

Report No.:

Test Time: 2022-07-14 10:21

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: VAP2291BL

Current: 0.090 A

Power Factor: 0.984

Voltage: 120.0 V

Power: 10.59 W

Photometric Results

CIE Class: Direct

Measurement Flux: 570.3 lm

Downward Ratio: 94%

Horizontal Diffuse Angle(50%): H36.7

Vertical Diffuse Angle(50%): V35

Luminaire Efficacy Rating (LER): 53.90

Max. Intensity: 1302.06 cd

S/MH(C0/C180): 0.63

Total Rated Lamp Lumens: 570.3 lm

Efficiency: 100%

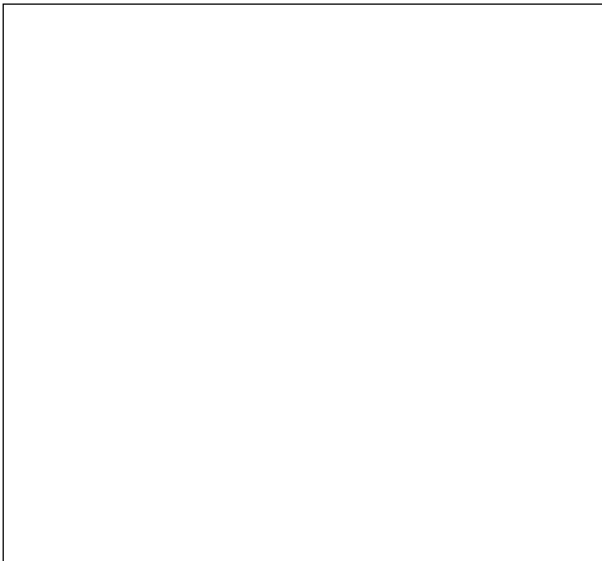
Upward Ratio: 6%

Central Intensity: 1169.75 cd

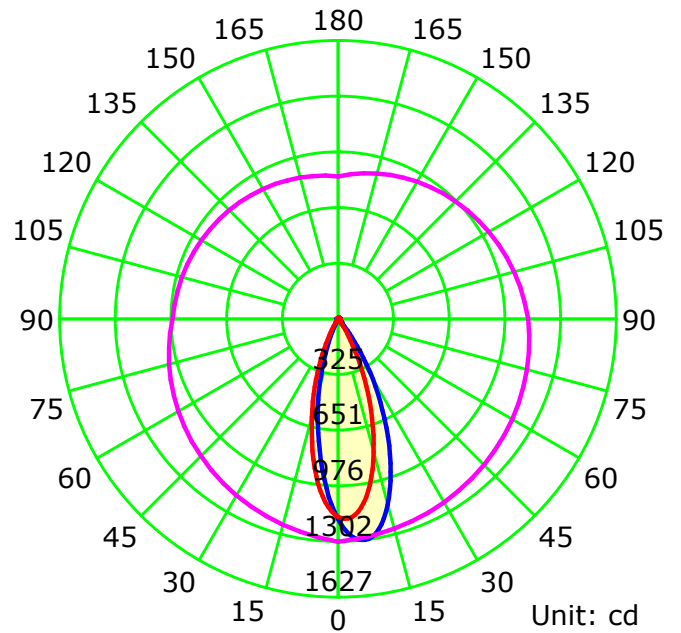
Pos of Max. Intensity: H0 V7

S/MH(C90/C270): 0.58

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 35.1°

— C0-C180 — C90-C270 — G7

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

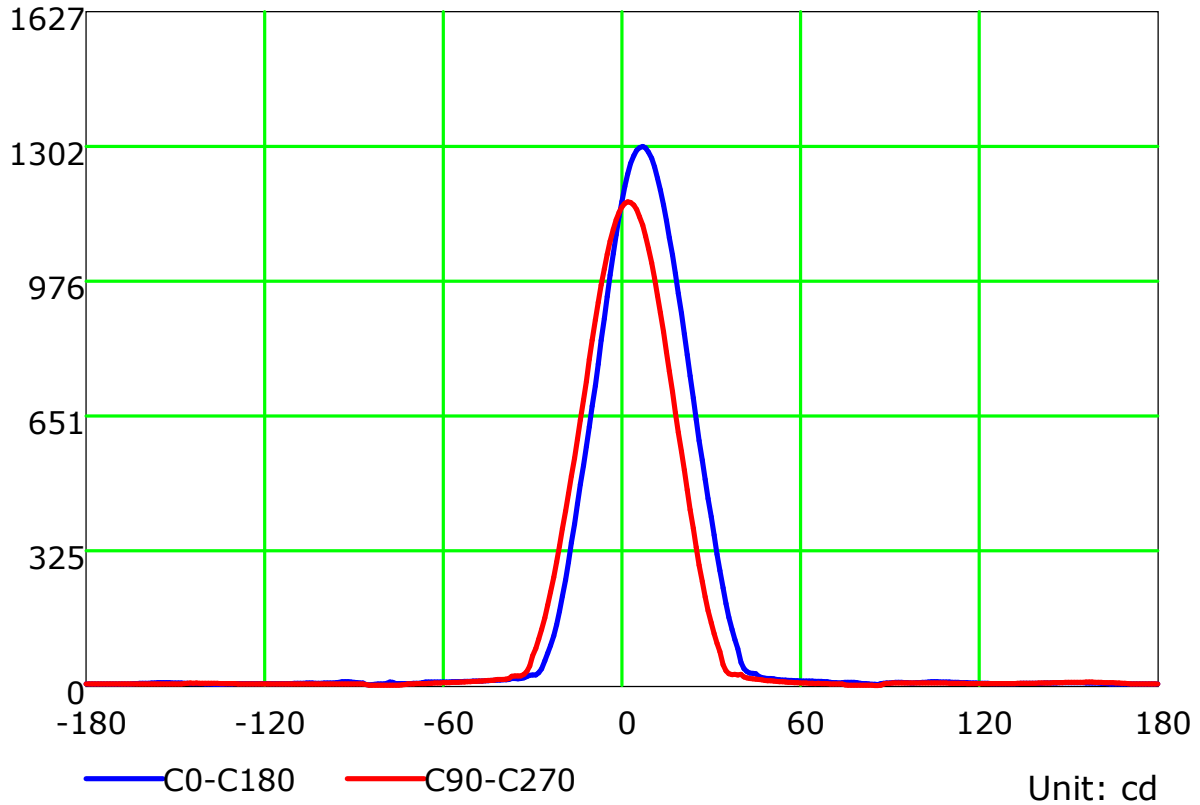
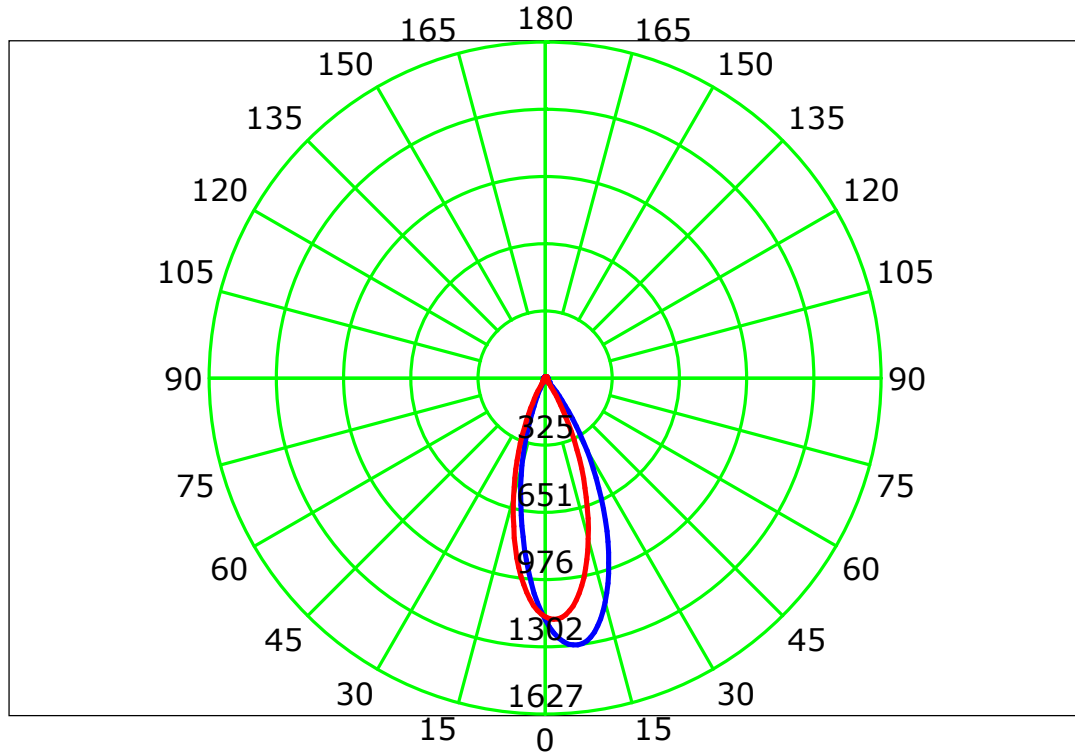
Test Device: GPM-1600

Distance: 6.600 m

Humidity:

Inspector:

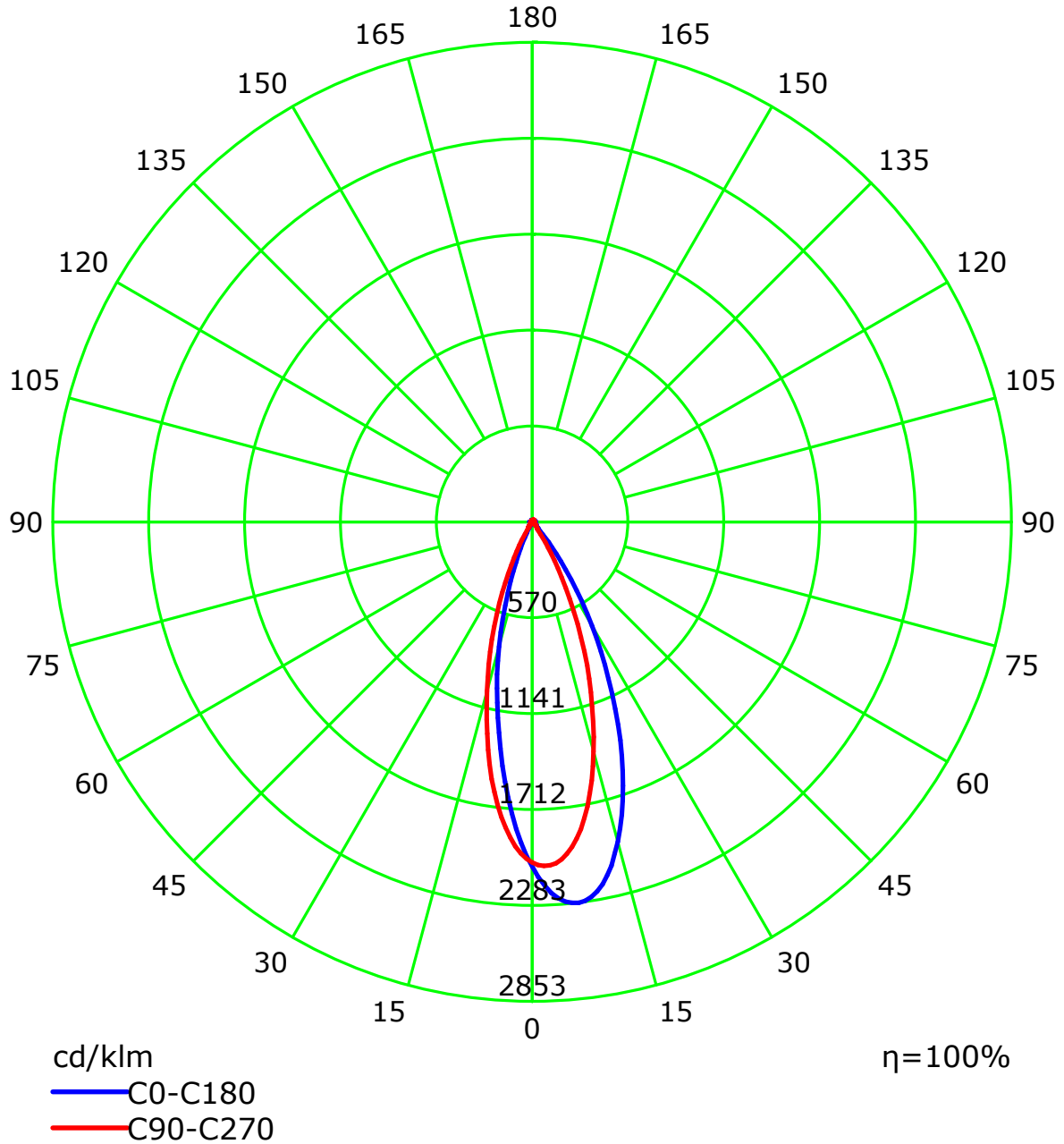
Luminous Intensity Distribution Curve



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: 6.600 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:

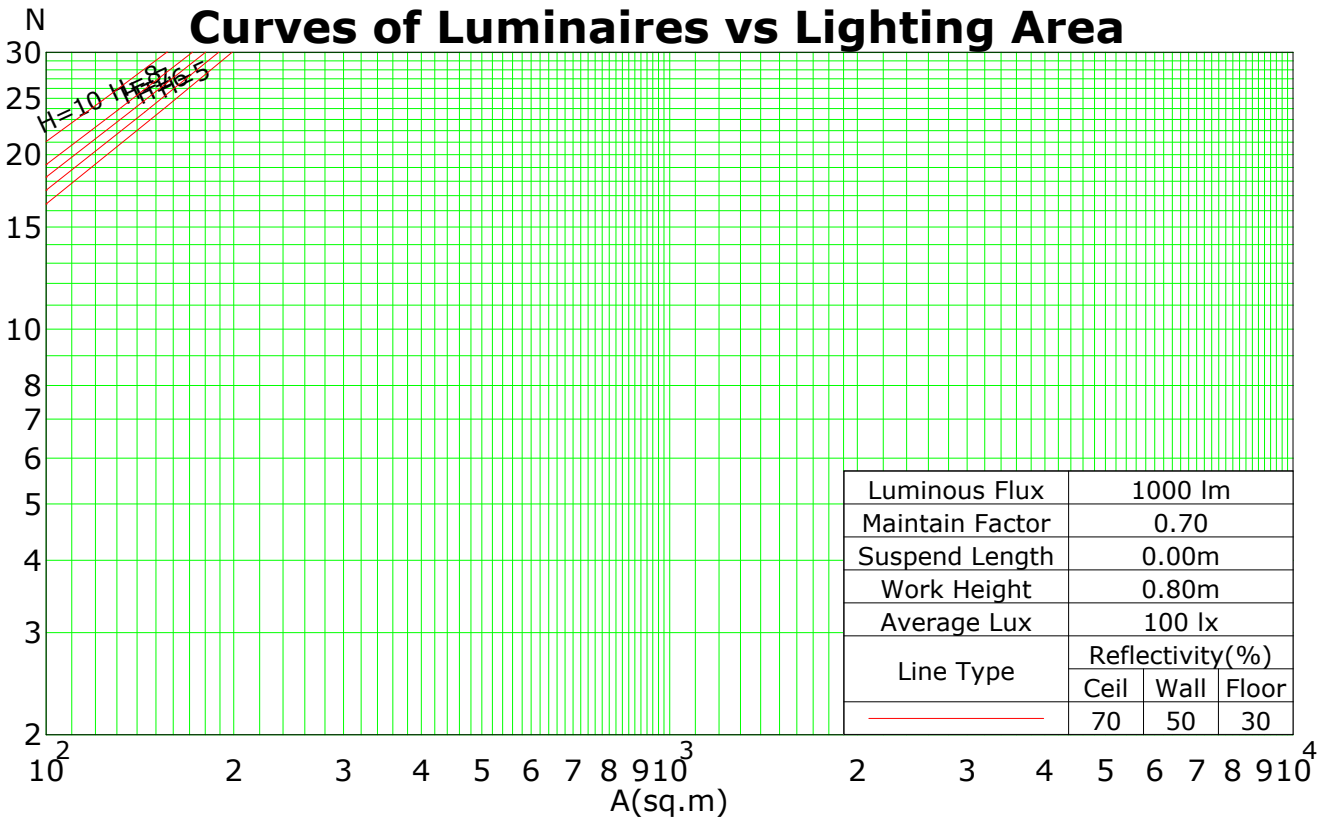
Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 6.600 m
 Humidity:
 Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	112	109	107	104	109	106	104	102	101	99	98	96	95	94	92	91	90	88
2	107	102	98	95	104	100	96	93	95	93	90	91	89	87	88	86	85	83
3	102	96	91	87	99	94	90	86	90	87	84	87	84	82	84	82	80	78
4	97	90	85	81	95	89	84	80	86	82	79	83	80	77	80	78	75	74
5	93	85	80	76	91	84	79	75	82	77	74	79	76	73	77	74	72	70
6	89	81	75	72	87	80	75	71	78	73	70	76	72	69	74	71	68	67
7	85	77	72	68	84	76	71	67	74	70	67	73	69	66	71	68	65	64
8	82	73	68	64	81	73	68	64	71	67	63	70	66	63	68	65	62	61
9	79	70	65	61	77	69	64	61	68	64	60	67	63	60	66	62	59	58
10	76	67	62	59	75	67	62	58	65	61	58	64	60	57	63	60	57	56

Spacing Criteria (0-180): 0.63
 Spacing Criteria (90-270): 0.58
 Spacing Criteria (Diagonal): 0.61

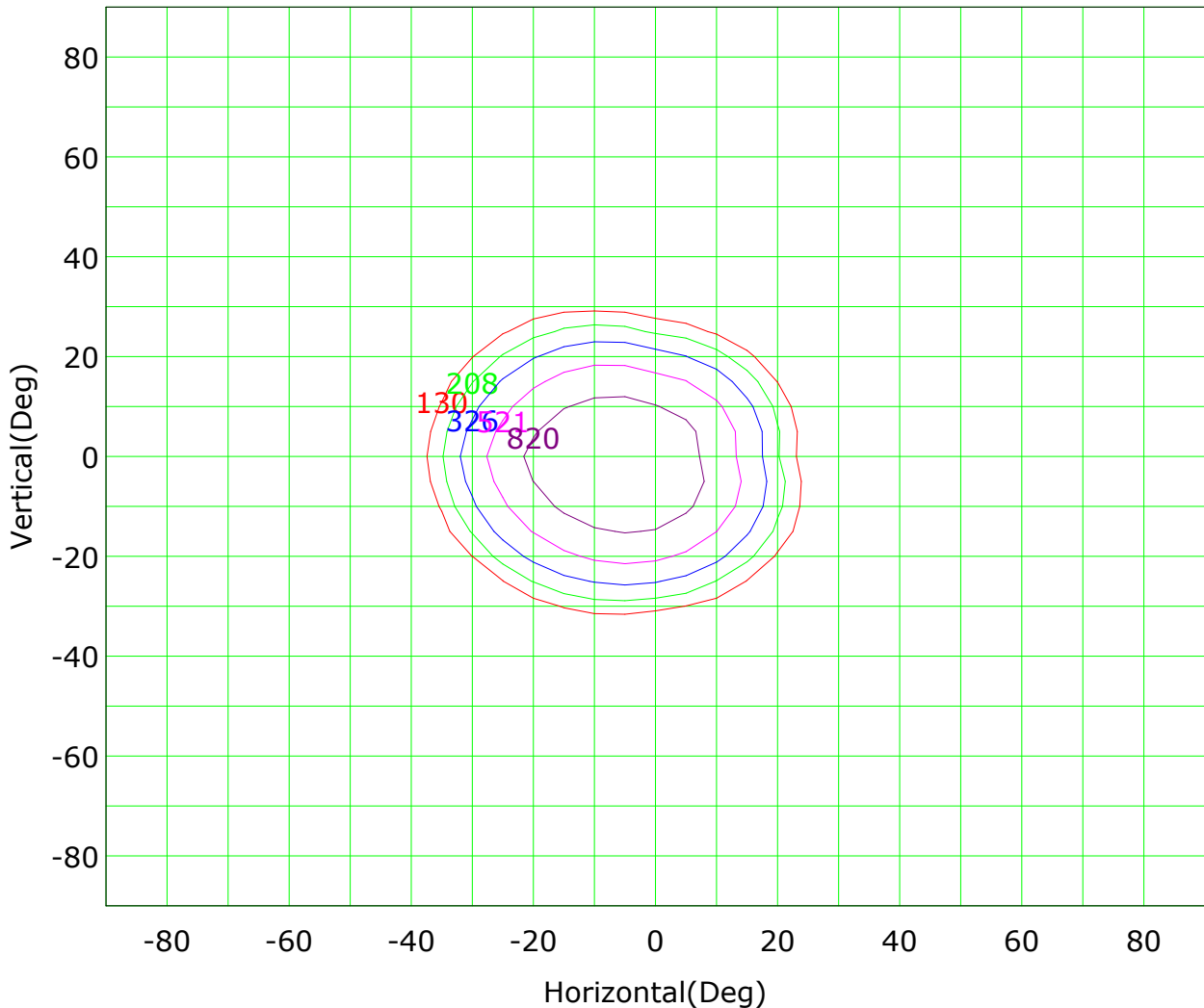
Curves of Luminaires vs Lighting Area



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: 6.600 m
 Humidity:
 Inspector:

Isocandela (rectangle)



Imax (100%): 1302 cd

— (10%): 130 cd	— (16%): 208 cd
— (25%): 326 cd	— (40%): 521 cd
— (63%): 820 cd	— (100%): 1302 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

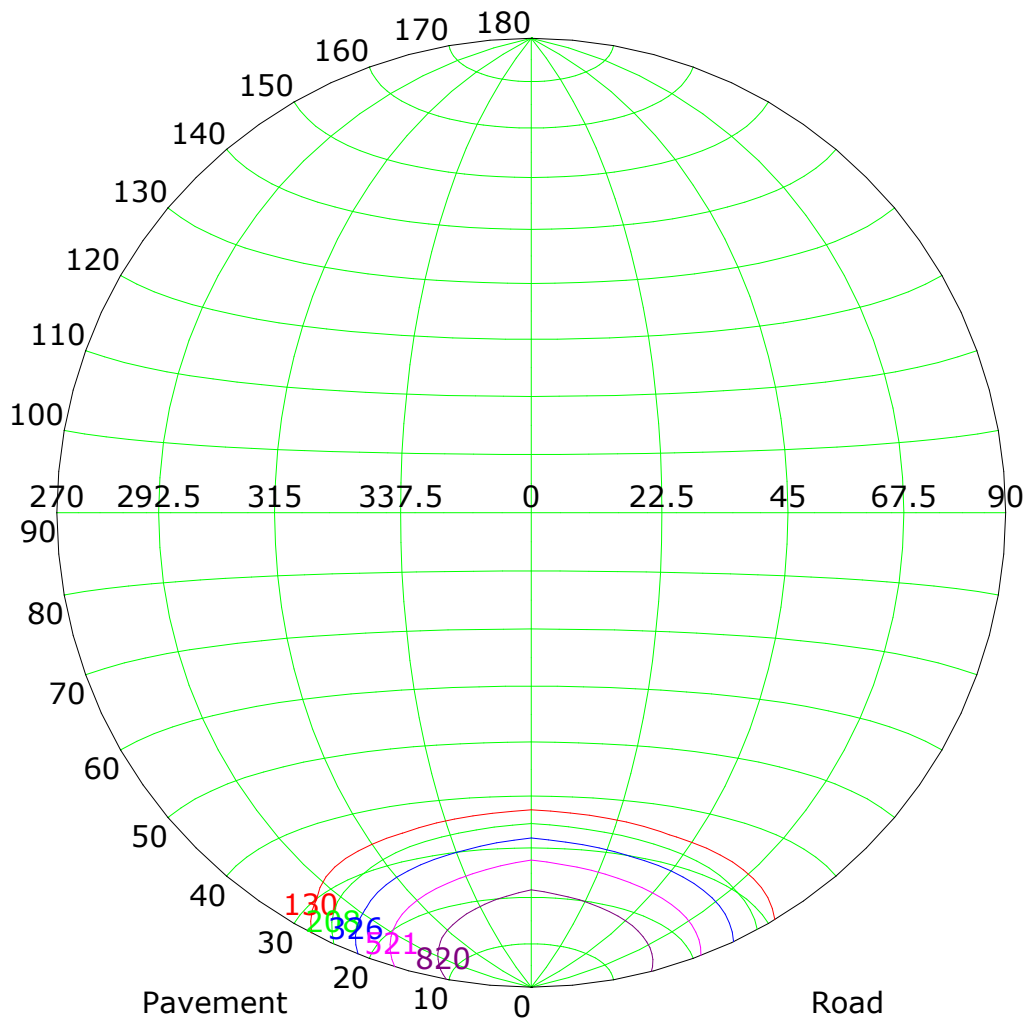
Test Device: GPM-1600

Distance: 6.600 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 1302 cd

— (10%): 130 cd	— (16%): 208 cd
— (25%): 326 cd	— (40%): 521 cd
— (63%): 820 cd	— (100%): 1302 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

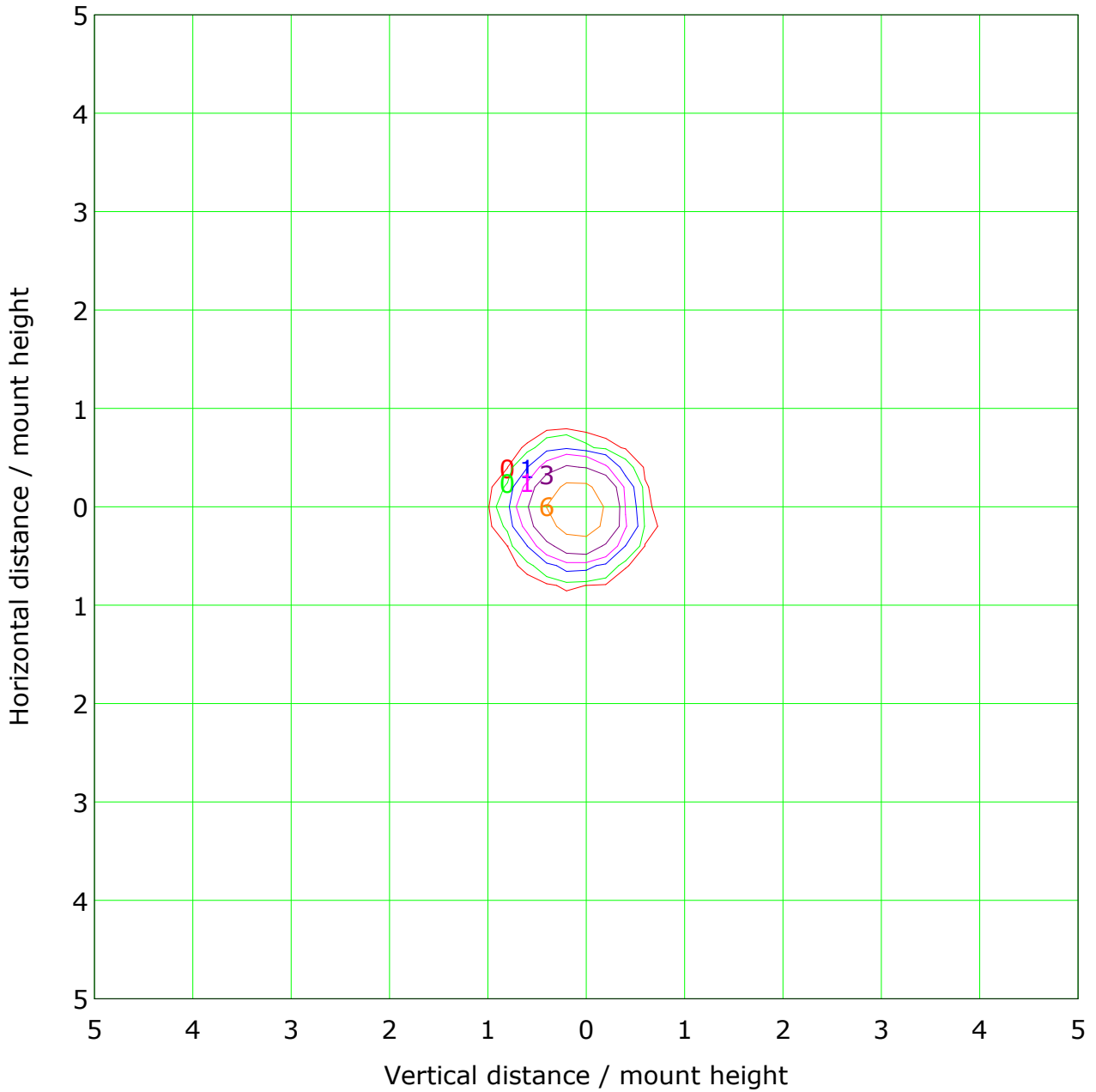
Test Device: GPM-1600

Distance: 6.600 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 12.8 lx	
<ul style="list-style-type: none"> — (1%): 0.1 lx — (5%): 0.6 lx — (20%): 2.6 lx — (100%): 12.8 lx 	<ul style="list-style-type: none"> — (2%): 0.3 lx — (10%): 1.3 lx — (50%): 6.4 lx 		

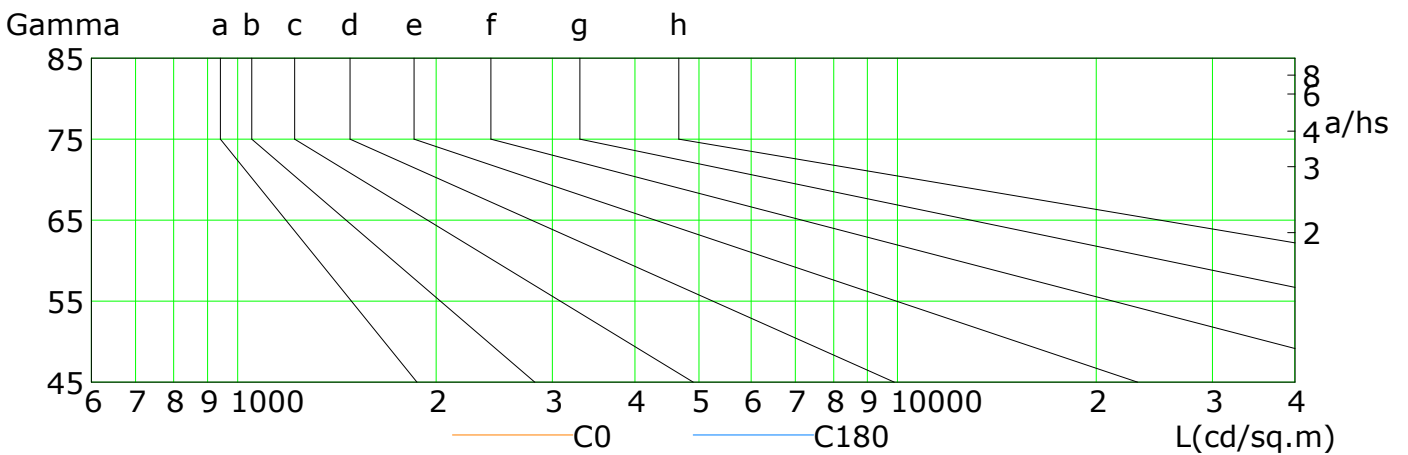
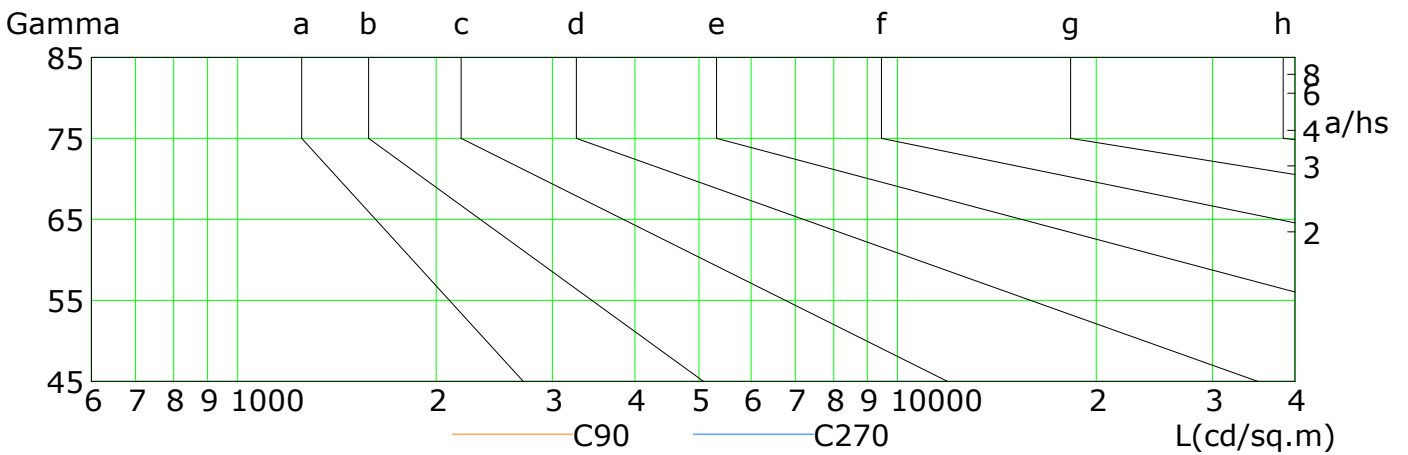
C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 6.600 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	29	18	13	12	11	8	8	6	3
C90	16	12	9	7	5	5	2	1	1
C180	12	11	10	9	9	5	5	5	2
C270	13	10	8	7	5	5	1	1	1

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

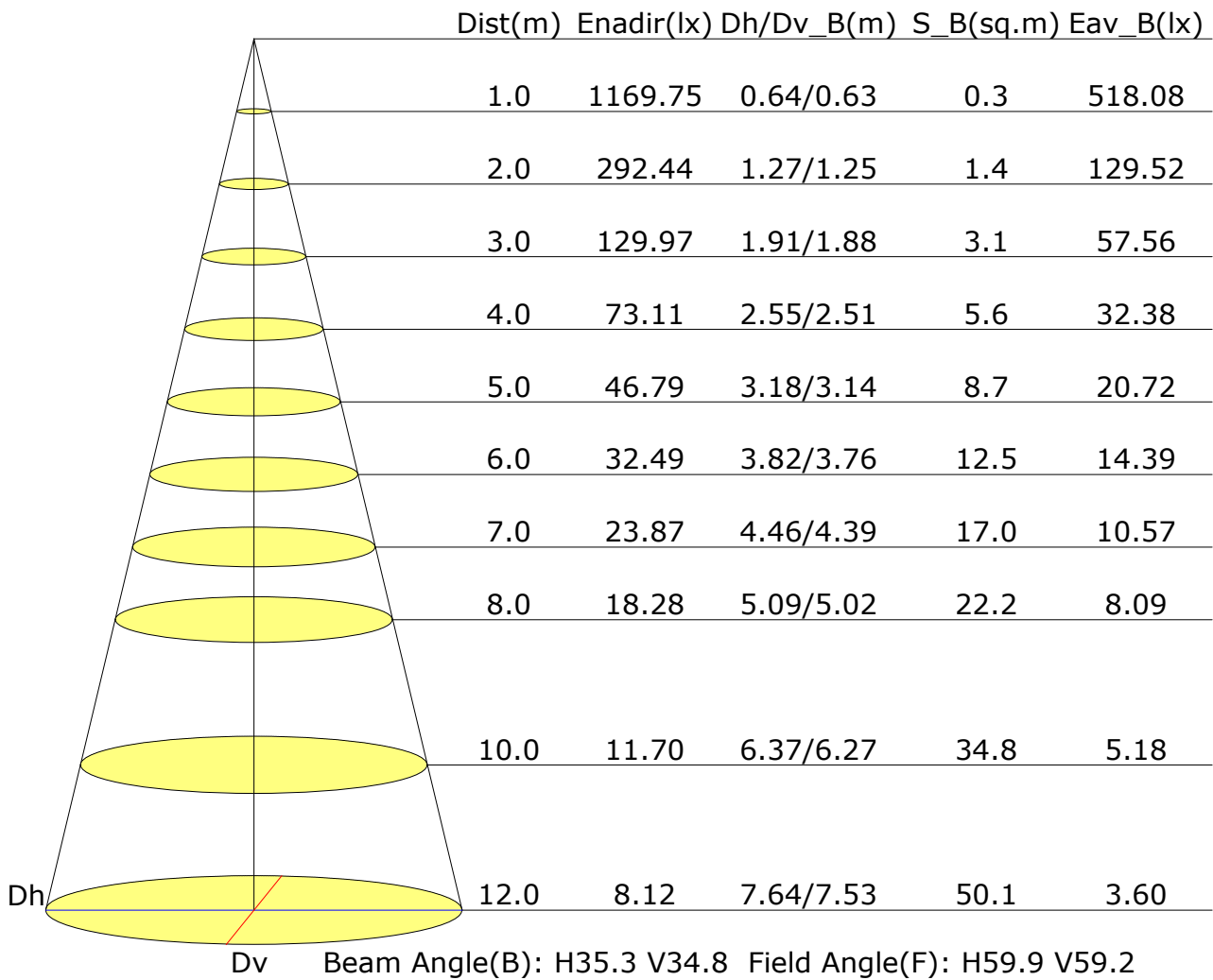
Test Device: GPM-1600

Distance: 6.600 m

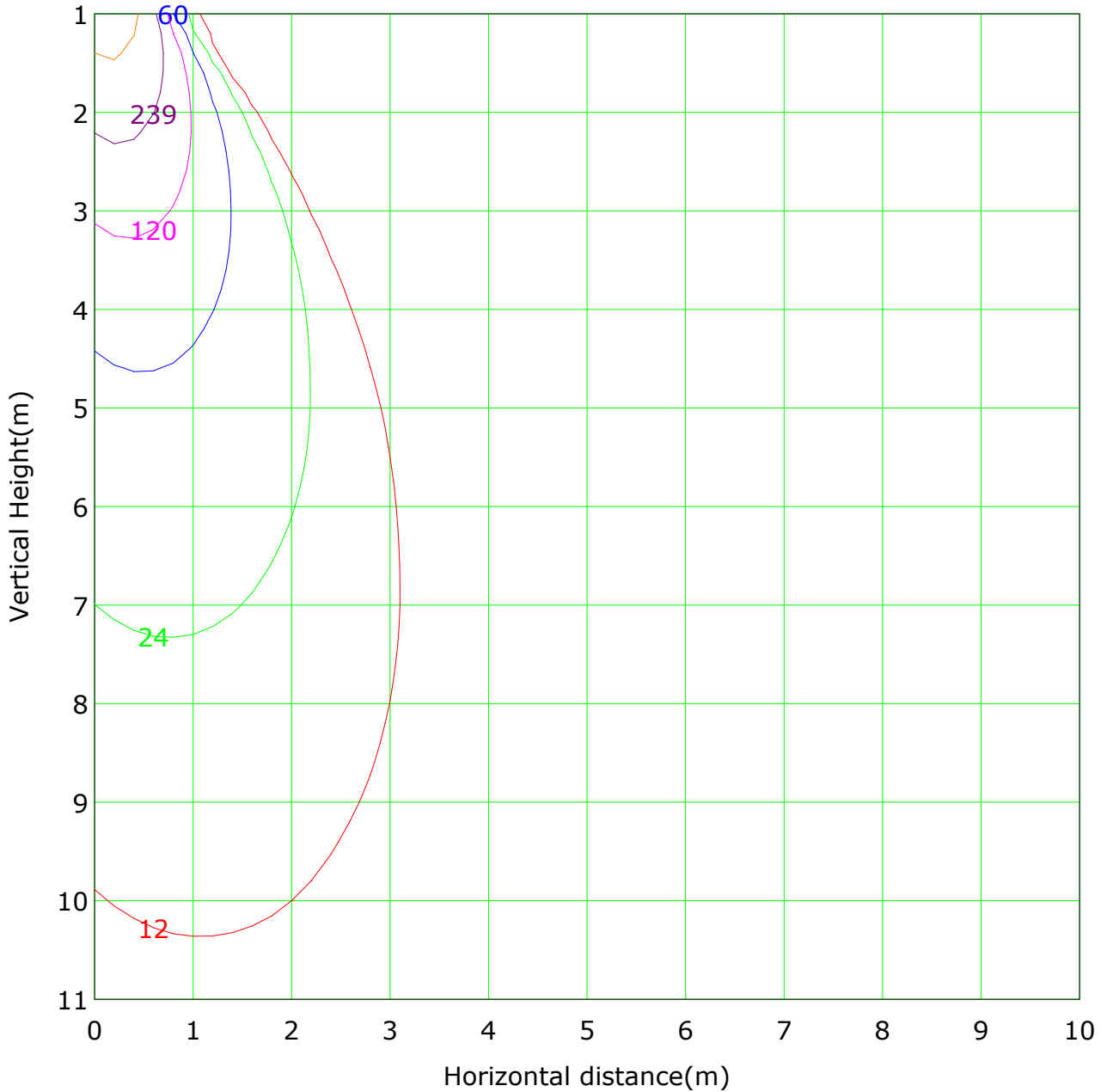
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1196.7 lx
 (1%): 12.0 lx (2%): 23.9 lx
 (5%): 59.8 lx (10%): 119.7 lx
 (20%): 239.3 lx (50%): 598.3 lx
 (100%):1196.7 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: 6.600 m
 Humidity:
 Inspector:

Area Flux Table

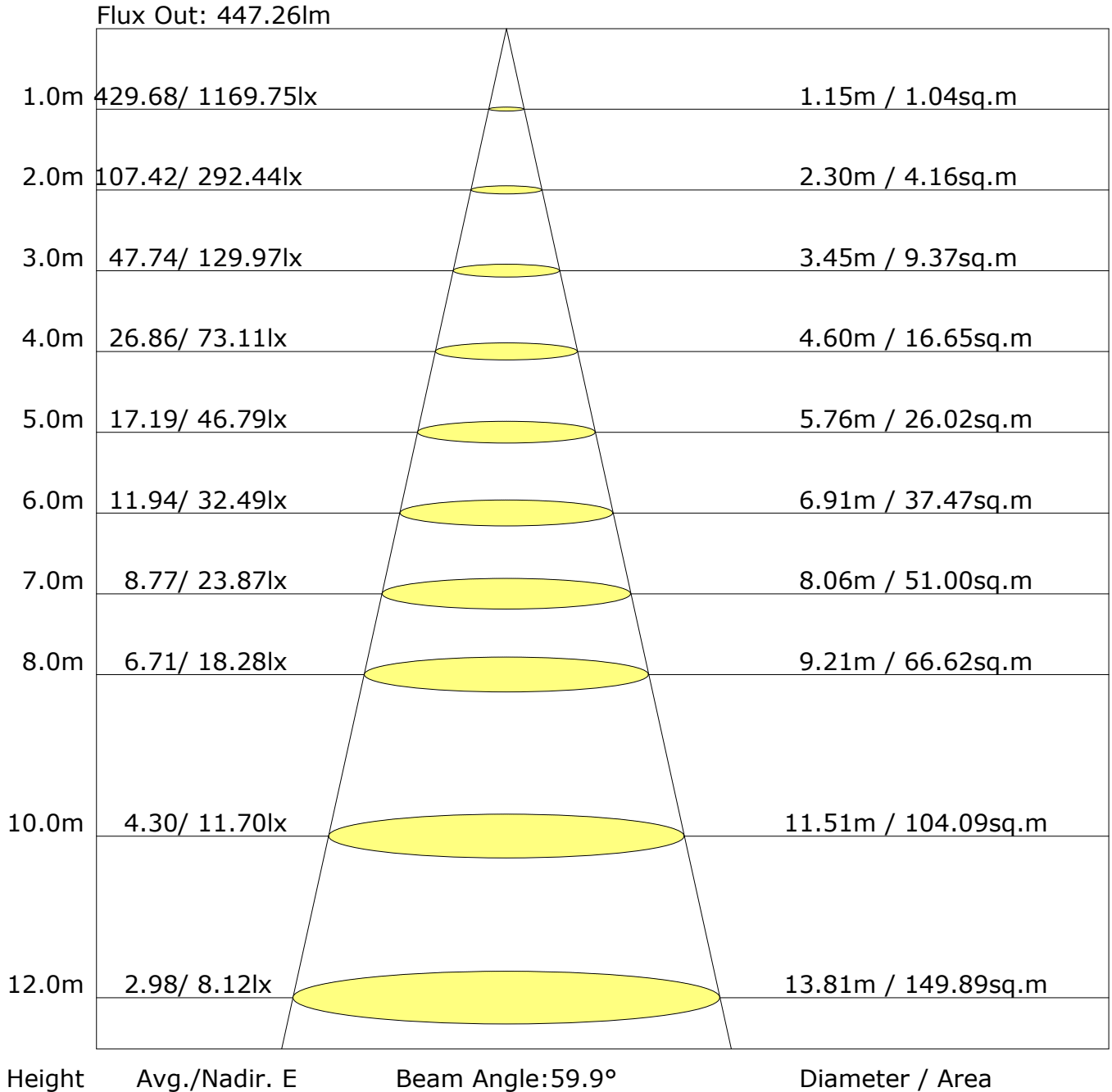
Unit: lm

		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	533	464
	-80	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.1	0.0
	-70	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.1	0.0
	-60	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.7	0.0
	-50	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.6	0.0
	-40	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	7.0	0.0
	-30	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	28.2	19.9
	-20	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	76.1	71.3
	-10	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	125.5	121.5
	0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	133.4	129.3
	10	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	92.6	87.8
	20	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	39.6	32.9
	30	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	4.0	0.0
	40	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9.4	0.7
	50	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.7	0.0
	60	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.9	0.0
	70	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	1.1	0.0
	80	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	1.1	0.0
90	0.2	0.7	1.3	2.1	3.1	4.6	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	533	464	

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: 6.600 m
 Humidity:
 Inspector:

The Average Illuminance Effective Figure



UGR Table

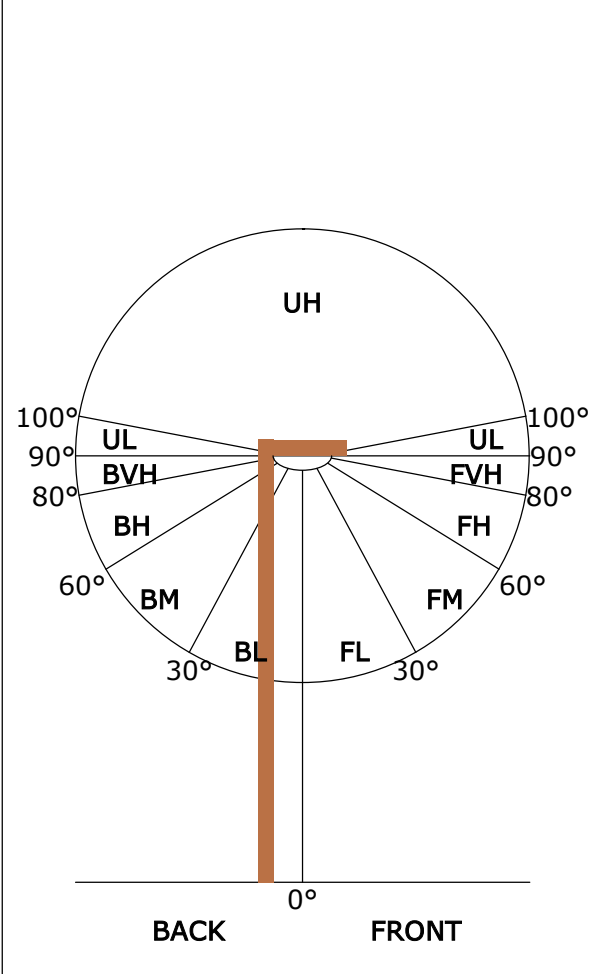
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$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

Calculate in accordance with CIE Pub.117. The table is revised with $570lm (8\log(F/F_0) = -2.0)$.

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: 6.600 m
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

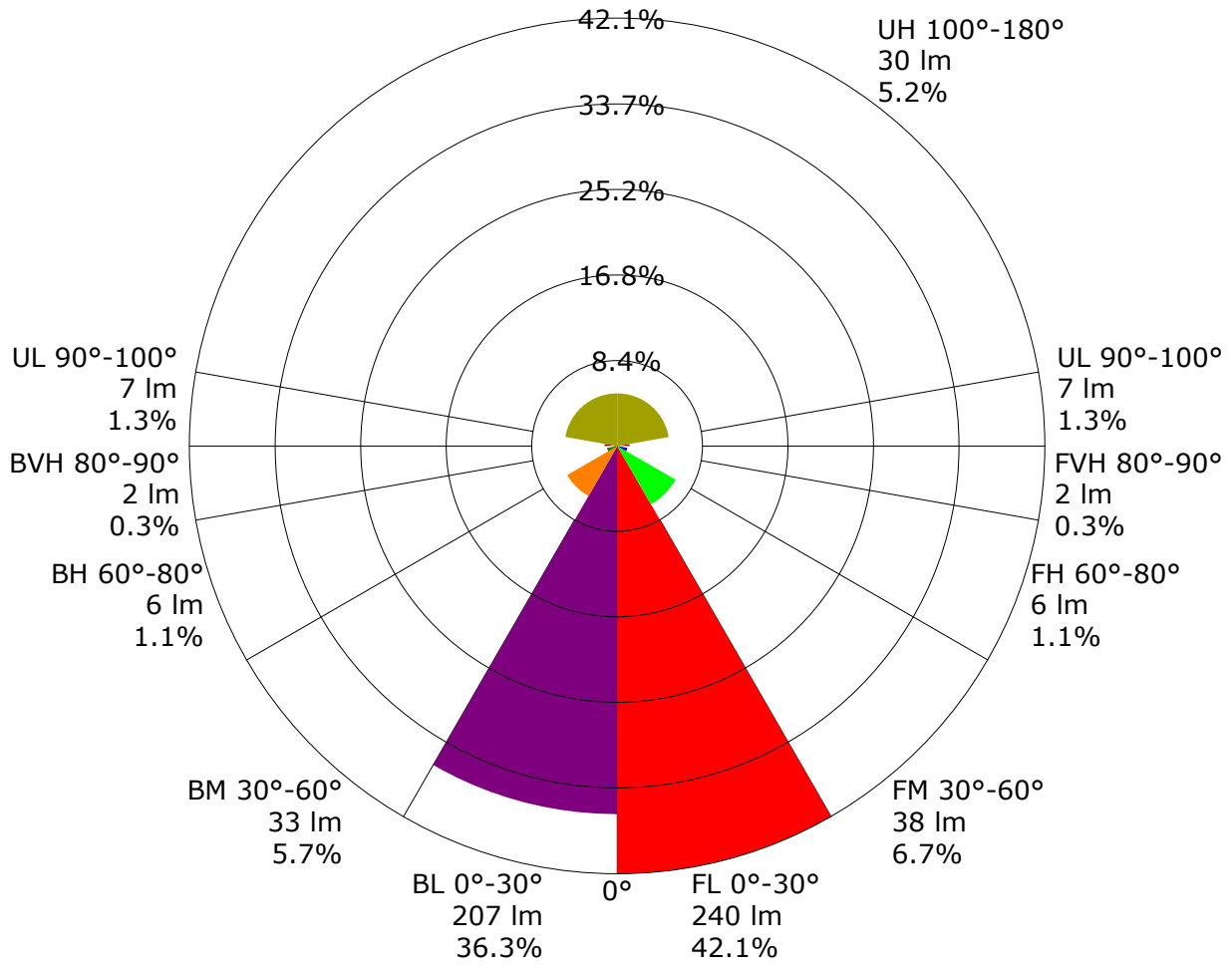
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	286	50.2
	FL (0°-30°)	240	42.1
	FM (30°-60°)	38	6.7
	FH (60°-80°)	6	1.1
	FVH (80°-90°)	2	0.3
	BACK LIGHT	247	43.4
	BL (0°-30°)	207	36.3
	BM (30°-60°)	33	5.7
	BH (60°-80°)	6	1.1
	BVH (80°-90°)	2	0.3
	UP LIGHT	37	6.5
	UL (90°-100°)	7	1.3
	UH (100°-180°)	30	5.2
	TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U2 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U2 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: 6.600 m
 Humidity:
 Inspector:

LCS Graph



Forward Light

Back Light

Scale= MAX LCS%

Trapped Light:NA,NA

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	0.86	0.91	0.95	0.98	1.01	1.04	1.05	1.08	1.09	
	0.30		0.82	0.87	0.91	0.94	0.98	1.01	1.03	1.05	1.07	
	0.20		0.79	0.84	0.88	0.91	0.95	0.98	1.00	1.03	1.05	
0.50	0.50	0.20	0.84	0.89	0.92	0.95	0.98	1.00	1.01	1.03	1.04	
	0.30		0.81	0.86	0.89	0.91	0.95	0.97	0.99	1.01	1.02	
	0.20		0.78	0.83	0.86	0.89	0.93	0.95	0.97	0.99	1.01	
0.30	0.50	0.20	0.83	0.87	0.90	0.91	0.94	0.96	0.97	0.98	0.99	
	0.30		0.80	0.84	0.87	0.89	0.92	0.94	0.95	0.97	0.98	
	0.20		0.77	0.82	0.85	0.87	0.90	0.92	0.94	0.96	0.97	
0.00	0.00	0.00	0.75	0.79	0.82	0.84	0.86	0.88	0.89	0.90	0.91	
<p>Rating:11W 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	0.53	0.43	0.37	0.32	0.26	0.21	0.18	0.14	0.12	
	0.30		0.44	0.37	0.32	0.28	0.23	0.19	0.17	0.13	0.11	
	0.20		0.38	0.32	0.29	0.25	0.21	0.18	0.16	0.12	0.10	
0.50	0.50	0.20	0.49	0.40	0.34	0.29	0.23	0.23	0.16	0.13	0.10	
	0.30		0.42	0.35	0.30	0.26	0.21	0.18	0.15	0.12	0.10	
	0.20		0.36	0.31	0.27	0.24	0.19	0.16	0.14	0.11	0.09	
0.30	0.50	0.20	0.46	0.36	0.31	0.26	0.21	0.17	0.14	0.11	0.09	
	0.30		0.39	0.32	0.27	0.24	0.19	0.16	0.14	0.11	0.09	
	0.20		0.34	0.29	0.25	0.22	0.18	0.15	0.13	0.10	0.08	
0.00	0.00	0.00	0.19	0.15	0.13	0.11	0.09	0.07	0.06	0.05	0.04	
<p>Rating:11W 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	0.19	0.21	0.22	0.23	0.24	0.25	0.26	0.26	0.27
	0.30		0.15	0.17	0.19	0.20	0.22	0.23	0.24	0.25	0.26
	0.20		0.13	0.14	0.16	0.17	0.19	0.21	0.22	0.23	0.24
0.50	0.50	0.20	0.18	0.20	0.21	0.22	0.23	0.24	0.25	0.25	0.26
	0.30		0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.25
	0.20		0.12	0.14	0.16	0.17	0.19	0.20	0.21	0.23	0.24
0.30	0.50	0.20	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.24	0.25
	0.30		0.15	0.16	0.18	0.19	0.20	0.21	0.22	0.23	0.24
	0.20		0.12	0.14	0.16	0.17	0.19	0.20	0.21	0.22	0.23
0.00	0.00	0.00	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.07
<p>Rating:11W 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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1162.4	1.1	1.1	0.20	0.20
1.0-2.0	1158.3	3.3	4.4	0.58	0.78
2.0-3.0	1149.2	5.5	9.9	0.96	1.74
3.0-4.0	1135.1	7.6	17.5	1.33	3.07
4.0-5.0	1116.4	9.6	27.1	1.68	4.76
5.0-6.0	1093.8	11.5	38.6	2.02	6.77
6.0-7.0	1067.7	13.3	51.9	2.32	9.10
7.0-8.0	1037.7	14.9	66.7	2.60	11.70
8.0-9.0	1004.7	16.3	83.0	2.86	14.56
9.0-10.0	969.6	17.5	100.6	3.08	17.64
10.0-11.0	931.9	18.6	119.2	3.27	20.90
11.0-12.0	891.5	19.5	138.7	3.42	24.32
12.0-13.0	850.1	20.2	158.9	3.54	27.86
13.0-14.0	807.8	20.7	179.5	3.63	31.48
14.0-15.0	763.4	21.0	200.5	3.68	35.16
15.0-16.0	718.1	21.0	221.6	3.69	38.85
16.0-17.0	672.9	21.0	242.5	3.67	42.52
17.0-18.0	627.3	20.7	263.2	3.63	46.15
18.0-19.0	581.6	20.2	283.4	3.55	49.70
19.0-20.0	537.1	19.7	303.1	3.45	53.15
20.0-21.0	493.4	18.9	322.0	3.32	56.47
21.0-22.0	450.6	18.1	340.2	3.18	59.65
22.0-23.0	409.1	17.2	357.3	3.01	62.66
23.0-24.0	369.1	16.1	373.5	2.83	65.49
24.0-25.0	331.0	15.1	388.5	2.64	68.13
25.0-26.0	294.5	13.9	402.4	2.44	70.57
26.0-27.0	259.8	12.7	415.1	2.23	72.79
27.0-28.0	228.7	11.6	426.7	2.03	74.82
28.0-29.0	200.7	10.5	437.2	1.84	76.67
29.0-30.0	175.8	9.5	446.7	1.66	78.33
30.0-31.0	152.4	8.5	455.2	1.49	79.82
31.0-32.0	129.8	7.4	462.6	1.30	81.12
32.0-33.0	110.3	6.5	469.1	1.14	82.26
33.0-34.0	91.8	5.6	474.7	0.97	83.24
34.0-35.0	75.3	4.7	479.4	0.82	84.06
35.0-36.0	63.7	4.1	483.4	0.71	84.77

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: 6.600 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	54.8	3.6	487.0	0.63	85.40
37.0-38.0	46.7	3.1	490.1	0.55	85.94
38.0-39.0	39.7	2.7	492.8	0.47	86.42
39.0-40.0	32.3	2.3	495.1	0.39	86.81
40.0-41.0	25.4	1.8	496.9	0.32	87.13
41.0-42.0	21.5	1.6	498.4	0.27	87.40
42.0-43.0	19.5	1.4	499.9	0.25	87.66
43.0-44.0	18.4	1.4	501.3	0.24	87.90
44.0-45.0	17.8	1.4	502.7	0.24	88.14
45.0-46.0	16.5	1.3	503.9	0.23	88.37
46.0-47.0	14.8	1.2	505.1	0.21	88.57
47.0-48.0	13.8	1.1	506.2	0.20	88.77
48.0-49.0	13.1	1.1	507.3	0.19	88.96
49.0-50.0	12.8	1.1	508.4	0.19	89.14
50.0-51.0	12.4	1.0	509.4	0.18	89.33
51.0-52.0	11.7	1.0	510.4	0.18	89.50
52.0-53.0	11.1	1.0	511.4	0.17	89.67
53.0-54.0	10.7	0.9	512.3	0.16	89.84
54.0-55.0	10.2	0.9	513.2	0.16	90.00
55.0-56.0	9.9	0.9	514.1	0.16	90.16
56.0-57.0	9.6	0.9	515.0	0.15	90.31
57.0-58.0	9.3	0.9	515.9	0.15	90.46
58.0-59.0	9.0	0.8	516.7	0.15	90.61
59.0-60.0	8.7	0.8	517.6	0.14	90.75
60.0-61.0	8.5	0.8	518.4	0.14	90.90
61.0-62.0	8.3	0.8	519.2	0.14	91.04
62.0-63.0	8.2	0.8	520.0	0.14	91.18
63.0-64.0	7.9	0.8	520.7	0.14	91.31
64.0-65.0	7.6	0.8	521.5	0.13	91.44
65.0-66.0	7.5	0.7	522.2	0.13	91.58
66.0-67.0	7.2	0.7	523.0	0.13	91.70
67.0-68.0	6.7	0.7	523.6	0.12	91.82
68.0-69.0	6.3	0.6	524.3	0.11	91.93
69.0-70.0	5.9	0.6	524.9	0.11	92.04
70.0-71.0	5.6	0.6	525.5	0.10	92.14
71.0-72.0	5.3	0.6	526.0	0.10	92.24

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: 6.600 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	4.9	0.5	526.5	0.09	92.33
73.0-74.0	4.6	0.5	527.0	0.08	92.41
74.0-75.0	4.4	0.5	527.5	0.08	92.49
75.0-76.0	4.1	0.4	527.9	0.08	92.57
76.0-77.0	4.3	0.5	528.4	0.08	92.65
77.0-78.0	4.8	0.5	528.9	0.09	92.74
78.0-79.0	4.4	0.5	529.4	0.08	92.82
79.0-80.0	3.5	0.4	529.7	0.07	92.89
80.0-81.0	3.0	0.3	530.0	0.06	92.94
81.0-82.0	2.7	0.3	530.3	0.05	93.00
82.0-83.0	2.5	0.3	530.6	0.05	93.04
83.0-84.0	2.2	0.2	530.9	0.04	93.09
84.0-85.0	1.9	0.2	531.1	0.04	93.12
85.0-86.0	2.0	0.2	531.3	0.04	93.16
86.0-87.0	3.2	0.4	531.6	0.06	93.22
87.0-88.0	4.8	0.5	532.2	0.09	93.32
88.0-89.0	5.6	0.6	532.8	0.11	93.42
89.0-90.0	6.1	0.7	533.4	0.12	93.54
90.0-91.0	6.5	0.7	534.2	0.12	93.66
91.0-92.0	6.9	0.8	534.9	0.13	93.80
92.0-93.0	7.2	0.8	535.7	0.14	93.93
93.0-94.0	7.2	0.8	536.5	0.14	94.07
94.0-95.0	7.0	0.8	537.2	0.13	94.21
95.0-96.0	6.6	0.7	538.0	0.13	94.33
96.0-97.0	6.3	0.7	538.7	0.12	94.45
97.0-98.0	6.2	0.7	539.3	0.12	94.57
98.0-99.0	6.2	0.7	540.0	0.12	94.69
99.0-100.0	6.3	0.7	540.7	0.12	94.81
100.0-101.0	6.3	0.7	541.4	0.12	94.93
101.0-102.0	6.4	0.7	542.0	0.12	95.05
102.0-103.0	6.5	0.7	542.7	0.12	95.17
103.0-104.0	6.7	0.7	543.5	0.12	95.30
104.0-105.0	6.8	0.7	544.2	0.13	95.42
105.0-106.0	6.7	0.7	544.9	0.12	95.55
106.0-107.0	6.6	0.7	545.6	0.12	95.67
107.0-108.0	6.5	0.7	546.2	0.12	95.79

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: 6.600 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	6.3	0.7	546.9	0.12	95.90
109.0-110.0	6.2	0.6	547.5	0.11	96.01
110.0-111.0	6.0	0.6	548.2	0.11	96.12
111.0-112.0	5.9	0.6	548.8	0.11	96.23
112.0-113.0	5.8	0.6	549.4	0.10	96.33
113.0-114.0	5.6	0.6	549.9	0.10	96.43
114.0-115.0	5.5	0.5	550.5	0.10	96.52
115.0-116.0	5.4	0.5	551.0	0.09	96.62
116.0-117.0	5.3	0.5	551.5	0.09	96.71
117.0-118.0	5.2	0.5	552.0	0.09	96.80
118.0-119.0	5.1	0.5	552.5	0.09	96.88
119.0-120.0	5.1	0.5	553.0	0.08	96.97
120.0-121.0	5.0	0.5	553.5	0.08	97.05
121.0-122.0	4.9	0.5	553.9	0.08	97.13
122.0-123.0	4.9	0.5	554.4	0.08	97.21
123.0-124.0	4.9	0.4	554.8	0.08	97.29
124.0-125.0	4.9	0.4	555.3	0.08	97.37
125.0-126.0	4.9	0.4	555.7	0.08	97.45
126.0-127.0	4.9	0.4	556.1	0.08	97.52
127.0-128.0	4.9	0.4	556.6	0.07	97.60
128.0-129.0	4.9	0.4	557.0	0.07	97.67
129.0-130.0	5.0	0.4	557.4	0.07	97.74
130.0-131.0	5.0	0.4	557.8	0.07	97.82
131.0-132.0	5.0	0.4	558.2	0.07	97.89
132.0-133.0	5.0	0.4	558.6	0.07	97.96
133.0-134.0	5.0	0.4	559.0	0.07	98.03
134.0-135.0	5.1	0.4	559.4	0.07	98.10
135.0-136.0	5.1	0.4	559.8	0.07	98.17
136.0-137.0	5.2	0.4	560.2	0.07	98.24
137.0-138.0	5.4	0.4	560.6	0.07	98.31
138.0-139.0	5.5	0.4	561.0	0.07	98.38
139.0-140.0	5.6	0.4	561.4	0.07	98.45
140.0-141.0	5.8	0.4	561.8	0.07	98.52
141.0-142.0	5.9	0.4	562.2	0.07	98.59
142.0-143.0	6.0	0.4	562.6	0.07	98.66
143.0-144.0	6.1	0.4	563.0	0.07	98.73

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: 6.600 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	6.2	0.4	563.4	0.07	98.80
145.0-146.0	6.3	0.4	563.8	0.07	98.87
146.0-147.0	6.3	0.4	564.2	0.07	98.93
147.0-148.0	6.3	0.4	564.6	0.06	99.00
148.0-149.0	6.3	0.4	564.9	0.06	99.06
149.0-150.0	6.5	0.4	565.3	0.06	99.12
150.0-151.0	6.5	0.4	565.6	0.06	99.19
151.0-152.0	6.6	0.3	566.0	0.06	99.25
152.0-153.0	6.8	0.3	566.3	0.06	99.31
153.0-154.0	6.8	0.3	566.7	0.06	99.37
154.0-155.0	6.8	0.3	567.0	0.06	99.42
155.0-156.0	6.7	0.3	567.3	0.05	99.48
156.0-157.0	6.7	0.3	567.6	0.05	99.53
157.0-158.0	6.6	0.3	567.9	0.05	99.57
158.0-159.0	6.4	0.3	568.1	0.05	99.62
159.0-160.0	6.3	0.2	568.4	0.04	99.66
160.0-161.0	6.2	0.2	568.6	0.04	99.70
161.0-162.0	6.0	0.2	568.8	0.04	99.74
162.0-163.0	5.7	0.2	569.0	0.03	99.77
163.0-164.0	5.4	0.2	569.1	0.03	99.80
164.0-165.0	5.2	0.2	569.3	0.03	99.83
165.0-166.0	5.0	0.1	569.4	0.02	99.85
166.0-167.0	4.9	0.1	569.6	0.02	99.87
167.0-168.0	4.8	0.1	569.7	0.02	99.89
168.0-169.0	4.7	0.1	569.8	0.02	99.91
169.0-170.0	4.5	0.1	569.9	0.02	99.93
170.0-171.0	4.4	0.1	570.0	0.01	99.94
171.0-172.0	4.4	0.1	570.0	0.01	99.95
172.0-173.0	4.3	0.1	570.1	0.01	99.96
173.0-174.0	4.3	0.1	570.1	0.01	99.97
174.0-175.0	4.3	0.0	570.2	0.01	99.98
175.0-176.0	4.2	0.0	570.2	0.01	99.99
176.0-177.0	4.2	0.0	570.2	0.00	99.99
177.0-178.0	4.2	0.0	570.3	0.00	100.00
178.0-179.0	4.2	0.0	570.3	0.00	100.00
179.0-180.0	4.2	0.0	570.3	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: 6.600 m
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	1169.8	1156.2	1169.8	1156.2	1169.8					
G1.0	1205.8	1165.0	1133.2	1143.4	1205.8					
G2.0	1235.7	1168.6	1089.3	1125.4	1235.7					
G3.0	1261.1	1167.5	1043.4	1102.5	1261.1					
G4.0	1280.1	1161.1	991.8	1073.2	1280.1					
G5.0	1293.4	1149.9	940.1	1041.6	1293.4					
G6.0	1299.7	1132.6	886.6	1006.7	1299.7					
G7.0	1302.1	1112.0	834.2	967.6	1302.1					
G8.0	1298.2	1085.3	776.7	925.7	1298.2					
G9.0	1288.6	1056.1	724.2	883.2	1288.6					
G10.0	1273.5	1021.0	675.2	834.9	1273.5					
G11.0	1252.8	984.3	625.4	788.1	1252.8					
G12.0	1226.2	942.5	577.7	735.0	1226.2					
G13.0	1197.1	901.5	531.3	689.8	1197.1					
G14.0	1160.6	854.8	485.9	641.6	1160.6					
G15.0	1123.7	806.3	439.2	594.9	1123.7					
G16.0	1082.3	759.3	389.9	549.6	1082.3					
G17.0	1040.3	710.5	345.3	506.0	1040.3					
G18.0	995.6	658.9	298.2	463.8	995.6					
G19.0	947.2	612.0	255.5	421.8	947.2					
G20.0	899.5	566.0	216.0	378.9	899.5					
G21.0	849.3	520.8	179.4	337.5	849.3					
G22.0	799.2	473.0	147.1	298.6	799.2					
G23.0	747.9	425.2	120.2	261.4	747.9					
G24.0	694.7	380.2	96.9	226.5	694.7					
G25.0	642.8	334.6	78.6	194.1	642.8					
G26.0	591.5	291.0	59.6	163.7	591.5					
G27.0	544.5	251.9	40.5	135.8	544.5					
G28.0	498.1	214.2	31.6	112.7	498.1					
G29.0	451.8	181.1	26.2	90.3	451.8					
G30.0	407.9	151.9	25.6	72.0	407.9					
G31.0	363.8	125.3	25.1	47.9	363.8					
G32.0	317.3	102.4	22.4	34.0	317.3					
G33.0	277.8	82.5	18.9	27.2	277.8					
G34.0	236.6	50.9	17.1	23.4	236.6					
G35.0	198.4	35.8	16.7	23.5	198.4					
G36.0	165.4	29.1	17.3	23.6	165.4					

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: 6.600 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	135.7	26.6	17.4	22.9	135.7					
G38.0	111.0	27.5	15.3	17.5	111.0					
G39.0	89.7	26.1	14.6	15.6	89.7					
G40.0	56.0	27.4	14.2	14.8	56.0					
G41.0	41.2	21.3	13.6	14.8	41.2					
G42.0	34.4	18.7	13.2	15.1	34.4					
G43.0	30.7	17.2	13.0	13.8	30.7					
G44.0	30.0	16.9	12.6	12.9	30.0					
G45.0	29.2	15.9	12.2	12.8	29.2					
G46.0	22.9	14.7	11.8	12.3	22.9					
G47.0	19.7	14.1	11.4	11.6	19.7					
G48.0	18.1	13.1	11.2	11.1	18.1					
G49.0	17.5	12.3	11.1	10.8	17.5					
G50.0	17.6	11.7	10.9	10.5	17.6					
G51.0	16.5	11.1	10.6	10.0	16.5					
G52.0	15.0	10.6	10.3	9.4	15.0					
G53.0	14.5	10.0	10.1	9.0	14.5					
G54.0	13.8	9.4	9.9	8.6	13.8					
G55.0	13.3	8.9	9.8	8.3	13.3					
G56.0	12.9	8.4	9.7	8.0	12.9					
G57.0	12.6	8.1	9.5	7.8	12.6					
G58.0	12.3	7.6	9.3	7.4	12.3					
G59.0	11.9	7.0	9.3	7.2	11.9					
G60.0	11.6	6.5	9.3	7.0	11.6					
G61.0	11.2	6.4	9.1	6.7	11.2					
G62.0	11.1	6.3	9.0	6.6	11.1					
G63.0	11.1	6.0	8.8	6.4	11.1					
G64.0	10.9	5.7	8.7	5.8	10.9					
G65.0	10.6	5.4	8.7	5.5	10.6					
G66.0	10.2	5.7	8.6	5.3	10.2					
G67.0	10.1	5.2	7.2	5.1	10.1					
G68.0	9.8	4.9	6.0	4.9	9.8					
G69.0	9.5	4.7	5.6	4.7	9.5					
G70.0	8.3	4.5	5.5	4.6	8.3					
G71.0	7.7	4.4	5.3	4.5	7.7					
G72.0	7.3	4.1	5.2	4.3	7.3					
G73.0	6.9	4.1	5.0	2.6	6.9					

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: 6.600 m
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	7.5	3.9	4.9	1.8	7.5					
G75.0	8.3	2.2	4.9	1.4	8.3					
G76.0	8.5	1.4	4.8	1.2	8.5					
G77.0	8.5	1.2	7.9	1.2	8.5					
G78.0	8.4	1.2	8.8	1.1	8.4					
G79.0	7.2	1.1	6.0	1.0	7.2					
G80.0	5.7	1.0	4.6	1.0	5.7					
G81.0	5.2	0.9	4.3	1.0	5.2					
G82.0	4.7	0.9	4.0	0.9	4.7					
G83.0	4.3	0.8	3.5	0.9	4.3					
G84.0	3.8	0.8	2.8	0.8	3.8					
G85.0	3.2	0.7	1.9	1.5	3.2					
G86.0	2.7	0.7	2.6	2.9	2.7					
G87.0	5.4	1.3	6.6	3.9	5.4					
G88.0	6.0	4.1	6.9	4.0	6.0					
G89.0	6.3	5.7	7.3	4.1	6.3					
G90.0	6.9	6.0	7.9	4.2	6.9					
G91.0	7.7	6.2	8.7	4.2	7.7					
G92.0	8.3	6.4	9.4	4.3	8.3					
G93.0	8.4	6.5	9.8	4.3	8.4					
G94.0	8.2	6.7	9.4	4.4	8.2					
G95.0	7.7	6.8	8.4	4.4	7.7					
G96.0	7.0	6.8	7.3	4.4	7.0					
G97.0	6.7	6.9	6.7	4.4	6.7					
G98.0	6.8	6.9	6.6	4.4	6.8					
G99.0	7.1	6.9	6.4	4.5	7.1					
G100.0	7.4	6.9	6.3	4.6	7.4					
G101.0	7.8	6.9	6.2	4.5	7.8					
G102.0	8.4	6.9	6.0	4.5	8.4					
G103.0	9.0	6.9	6.1	4.5	9.0					
G104.0	9.4	6.8	6.4	4.5	9.4					
G105.0	9.4	6.7	6.5	4.4	9.4					
G106.0	9.3	6.6	6.3	4.4	9.3					
G107.0	9.2	6.5	6.1	4.4	9.2					
G108.0	9.0	6.4	5.8	4.3	9.0					
G109.0	8.8	6.2	5.6	4.3	8.8					
G110.0	8.6	6.1	5.5	4.3	8.6					

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: 6.600 m

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	8.3	6.0	5.3	4.2	8.3					
G112.0	8.1	5.8	5.3	4.2	8.1					
G113.0	7.8	5.7	5.2	4.1	7.8					
G114.0	7.5	5.6	5.1	4.1	7.5					
G115.0	7.3	5.5	5.1	4.0	7.3					
G116.0	7.0	5.3	5.1	4.0	7.0					
G117.0	6.7	5.2	5.1	4.0	6.7					
G118.0	6.4	5.0	5.2	4.0	6.4					
G119.0	6.2	4.9	5.2	4.0	6.2					
G120.0	6.0	4.9	5.3	4.0	6.0					
G121.0	5.8	4.8	5.3	4.0	5.8					
G122.0	5.6	4.8	5.2	4.1	5.6					
G123.0	5.5	4.8	5.2	4.1	5.5					
G124.0	5.4	4.8	5.2	4.2	5.4					
G125.0	5.3	4.9	5.1	4.3	5.3					
G126.0	5.2	4.9	5.1	4.3	5.2					
G127.0	5.2	5.0	5.0	4.4	5.2					
G128.0	5.2	5.0	4.9	4.6	5.2					
G129.0	5.2	5.1	4.9	4.6	5.2					
G130.0	5.2	5.2	4.7	4.8	5.2					
G131.0	5.2	5.3	4.5	4.9	5.2					
G132.0	5.3	5.4	4.2	5.0	5.3					
G133.0	5.4	5.5	4.0	5.2	5.4					
G134.0	5.5	5.6	3.8	5.3	5.5					
G135.0	5.5	5.7	3.8	5.4	5.5					
G136.0	5.6	5.8	3.8	5.6	5.6					
G137.0	5.7	5.9	3.8	5.7	5.7					
G138.0	5.8	6.0	4.0	5.8	5.8					
G139.0	5.9	6.2	4.2	6.0	5.9					
G140.0	6.1	6.3	4.4	6.1	6.1					
G141.0	6.2	6.4	4.7	6.2	6.2					
G142.0	6.3	6.6	4.8	6.2	6.3					
G143.0	6.4	6.7	4.9	6.2	6.4					
G144.0	6.5	6.9	5.1	6.2	6.5					
G145.0	6.7	7.0	5.3	6.2	6.7					
G146.0	6.8	7.2	5.6	5.8	6.8					
G147.0	7.0	7.3	5.9	5.0	7.0					

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: 6.600 m
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	7.2	7.5	6.2	4.0	7.2					
G149.0	7.4	7.8	6.6	4.0	7.4					
G150.0	7.3	7.9	6.7	4.1	7.3					
G151.0	7.3	8.0	6.8	4.1	7.3					
G152.0	7.2	8.2	7.1	4.2	7.2					
G153.0	7.1	8.3	7.7	4.2	7.1					
G154.0	7.1	8.4	7.5	4.3	7.1					
G155.0	7.0	8.5	7.3	4.3	7.0					
G156.0	6.9	8.6	7.0	4.3	6.9					
G157.0	6.8	8.6	6.8	4.4	6.8					
G158.0	6.6	8.5	6.5	4.4	6.6					
G159.0	6.5	8.3	6.1	4.4	6.5					
G160.0	6.3	8.1	6.1	4.5	6.3					
G161.0	6.0	7.9	5.9	4.5	6.0					
G162.0	5.7	7.7	5.6	4.4	5.7					
G163.0	5.1	7.5	5.2	4.4	5.1					
G164.0	4.6	7.3	4.7	4.4	4.6					
G165.0	4.6	7.0	4.2	4.4	4.6					
G166.0	4.6	6.8	4.2	4.4	4.6					
G167.0	4.6	6.4	4.1	4.4	4.6					
G168.0	4.6	6.0	4.1	4.4	4.6					
G169.0	4.6	5.6	4.1	4.3	4.6					
G170.0	4.6	4.7	4.0	4.3	4.6					
G171.0	4.6	4.6	4.0	4.3	4.6					
G172.0	4.5	4.6	4.0	4.3	4.5					
G173.0	4.5	4.5	4.0	4.3	4.5					
G174.0	4.4	4.5	4.0	4.3	4.4					
G175.0	4.4	4.4	4.0	4.3	4.4					
G176.0	4.3	4.4	4.0	4.3	4.3					
G177.0	4.3	4.4	4.0	4.3	4.3					
G178.0	4.2	4.3	4.1	4.3	4.2					
G179.0	4.2	4.3	4.1	4.3	4.2					
G180.0	4.2	4.3	4.1	4.3	4.2					

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: 6.600 m
 Humidity:
 Inspector: