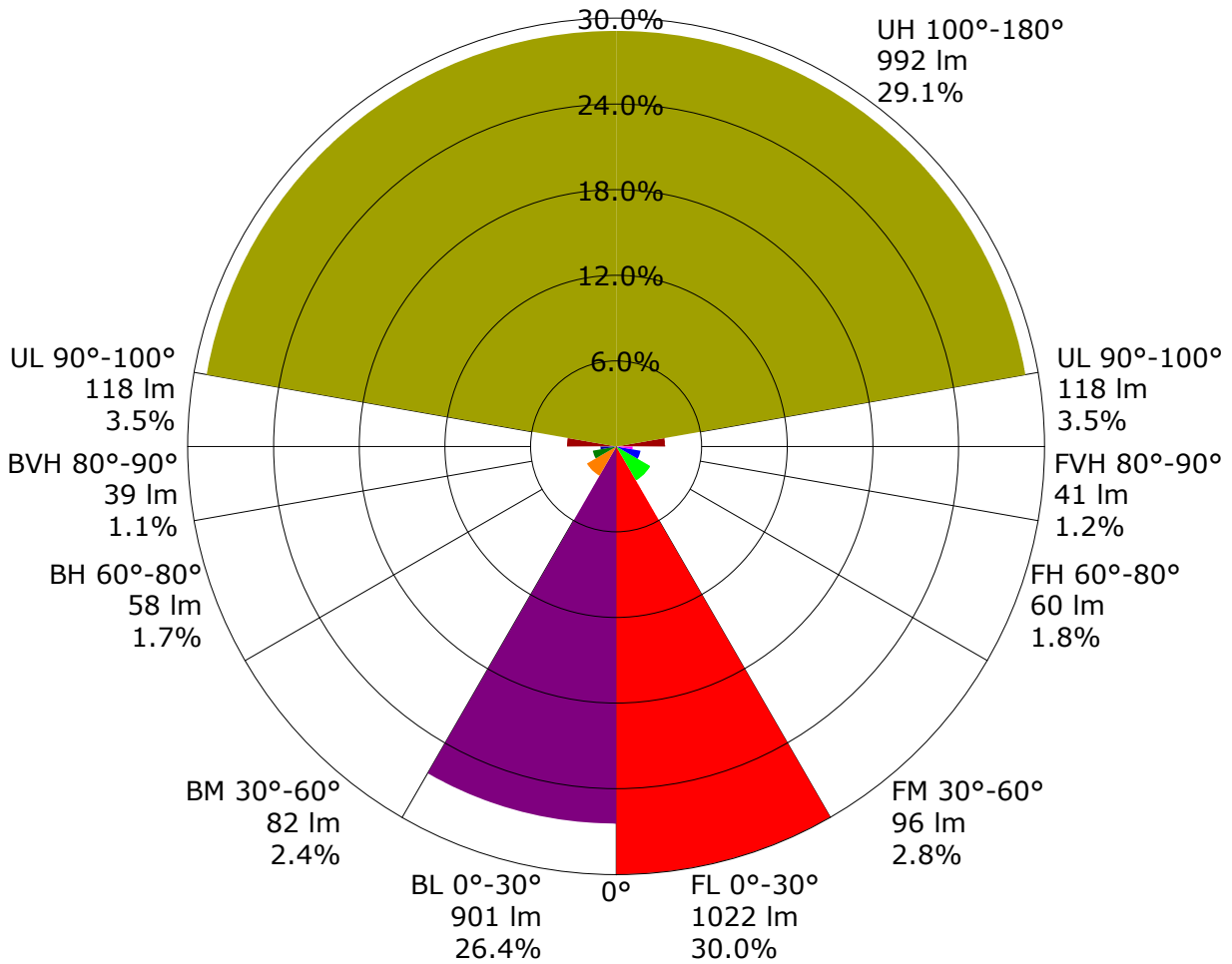
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	1219	35.8
	FL ( 0°-30°)	1022	30.0
	FM (30°-60°)	96	2.8
	FH (60°-80°)	60	1.8
	FVH (80°-90°)	41	1.2
	BACK LIGHT	1079	31.7
	BL ( 0°-30°)	901	26.4
	BM (30°-60°)	82	2.4
	BH (60°-80°)	58	1.7
	BVH (80°-90°)	39	1.1
	UP LIGHT	1109	32.6
	UL (90°-100°)	118	3.5
	UH (100°-180°)	992	29.1
	TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B2 U4 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B2 U4 G1

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

**LCS Graph**



**Forward Light**

**Back Light**

Scale= MAX LCS%

Trapped Light:NA,NA

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600

Distance: 6.500 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	0.72	0.77	0.81	0.84	0.88	0.91	0.93	0.95	0.97	
	0.30		0.67	0.72	0.76	0.79	0.84	0.87	0.89	0.92	0.95	
	0.20		0.63	0.68	0.72	0.76	0.80	0.84	0.86	0.90	0.92	
0.50	0.50	0.20	0.67	0.71	0.74	0.77	0.80	0.82	0.84	0.86	0.87	
	0.30		0.63	0.68	0.71	0.73	0.77	0.79	0.81	0.84	0.85	
	0.20		0.61	0.66	0.68	0.71	0.74	0.77	0.79	0.82	0.84	
0.30	0.50	0.20	0.63	0.66	0.69	0.70	0.73	0.74	0.75	0.77	0.78	
	0.30		0.60	0.64	0.66	0.68	0.70	0.72	0.74	0.75	0.77	
	0.20		0.58	0.62	0.64	0.66	0.69	0.71	0.72	0.74	0.75	
0.00	0.00	0.00	0.54	0.56	0.57	0.58	0.60	0.61	0.62	0.63	0.64	
<p>Rating:47W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												



## 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	0.61	0.51	0.44	0.39	0.32	0.27	0.23	0.19	0.15	
	0.30		0.51	0.44	0.39	0.35	0.29	0.25	0.22	0.17	0.15	
	0.20		0.43	0.38	0.34	0.31	0.26	0.23	0.20	0.16	0.14	
0.50	0.50	0.20	0.51	0.43	0.37	0.33	0.27	0.25	0.19	0.15	0.13	
	0.30		0.43	0.37	0.33	0.29	0.24	0.21	0.18	0.15	0.12	
	0.20		0.37	0.33	0.29	0.26	0.22	0.19	0.17	0.14	0.12	
0.30	0.50	0.20	0.42	0.35	0.30	0.27	0.22	0.18	0.16	0.13	0.11	
	0.30		0.36	0.31	0.27	0.24	0.20	0.17	0.15	0.12	0.10	
	0.20		0.32	0.28	0.25	0.22	0.19	0.16	0.14	0.12	0.10	
0.00	0.00	0.00	0.15	0.13	0.11	0.10	0.08	0.07	0.07	0.05	0.05	
<p>Rating:47W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

## 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	0.45	0.46	0.47	0.48	0.49	0.50	0.51	0.51	0.52	
	0.30		0.41	0.42	0.44	0.45	0.46	0.47	0.48	0.49	0.50	
	0.20		0.38	0.39	0.41	0.42	0.44	0.45	0.46	0.47	0.48	
0.50	0.50	0.20	0.43	0.45	0.46	0.46	0.47	0.48	0.49	0.49	0.50	
	0.30		0.40	0.41	0.43	0.44	0.45	0.46	0.47	0.48	0.48	
	0.20		0.37	0.39	0.40	0.41	0.43	0.44	0.45	0.46	0.47	
0.30	0.50	0.20	0.42	0.43	0.44	0.45	0.46	0.46	0.47	0.47	0.48	
	0.30		0.39	0.40	0.42	0.42	0.44	0.44	0.45	0.46	0.46	
	0.20		0.37	0.38	0.40	0.40	0.42	0.43	0.44	0.45	0.45	
0.00	0.00	0.00	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	
<p>Rating:47W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

## 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	5433.5	5.2	5.2	0.15	0.15
1.0-2.0	5415.9	15.5	20.7	0.46	0.61
2.0-3.0	5381.8	25.7	46.5	0.76	1.36
3.0-4.0	5328.9	35.7	82.2	1.05	2.41
4.0-5.0	5255.9	45.2	127.4	1.33	3.74
5.0-6.0	5168.2	54.3	181.7	1.59	5.33
6.0-7.0	5063.0	62.9	244.6	1.84	7.18
7.0-8.0	4936.4	70.7	315.2	2.07	9.25
8.0-9.0	4789.5	77.6	392.8	2.28	11.53
9.0-10.0	4625.9	83.7	476.6	2.46	13.99
10.0-11.0	4446.5	88.9	565.4	2.61	16.59
11.0-12.0	4250.8	92.9	658.4	2.73	19.32
12.0-13.0	4034.8	95.8	754.1	2.81	22.13
13.0-14.0	3798.8	97.2	851.4	2.85	24.98
14.0-15.0	3556.3	97.6	949.0	2.87	27.85
15.0-16.0	3312.0	97.1	1046.1	2.85	30.70
16.0-17.0	3062.7	95.4	1141.5	2.80	33.50
17.0-18.0	2814.4	92.8	1234.3	2.72	36.22
18.0-19.0	2574.0	89.6	1323.9	2.63	38.85
19.0-20.0	2337.6	85.6	1409.4	2.51	41.36
20.0-21.0	2094.2	80.4	1489.8	2.36	43.72
21.0-22.0	1852.9	74.5	1564.3	2.19	45.90
22.0-23.0	1627.5	68.3	1632.6	2.00	47.91
23.0-24.0	1411.5	61.7	1694.3	1.81	49.72
24.0-25.0	1203.5	54.7	1749.1	1.61	51.33
25.0-26.0	1006.6	47.5	1796.6	1.39	52.72
26.0-27.0	828.2	40.5	1837.1	1.19	53.91
27.0-28.0	675.4	34.2	1871.3	1.00	54.91
28.0-29.0	542.0	28.4	1899.7	0.83	55.75
29.0-30.0	427.3	23.1	1922.7	0.68	56.42
30.0-31.0	334.4	18.6	1941.4	0.55	56.97
31.0-32.0	261.8	15.0	1956.4	0.44	57.41
32.0-33.0	205.7	12.1	1968.5	0.36	57.76
33.0-34.0	162.2	9.8	1978.3	0.29	58.05
34.0-35.0	130.9	8.1	1986.4	0.24	58.29
35.0-36.0	107.9	6.9	1993.3	0.20	58.49

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 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	91.0	5.9	1999.2	0.17	58.67
37.0-38.0	78.7	5.3	2004.5	0.15	58.82
38.0-39.0	70.3	4.8	2009.3	0.14	58.96
39.0-40.0	64.3	4.5	2013.8	0.13	59.09
40.0-41.0	60.1	4.3	2018.1	0.13	59.22
41.0-42.0	56.9	4.1	2022.2	0.12	59.34
42.0-43.0	54.7	4.1	2026.2	0.12	59.46
43.0-44.0	53.2	4.0	2030.3	0.12	59.58
44.0-45.0	52.2	4.0	2034.3	0.12	59.70
45.0-46.0	51.6	4.0	2038.3	0.12	59.81
46.0-47.0	51.3	4.1	2042.4	0.12	59.93
47.0-48.0	51.1	4.1	2046.5	0.12	60.05
48.0-49.0	50.9	4.2	2050.7	0.12	60.18
49.0-50.0	51.0	4.3	2055.0	0.12	60.30
50.0-51.0	51.2	4.3	2059.3	0.13	60.43
51.0-52.0	51.3	4.4	2063.7	0.13	60.56
52.0-53.0	51.5	4.5	2068.2	0.13	60.69
53.0-54.0	51.6	4.5	2072.7	0.13	60.82
54.0-55.0	51.5	4.6	2077.3	0.13	60.96
55.0-56.0	51.4	4.6	2082.0	0.14	61.10
56.0-57.0	51.3	4.7	2086.7	0.14	61.23
57.0-58.0	51.1	4.7	2091.4	0.14	61.37
58.0-59.0	51.0	4.8	2096.2	0.14	61.51
59.0-60.0	51.0	4.8	2101.0	0.14	61.65
60.0-61.0	51.2	4.9	2105.9	0.14	61.80
61.0-62.0	51.5	5.0	2110.8	0.15	61.94
62.0-63.0	51.8	5.0	2115.9	0.15	62.09
63.0-64.0	52.3	5.1	2121.0	0.15	62.24
64.0-65.0	53.0	5.2	2126.2	0.15	62.39
65.0-66.0	53.8	5.4	2131.6	0.16	62.55
66.0-67.0	54.6	5.5	2137.1	0.16	62.71
67.0-68.0	55.4	5.6	2142.7	0.16	62.88
68.0-69.0	56.1	5.7	2148.5	0.17	63.05
69.0-70.0	56.8	5.8	2154.3	0.17	63.22
70.0-71.0	57.4	5.9	2160.2	0.17	63.39
71.0-72.0	57.8	6.0	2166.2	0.18	63.57

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 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	58.5	6.1	2172.4	0.18	63.75
73.0-74.0	59.3	6.2	2178.6	0.18	63.93
74.0-75.0	60.3	6.4	2185.0	0.19	64.12
75.0-76.0	61.2	6.5	2191.5	0.19	64.31
76.0-77.0	62.1	6.6	2198.1	0.19	64.50
77.0-78.0	63.2	6.8	2204.9	0.20	64.70
78.0-79.0	64.8	7.0	2211.8	0.20	64.91
79.0-80.0	66.5	7.2	2219.0	0.21	65.12
80.0-81.0	68.0	7.4	2226.3	0.22	65.33
81.0-82.0	69.3	7.5	2233.9	0.22	65.55
82.0-83.0	70.3	7.6	2241.5	0.22	65.78
83.0-84.0	70.8	7.7	2249.2	0.23	66.00
84.0-85.0	70.7	7.7	2256.9	0.23	66.23
85.0-86.0	69.7	7.6	2264.6	0.22	66.45
86.0-87.0	69.2	7.6	2272.1	0.22	66.68
87.0-88.0	72.7	8.0	2280.1	0.23	66.91
88.0-89.0	79.7	8.7	2288.8	0.26	67.17
89.0-90.0	86.8	9.5	2298.4	0.28	67.45
90.0-91.0	91.6	10.0	2308.4	0.29	67.74
91.0-92.0	94.9	10.4	2318.8	0.31	68.05
92.0-93.0	99.0	10.8	2329.7	0.32	68.36
93.0-94.0	103.3	11.3	2341.0	0.33	68.70
94.0-95.0	106.9	11.7	2352.7	0.34	69.04
95.0-96.0	110.1	12.0	2364.7	0.35	69.39
96.0-97.0	113.4	12.4	2377.0	0.36	69.75
97.0-98.0	116.7	12.7	2389.7	0.37	70.13
98.0-99.0	120.2	13.0	2402.8	0.38	70.51
99.0-100.0	124.0	13.4	2416.2	0.39	70.90
100.0-101.0	127.9	13.8	2430.0	0.40	71.31
101.0-102.0	132.3	14.2	2444.2	0.42	71.72
102.0-103.0	136.9	14.7	2458.9	0.43	72.15
103.0-104.0	141.7	15.1	2474.0	0.44	72.60
104.0-105.0	146.3	15.5	2489.5	0.46	73.05
105.0-106.0	150.9	15.9	2505.4	0.47	73.52
106.0-107.0	155.8	16.4	2521.8	0.48	74.00
107.0-108.0	160.6	16.8	2538.6	0.49	74.50

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 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	165.3	17.2	2555.8	0.50	75.00
109.0-110.0	169.5	17.5	2573.3	0.51	75.51
110.0-111.0	172.9	17.8	2591.1	0.52	76.04
111.0-112.0	175.3	17.9	2609.0	0.52	76.56
112.0-113.0	177.1	17.9	2626.9	0.53	77.09
113.0-114.0	179.0	18.0	2644.9	0.53	77.61
114.0-115.0	180.3	18.0	2662.9	0.53	78.14
115.0-116.0	181.8	18.0	2680.9	0.53	78.67
116.0-117.0	183.2	18.0	2698.9	0.53	79.20
117.0-118.0	183.9	17.9	2716.8	0.52	79.72
118.0-119.0	184.8	17.8	2734.6	0.52	80.25
119.0-120.0	186.7	17.8	2752.4	0.52	80.77
120.0-121.0	188.7	17.8	2770.2	0.52	81.29
121.0-122.0	190.2	17.8	2788.0	0.52	81.81
122.0-123.0	192.7	17.8	2805.8	0.52	82.34
123.0-124.0	196.2	17.9	2823.8	0.53	82.86
124.0-125.0	199.8	18.1	2841.8	0.53	83.39
125.0-126.0	203.5	18.2	2860.0	0.53	83.93
126.0-127.0	207.9	18.3	2878.3	0.54	84.46
127.0-128.0	212.8	18.5	2896.8	0.54	85.01
128.0-129.0	217.1	18.6	2915.5	0.55	85.55
129.0-130.0	221.2	18.7	2934.2	0.55	86.10
130.0-131.0	226.0	18.8	2953.0	0.55	86.66
131.0-132.0	229.4	18.8	2971.9	0.55	87.21
132.0-133.0	230.2	18.6	2990.5	0.55	87.76
133.0-134.0	230.9	18.4	3008.9	0.54	88.29
134.0-135.0	232.3	18.2	3027.0	0.53	88.83
135.0-136.0	233.4	17.9	3045.0	0.53	89.35
136.0-137.0	234.1	17.7	3062.6	0.52	89.87
137.0-138.0	234.4	17.4	3080.0	0.51	90.38
138.0-139.0	235.6	17.1	3097.1	0.50	90.88
139.0-140.0	237.6	16.9	3114.0	0.50	91.38
140.0-141.0	238.8	16.7	3130.7	0.49	91.87
141.0-142.0	239.0	16.3	3147.0	0.48	92.35
142.0-143.0	237.4	15.8	3162.9	0.46	92.81
143.0-144.0	233.3	15.2	3178.1	0.45	93.26

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

### Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	228.5	14.6	3192.6	0.43	93.69
145.0-146.0	225.1	14.0	3206.6	0.41	94.10
146.0-147.0	223.3	13.5	3220.1	0.40	94.49
147.0-148.0	221.4	13.0	3233.2	0.38	94.88
148.0-149.0	218.9	12.5	3245.7	0.37	95.24
149.0-150.0	216.5	12.1	3257.8	0.35	95.60
150.0-151.0	214.6	11.6	3269.3	0.34	95.94
151.0-152.0	212.3	11.1	3280.5	0.33	96.26
152.0-153.0	208.9	10.6	3291.0	0.31	96.57
153.0-154.0	204.9	10.0	3301.1	0.29	96.87
154.0-155.0	200.3	9.5	3310.5	0.28	97.15
155.0-156.0	195.0	8.9	3319.4	0.26	97.41
156.0-157.0	190.3	8.3	3327.7	0.24	97.65
157.0-158.0	187.0	7.8	3335.5	0.23	97.88
158.0-159.0	183.4	7.4	3342.9	0.22	98.10
159.0-160.0	178.5	6.9	3349.8	0.20	98.30
160.0-161.0	173.4	6.3	3356.1	0.19	98.48
161.0-162.0	169.3	5.9	3362.0	0.17	98.66
162.0-163.0	167.0	5.5	3367.5	0.16	98.82
163.0-164.0	164.7	5.1	3372.6	0.15	98.97
164.0-165.0	161.3	4.7	3377.4	0.14	99.11
165.0-166.0	158.0	4.3	3381.7	0.13	99.24
166.0-167.0	155.0	4.0	3385.7	0.12	99.35
167.0-168.0	151.5	3.6	3389.3	0.11	99.46
168.0-169.0	147.5	3.2	3392.5	0.09	99.55
169.0-170.0	143.5	2.9	3395.4	0.08	99.64
170.0-171.0	139.1	2.5	3397.9	0.07	99.71
171.0-172.0	135.0	2.2	3400.1	0.06	99.77
172.0-173.0	131.4	1.9	3402.0	0.06	99.83
173.0-174.0	128.0	1.6	3403.5	0.05	99.88
174.0-175.0	125.1	1.3	3404.9	0.04	99.92
175.0-176.0	122.8	1.1	3405.9	0.03	99.95
176.0-177.0	121.0	0.8	3406.7	0.02	99.97
177.0-178.0	119.4	0.6	3407.3	0.02	99.99
178.0-179.0	118.3	0.3	3407.6	0.01	100.00
179.0-180.0	117.7	0.1	3407.7	0.00	100.00

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

## Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	5452.7	5423.4	5452.7	5423.4	5452.7					
G1.0	5449.9	5437.0	5443.5	5385.1	5449.9					
G2.0	5434.9	5438.6	5412.7	5325.4	5434.9					
G3.0	5393.7	5439.9	5361.3	5247.7	5393.7					
G4.0	5336.5	5416.5	5279.0	5156.4	5336.5					
G5.0	5263.9	5369.5	5185.9	5039.3	5263.9					
G6.0	5184.5	5302.1	5082.8	4917.8	5184.5					
G7.0	5066.6	5216.2	4958.5	4775.7	5066.6					
G8.0	4933.7	5102.8	4826.2	4611.8	4933.7					
G9.0	4785.7	4976.2	4658.6	4420.6	4785.7					
G10.0	4609.9	4855.2	4480.4	4220.3	4609.9					
G11.0	4407.8	4716.7	4280.9	4001.0	4407.8					
G12.0	4197.4	4537.7	4090.4	3774.4	4197.4					
G13.0	3961.7	4329.0	3865.6	3522.5	3961.7					
G14.0	3717.7	4089.6	3624.5	3280.1	3717.7					
G15.0	3472.6	3837.3	3380.9	3048.2	3472.6					
G16.0	3204.6	3589.0	3147.3	2816.4	3204.6					
G17.0	2941.4	3327.7	2895.9	2579.5	2941.4					
G18.0	2698.5	3086.2	2653.2	2332.7	2698.5					
G19.0	2469.1	2838.7	2405.3	2108.3	2469.1					
G20.0	2234.9	2597.9	2178.9	1867.3	2234.9					
G21.0	1979.4	2335.9	1916.7	1642.4	1979.4					
G22.0	1737.7	2092.9	1694.6	1423.9	1737.7					
G23.0	1539.3	1834.9	1468.5	1228.6	1539.3					
G24.0	1328.0	1604.0	1263.9	1025.0	1328.0					
G25.0	1124.3	1378.7	1042.1	861.7	1124.3					
G26.0	936.5	1165.4	846.3	698.1	936.5					
G27.0	760.7	975.8	678.3	564.4	760.7					
G28.0	620.5	813.7	543.0	446.5	620.5					
G29.0	482.3	651.1	425.6	353.3	482.3					
G30.0	370.1	525.9	334.3	275.9	370.1					
G31.0	278.8	412.5	259.9	218.0	278.8					
G32.0	210.8	329.0	211.3	173.8	210.8					
G33.0	158.6	249.2	171.9	140.8	158.6					
G34.0	122.7	198.2	142.0	114.6	122.7					
G35.0	97.6	158.6	118.6	95.1	97.6					
G36.0	82.2	128.7	100.7	81.6	82.2					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600

Distance: 6.500 m

Humidity:

Inspector:



## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	71.4	104.0	87.9	71.4	71.4					
G38.0	64.1	87.6	78.5	64.9	64.1					
G39.0	59.3	76.0	71.6	60.2	59.3					
G40.0	55.7	68.3	66.7	56.8	55.7					
G41.0	53.5	62.0	62.9	54.5	53.5					
G42.0	51.7	58.3	59.9	52.7	51.7					
G43.0	50.7	55.4	57.9	51.4	50.7					
G44.0	50.1	53.3	56.5	50.4	50.1					
G45.0	49.5	52.1	56.0	49.6	49.5					
G46.0	49.0	51.3	55.7	49.5	49.0					
G47.0	49.2	50.7	55.4	49.3	49.2					
G48.0	49.3	50.2	55.4	49.0	49.3					
G49.0	49.3	49.9	55.4	48.9	49.3					
G50.0	49.8	50.4	55.5	49.0	49.8					
G51.0	49.6	50.4	55.8	49.2	49.6					
G52.0	49.5	50.7	56.1	49.3	49.5					
G53.0	49.6	51.1	56.3	49.3	49.6					
G54.0	49.6	51.3	56.3	49.2	49.6					
G55.0	49.3	50.8	56.7	49.0	49.3					
G56.0	48.8	51.3	56.5	48.9	48.8					
G57.0	48.5	51.1	56.4	48.6	48.5					
G58.0	48.5	50.8	56.5	48.5	48.5					
G59.0	48.2	50.8	56.5	48.5	48.2					
G60.0	48.0	50.5	56.7	48.8	48.0					
G61.0	48.6	50.5	57.3	49.0	48.6					
G62.0	48.9	50.7	57.6	49.5	48.9					
G63.0	49.2	51.0	57.9	50.1	49.2					
G64.0	49.6	51.4	58.6	50.8	49.6					
G65.0	50.2	52.9	59.2	51.5	50.2					
G66.0	50.4	54.3	59.8	52.4	50.4					
G67.0	51.3	55.5	60.4	53.0	51.3					
G68.0	51.4	56.4	61.1	54.0	51.4					
G69.0	50.8	58.3	62.0	54.8	50.8					
G70.0	50.5	60.1	63.0	55.2	50.5					
G71.0	50.5	61.4	63.3	55.2	50.5					
G72.0	50.4	62.7	63.5	55.5	50.4					
G73.0	50.4	64.7	64.2	56.4	50.4					

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	50.1	66.3	64.7	57.9	50.1					
G75.0	49.6	68.3	65.7	59.8	49.6					
G76.0	48.9	69.4	66.3	62.0	48.9					
G77.0	48.3	71.3	66.4	64.1	48.3					
G78.0	48.5	73.9	66.9	66.6	48.5					
G79.0	48.5	76.6	68.0	69.2	48.5					
G80.0	48.2	80.4	69.5	71.7	48.2					
G81.0	47.3	82.6	70.6	74.1	47.3					
G82.0	46.2	86.2	70.8	76.6	46.2					
G83.0	44.0	89.7	70.1	78.9	44.0					
G84.0	42.9	91.3	68.9	80.6	42.9					
G85.0	45.4	90.3	65.5	81.2	45.4					
G86.0	49.8	85.1	61.4	79.1	49.8					
G87.0	54.8	81.2	63.9	78.7	54.8					
G88.0	60.1	90.0	68.9	84.4	60.1					
G89.0	62.2	103.5	74.5	94.0	62.2					
G90.0	64.5	115.0	79.5	101.5	64.5					
G91.0	66.9	118.7	82.3	104.4	66.9					
G92.0	69.8	122.8	85.6	109.0	69.8					
G93.0	72.8	127.4	90.1	114.7	72.8					
G94.0	75.8	131.5	94.0	120.5	75.8					
G95.0	78.7	133.6	97.1	124.2	78.7					
G96.0	81.4	137.6	99.6	128.6	81.4					
G97.0	84.2	141.7	101.9	132.6	84.2					
G98.0	87.2	146.4	104.1	135.8	87.2					
G99.0	90.6	151.8	106.5	139.6	90.6					
G100.0	93.8	156.3	109.4	143.9	93.8					
G101.0	97.3	160.7	113.4	148.6	97.3					
G102.0	102.1	165.4	117.7	153.0	102.1					
G103.0	108.4	169.2	123.0	156.3	108.4					
G104.0	114.4	173.6	128.3	160.2	114.4					
G105.0	118.0	178.6	134.9	162.4	118.0					
G106.0	122.1	183.1	142.4	165.7	122.1					
G107.0	128.0	187.2	148.4	169.2	128.0					
G108.0	134.2	191.8	152.9	173.2	134.2					
G109.0	139.2	196.3	157.1	177.5	139.2					
G110.0	142.4	200.9	161.1	181.3	142.4					

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	142.6	205.0	164.8	185.4	142.6					
G112.0	139.9	208.8	168.3	187.3	139.9					
G113.0	138.6	213.1	172.0	188.9	138.6					
G114.0	137.7	216.9	175.6	188.9	137.7					
G115.0	138.1	219.6	177.9	187.9	138.1					
G116.0	141.5	222.2	180.4	187.0	141.5					
G117.0	143.0	223.9	183.8	183.9	143.0					
G118.0	143.4	224.4	187.3	181.0	143.4					
G119.0	143.9	224.1	191.0	182.8	143.9					
G120.0	146.5	223.0	194.9	187.3	146.5					
G121.0	147.3	220.0	198.1	192.2	147.3					
G122.0	146.1	219.7	201.9	196.2	146.1					
G123.0	148.0	222.4	206.0	201.3	148.0					
G124.0	149.5	224.4	210.5	207.5	149.5					
G125.0	153.3	222.8	214.9	215.3	153.3					
G126.0	159.2	218.6	218.6	225.2	159.2					
G127.0	166.0	217.8	221.4	236.5	166.0					
G128.0	171.0	219.4	223.6	246.8	171.0					
G129.0	175.6	220.2	224.6	255.5	175.6					
G130.0	178.2	224.4	225.8	265.4	178.2					
G131.0	183.4	229.6	225.8	275.7	183.4					
G132.0	182.3	234.6	223.3	280.7	182.3					
G133.0	178.8	239.8	218.9	283.4	178.8					
G134.0	180.4	245.7	214.9	285.4	180.4					
G135.0	180.7	252.9	211.1	287.2	180.7					
G136.0	177.0	260.4	209.7	288.5	177.0					
G137.0	171.4	268.9	209.9	286.6	171.4					
G138.0	165.5	276.7	210.0	285.7	165.5					
G139.0	166.6	285.7	209.9	284.7	166.6					
G140.0	168.6	294.5	209.6	281.4	168.6					
G141.0	169.7	302.6	206.9	277.2	169.7					
G142.0	170.8	307.1	203.5	273.9	170.8					
G143.0	171.3	307.1	200.3	264.8	171.3					
G144.0	171.0	305.2	195.6	251.4	171.0					
G145.0	170.6	302.2	191.2	240.9	170.6					
G146.0	170.7	298.7	188.7	237.7	170.7					
G147.0	171.7	294.7	189.1	235.1	171.7					

C Plane (°):0.0-360.0: 90.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	173.3	290.0	185.9	231.1	173.3					
G149.0	176.0	284.1	184.1	226.8	176.0					
G150.0	179.4	275.5	182.9	223.4	179.4					
G151.0	182.9	269.4	183.4	219.9	182.9					
G152.0	185.4	260.5	181.4	215.8	185.4					
G153.0	186.8	245.4	177.2	218.9	186.8					
G154.0	187.6	228.9	173.5	220.8	187.6					
G155.0	187.2	219.4	168.8	216.1	187.2					
G156.0	183.9	215.0	159.6	209.9	183.9					
G157.0	188.5	210.9	150.1	204.4	188.5					
G158.0	188.7	206.9	147.4	199.1	188.7					
G159.0	180.1	203.4	147.6	193.7	180.1					
G160.0	169.4	202.1	143.0	188.8	169.4					
G161.0	162.4	199.0	138.6	183.6	162.4					
G162.0	158.5	197.2	137.6	177.9	158.5					
G163.0	154.5	199.7	137.7	172.9	154.5					
G164.0	150.4	196.8	138.6	166.9	150.4					
G165.0	146.7	190.1	140.5	160.8	146.7					
G166.0	142.7	183.9	144.3	154.5	142.7					
G167.0	138.7	179.5	147.6	148.4	138.7					
G168.0	134.9	173.8	147.0	142.0	134.9					
G169.0	131.4	166.4	148.2	136.4	131.4					
G170.0	128.1	159.4	148.0	130.0	128.1					
G171.0	126.8	153.0	143.6	124.2	126.8					
G172.0	127.4	148.0	138.7	118.7	127.4					
G173.0	126.9	142.6	134.0	114.9	126.9					
G174.0	126.1	137.0	129.8	112.5	126.1					
G175.0	124.3	131.8	126.2	113.0	124.3					
G176.0	119.9	127.4	123.6	116.5	119.9					
G177.0	117.2	123.3	121.4	118.8	117.2					
G178.0	116.1	120.9	118.4	119.0	116.1					
G179.0	115.9	119.7	116.9	119.6	115.9					
G180.0	115.5	119.4	115.2	119.6	115.5					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600

Distance: 6.500 m

Humidity:

Inspector: