

Report No.:

Test Time: 2022-07-14 10:03

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: VAP2301BL

Current: 0.090 A

Power Factor: 0.988

Voltage: 120.1 V

Power: 10.72 W

Photometric Results

CIE Class: Semi-Direct

Measurement Flux: 640.7 lm

Downward Ratio: 85%

Horizontal Diffuse Angle(50%): H30.1

Vertical Diffuse Angle(50%): V28.5

Luminaire Efficacy Rating (LER): 59.82

Max. Intensity: 1719.46 cd

S/MH(C0/C180): 0.67

Total Rated Lamp Lumens: 640.7 lm

Efficiency: 100%

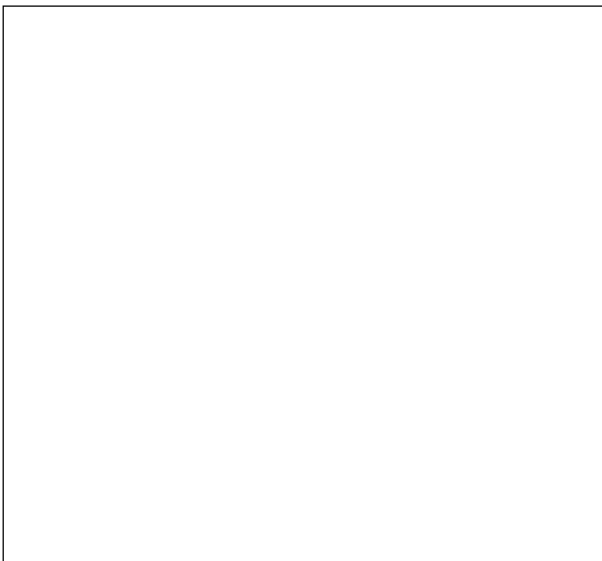
Upward Ratio: 15%

Central Intensity: 1188.57 cd

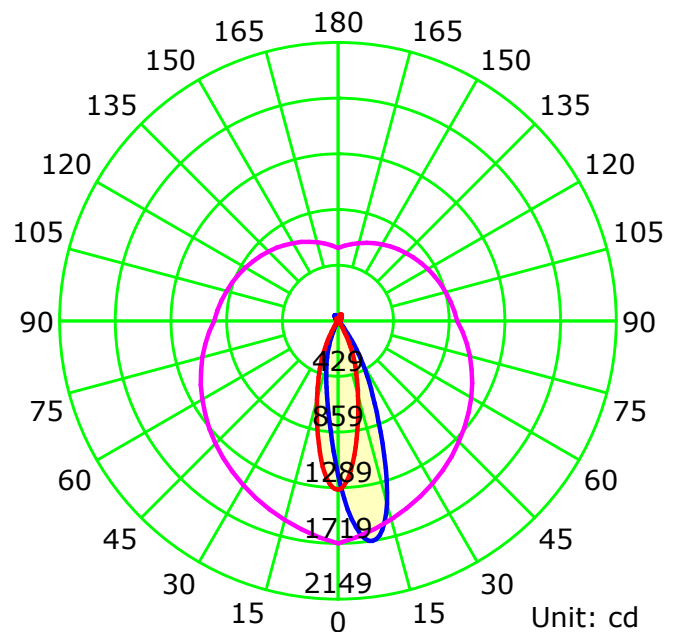
Pos of Max. Intensity: H0 V9

S/MH(C90/C270): 0.47

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 27.1°

— C0-C180 — C90-C270 — G9

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

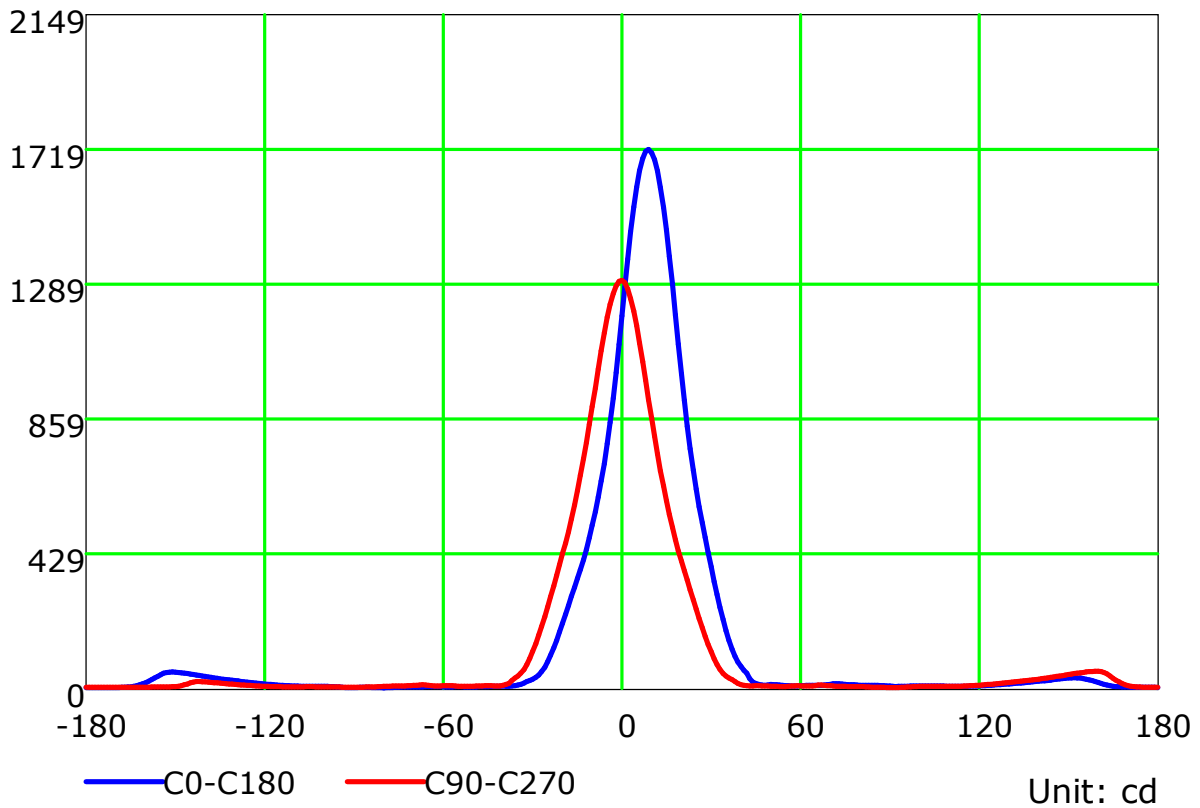
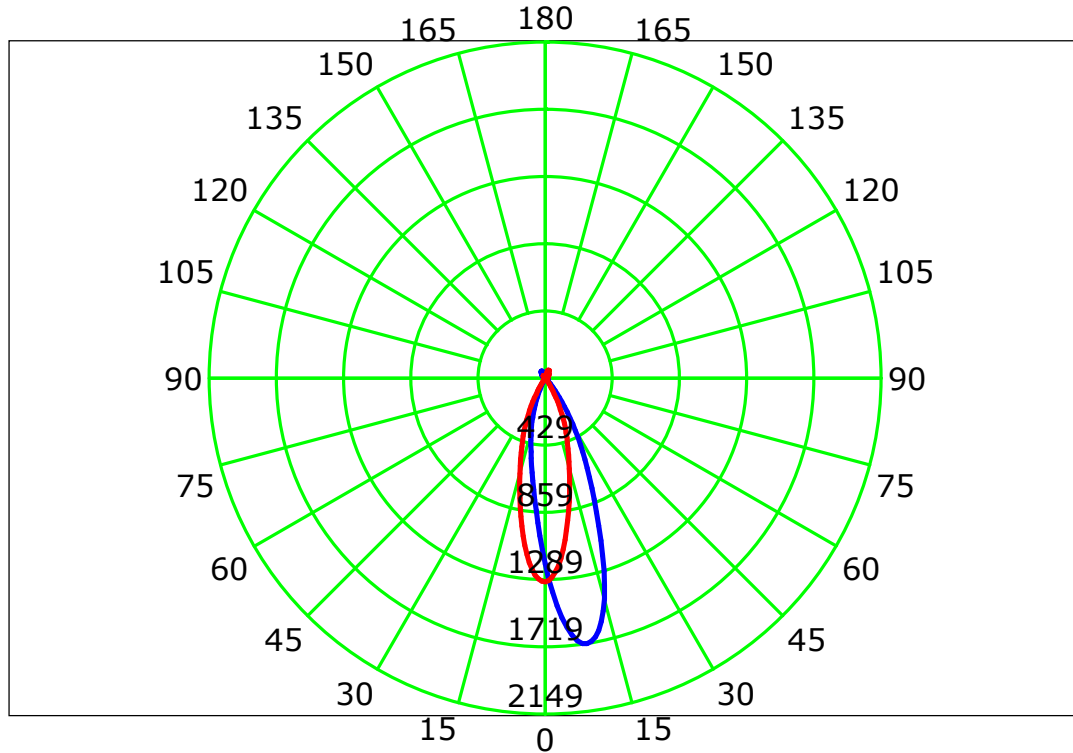
Test Device: GPM-1600

Distance: 6.600 m

Humidity:

Inspector:

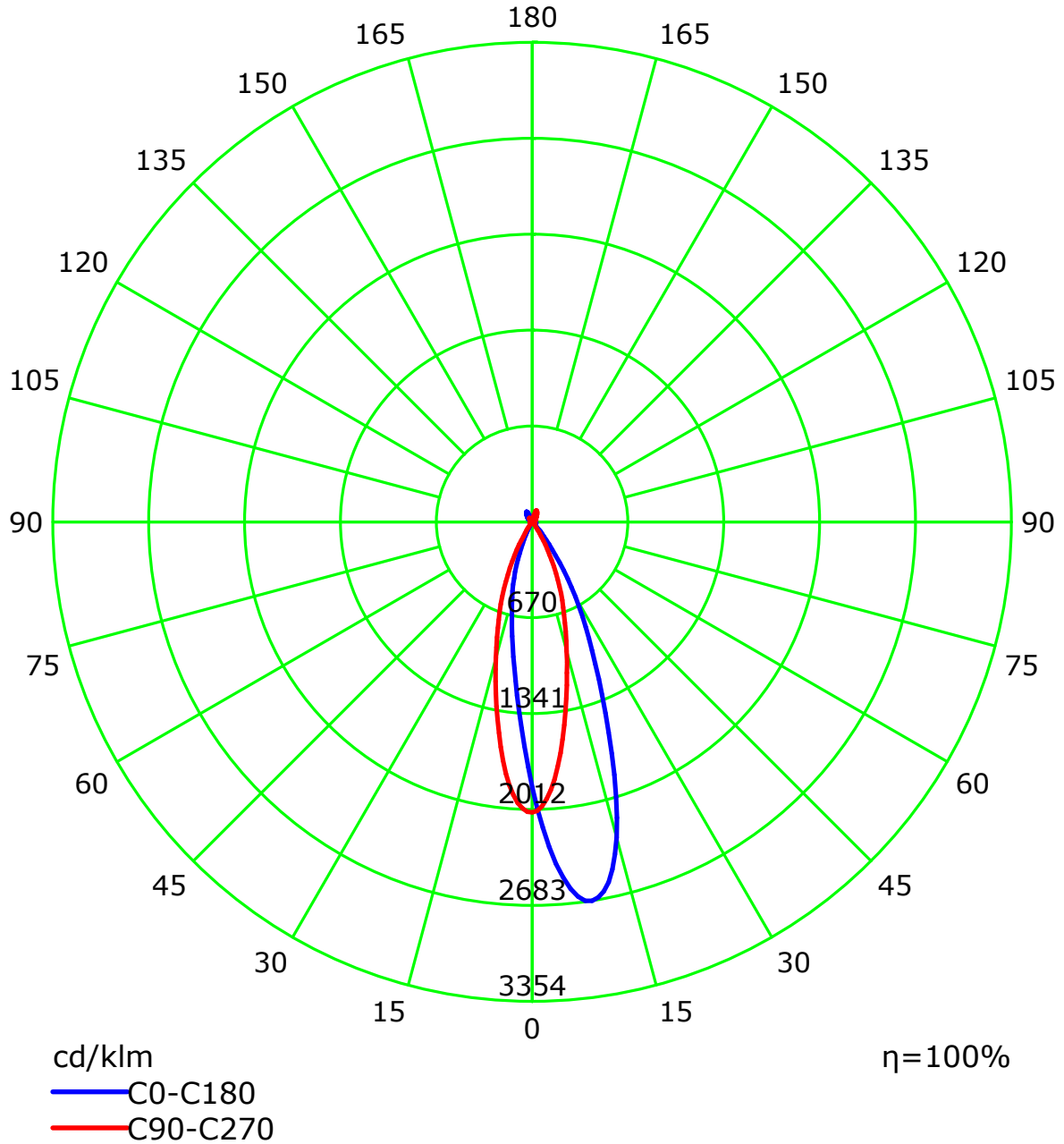
Luminous Intensity Distribution Curve



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:

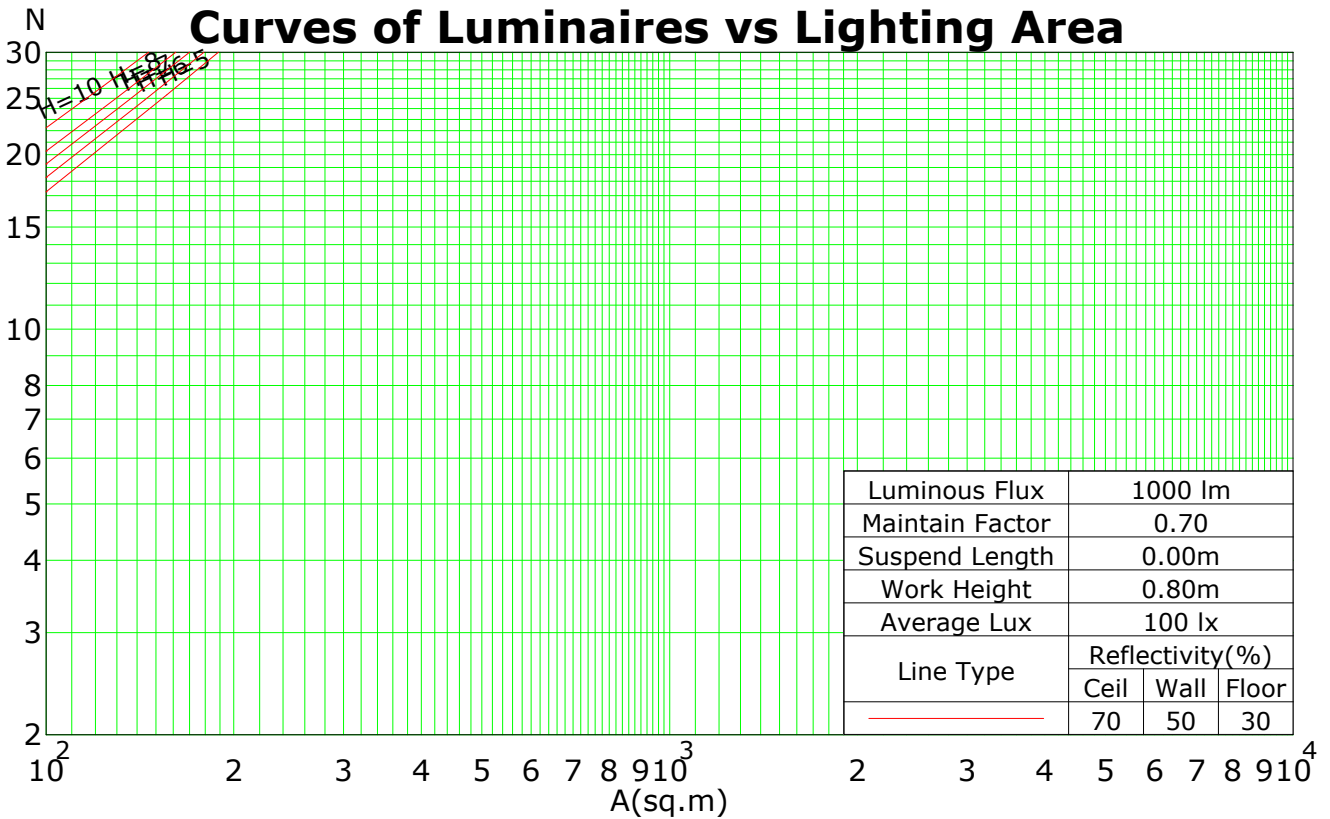
Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 6.600 m
 Humidity:
 Inspector:

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	116	116	116	116	111	111	111	111	103	103	103	95	95	95	89	89	89	85
1	109	106	104	101	105	103	100	98	96	94	93	90	89	87	84	83	82	79
2	104	99	95	91	100	96	92	89	90	87	85	85	83	81	80	79	77	75
3	99	92	87	83	96	90	85	82	85	82	79	81	78	76	77	75	73	71
4	94	87	81	77	91	85	80	76	81	77	74	77	74	71	74	71	69	67
5	90	82	76	72	87	80	75	71	77	72	69	73	70	67	70	68	65	64
6	86	77	72	68	84	76	71	67	73	69	65	70	67	64	68	65	62	61
7	82	74	68	64	80	72	67	63	70	65	62	67	63	61	65	62	59	58
8	79	70	64	61	77	69	64	60	67	62	59	64	61	58	62	59	57	55
9	76	67	61	58	74	66	61	57	64	59	56	62	58	55	60	57	54	53
10	73	64	59	55	71	63	58	55	61	57	54	60	56	53	58	55	52	51

Spacing Criteria (0-180): 0.67
 Spacing Criteria (90-270): 0.47
 Spacing Criteria (Diagonal): 0.60

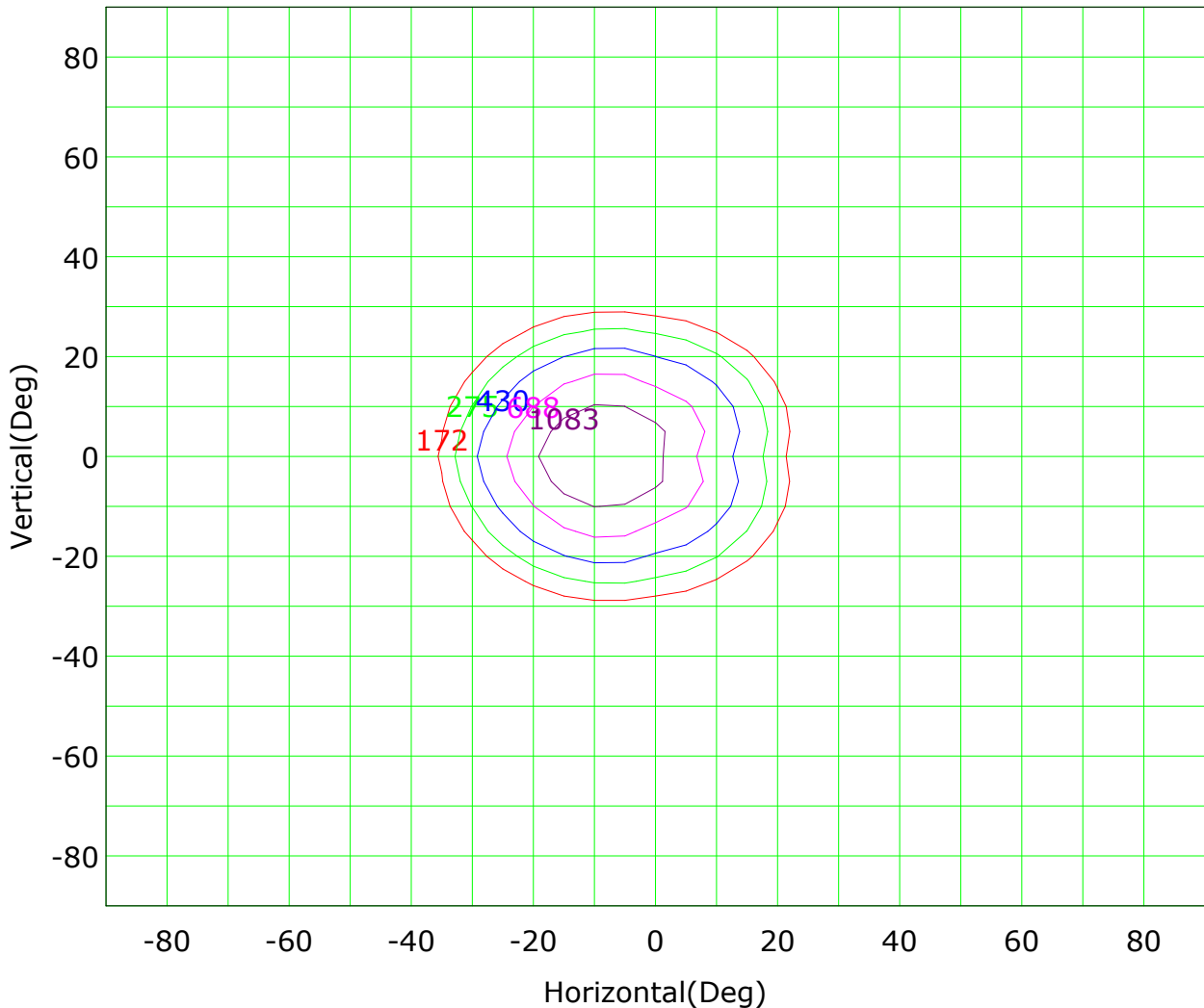
Curves of Luminaires vs Lighting Area



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%): 1719 cd

— (10%): 172 cd	— (16%): 275 cd
— (25%): 430 cd	— (40%): 688 cd
— (63%): 1083 cd	— (100%): 1719 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

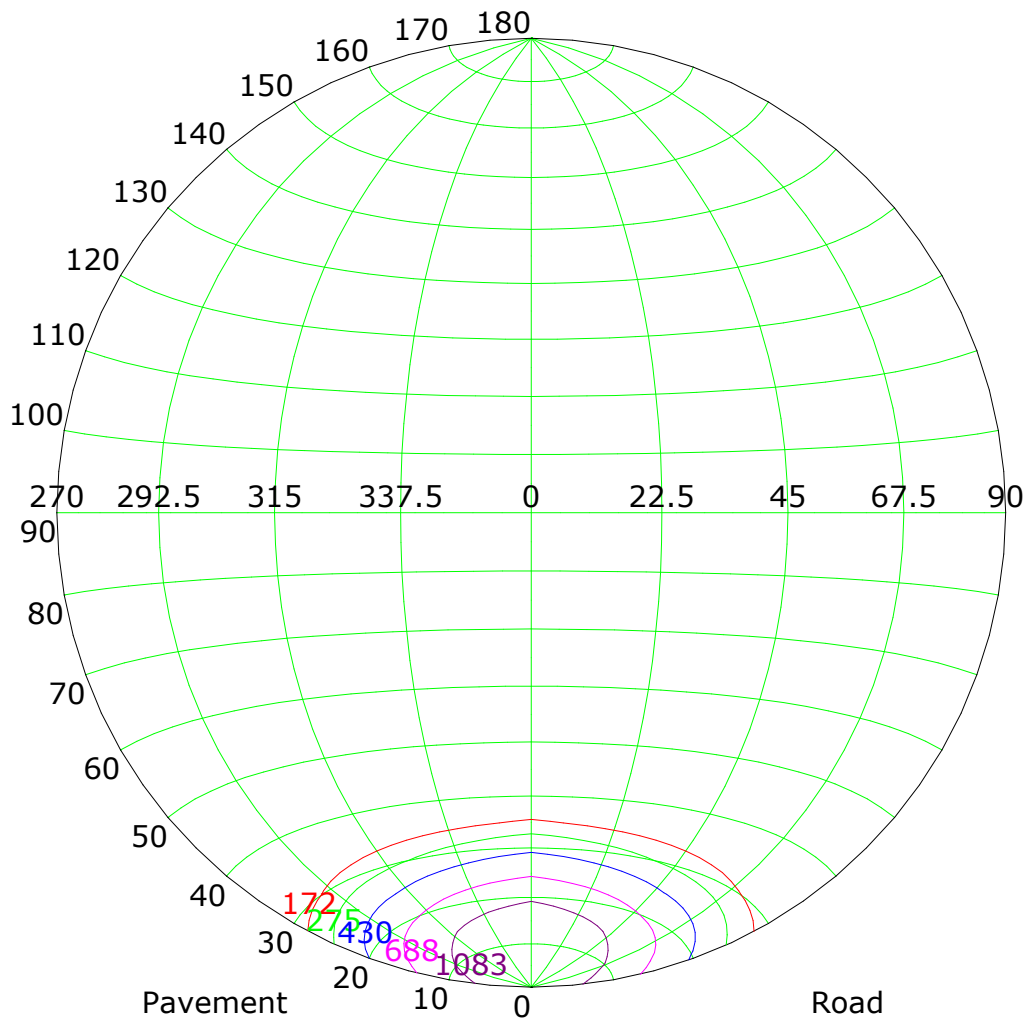
Test Device: GPM-1600

Distance: 6.600 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 1719 cd

— (10%): 172 cd	— (16%): 275 cd
— (25%): 430 cd	— (40%): 688 cd
— (63%): 1083 cd	— (100%): 1719 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

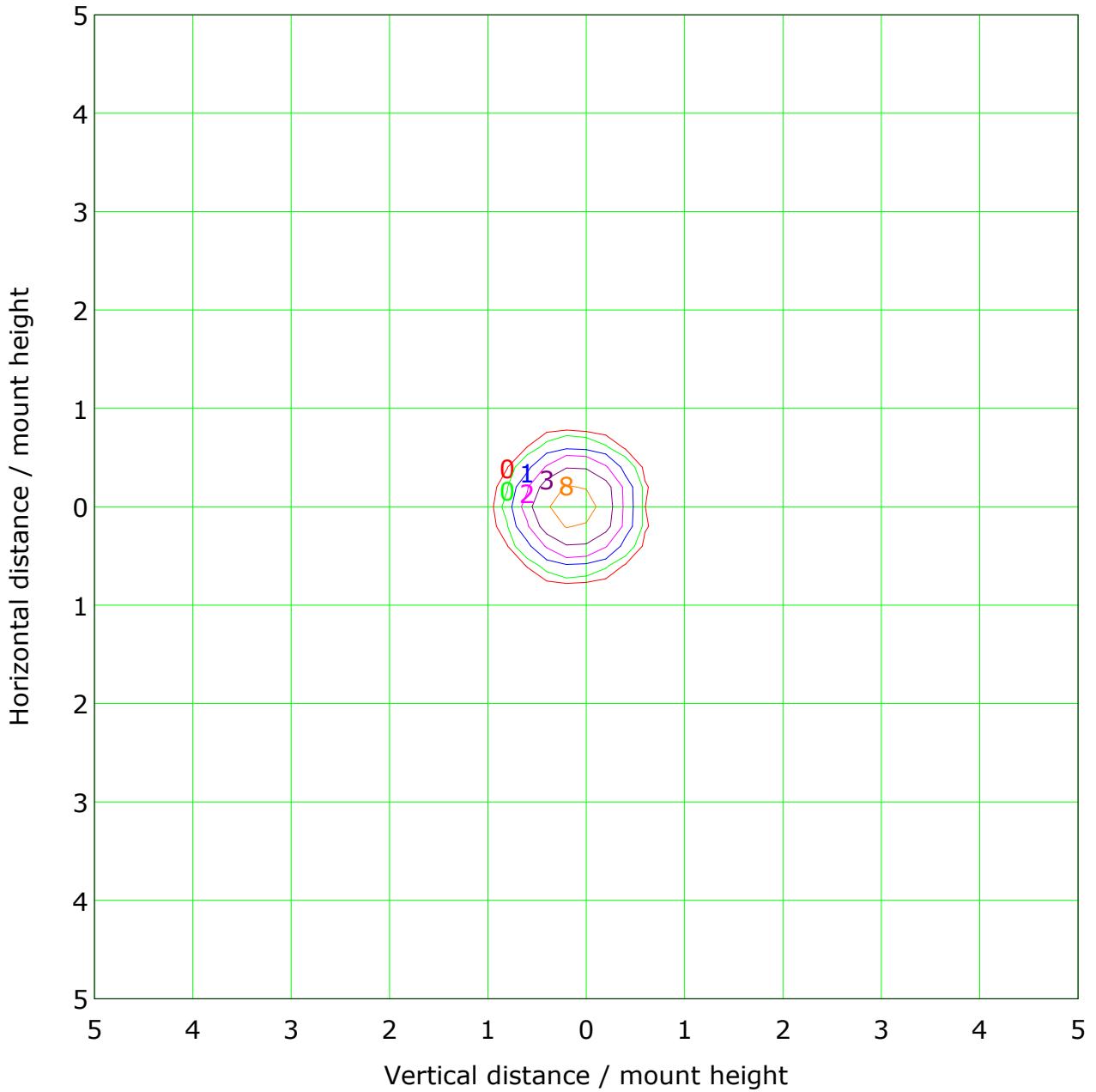
Test Device: GPM-1600

Distance: 6.600 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 16.6 lx	
<ul style="list-style-type: none"> — (1%): 0.2 lx — (5%): 0.8 lx — (20%): 3.3 lx — (100%): 16.6 lx 	<ul style="list-style-type: none"> — (2%): 0.3 lx — (10%): 1.7 lx — (50%): 8.3 lx 		

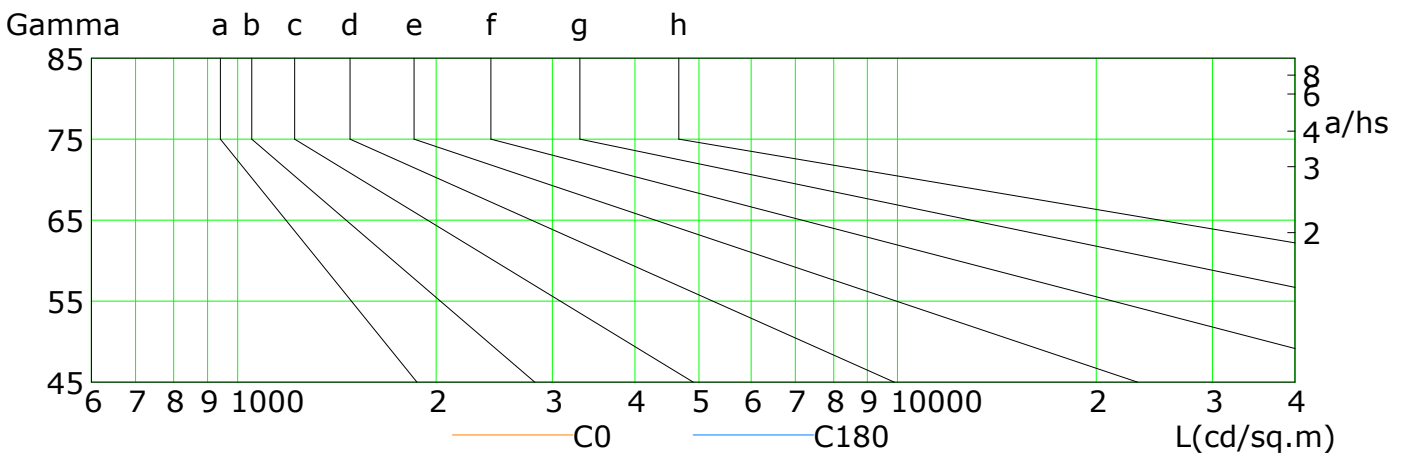
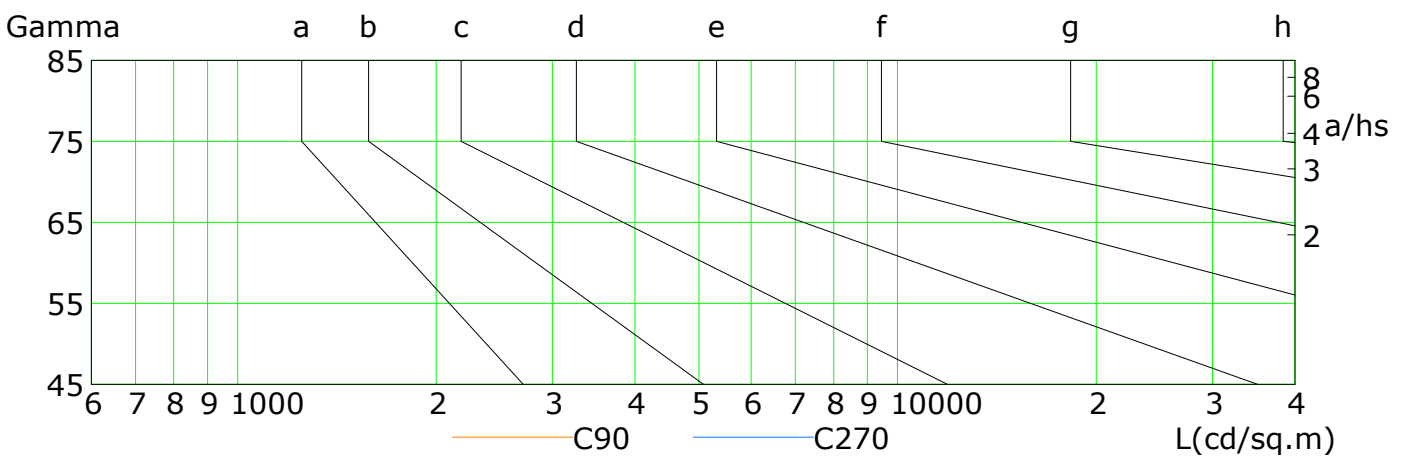
C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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	17	13	10	9	11	14	14	11	11
C90	10	8	7	9	10	9	7	6	5
C180	7	6	6	6	7	6	5	3	4
C270	9	8	8	10	11	11	9	8	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

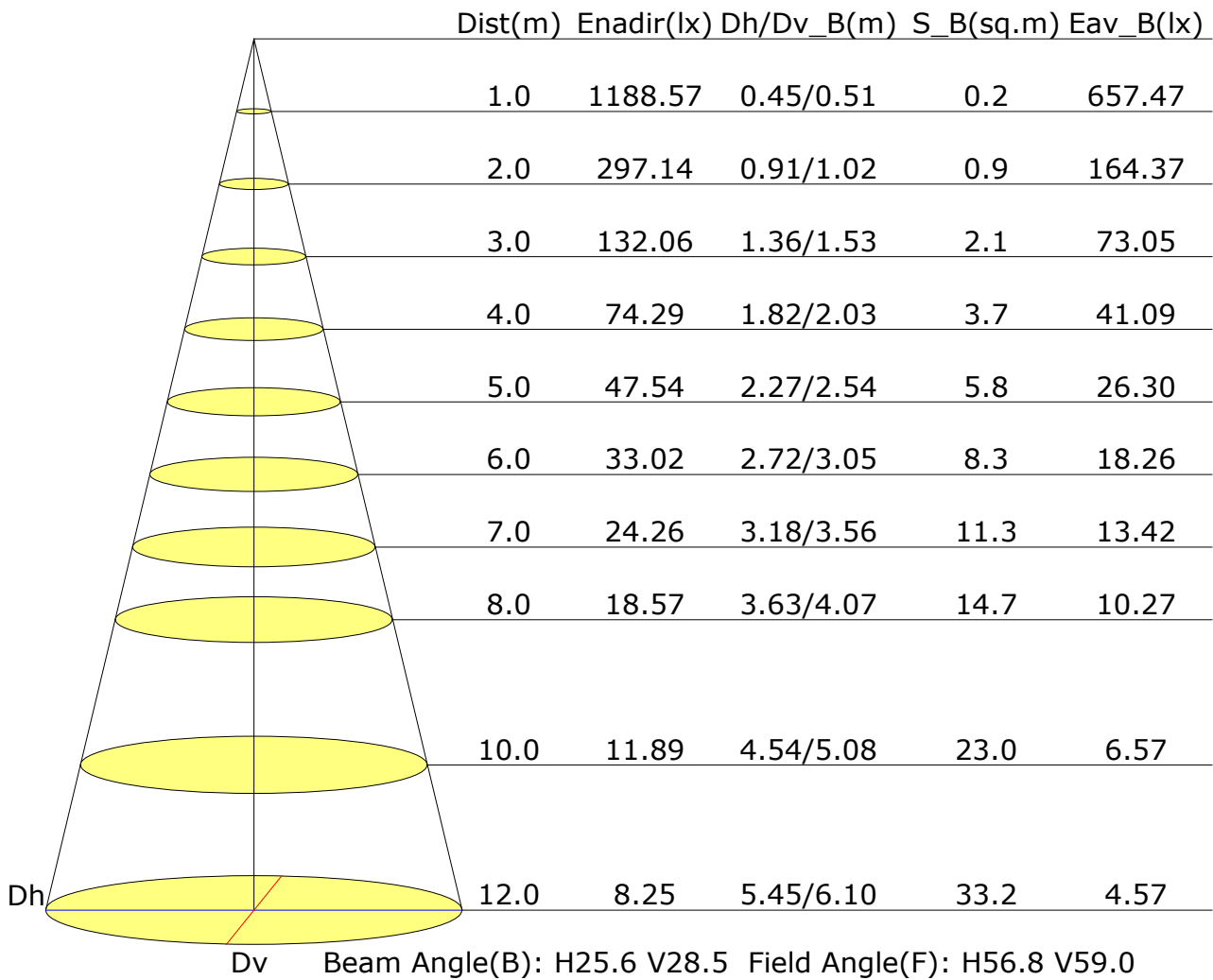
Test Device: GPM-1600

Distance: 6.600 m

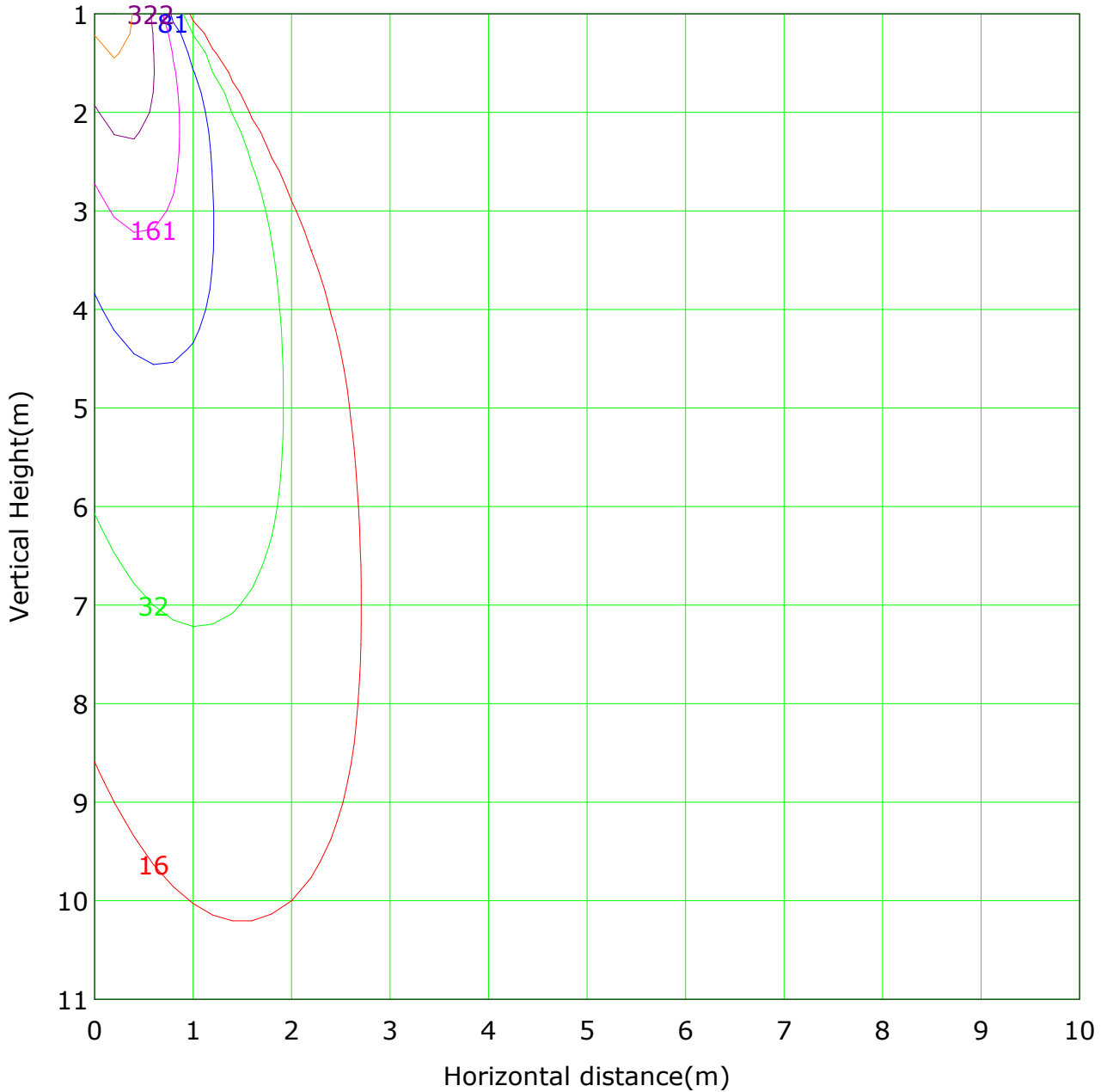
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1611.3 lx
 (1%): 16.1 lx (2%): 32.2 lx
 (5%): 80.6 lx (10%): 161.1 lx
 (20%): 322.3 lx (50%): 805.7 lx
 (100%):1611.3 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

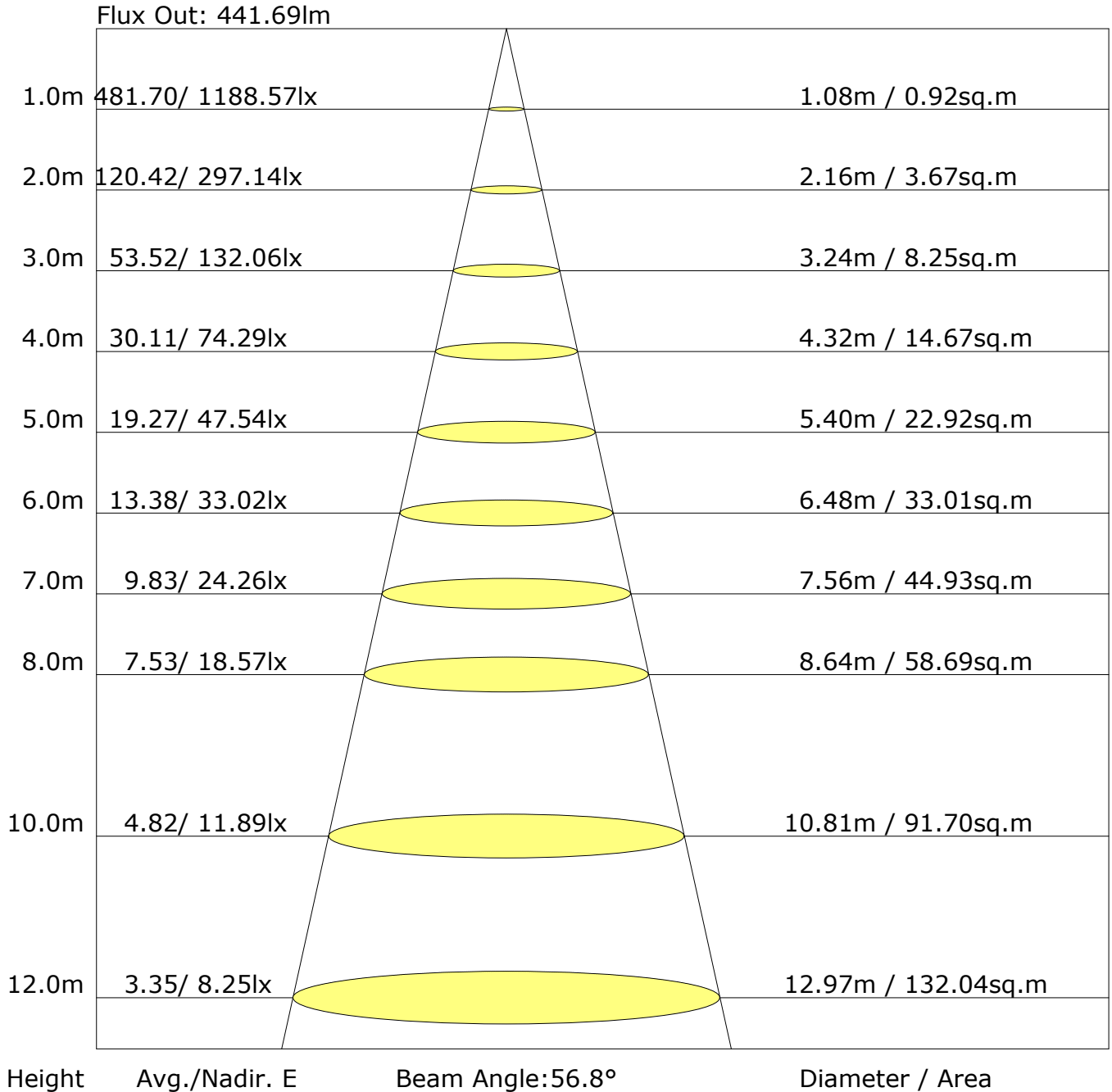
Unit: lm

		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	0.0	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	0.0
	-80	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	0.6	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	1.3	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
	-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	2.6	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	4.0	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	14.5	0.0
	-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	48.5	0.0
	-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	100.7	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	0.1	0.1	0.1	0.1	149.1	0.0
	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	129.4	0.0
	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	62.4	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	18.8	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	4.8	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	3.2	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	2.6	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	1.6	0.0
	80	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	0.5	0.0
90	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	0.0	0.0	
																				547	459	

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

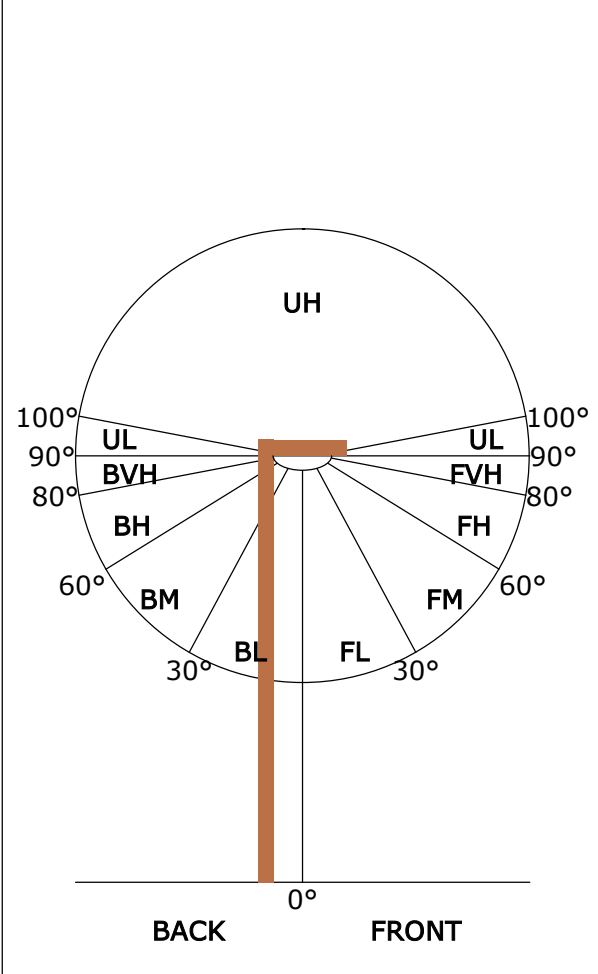
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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 $641lm (8\log(F/F_0) = -1.5)$.

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: 6.600 m
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

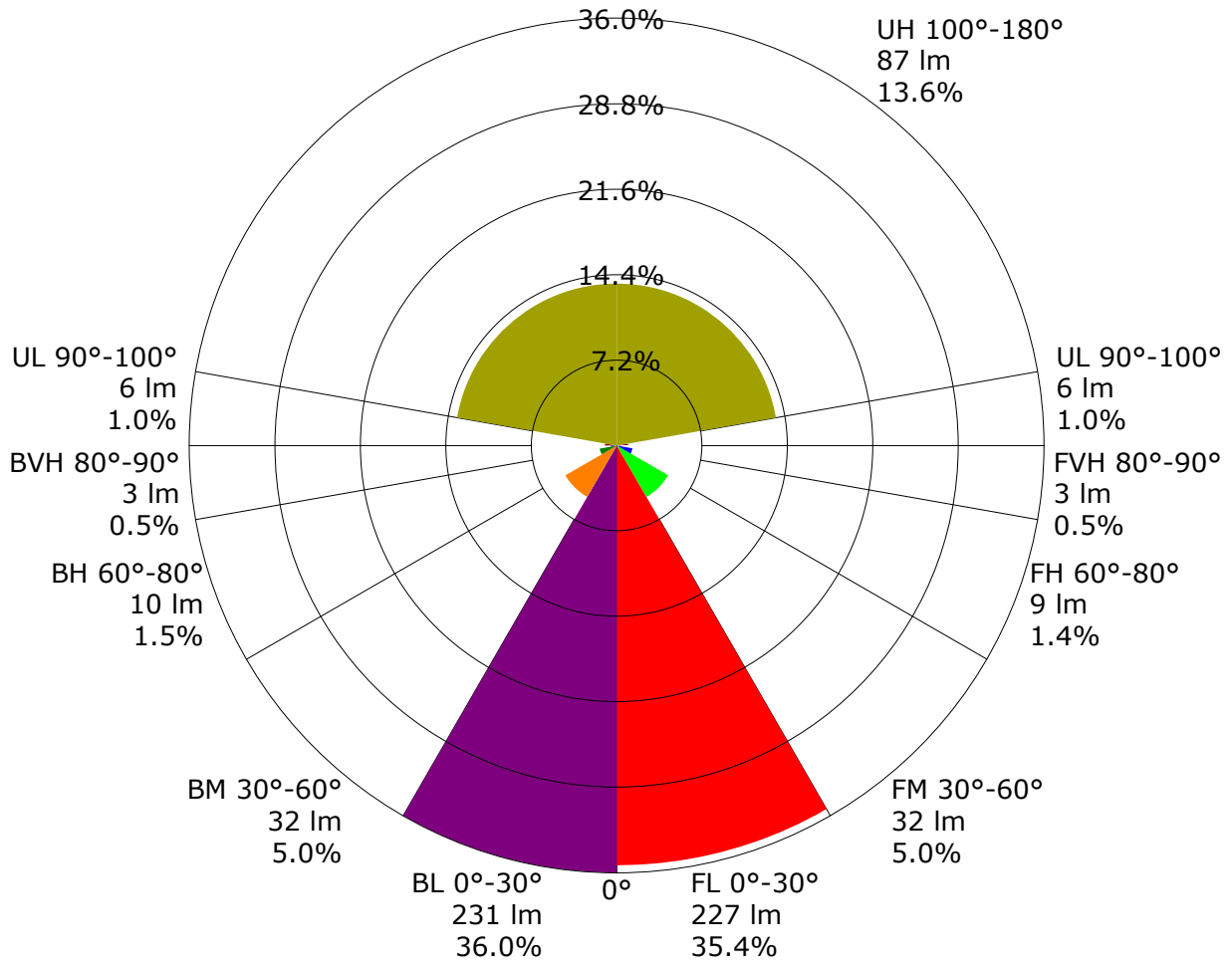
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	271	42.3
	FL (0°-30°)	227	35.4
	FM (30°-60°)	32	5.0
	FH (60°-80°)	9	1.4
	FVH (80°-90°)	3	0.5
	BACK LIGHT	276	43.0
	BL (0°-30°)	231	36.0
	BM (30°-60°)	32	5.0
	BH (60°-80°)	10	1.5
	BVH (80°-90°)	3	0.5
	UP LIGHT	94	14.6
	UL (90°-100°)	6	1.0
	UH (100°-180°)	87	13.6
	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	0.82	0.87	0.91	0.93	0.97	1.00	1.02	1.04	1.05	
	0.30		0.77	0.83	0.86	0.89	0.94	0.96	0.99	1.01	1.03	
	0.20		0.74	0.79	0.83	0.86	0.91	0.94	0.96	0.99	1.01	
0.50	0.50	0.20	0.79	0.84	0.87	0.89	0.92	0.94	0.96	0.97	0.99	
	0.30		0.75	0.80	0.83	0.86	0.89	0.92	0.93	0.96	0.97	
	0.20		0.73	0.78	0.81	0.83	0.87	0.89	0.91	0.94	0.96	
0.30	0.50	0.20	0.77	0.81	0.83	0.85	0.87	0.89	0.90	0.92	0.92	
	0.30		0.74	0.78	0.80	0.82	0.85	0.87	0.88	0.90	0.91	
	0.20		0.71	0.75	0.78	0.80	0.83	0.85	0.87	0.89	0.90	
0.00	0.00	0.00	0.68	0.72	0.74	0.76	0.78	0.79	0.80	0.82	0.82	
<p>Rating:11W 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	0.56	0.46	0.40	0.35	0.28	0.23	0.20	0.16	0.13	
	0.30		0.47	0.40	0.35	0.31	0.25	0.21	0.19	0.15	0.12	
	0.20		0.40	0.35	0.31	0.28	0.23	0.20	0.17	0.14	0.12	
0.50	0.50	0.20	0.50	0.41	0.35	0.31	0.25	0.24	0.18	0.14	0.11	
	0.30		0.42	0.36	0.31	0.27	0.22	0.19	0.16	0.13	0.11	
	0.20		0.37	0.32	0.28	0.25	0.21	0.18	0.15	0.12	0.10	
0.30	0.50	0.20	0.45	0.36	0.31	0.27	0.21	0.18	0.15	0.12	0.10	
	0.30		0.38	0.32	0.28	0.24	0.20	0.17	0.14	0.11	0.09	
	0.20		0.34	0.29	0.25	0.22	0.18	0.16	0.14	0.11	0.09	
0.00	0.00	0.00	0.18	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	0.27	0.29	0.30	0.31	0.32	0.33	0.33	0.34	0.35	
	0.30		0.23	0.25	0.26	0.28	0.29	0.30	0.31	0.33	0.33	
	0.20		0.20	0.22	0.24	0.25	0.27	0.28	0.29	0.31	0.32	
0.50	0.50	0.20	0.26	0.28	0.29	0.30	0.31	0.32	0.32	0.33	0.33	
	0.30		0.23	0.24	0.26	0.27	0.28	0.29	0.30	0.31	0.32	
	0.20		0.20	0.22	0.23	0.25	0.26	0.28	0.29	0.30	0.31	
0.30	0.50	0.20	0.25	0.27	0.28	0.28	0.30	0.30	0.31	0.32	0.32	
	0.30		0.22	0.24	0.25	0.26	0.28	0.29	0.29	0.30	0.31	
	0.20		0.20	0.22	0.23	0.24	0.26	0.27	0.28	0.29	0.30	
0.00	0.00	0.00	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	
<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	1244.3	1.2	1.2	0.19	0.19
1.0-2.0	1238.9	3.6	4.7	0.56	0.74
2.0-3.0	1228.4	5.9	10.6	0.92	1.66
3.0-4.0	1213.2	8.1	18.7	1.27	2.93
4.0-5.0	1192.5	10.3	29.0	1.60	4.53
5.0-6.0	1166.4	12.3	41.3	1.91	6.44
6.0-7.0	1135.3	14.1	55.4	2.20	8.64
7.0-8.0	1100.3	15.7	71.1	2.46	11.10
8.0-9.0	1061.4	17.2	88.3	2.69	13.78
9.0-10.0	1019.5	18.5	106.8	2.88	16.66
10.0-11.0	976.2	19.5	126.3	3.04	19.71
11.0-12.0	930.6	20.3	146.6	3.18	22.88
12.0-13.0	883.3	21.0	167.6	3.27	26.16
13.0-14.0	835.0	21.4	189.0	3.34	29.49
14.0-15.0	786.1	21.6	210.5	3.37	32.86
15.0-16.0	736.3	21.6	232.1	3.37	36.23
16.0-17.0	685.4	21.3	253.5	3.33	39.56
17.0-18.0	634.1	20.9	274.4	3.26	42.82
18.0-19.0	584.1	20.3	294.7	3.17	46.00
19.0-20.0	536.1	19.6	314.3	3.06	49.06
20.0-21.0	490.0	18.8	333.1	2.94	52.00
21.0-22.0	446.2	17.9	351.1	2.80	54.80
22.0-23.0	404.4	17.0	368.1	2.65	57.45
23.0-24.0	364.6	15.9	384.0	2.49	59.93
24.0-25.0	327.0	14.9	398.9	2.32	62.25
25.0-26.0	292.3	13.8	412.7	2.15	64.41
26.0-27.0	259.9	12.7	425.4	1.98	66.39
27.0-28.0	230.0	11.6	437.0	1.82	68.21
28.0-29.0	202.5	10.6	447.6	1.65	69.87
29.0-30.0	176.5	9.5	457.2	1.49	71.35
30.0-31.0	151.9	8.5	465.6	1.32	72.67
31.0-32.0	129.7	7.4	473.0	1.16	73.83
32.0-33.0	109.8	6.5	479.5	1.01	74.84
33.0-34.0	91.8	5.6	485.1	0.87	75.71
34.0-35.0	76.4	4.7	489.8	0.74	76.45
35.0-36.0	63.7	4.1	493.9	0.63	77.08

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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	52.8	3.4	497.3	0.54	77.62
37.0-38.0	42.8	2.9	500.2	0.45	78.07
38.0-39.0	34.4	2.4	502.5	0.37	78.43
39.0-40.0	28.3	2.0	504.5	0.31	78.74
40.0-41.0	23.8	1.7	506.2	0.26	79.01
41.0-42.0	20.2	1.5	507.7	0.23	79.23
42.0-43.0	16.4	1.2	508.9	0.19	79.42
43.0-44.0	12.8	1.0	509.8	0.15	79.58
44.0-45.0	11.1	0.9	510.7	0.13	79.71
45.0-46.0	10.2	0.8	511.5	0.12	79.83
46.0-47.0	9.4	0.7	512.2	0.12	79.95
47.0-48.0	8.9	0.7	513.0	0.11	80.06
48.0-49.0	8.7	0.7	513.7	0.11	80.17
49.0-50.0	8.7	0.7	514.4	0.11	80.29
50.0-51.0	8.6	0.7	515.1	0.11	80.40
51.0-52.0	8.4	0.7	515.8	0.11	80.51
52.0-53.0	8.1	0.7	516.6	0.11	80.62
53.0-54.0	7.9	0.7	517.2	0.11	80.73
54.0-55.0	7.8	0.7	517.9	0.11	80.84
55.0-56.0	7.9	0.7	518.7	0.11	80.95
56.0-57.0	8.1	0.7	519.4	0.12	81.07
57.0-58.0	8.3	0.8	520.2	0.12	81.19
58.0-59.0	8.5	0.8	521.0	0.12	81.31
59.0-60.0	8.5	0.8	521.8	0.12	81.43
60.0-61.0	8.5	0.8	522.6	0.13	81.56
61.0-62.0	8.6	0.8	523.4	0.13	81.69
62.0-63.0	8.6	0.8	524.2	0.13	81.82
63.0-64.0	8.7	0.9	525.1	0.13	81.96
64.0-65.0	9.1	0.9	526.0	0.14	82.10
65.0-66.0	9.9	1.0	527.0	0.15	82.25
66.0-67.0	10.3	1.0	528.0	0.16	82.41
67.0-68.0	10.1	1.0	529.0	0.16	82.57
68.0-69.0	9.9	1.0	530.1	0.16	82.73
69.0-70.0	9.9	1.0	531.1	0.16	82.89
70.0-71.0	9.9	1.0	532.1	0.16	83.05
71.0-72.0	9.7	1.0	533.1	0.16	83.21

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	9.6	1.0	534.1	0.16	83.36
73.0-74.0	9.3	1.0	535.1	0.15	83.52
74.0-75.0	9.0	0.9	536.0	0.15	83.66
75.0-76.0	8.5	0.9	536.9	0.14	83.81
76.0-77.0	8.2	0.9	537.8	0.14	83.94
77.0-78.0	7.9	0.8	538.7	0.13	84.07
78.0-79.0	7.6	0.8	539.5	0.13	84.20
79.0-80.0	7.2	0.8	540.2	0.12	84.32
80.0-81.0	6.9	0.7	541.0	0.12	84.44
81.0-82.0	6.7	0.7	541.7	0.11	84.55
82.0-83.0	6.5	0.7	542.4	0.11	84.66
83.0-84.0	6.3	0.7	543.1	0.11	84.77
84.0-85.0	6.3	0.7	543.8	0.11	84.88
85.0-86.0	6.2	0.7	544.5	0.11	84.98
86.0-87.0	6.0	0.7	545.1	0.10	85.08
87.0-88.0	5.8	0.6	545.8	0.10	85.18
88.0-89.0	5.5	0.6	546.4	0.09	85.28
89.0-90.0	5.3	0.6	547.0	0.09	85.37
90.0-91.0	5.0	0.5	547.5	0.08	85.45
91.0-92.0	4.8	0.5	548.0	0.08	85.53
92.0-93.0	4.8	0.5	548.6	0.08	85.62
93.0-94.0	5.1	0.6	549.1	0.09	85.71
94.0-95.0	5.5	0.6	549.7	0.09	85.80
95.0-96.0	5.9	0.6	550.4	0.10	85.90
96.0-97.0	6.4	0.7	551.1	0.11	86.01
97.0-98.0	6.8	0.7	551.8	0.12	86.12
98.0-99.0	7.1	0.8	552.6	0.12	86.24
99.0-100.0	7.3	0.8	553.4	0.12	86.37
100.0-101.0	7.3	0.8	554.1	0.12	86.49
101.0-102.0	7.4	0.8	554.9	0.12	86.61
102.0-103.0	7.4	0.8	555.7	0.12	86.74
103.0-104.0	7.5	0.8	556.5	0.12	86.86
104.0-105.0	7.5	0.8	557.3	0.12	86.99
105.0-106.0	7.6	0.8	558.1	0.13	87.11
106.0-107.0	7.7	0.8	558.9	0.13	87.24
107.0-108.0	7.6	0.8	559.7	0.12	87.36

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	7.5	0.8	560.5	0.12	87.49
109.0-110.0	7.4	0.8	561.3	0.12	87.61
110.0-111.0	7.4	0.8	562.0	0.12	87.72
111.0-112.0	7.5	0.8	562.8	0.12	87.84
112.0-113.0	7.7	0.8	563.6	0.12	87.97
113.0-114.0	8.0	0.8	564.4	0.12	88.09
114.0-115.0	8.3	0.8	565.2	0.13	88.22
115.0-116.0	8.6	0.9	566.1	0.13	88.35
116.0-117.0	9.0	0.9	567.0	0.14	88.49
117.0-118.0	9.4	0.9	567.9	0.14	88.63
118.0-119.0	9.9	1.0	568.8	0.15	88.78
119.0-120.0	10.5	1.0	569.8	0.16	88.94
120.0-121.0	11.1	1.0	570.9	0.16	89.10
121.0-122.0	11.7	1.1	572.0	0.17	89.27
122.0-123.0	12.4	1.1	573.1	0.18	89.45
123.0-124.0	13.1	1.2	574.3	0.19	89.64
124.0-125.0	13.9	1.3	575.6	0.20	89.83
125.0-126.0	14.7	1.3	576.9	0.20	90.04
126.0-127.0	15.5	1.4	578.2	0.21	90.25
127.0-128.0	16.3	1.4	579.7	0.22	90.47
128.0-129.0	17.2	1.5	581.1	0.23	90.70
129.0-130.0	18.1	1.5	582.7	0.24	90.94
130.0-131.0	19.0	1.6	584.3	0.25	91.19
131.0-132.0	19.9	1.6	585.9	0.26	91.45
132.0-133.0	20.9	1.7	587.6	0.26	91.71
133.0-134.0	21.8	1.7	589.3	0.27	91.98
134.0-135.0	22.8	1.8	591.1	0.28	92.26
135.0-136.0	23.8	1.8	592.9	0.29	92.54
136.0-137.0	24.8	1.9	594.8	0.29	92.84
137.0-138.0	25.9	1.9	596.7	0.30	93.14
138.0-139.0	27.0	2.0	598.7	0.31	93.44
139.0-140.0	28.2	2.0	600.7	0.31	93.76
140.0-141.0	29.2	2.0	602.7	0.32	94.08
141.0-142.0	30.3	2.1	604.8	0.32	94.40
142.0-143.0	31.3	2.1	606.9	0.33	94.73
143.0-144.0	32.1	2.1	609.0	0.33	95.05

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	32.6	2.1	611.1	0.32	95.38
145.0-146.0	32.9	2.0	613.1	0.32	95.70
146.0-147.0	33.2	2.0	615.1	0.31	96.01
147.0-148.0	33.5	2.0	617.1	0.31	96.32
148.0-149.0	33.8	1.9	619.0	0.30	96.62
149.0-150.0	34.3	1.9	620.9	0.30	96.92
150.0-151.0	34.8	1.9	622.8	0.29	97.21
151.0-152.0	35.3	1.8	624.7	0.29	97.50
152.0-153.0	35.4	1.8	626.5	0.28	97.78
153.0-154.0	35.1	1.7	628.2	0.27	98.05
154.0-155.0	34.2	1.6	629.8	0.25	98.30
155.0-156.0	32.7	1.5	631.3	0.23	98.53
156.0-157.0	31.1	1.4	632.6	0.21	98.74
157.0-158.0	29.4	1.2	633.9	0.19	98.94
158.0-159.0	27.6	1.1	635.0	0.17	99.11
159.0-160.0	25.8	1.0	636.0	0.15	99.26
160.0-161.0	23.8	0.9	636.9	0.14	99.40
161.0-162.0	21.7	0.8	637.6	0.12	99.52
162.0-163.0	19.4	0.6	638.2	0.10	99.62
163.0-164.0	16.8	0.5	638.8	0.08	99.70
164.0-165.0	14.1	0.4	639.2	0.06	99.76
165.0-166.0	11.9	0.3	639.5	0.05	99.81
166.0-167.0	10.1	0.3	639.8	0.04	99.85
167.0-168.0	8.5	0.2	640.0	0.03	99.89
168.0-169.0	7.2	0.2	640.1	0.02	99.91
169.0-170.0	6.2	0.1	640.3	0.02	99.93
170.0-171.0	5.5	0.1	640.4	0.02	99.95
171.0-172.0	5.0	0.1	640.4	0.01	99.96
172.0-173.0	4.7	0.1	640.5	0.01	99.97
173.0-174.0	4.5	0.1	640.6	0.01	99.98
174.0-175.0	4.3	0.0	640.6	0.01	99.98
175.0-176.0	4.2	0.0	640.6	0.01	99.99
176.0-177.0	4.1	0.0	640.7	0.00	99.99
177.0-178.0	4.1	0.0	640.7	0.00	100.00
178.0-179.0	4.1	0.0	640.7	0.00	100.00
179.0-180.0	4.1	0.0	640.7	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: 6.600 m
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	1188.6	1302.2	1188.6	1302.2	1188.6					
G1.0	1281.0	1295.5	1097.7	1299.0	1281.0					
G2.0	1370.2	1275.0	1007.8	1285.2	1370.2					
G3.0	1457.9	1244.0	926.5	1260.9	1457.9					
G4.0	1536.0	1204.8	849.4	1226.1	1536.0					
G5.0	1599.1	1158.1	781.5	1185.0	1599.1					
G6.0	1653.0	1102.4	717.3	1134.8	1653.0					
G7.0	1691.8	1043.4	661.9	1077.6	1691.8					
G8.0	1714.3	983.6	610.7	1019.3	1714.3					
G9.0	1719.5	921.3	564.5	958.1	1719.5					
G10.0	1709.0	862.6	521.1	900.0	1709.0					
G11.0	1686.9	805.6	481.1	843.0	1686.9					
G12.0	1651.1	748.9	443.6	784.7	1651.1					
G13.0	1598.5	695.2	410.7	734.0	1598.5					
G14.0	1534.7	647.2	379.6	680.4	1534.7					
G15.0	1464.0	599.8	351.4	631.9	1464.0					
G16.0	1379.3	556.3	323.0	585.1	1379.3					
G17.0	1290.2	513.8	294.6	541.0	1290.2					
G18.0	1192.3	475.5	264.9	500.3	1192.3					
G19.0	1099.0	439.5	236.9	464.4	1099.0					
G20.0	1004.3	407.3	207.3	430.0	1004.3					
G21.0	919.0	376.0	180.8	395.4	919.0					
G22.0	836.9	346.5	153.4	361.4	836.9					
G23.0	765.4	314.8	130.0	327.2	765.4					
G24.0	696.4	283.4	106.5	293.3	696.4					
G25.0	636.4	253.6	85.8	261.0	636.4					
G26.0	580.7	223.9	67.9	229.5	580.7					
G27.0	529.1	194.3	54.5	199.1	529.1					
G28.0	482.3	166.5	43.8	170.5	482.3					
G29.0	436.0	141.2	36.0	143.6	436.0					
G30.0	388.2	118.2	30.3	118.5	388.2					
G31.0	342.0	95.6	26.4	96.0	342.0					
G32.0	300.6	77.1	23.0	77.3	300.6					
G33.0	260.1	61.6	18.0	61.0	260.1					
G34.0	221.1	49.0	14.0	49.5	221.1					
G35.0	185.7	40.0	11.4	40.5	185.7					
G36.0	154.2	33.8	9.7	34.4	154.2					

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:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	126.4	29.0	8.6	26.0	126.4					
G38.0	103.8	23.0	8.1	17.4	103.8					
G39.0	85.4	16.7	7.8	13.3	85.4					
G40.0	70.9	13.2	8.3	10.7	70.9					
G41.0	58.8	10.9	8.0	9.2	58.8					
G42.0	49.1	9.5	7.7	8.7	49.1					
G43.0	31.8	8.7	7.4	8.3	31.8					
G44.0	21.2	8.3	7.3	9.4	21.2					
G45.0	17.0	9.6	7.1	9.2	17.0					
G46.0	13.5	9.4	6.6	9.2	13.5					
G47.0	11.5	9.1	6.4	9.1	11.5					
G48.0	11.2	8.6	6.2	8.7	11.2					
G49.0	12.0	8.3	6.1	8.3	12.0					
G50.0	13.4	7.9	6.0	7.9	13.4					
G51.0	13.0	7.4	6.0	7.6	13.0					
G52.0	12.7	7.2	6.0	7.4	12.7					
G53.0	11.8	6.9	5.9	7.2	11.8					
G54.0	10.7	6.9	6.3	7.3	10.7					
G55.0	9.8	7.0	6.3	7.9	9.8					
G56.0	9.2	7.5	6.2	8.9	9.2					
G57.0	8.9	8.3	5.9	9.7	8.9					
G58.0	8.9	9.0	5.7	10.1	8.9					
G59.0	9.1	9.3	5.8	9.8	9.1					
G60.0	9.3	9.1	5.9	9.5	9.3					
G61.0	9.9	8.7	6.5	9.2	9.9					
G62.0	10.6	8.5	6.6	8.9	10.6					
G63.0	10.8	8.3	6.6	8.9	10.8					
G64.0	10.8	8.5	6.6	9.4	10.8					
G65.0	11.0	9.7	6.6	10.7	11.0					
G66.0	11.0	11.5	6.4	12.3	11.0					
G67.0	11.1	11.5	5.9	12.7	11.1					
G68.0	11.5	10.6	5.8	12.0	11.5					
G69.0	12.7	9.8	5.7	11.2	12.7					
G70.0	14.3	9.3	5.6	10.8	14.3					
G71.0	15.6	8.3	5.5	9.9	15.6					
G72.0	15.8	7.9	5.5	9.4	15.8					
G73.0	15.6	7.8	5.4	9.2	15.6					

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 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	15.2	7.5	5.3	8.9	15.2					
G75.0	14.0	7.3	4.9	8.6	14.0					
G76.0	13.3	7.1	4.5	8.3	13.3					
G77.0	12.8	7.0	4.1	8.3	12.8					
G78.0	12.3	6.8	3.6	8.1	12.3					
G79.0	11.9	6.6	3.2	7.9	11.9					
G80.0	11.0	6.4	3.0	7.5	11.0					
G81.0	10.8	6.2	3.2	7.1	10.8					
G82.0	10.6	5.9	3.3	6.6	10.6					
G83.0	10.6	5.5	3.6	5.9	10.6					
G84.0	10.6	5.0	3.9	5.6	10.6					
G85.0	10.8	4.7	4.1	5.4	10.8					
G86.0	10.5	4.5	4.3	5.2	10.5					
G87.0	10.1	4.3	4.2	5.0	10.1					
G88.0	9.5	4.1	4.1	4.8	9.5					
G89.0	9.0	4.0	4.0	4.7	9.0					
G90.0	8.5	3.8	3.6	4.5	8.5					
G91.0	7.7	3.8	3.2	4.5	7.7					
G92.0	7.1	3.7	3.5	4.6	7.1					
G93.0	7.2	3.8	4.1	4.8	7.2					
G94.0	7.3	4.2	4.7	5.0	7.3					
G95.0	7.5	4.7	5.4	5.2	7.5					
G96.0	7.8	5.2	5.9	5.6	7.8					
G97.0	8.3	5.8	6.5	5.8	8.3					
G98.0	8.7	6.5	7.1	5.8	8.7					
G99.0	8.7	7.1	7.2	5.8	8.7					
G100.0	8.6	7.5	7.3	5.9	8.6					
G101.0	8.5	7.7	7.4	5.9	8.5					
G102.0	8.4	7.7	7.5	6.0	8.4					
G103.0	8.4	7.8	7.6	6.1	8.4					
G104.0	8.4	7.8	7.6	6.2	8.4					
G105.0	8.6	7.9	7.6	6.2	8.6					
G106.0	8.6	7.9	7.7	6.2	8.6					
G107.0	8.7	8.0	7.9	6.1	8.7					
G108.0	8.4	8.1	8.1	5.8	8.4					
G109.0	7.9	8.1	8.4	5.5	7.9					
G110.0	7.5	8.1	8.7	5.4	7.5					

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: 6.600 m

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	7.3	7.9	9.0	5.5	7.3					
G112.0	7.4	7.7	9.4	5.7	7.4					
G113.0	7.6	7.9	10.0	5.8	7.6					
G114.0	7.7	8.1	10.6	6.0	7.7					
G115.0	7.9	8.5	11.2	6.2	7.9					
G116.0	8.1	8.9	11.8	6.4	8.1					
G117.0	8.2	9.3	12.5	6.7	8.2					
G118.0	8.5	9.9	13.3	7.0	8.5					
G119.0	8.8	10.4	14.2	7.3	8.8					
G120.0	9.2	11.1	15.1	7.7	9.2					
G121.0	9.6	11.8	16.0	8.1	9.6					
G122.0	10.1	12.5	17.0	8.6	10.1					
G123.0	10.6	13.3	18.0	9.1	10.6					
G124.0	11.1	14.1	19.1	9.6	11.1					
G125.0	11.7	15.0	20.2	10.2	11.7					
G126.0	12.3	15.9	21.3	10.9	12.3					
G127.0	13.1	16.8	22.4	11.5	13.1					
G128.0	13.8	17.7	23.4	12.2	13.8					
G129.0	14.4	18.7	24.6	13.0	14.4					
G130.0	15.2	19.7	25.7	13.8	15.2					
G131.0	15.9	20.7	26.8	14.5	15.9					
G132.0	16.6	21.7	27.9	15.3	16.6					
G133.0	17.4	22.7	29.1	16.1	17.4					
G134.0	18.3	23.7	30.3	16.9	18.3					
G135.0	19.1	24.7	31.6	17.7	19.1					
G136.0	20.0	25.8	33.0	18.4	20.0					
G137.0	20.9	27.0	34.4	19.2	20.9					
G138.0	21.8	28.1	35.8	20.1	21.8					
G139.0	22.7	29.4	37.3	21.0	22.7					
G140.0	23.6	30.6	38.8	21.8	23.6					
G141.0	24.5	31.9	40.4	22.4	24.5					
G142.0	25.5	33.3	42.0	22.8	25.5					
G143.0	26.5	34.5	43.5	22.6	26.5					
G144.0	27.5	36.0	45.1	21.0	27.5					
G145.0	28.6	37.4	46.7	18.4	28.6					
G146.0	29.7	38.9	48.2	15.2	29.7					
G147.0	30.9	40.4	49.7	12.4	30.9					

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 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	32.0	41.8	51.0	9.8	32.0					
G149.0	33.0	43.3	52.1	7.7	33.0					
G150.0	33.9	44.9	52.8	6.5	33.9					
G151.0	34.6	46.5	53.3	6.2	34.6					
G152.0	34.8	48.2	52.9	6.0	34.8					
G153.0	34.5	49.5	51.4	5.8	34.5					
G154.0	33.9	50.8	49.2	5.7	33.9					
G155.0	32.1	52.0	44.5	5.5	32.1					
G156.0	29.8	53.2	39.0	5.4	29.8					
G157.0	27.7	54.2	33.8	5.3	27.7					
G158.0	25.6	54.9	28.6	5.1	25.6					
G159.0	23.0	55.3	23.5	5.1	23.0					
G160.0	19.9	55.3	19.1	4.9	19.9					
G161.0	16.6	54.1	15.5	4.8	16.6					
G162.0	14.0	51.7	12.4	4.7	14.0					
G163.0	11.7	47.0	9.5	4.6	11.7					
G164.0	9.5	39.8	7.3	4.6	9.5					
G165.0	7.7	33.3	6.0	4.5	7.7					
G166.0	6.7	27.4	5.2	4.5	6.7					
G167.0	6.2	21.6	4.8	4.5	6.2					
G168.0	5.8	16.8	4.1	4.4	5.8					
G169.0	5.3	13.2	3.7	4.4	5.3					
G170.0	5.1	10.1	3.6	4.3	5.1					
G171.0	5.0	7.9	3.6	4.3	5.0					
G172.0	4.9	6.6	3.6	4.2	4.9					
G173.0	4.8	5.8	3.6	4.2	4.8					
G174.0	4.7	5.2	3.6	4.1	4.7					
G175.0	4.5	4.6	3.6	4.1	4.5					
G176.0	4.4	4.5	3.7	4.1	4.4					
G177.0	4.3	4.4	3.7	4.1	4.3					
G178.0	4.2	4.3	3.8	4.1	4.2					
G179.0	4.1	4.2	3.9	4.1	4.1					
G180.0	4.1	4.2	3.9	4.1	4.1					

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: