

Report No.:

Test Time: 2016-05-26 09:54

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MS-MR16-3B(XPE-2700-15D-5W)

Voltage: 11.9 V

Current: 0.534 A

Power: 4.59 W

Power Factor: 0.723

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 214.0 lm

Measurement Flux: 214 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Horizontal Diffuse Angle(10%,25%,50%,75%): H36.2,H27.9,H20.7,H14.2

Vertical Diffuse Angle(10%,25%,50%,75%): V35.5,V27.1,V19.8,V13

Luminaire Efficacy Rating (LER): 46.68

Central Intensity: 1255.06 cd

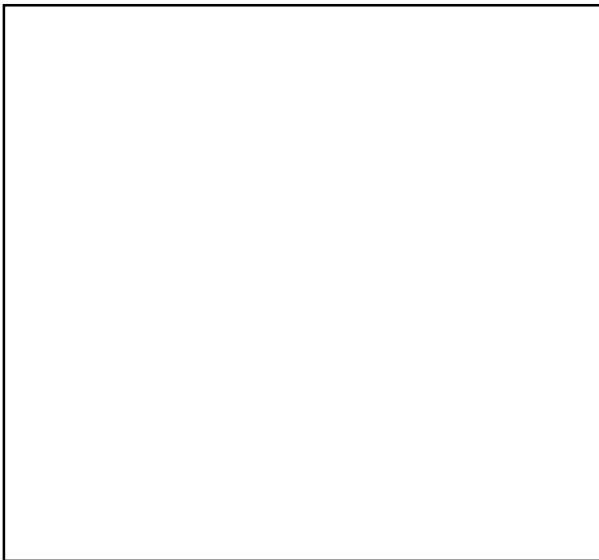
Max. Intensity: 1357.37 cd

Pos of Max. Intensity: H135 V4

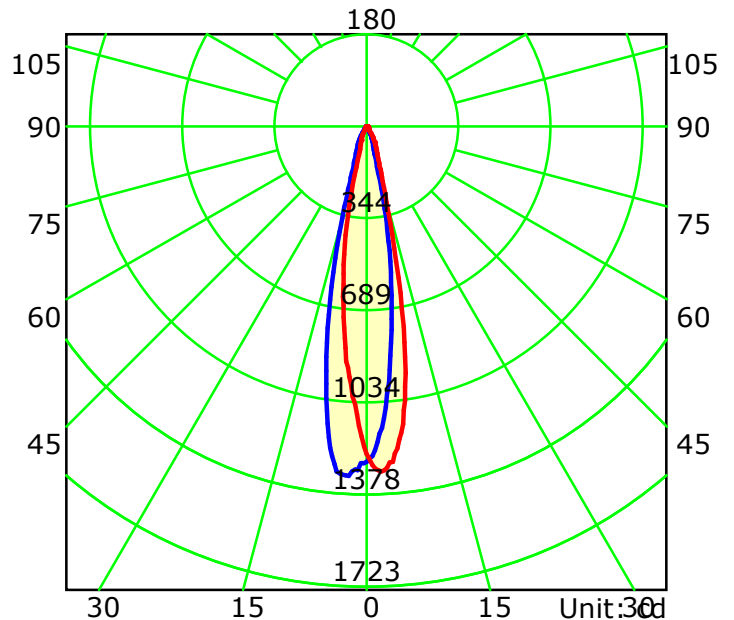
S/MH(C0/C180): 0.37

S/MH(C90/C270): 0.36

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 19.9°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 45.0

Gamma Plane (°):0.0-180.0:0.5

Test Lab:

Test Device: GPM-1600

Test Type: TYPE C

Distance: 8.177 m

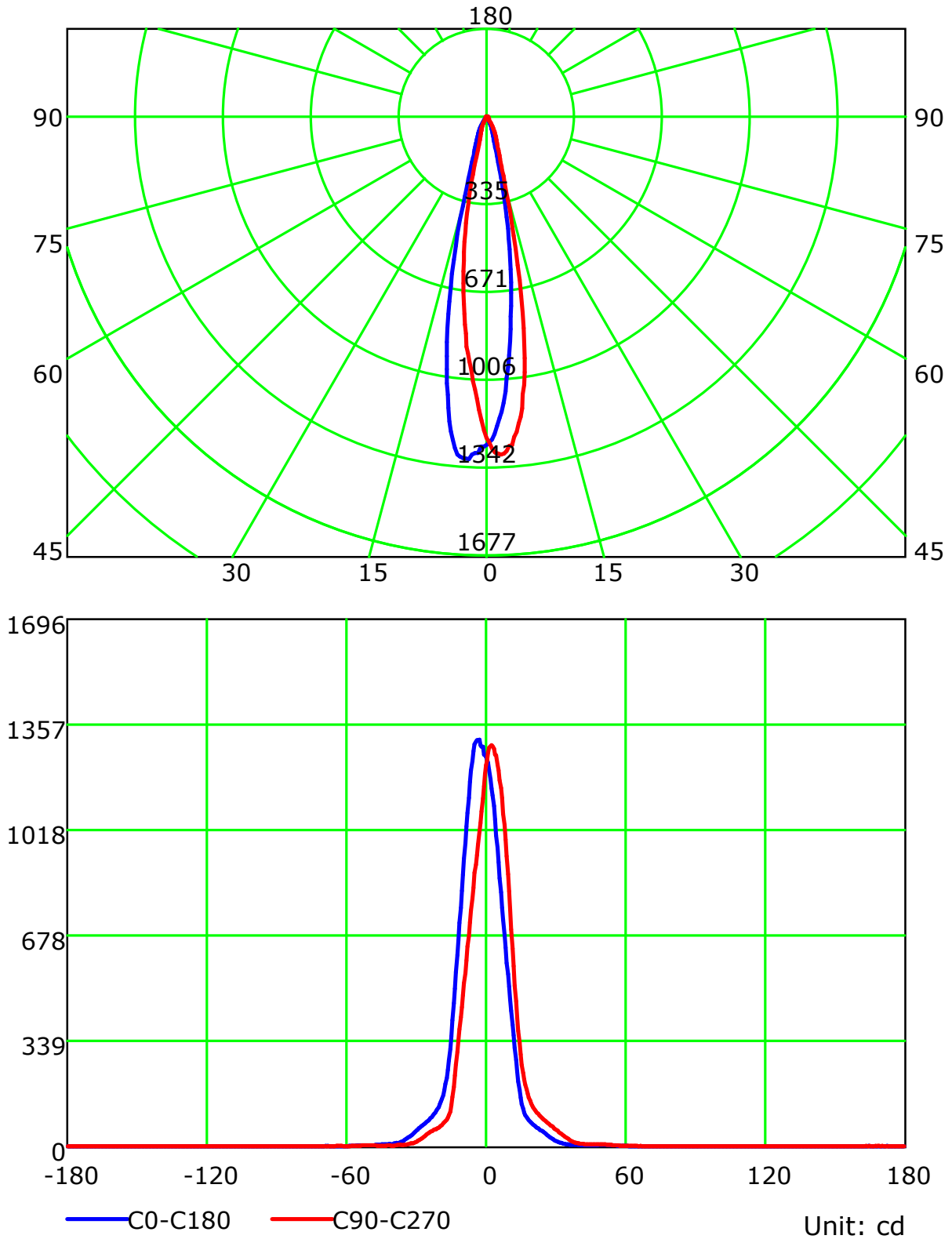
Temperature:

Humidity:

Operator:

Inspector:

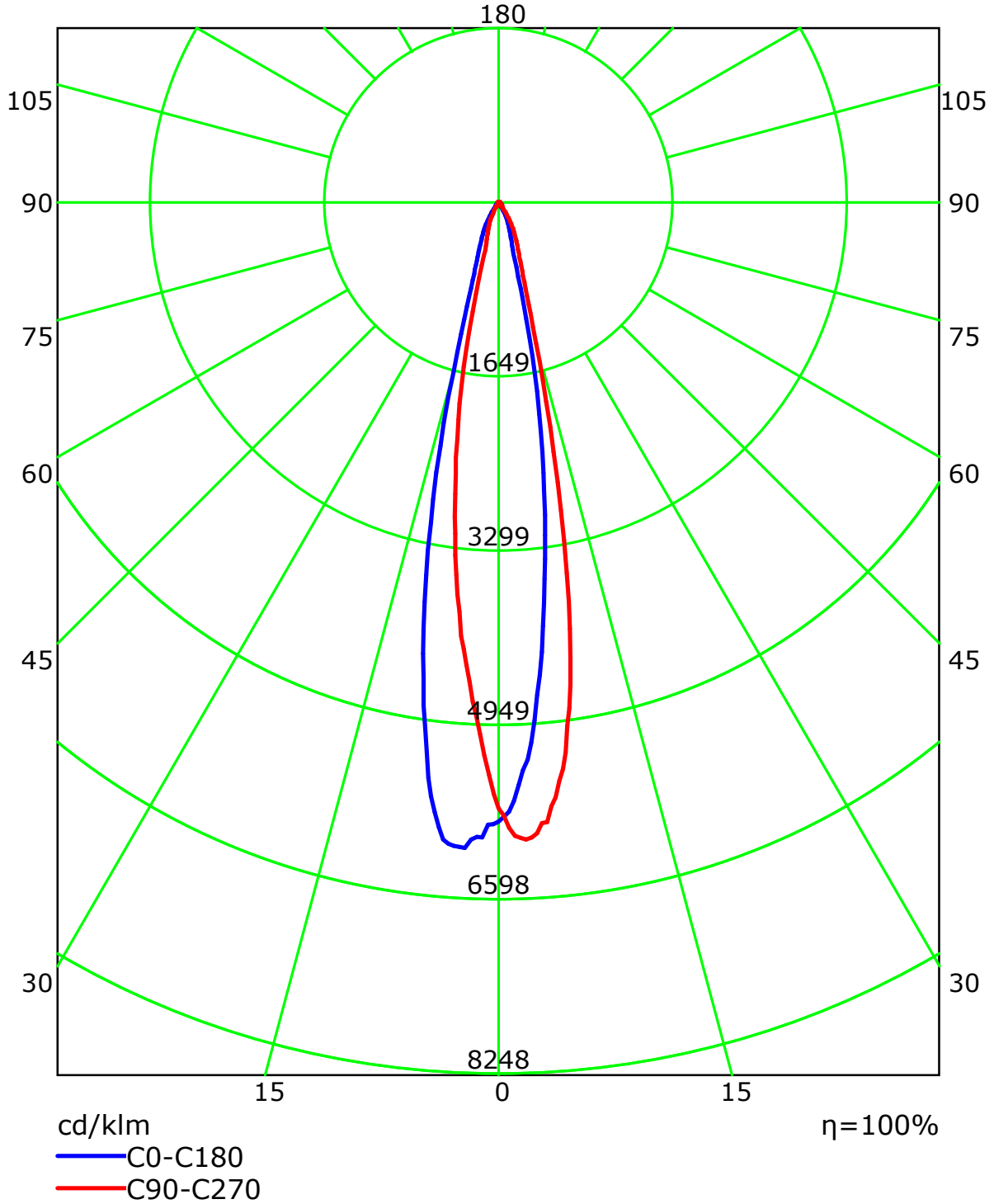
Luminous Intensity Distribution Curve



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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



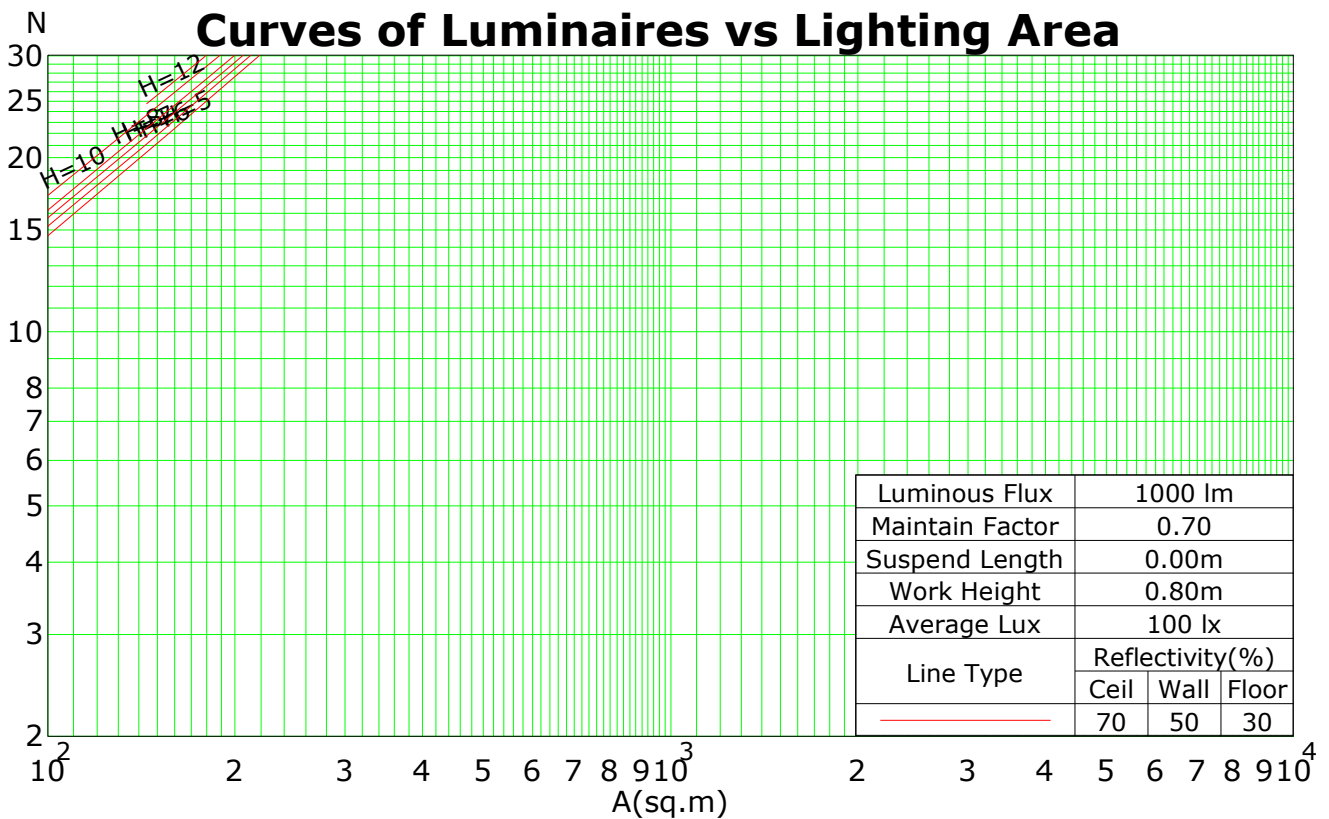
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	115	113	111	109	112	111	109	107	107	105	104	103	102	101	99	99	98	96
2	111	107	104	102	109	106	103	101	103	100	98	100	98	96	97	96	94	93
3	107	103	99	96	106	101	98	95	99	96	94	97	94	92	94	93	91	90
4	104	99	95	92	103	98	94	91	96	92	90	94	91	89	92	90	88	87
5	101	95	91	88	100	94	90	87	93	89	87	91	88	86	90	87	85	84
6	98	92	88	85	97	91	87	84	90	86	84	89	86	83	87	85	83	82
7	95	89	85	82	94	88	84	82	87	84	81	86	83	81	85	83	80	79
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77
9	91	84	80	77	90	84	80	77	83	79	77	82	79	77	81	78	76	75
10	88	82	78	75	88	81	78	75	81	77	75	80	77	75	80	77	75	74

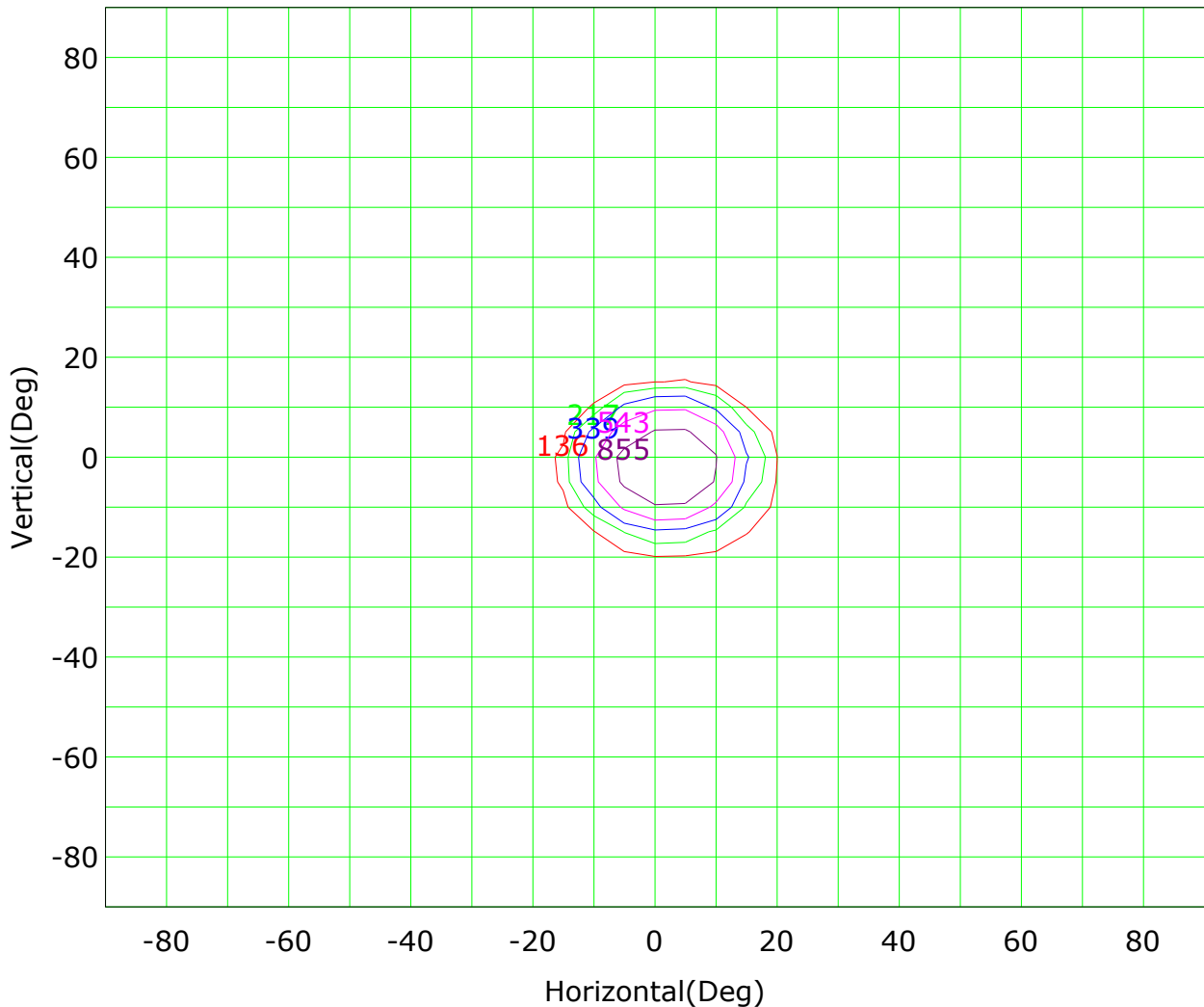
Spacing Criteria (0-180): 0.37
 Spacing Criteria (90-270): 0.36
 Spacing Criteria (Diagonal): 0.34



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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Isocandela (rectangle)



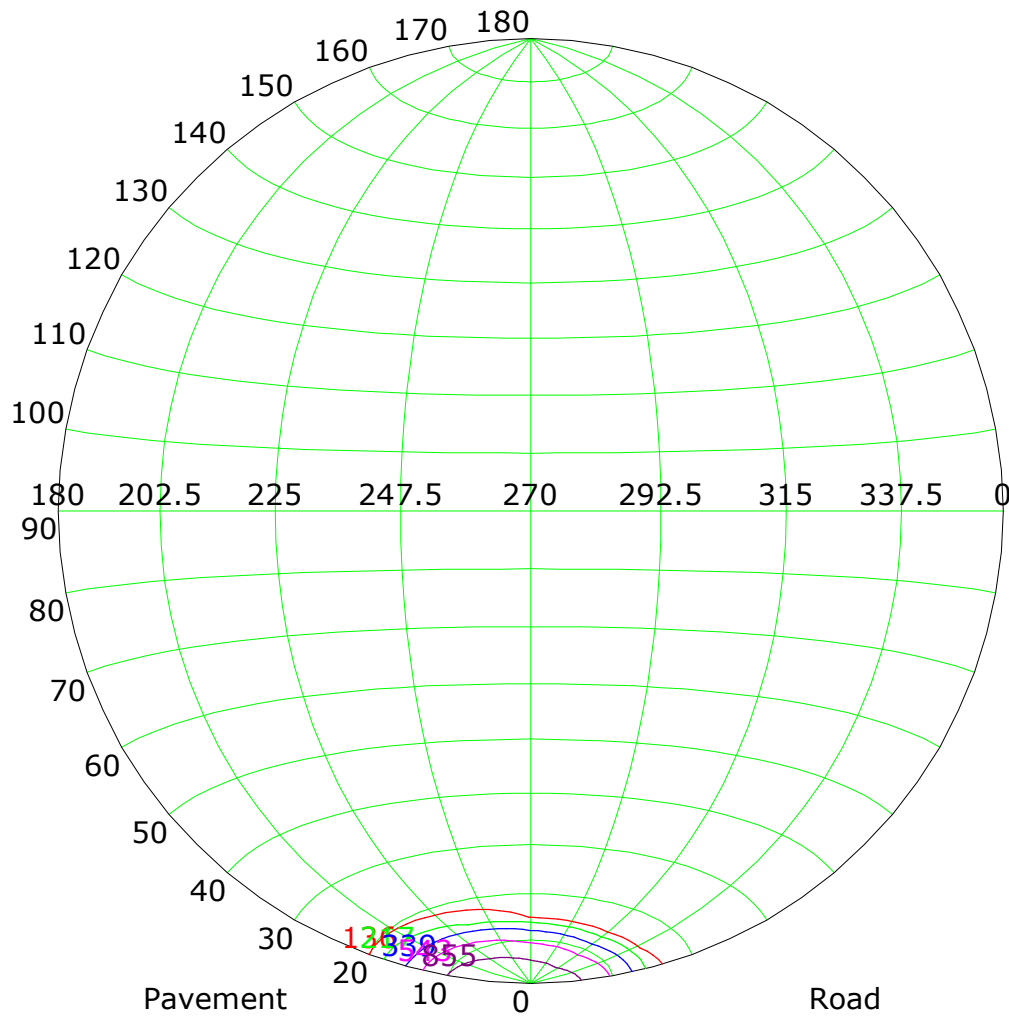
Imax (100%): 1357 cd

— (10%): 136 cd	— (16%): 217 cd
— (25%): 339 cd	— (40%): 543 cd
— (63%): 855 cd	— (100%): 1357 cd

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Isocandela (sphere)



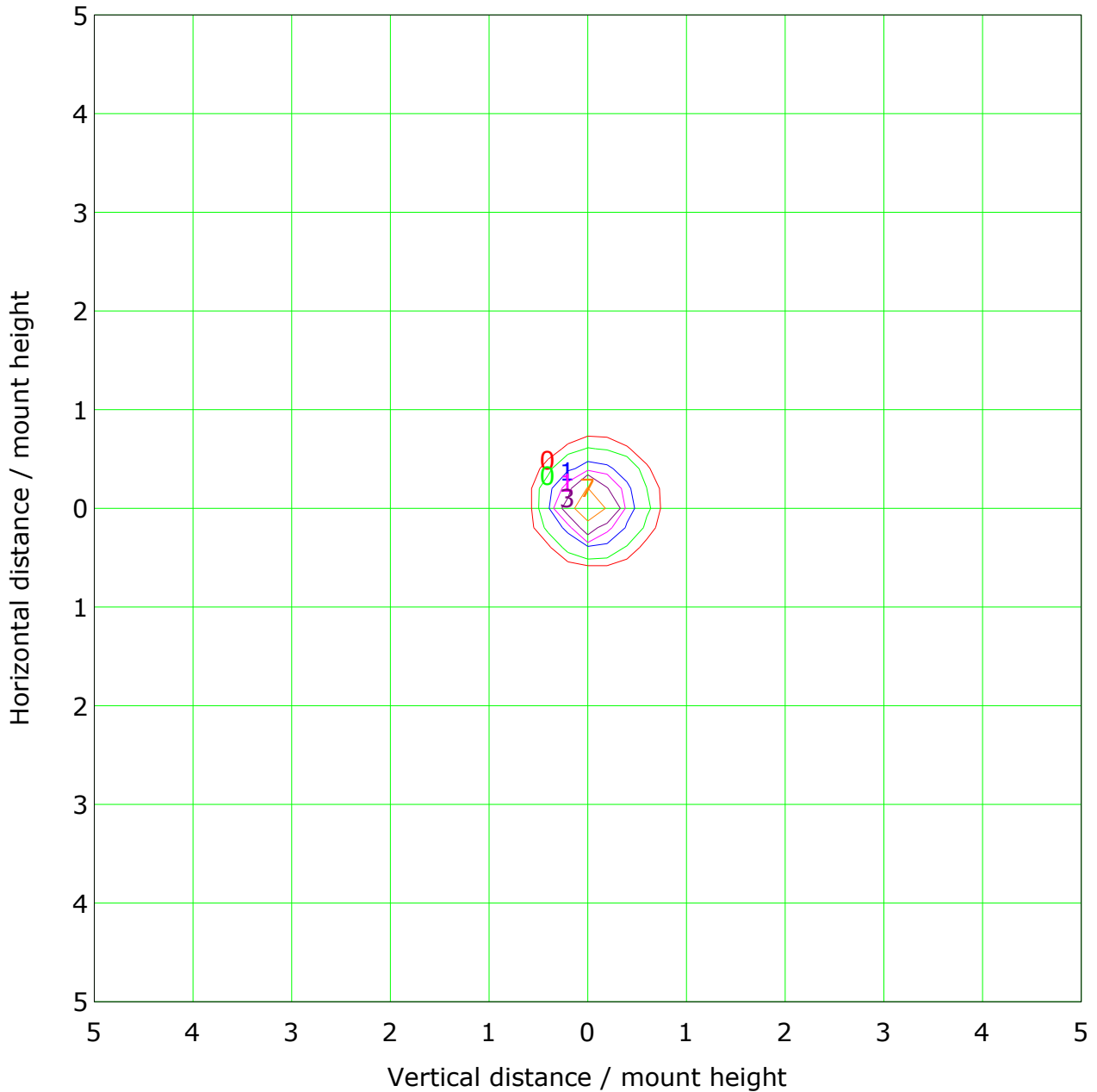
Imax (100%): 1357 cd

— (10%): 136 cd	— (16%): 217 cd
— (25%): 339 cd	— (40%): 543 cd
— (63%): 855 cd	— (100%): 1357 cd

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 13.5 lx

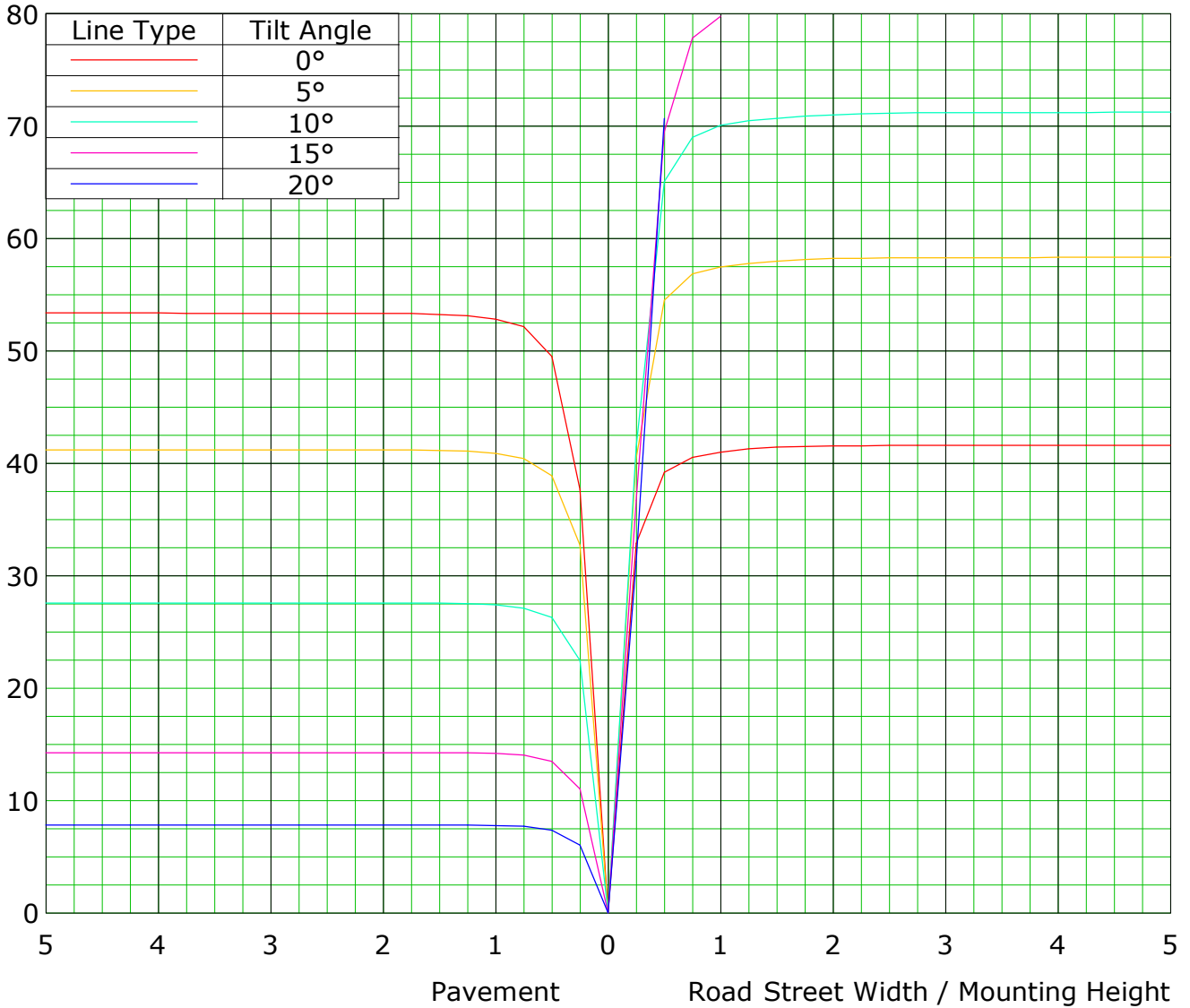
— (1%): 0.1 lx	— (2%): 0.3 lx
— (5%): 0.7 lx	— (10%): 1.3 lx
— (20%): 2.7 lx	— (50%): 6.7 lx
— (100%): 13.5 lx	

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)



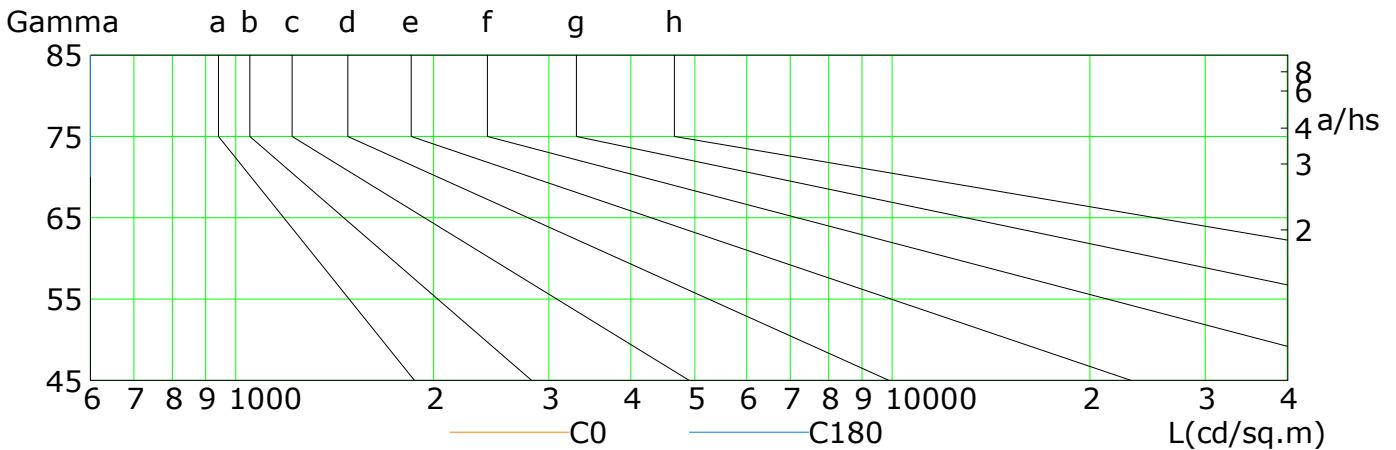
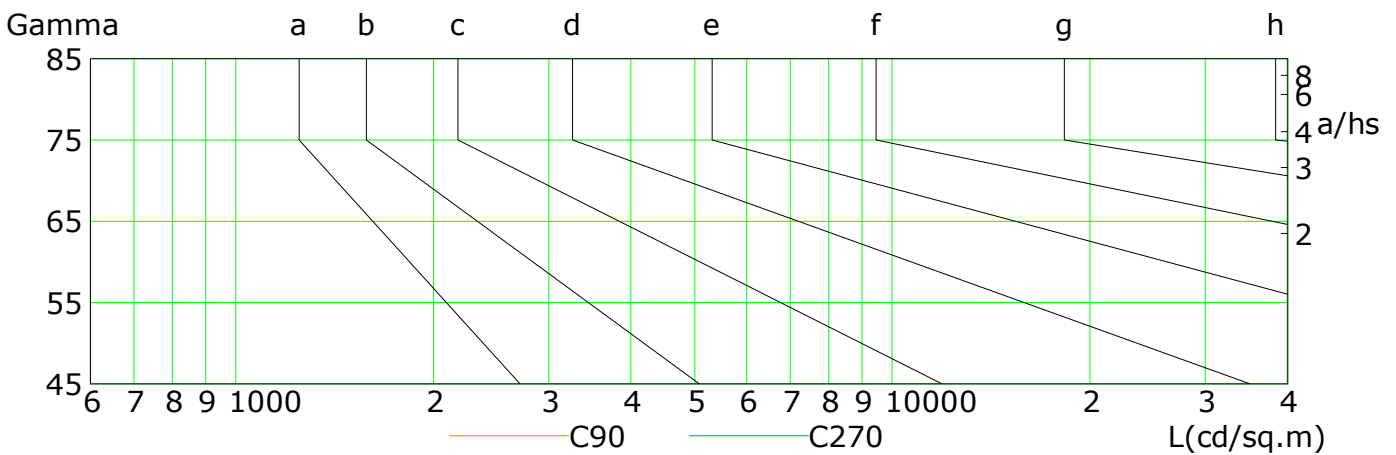
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300

a b c d e f g h

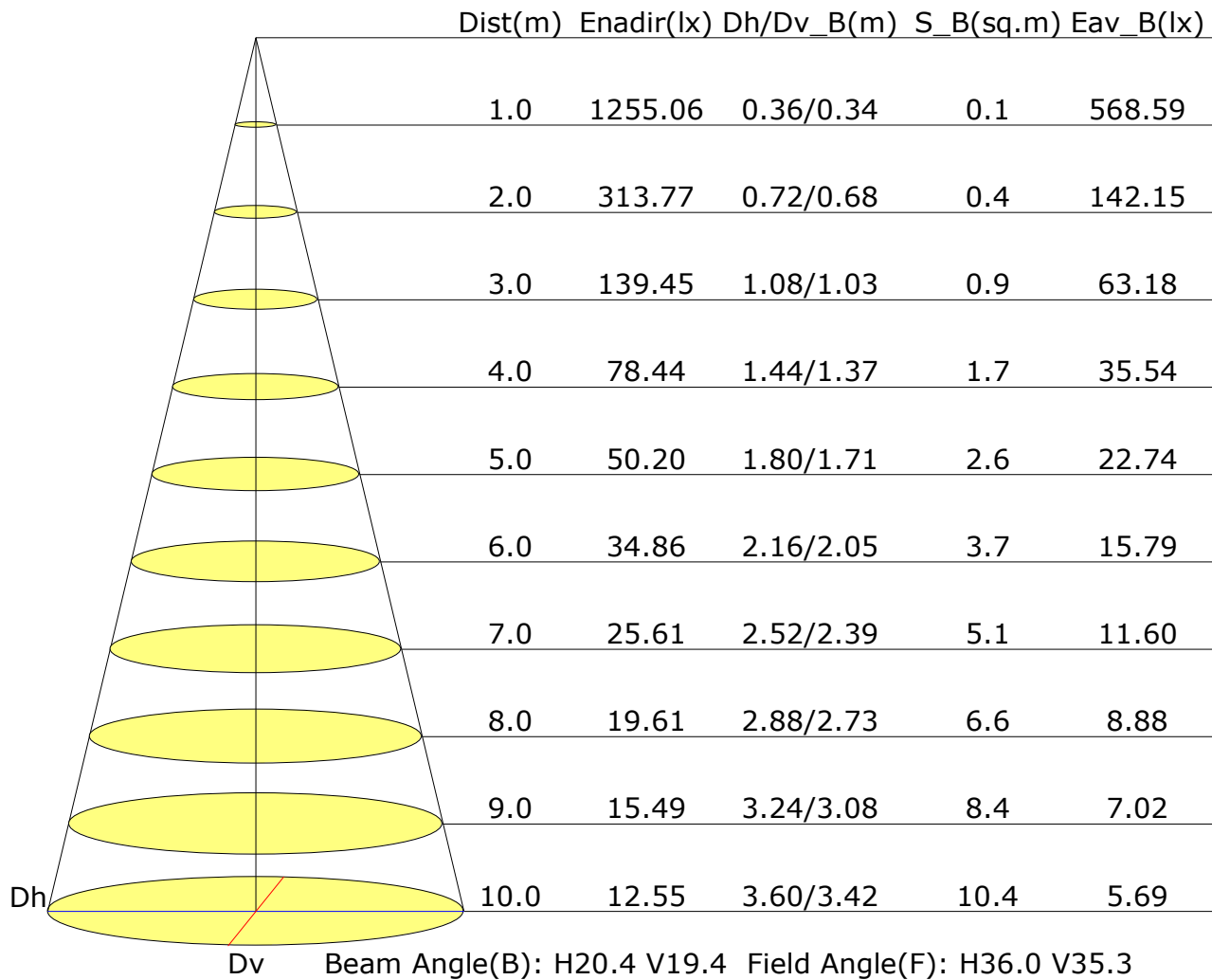


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	4	5	4	2	0	1	0	0	0
C90	7	7	4	2	2	1	1	1	0
C180	7	5	4	1	0	0	0	0	0
C270	2	4	2	1	0	1	1	1	0

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

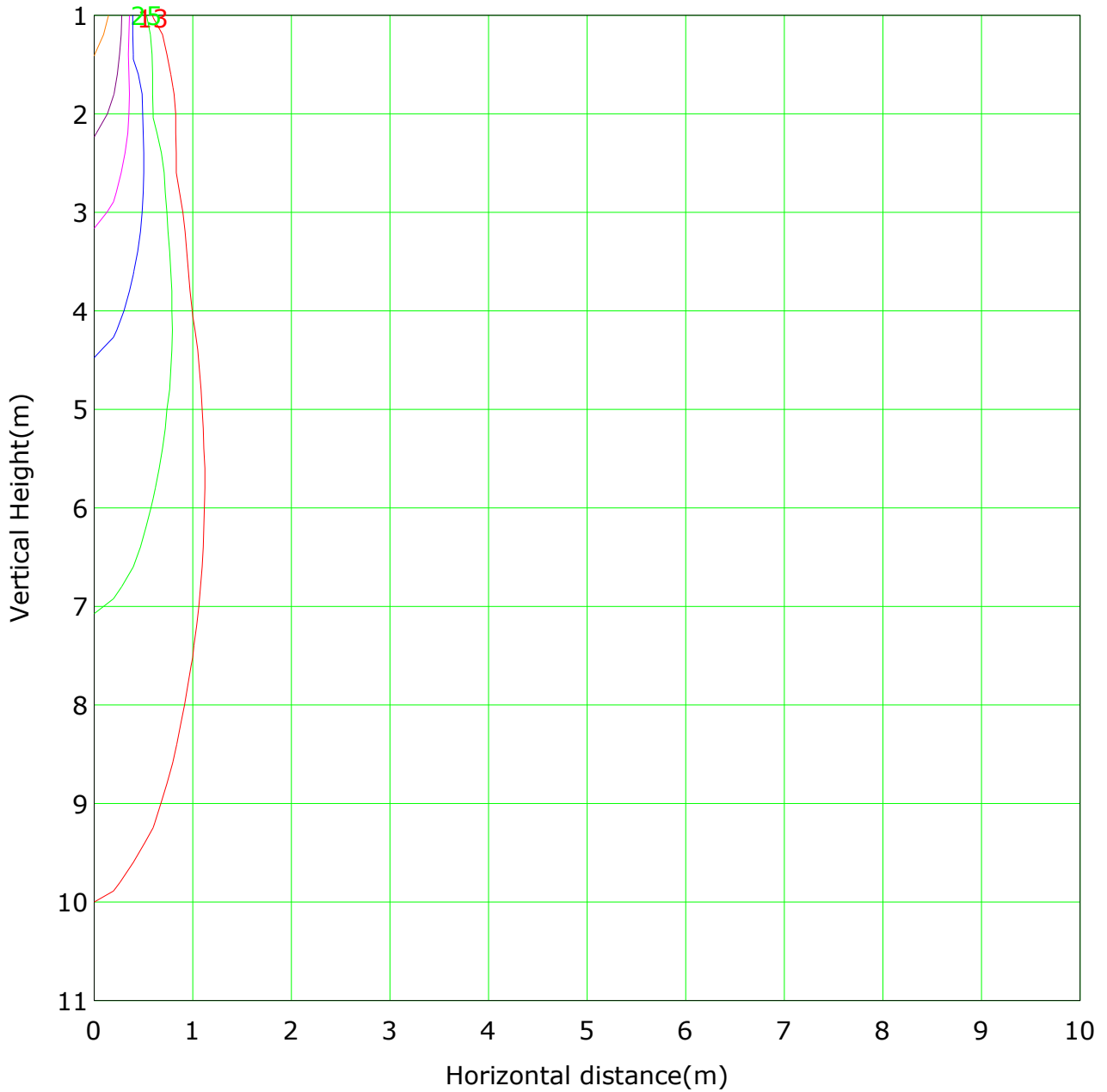
Illuminance at a Distance



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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Vertical IsoLux Plot



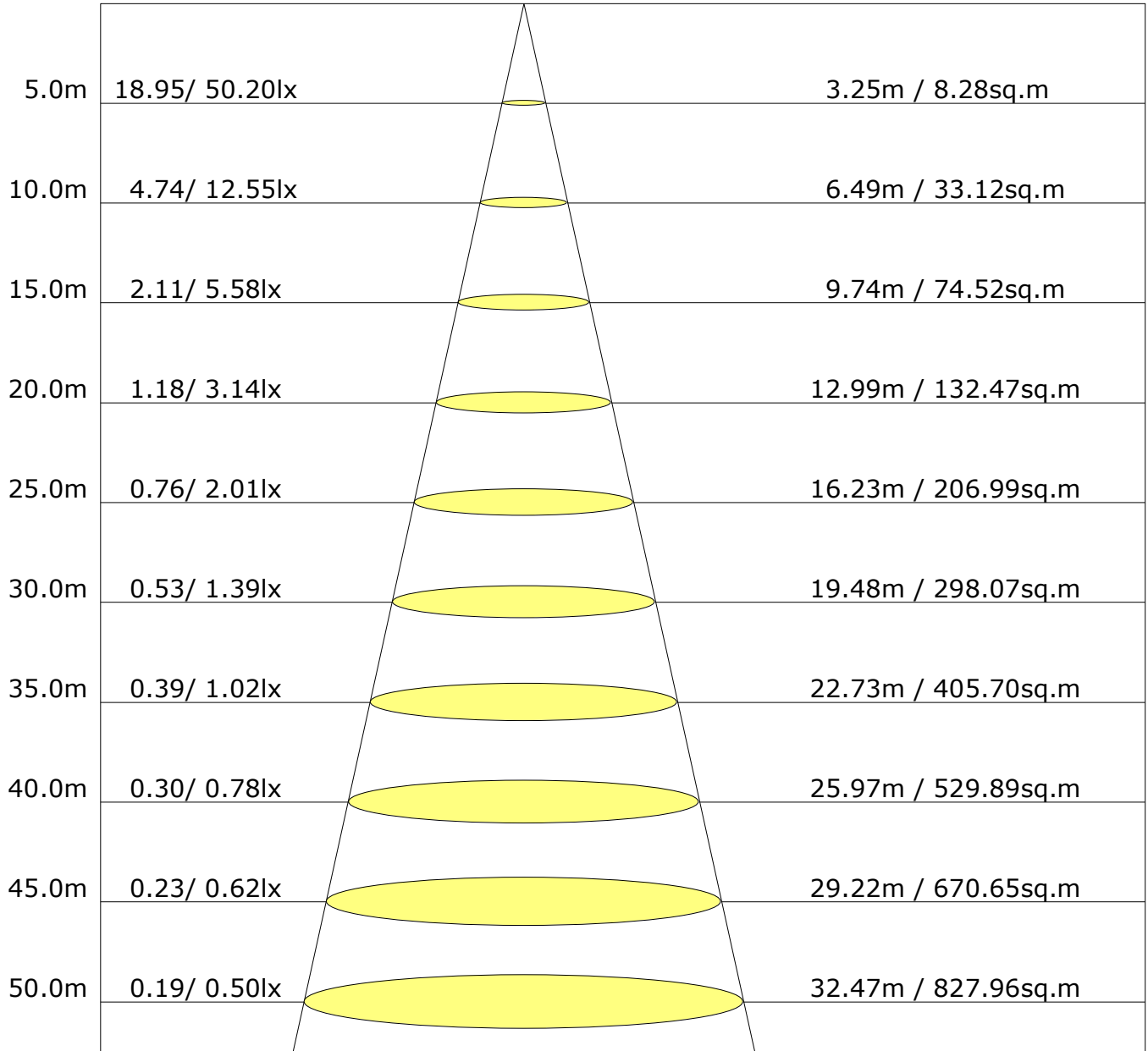
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1255.1 lx
 (1%): 12.6 lx (2%): 25.1 lx
 (5%): 62.8 lx (10%): 125.5 lx
 (20%): 251.0 lx (50%): 627.5 lx
 (100%): 1255.1 lx

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

The Average Illuminance Effective Figure

Flux Out: 156.91lm



Height

Avg./Nadir. E

Beam Angle:36.0°

Diameter / Area

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

UGR Table

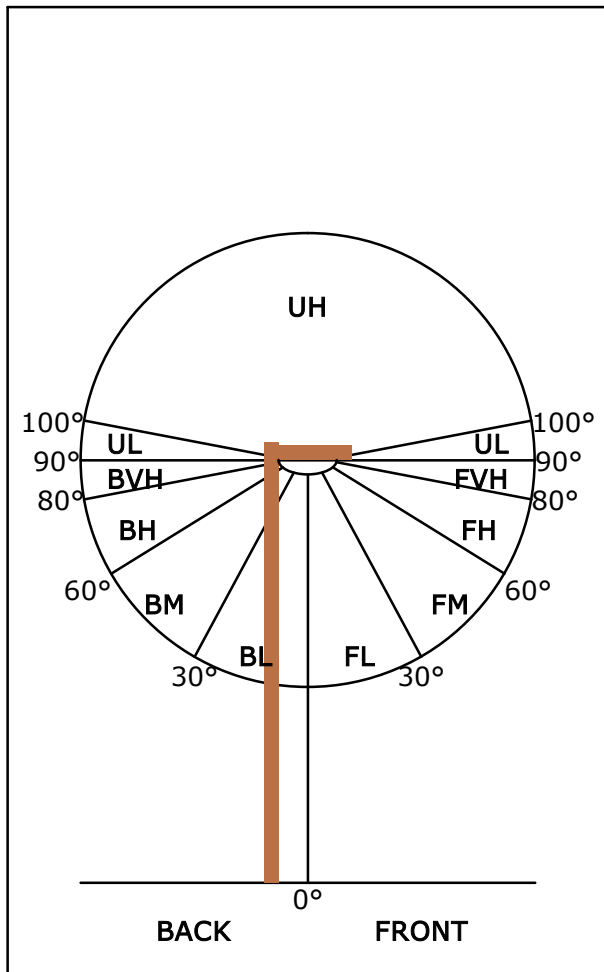
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
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 $214lm$ ($8\log(F/F_0) = -5.4$).

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



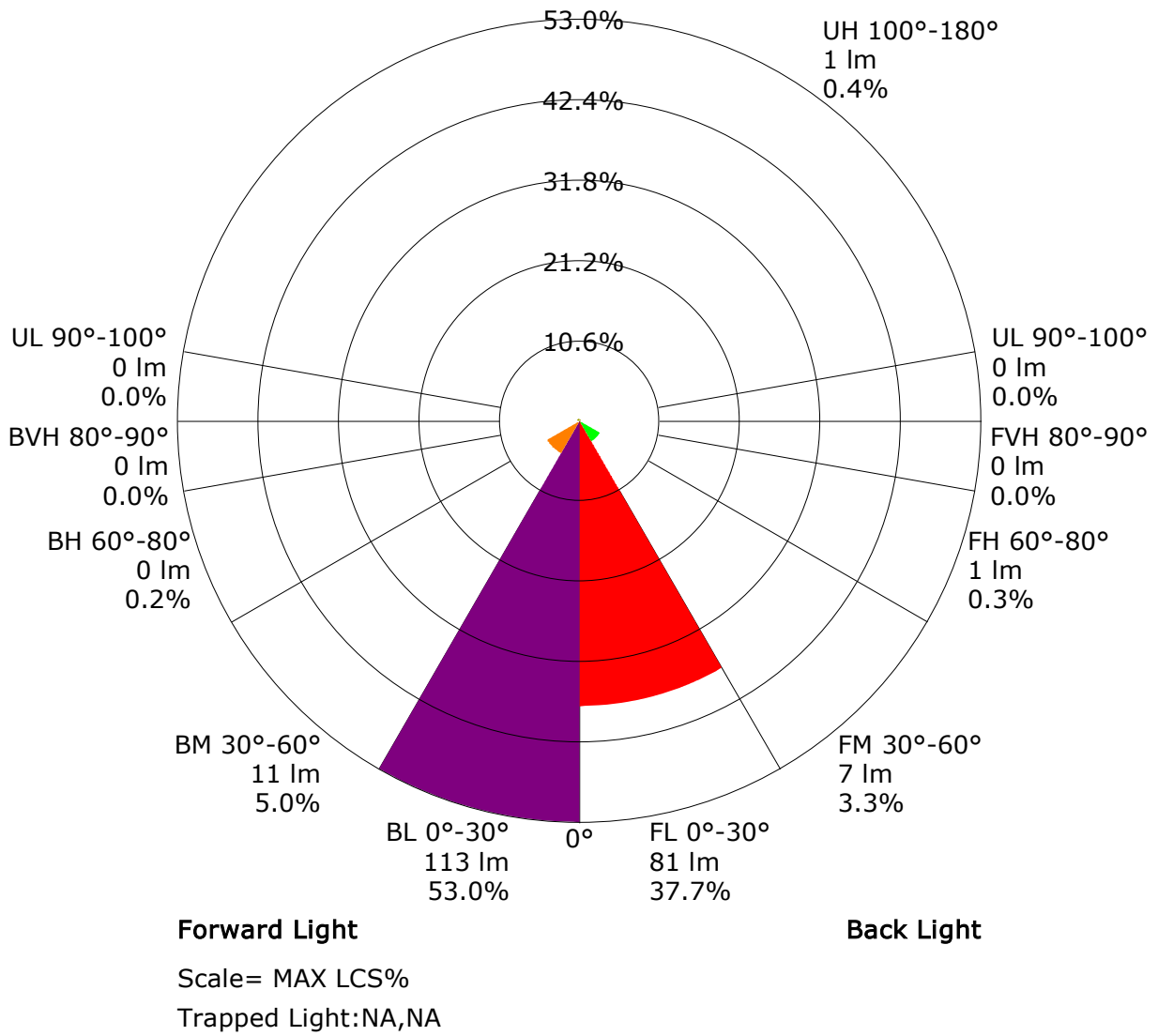
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	88	41.3
FL (0°-30°)	81	37.7
FM (30°-60°)	7	3.3
FH (60°-80°)	1	0.3
FVH (80°-90°)	0	0.0
BACK LIGHT	125	58.3
BL (0°-30°)	113	53.0
BM (30°-60°)	11	5.0
BH (60°-80°)	0	0.2
BVH (80°-90°)	0	0.0
UP LIGHT	1	0.4
UL (90°-100°)	0	0.0
UH (100°-180°)	1	0.4
TRAPPED LIGHT	NA	NA

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

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

LCS Graph



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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.94	0.98	1.01	1.03	1.06	1.08	1.10	1.12	1.13
	0.30		0.90	0.95	0.98	1.00	1.04	1.06	1.08	1.10	1.11
	0.20		0.87	0.92	0.95	0.98	1.01	1.04	1.06	1.08	1.10
0.50	0.50	0.20	0.92	0.97	0.99	1.01	1.04	1.05	1.06	1.08	1.09
	0.30		0.89	0.94	0.96	0.99	1.01	1.03	1.05	1.06	1.07
	0.20		0.87	0.91	0.94	0.96	1.00	1.02	1.03	1.05	1.06
0.30	0.50	0.20	0.91	0.95	0.97	0.99	1.01	1.02	1.03	1.04	1.05
	0.30		0.89	0.93	0.95	0.97	0.99	1.01	1.02	1.03	1.04
	0.20		0.87	0.91	0.93	0.95	0.98	0.99	1.01	1.02	1.03
0.00	0.00	0.00	0.85	0.89	0.91	0.93	0.95	0.96	0.97	0.98	0.98
<p>Rating:5W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.50									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.46	0.37	0.32	0.28	0.22	0.18	0.16	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		0.33	0.28	0.25	0.22	0.18	0.15	0.13	0.11	0.09	
0.50	0.50	0.20	0.43	0.35	0.29	0.25	0.20	0.21	0.14	0.11	0.09	
	0.30		0.37	0.30	0.26	0.23	0.18	0.15	0.13	0.10	0.08	
	0.20		0.32	0.27	0.23	0.21	0.17	0.14	0.12	0.10	0.08	
0.30	0.50	0.20	0.41	0.33	0.27	0.23	0.18	0.15	0.13	0.10	0.08	
	0.30		0.35	0.29	0.24	0.21	0.17	0.14	0.12	0.09	0.08	
	0.20		0.31	0.26	0.22	0.19	0.16	0.13	0.11	0.09	0.07	
0.00	0.00	0.00	0.16	0.12	0.10	0.09	0.07	0.05	0.04	0.03	0.03	
<p>Rating:5W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.50								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.12	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.21
	0.30		0.09	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19
0.50	0.50	0.20	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.20
	0.30		0.09	0.11	0.12	0.14	0.15	0.16	0.17	0.19	0.19
	0.20		0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.17	0.18
0.30	0.50	0.20	0.11	0.13	0.14	0.15	0.17	0.17	0.18	0.19	0.19
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.18
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<p>Rating:5W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-0.5	1235.7	0.3	0.3	0.14	0.14
0.5-1.0	1231.1	0.9	1.2	0.41	0.55
1.0-1.5	1225.9	1.5	2.6	0.69	1.24
1.5-2.0	1215.0	2.0	4.7	0.95	2.19
2.0-2.5	1200.3	2.6	7.3	1.21	3.39
2.5-3.0	1186.4	3.1	10.4	1.46	4.85
3.0-3.5	1168.7	3.6	14.0	1.70	6.55
3.5-4.0	1145.4	4.1	18.1	1.92	8.47
4.0-4.5	1121.1	4.6	22.7	2.13	10.60
4.5-5.0	1093.1	5.0	27.6	2.32	12.92
5.0-5.5	1061.4	5.3	33.0	2.49	15.40
5.5-6.0	1027.3	5.6	38.6	2.64	18.04
6.0-6.5	992.2	5.9	44.5	2.77	20.81
6.5-7.0	955.5	6.2	50.7	2.88	23.68
7.0-7.5	915.6	6.3	57.0	2.96	26.64
7.5-8.0	874.9	6.5	63.5	3.02	29.67
8.0-8.5	833.7	6.6	70.1	3.06	32.73
8.5-9.0	790.0	6.6	76.6	3.08	35.81
9.0-9.5	745.9	6.6	83.2	3.07	38.88
9.5-10.0	701.8	6.5	89.7	3.04	41.93
10.0-10.5	656.1	6.4	96.1	2.99	44.92
10.5-11.0	609.7	6.2	102.4	2.91	47.83
11.0-11.5	562.1	6.0	108.4	2.81	50.64
11.5-12.0	514.2	5.7	114.1	2.68	53.32
12.0-12.5	467.3	5.4	119.6	2.54	55.86
12.5-13.0	420.6	5.1	124.7	2.38	58.24
13.0-13.5	374.0	4.7	129.4	2.20	60.44
13.5-14.0	329.8	4.3	133.7	2.01	62.44
14.0-14.5	289.1	3.9	137.6	1.82	64.27
14.5-15.0	252.4	3.5	141.1	1.65	65.91
15.0-15.5	221.4	3.2	144.3	1.49	67.40
15.5-16.0	196.0	2.9	147.2	1.36	68.77
16.0-16.5	175.5	2.7	149.9	1.26	70.03
16.5-17.0	158.7	2.5	152.4	1.17	71.20
17.0-17.5	145.4	2.4	154.8	1.10	72.30
17.5-18.0	134.3	2.2	157.0	1.05	73.35

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 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 [%]
18.0-18.5	124.6	2.1	159.1	1.00	74.35
18.5-19.0	116.2	2.0	161.2	0.96	75.31
19.0-19.5	109.3	2.0	163.2	0.92	76.23
19.5-20.0	103.6	1.9	165.1	0.90	77.13
20.0-20.5	98.2	1.9	166.9	0.87	78.00
20.5-21.0	93.2	1.8	168.8	0.85	78.84
21.0-21.5	89.0	1.8	170.5	0.83	79.67
21.5-22.0	85.3	1.7	172.3	0.81	80.48
22.0-22.5	81.8	1.7	174.0	0.79	81.27
22.5-23.0	78.3	1.7	175.6	0.78	82.05
23.0-23.5	74.9	1.6	177.2	0.76	82.81
23.5-24.0	71.7	1.6	178.8	0.74	83.55
24.0-24.5	68.6	1.5	180.4	0.72	84.27
24.5-25.0	65.5	1.5	181.9	0.70	84.97
25.0-25.5	62.6	1.5	183.3	0.68	85.65
25.5-26.0	59.7	1.4	184.8	0.66	86.32
26.0-26.5	56.7	1.4	186.1	0.64	86.96
26.5-27.0	53.5	1.3	187.5	0.62	87.58
27.0-27.5	50.4	1.3	188.7	0.59	88.17
27.5-28.0	47.6	1.2	189.9	0.57	88.74
28.0-28.5	44.8	1.2	191.1	0.54	89.28
28.5-29.0	42.1	1.1	192.2	0.52	89.80
29.0-29.5	39.2	1.1	193.3	0.49	90.29
29.5-30.0	36.4	1.0	194.2	0.46	90.75
30.0-30.5	33.9	0.9	195.2	0.44	91.19
30.5-31.0	31.6	0.9	196.1	0.41	91.61
31.0-31.5	29.4	0.8	196.9	0.39	92.00
31.5-32.0	27.2	0.8	197.7	0.37	92.36
32.0-32.5	25.2	0.7	198.4	0.34	92.71
32.5-33.0	23.3	0.7	199.1	0.32	93.03
33.0-33.5	21.6	0.6	199.8	0.30	93.33
33.5-34.0	19.9	0.6	200.4	0.28	93.62
34.0-34.5	18.3	0.6	200.9	0.26	93.88
34.5-35.0	16.7	0.5	201.5	0.24	94.12
35.0-35.5	15.2	0.5	201.9	0.22	94.35
35.5-36.0	13.8	0.4	202.4	0.21	94.55

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 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 [%]
36.0-36.5	12.6	0.4	202.8	0.19	94.74
36.5-37.0	11.5	0.4	203.2	0.18	94.92
37.0-37.5	10.5	0.3	203.5	0.16	95.08
37.5-38.0	9.7	0.3	203.8	0.15	95.24
38.0-38.5	9.1	0.3	204.1	0.14	95.38
38.5-39.0	8.5	0.3	204.4	0.14	95.52
39.0-39.5	7.8	0.3	204.7	0.13	95.64
39.5-40.0	7.1	0.2	205.0	0.12	95.76
40.0-40.5	6.6	0.2	205.2	0.11	95.87
40.5-41.0	6.2	0.2	205.4	0.10	95.97
41.0-41.5	5.9	0.2	205.6	0.10	96.07
41.5-42.0	5.9	0.2	205.8	0.10	96.17
42.0-42.5	6.0	0.2	206.1	0.10	96.27
42.5-43.0	5.8	0.2	206.3	0.10	96.38
43.0-43.5	5.5	0.2	206.5	0.10	96.47
43.5-44.0	5.3	0.2	206.7	0.09	96.57
44.0-44.5	5.1	0.2	206.9	0.09	96.66
44.5-45.0	4.9	0.2	207.1	0.09	96.74
45.0-45.5	4.8	0.2	207.3	0.09	96.83
45.5-46.0	4.7	0.2	207.4	0.09	96.92
46.0-46.5	4.7	0.2	207.6	0.09	97.01
46.5-47.0	4.6	0.2	207.8	0.08	97.09
47.0-47.5	4.6	0.2	208.0	0.09	97.18
47.5-48.0	4.7	0.2	208.2	0.09	97.27
48.0-48.5	4.7	0.2	208.4	0.09	97.36
48.5-49.0	4.9	0.2	208.6	0.09	97.45
49.0-49.5	5.1	0.2	208.8	0.10	97.55
49.5-50.0	5.1	0.2	209.0	0.10	97.65
50.0-50.5	5.1	0.2	209.2	0.10	97.75
50.5-51.0	5.0	0.2	209.4	0.10	97.85
51.0-51.5	5.0	0.2	209.6	0.10	97.95
51.5-52.0	4.8	0.2	209.8	0.10	98.04
52.0-52.5	4.6	0.2	210.0	0.09	98.14
52.5-53.0	4.5	0.2	210.2	0.09	98.23
53.0-53.5	4.2	0.2	210.4	0.09	98.31
53.5-54.0	3.9	0.2	210.6	0.08	98.40

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 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 [%]
54.0-54.5	3.6	0.2	210.8	0.08	98.47
54.5-55.0	3.4	0.2	210.9	0.07	98.54
55.0-55.5	3.1	0.1	211.1	0.07	98.61
55.5-56.0	3.0	0.1	211.2	0.06	98.67
56.0-56.5	2.8	0.1	211.3	0.06	98.73
56.5-57.0	2.7	0.1	211.4	0.06	98.79
57.0-57.5	2.6	0.1	211.6	0.06	98.84
57.5-58.0	2.4	0.1	211.7	0.05	98.90
58.0-58.5	2.1	0.1	211.8	0.05	98.94
58.5-59.0	1.9	0.1	211.9	0.04	98.98
59.0-59.5	1.7	0.1	211.9	0.04	99.02
59.5-60.0	1.5	0.1	212.0	0.03	99.05
60.0-60.5	1.3	0.1	212.1	0.03	99.08
60.5-61.0	1.2	0.1	212.1	0.03	99.11
61.0-61.5	1.0	0.0	212.2	0.02	99.13
61.5-62.0	0.9	0.0	212.2	0.02	99.15
62.0-62.5	1.0	0.0	212.3	0.02	99.18
62.5-63.0	0.8	0.0	212.3	0.02	99.19
63.0-63.5	0.8	0.0	212.3	0.02	99.21
63.5-64.0	0.7	0.0	212.4	0.02	99.23
64.0-64.5	0.7	0.0	212.4	0.02	99.24
64.5-65.0	0.6	0.0	212.4	0.01	99.26
65.0-65.5	0.5	0.0	212.5	0.01	99.27
65.5-66.0	0.4	0.0	212.5	0.01	99.28
66.0-66.5	0.5	0.0	212.5	0.01	99.29
66.5-67.0	0.6	0.0	212.5	0.01	99.30
67.0-67.5	0.6	0.0	212.6	0.01	99.32
67.5-68.0	0.6	0.0	212.6	0.01	99.33
68.0-68.5	0.7	0.0	212.6	0.02	99.35
68.5-69.0	0.7	0.0	212.7	0.02	99.37
69.0-69.5	0.7	0.0	212.7	0.02	99.38
69.5-70.0	0.6	0.0	212.7	0.01	99.39
70.0-70.5	0.6	0.0	212.8	0.01	99.41
70.5-71.0	0.5	0.0	212.8	0.01	99.42
71.0-71.5	0.3	0.0	212.8	0.01	99.43
71.5-72.0	0.3	0.0	212.8	0.01	99.43

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 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 [%]
72.0-72.5	0.3	0.0	212.8	0.01	99.44
72.5-73.0	0.3	0.0	212.9	0.01	99.45
73.0-73.5	0.4	0.0	212.9	0.01	99.46
73.5-74.0	0.3	0.0	212.9	0.01	99.47
74.0-74.5	0.3	0.0	212.9	0.01	99.47
74.5-75.0	0.3	0.0	212.9	0.01	99.48
75.0-75.5	0.3	0.0	212.9	0.01	99.49
75.5-76.0	0.3	0.0	213.0	0.01	99.50
76.0-76.5	0.3	0.0	213.0	0.01	99.51
76.5-77.0	0.3	0.0	213.0	0.01	99.51
77.0-77.5	0.3	0.0	213.0	0.01	99.52
77.5-78.0	0.2	0.0	213.0	0.00	99.53
78.0-78.5	0.2	0.0	213.0	0.00	99.53
78.5-79.0	0.2	0.0	213.0	0.00	99.53
79.0-79.5	0.2	0.0	213.1	0.01	99.54
79.5-80.0	0.3	0.0	213.1	0.01	99.55
80.0-80.5	0.2	0.0	213.1	0.01	99.55
80.5-81.0	0.2	0.0	213.1	0.01	99.56
81.0-81.5	0.2	0.0	213.1	0.00	99.56
81.5-82.0	0.2	0.0	213.1	0.00	99.57
82.0-82.5	0.2	0.0	213.1	0.00	99.57
82.5-83.0	0.1	0.0	213.1	0.00	99.57
83.0-83.5	0.1	0.0	213.1	0.00	99.58
83.5-84.0	0.1	0.0	213.1	0.00	99.58
84.0-84.5	0.1	0.0	213.1	0.00	99.58
84.5-85.0	0.1	0.0	213.2	0.00	99.59
85.0-85.5	0.1	0.0	213.2	0.00	99.59
85.5-86.0	0.1	0.0	213.2	0.00	99.59
86.0-86.5	0.1	0.0	213.2	0.00	99.59
86.5-87.0	0.1	0.0	213.2	0.00	99.60
87.0-87.5	0.1	0.0	213.2	0.00	99.60
87.5-88.0	0.1	0.0	213.2	0.00	99.60
88.0-88.5	0.1	0.0	213.2	0.00	99.61
88.5-89.0	0.1	0.0	213.2	0.00	99.61
89.0-89.5	0.1	0.0	213.2	0.00	99.61
89.5-90.0	0.1	0.0	213.2	0.00	99.61

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 5)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
90.0-90.5	0.0	0.0	213.2	0.00	99.62
90.5-91.0	0.0	0.0	213.2	0.00	99.62
91.0-91.5	0.1	0.0	213.2	0.00	99.62
91.5-92.0	0.1	0.0	213.2	0.00	99.62
92.0-92.5	0.1	0.0	213.2	0.00	99.62
92.5-93.0	0.1	0.0	213.2	0.00	99.62
93.0-93.5	0.1	0.0	213.2	0.00	99.63
93.5-94.0	0.1	0.0	213.2	0.00	99.63
94.0-94.5	0.1	0.0	213.2	0.00	99.63
94.5-95.0	0.1	0.0	213.2	0.00	99.63
95.0-95.5	0.1	0.0	213.3	0.00	99.63
95.5-96.0	0.1	0.0	213.3	0.00	99.63
96.0-96.5	0.1	0.0	213.3	0.00	99.64
96.5-97.0	0.1	0.0	213.3	0.00	99.64
97.0-97.5	0.1	0.0	213.3	0.00	99.64
97.5-98.0	0.1	0.0	213.3	0.00	99.64
98.0-98.5	0.0	0.0	213.3	0.00	99.64
98.5-99.0	0.0	0.0	213.3	0.00	99.64
99.0-99.5	0.0	0.0	213.3	0.00	99.64
99.5-100.0	0.1	0.0	213.3	0.00	99.65
100.0-100.5	0.1	0.0	213.3	0.00	99.65
100.5-101.0	0.1	0.0	213.3	0.00	99.65
101.0-101.5	0.1	0.0	213.3	0.00	99.65
101.5-102.0	0.1	0.0	213.3	0.00	99.65
102.0-102.5	0.1	0.0	213.3	0.00	99.65
102.5-103.0	0.1	0.0	213.3	0.00	99.66
103.0-103.5	0.1	0.0	213.3	0.00	99.66
103.5-104.0	0.1	0.0	213.3	0.00	99.66
104.0-104.5	0.1	0.0	213.3	0.00	99.66
104.5-105.0	0.1	0.0	213.3	0.00	99.66
105.0-105.5	0.1	0.0	213.3	0.00	99.66
105.5-106.0	0.1	0.0	213.3	0.00	99.67
106.0-106.5	0.1	0.0	213.3	0.00	99.67
106.5-107.0	0.0	0.0	213.3	0.00	99.67
107.0-107.5	0.0	0.0	213.3	0.00	99.67
107.5-108.0	0.0	0.0	213.3	0.00	99.67

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 6)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-108.5	0.1	0.0	213.3	0.00	99.67
108.5-109.0	0.1	0.0	213.3	0.00	99.67
109.0-109.5	0.1	0.0	213.3	0.00	99.68
109.5-110.0	0.1	0.0	213.3	0.00	99.68
110.0-110.5	0.0	0.0	213.3	0.00	99.68
110.5-111.0	0.1	0.0	213.4	0.00	99.68
111.0-111.5	0.1	0.0	213.4	0.00	99.68
111.5-112.0	0.1	0.0	213.4	0.00	99.68
112.0-112.5	0.1	0.0	213.4	0.00	99.68
112.5-113.0	0.1	0.0	213.4	0.00	99.69
113.0-113.5	0.1	0.0	213.4	0.00	99.69
113.5-114.0	0.1	0.0	213.4	0.00	99.69
114.0-114.5	0.1	0.0	213.4	0.00	99.69
114.5-115.0	0.1	0.0	213.4	0.00	99.69
115.0-115.5	0.1	0.0	213.4	0.00	99.69
115.5-116.0	0.1	0.0	213.4	0.00	99.69
116.0-116.5	0.1	0.0	213.4	0.00	99.70
116.5-117.0	0.1	0.0	213.4	0.00	99.70
117.0-117.5	0.1	0.0	213.4	0.00	99.70
117.5-118.0	0.1	0.0	213.4	0.00	99.70
118.0-118.5	0.0	0.0	213.4	0.00	99.70
118.5-119.0	0.1	0.0	213.4	0.00	99.70
119.0-119.5	0.1	0.0	213.4	0.00	99.71
119.5-120.0	0.1	0.0	213.4	0.00	99.71
120.0-120.5	0.1	0.0	213.4	0.00	99.71
120.5-121.0	0.1	0.0	213.4	0.00	99.71
121.0-121.5	0.1	0.0	213.4	0.00	99.71
121.5-122.0	0.0	0.0	213.4	0.00	99.71
122.0-122.5	0.1	0.0	213.4	0.00	99.71
122.5-123.0	0.1	0.0	213.4	0.00	99.71
123.0-123.5	0.1	0.0	213.4	0.00	99.72
123.5-124.0	0.1	0.0	213.4	0.00	99.72
124.0-124.5	0.1	0.0	213.4	0.00	99.72
124.5-125.0	0.1	0.0	213.4	0.00	99.72
125.0-125.5	0.1	0.0	213.4	0.00	99.72
125.5-126.0	0.1	0.0	213.4	0.00	99.72

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 7)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
126.0-126.5	0.0	0.0	213.4	0.00	99.73
126.5-127.0	0.1	0.0	213.5	0.00	99.73
127.0-127.5	0.1	0.0	213.5	0.00	99.73
127.5-128.0	0.1	0.0	213.5	0.00	99.73
128.0-128.5	0.1	0.0	213.5	0.00	99.73
128.5-129.0	0.1	0.0	213.5	0.00	99.73
129.0-129.5	0.1	0.0	213.5	0.00	99.73
129.5-130.0	0.1	0.0	213.5	0.00	99.73
130.0-130.5	0.1	0.0	213.5	0.00	99.74
130.5-131.0	0.1	0.0	213.5	0.00	99.74
131.0-131.5	0.1	0.0	213.5	0.00	99.74
131.5-132.0	0.1	0.0	213.5	0.00	99.74
132.0-132.5	0.1	0.0	213.5	0.00	99.74
132.5-133.0	0.1	0.0	213.5	0.00	99.75
133.0-133.5	0.1	0.0	213.5	0.00	99.75
133.5-134.0	0.1	0.0	213.5	0.00	99.75
134.0-134.5	0.1	0.0	213.5	0.00	99.75
134.5-135.0	0.0	0.0	213.5	0.00	99.75
135.0-135.5	0.1	0.0	213.5	0.00	99.75
135.5-136.0	0.1	0.0	213.5	0.00	99.75
136.0-136.5	0.1	0.0	213.5	0.00	99.75
136.5-137.0	0.1	0.0	213.5	0.00	99.76
137.0-137.5	0.1	0.0	213.5	0.00	99.76
137.5-138.0	0.1	0.0	213.5	0.00	99.76
138.0-138.5	0.1	0.0	213.5	0.00	99.76
138.5-139.0	0.1	0.0	213.5	0.00	99.76
139.0-139.5	0.1	0.0	213.5	0.00	99.77
139.5-140.0	0.1	0.0	213.5	0.00	99.77
140.0-140.5	0.1	0.0	213.5	0.00	99.77
140.5-141.0	0.1	0.0	213.6	0.00	99.77
141.0-141.5	0.2	0.0	213.6	0.00	99.78
141.5-142.0	0.1	0.0	213.6	0.00	99.78
142.0-142.5	0.1	0.0	213.6	0.00	99.78
142.5-143.0	0.1	0.0	213.6	0.00	99.78
143.0-143.5	0.2	0.0	213.6	0.00	99.78
143.5-144.0	0.1	0.0	213.6	0.00	99.79

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 8)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-144.5	0.1	0.0	213.6	0.00	99.79
144.5-145.0	0.1	0.0	213.6	0.00	99.79
145.0-145.5	0.2	0.0	213.6	0.00	99.79
145.5-146.0	0.1	0.0	213.6	0.00	99.79
146.0-146.5	0.2	0.0	213.6	0.00	99.80
146.5-147.0	0.2	0.0	213.6	0.00	99.80
147.0-147.5	0.2	0.0	213.6	0.00	99.80
147.5-148.0	0.2	0.0	213.6	0.00	99.81
148.0-148.5	0.2	0.0	213.6	0.00	99.81
148.5-149.0	0.2	0.0	213.6	0.00	99.81
149.0-149.5	0.2	0.0	213.6	0.00	99.81
149.5-150.0	0.2	0.0	213.6	0.00	99.82
150.0-150.5	0.2	0.0	213.6	0.00	99.82
150.5-151.0	0.2	0.0	213.7	0.00	99.82
151.0-151.5	0.3	0.0	213.7	0.00	99.82
151.5-152.0	0.3	0.0	213.7	0.00	99.83
152.0-152.5	0.3	0.0	213.7	0.00	99.83
152.5-153.0	0.3	0.0	213.7	0.00	99.84
153.0-153.5	0.3	0.0	213.7	0.00	99.84
153.5-154.0	0.4	0.0	213.7	0.00	99.84
154.0-154.5	0.4	0.0	213.7	0.00	99.85
154.5-155.0	0.4	0.0	213.7	0.00	99.85
155.0-155.5	0.4	0.0	213.7	0.00	99.86
155.5-156.0	0.4	0.0	213.7	0.00	99.86
156.0-156.5	0.4	0.0	213.7	0.00	99.86
156.5-157.0	0.4	0.0	213.8	0.00	99.87
157.0-157.5	0.4	0.0	213.8	0.00	99.87
157.5-158.0	0.4	0.0	213.8	0.00	99.88
158.0-158.5	0.5	0.0	213.8	0.00	99.88
158.5-159.0	0.5	0.0	213.8	0.00	99.88
159.0-159.5	0.6	0.0	213.8	0.01	99.89
159.5-160.0	0.7	0.0	213.8	0.01	99.90
160.0-160.5	0.7	0.0	213.8	0.01	99.90
160.5-161.0	0.6	0.0	213.8	0.01	99.91
161.0-161.5	0.5	0.0	213.8	0.00	99.91
161.5-162.0	0.5	0.0	213.9	0.00	99.91

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 9)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
162.0-162.5	0.5	0.0	213.9	0.00	99.92
162.5-163.0	0.5	0.0	213.9	0.00	99.92
163.0-163.5	0.6	0.0	213.9	0.00	99.93
163.5-164.0	0.7	0.0	213.9	0.00	99.93
164.0-164.5	0.7	0.0	213.9	0.00	99.94
164.5-165.0	0.8	0.0	213.9	0.01	99.94
165.0-165.5	0.7	0.0	213.9	0.00	99.95
165.5-166.0	0.6	0.0	213.9	0.00	99.95
166.0-166.5	0.6	0.0	213.9	0.00	99.95
166.5-167.0	0.6	0.0	213.9	0.00	99.96
167.0-167.5	0.6	0.0	214.0	0.00	99.96
167.5-168.0	0.6	0.0	214.0	0.00	99.96
168.0-168.5	0.5	0.0	214.0	0.00	99.97
168.5-169.0	0.6	0.0	214.0	0.00	99.97
169.0-169.5	0.6	0.0	214.0	0.00	99.97
169.5-170.0	0.6	0.0	214.0	0.00	99.98
170.0-170.5	0.6	0.0	214.0	0.00	99.98
170.5-171.0	0.6	0.0	214.0	0.00	99.98
171.0-171.5	0.5	0.0	214.0	0.00	99.98
171.5-172.0	0.5	0.0	214.0	0.00	99.98
172.0-172.5	0.5	0.0	214.0	0.00	99.99
172.5-173.0	0.6	0.0	214.0	0.00	99.99
173.0-173.5	0.6	0.0	214.0	0.00	99.99
173.5-174.0	0.6	0.0	214.0	0.00	99.99
174.0-174.5	0.6	0.0	214.0	0.00	99.99
174.5-175.0	0.6	0.0	214.0	0.00	99.99
175.0-175.5	0.5	0.0	214.0	0.00	100.00
175.5-176.0	0.5	0.0	214.0	0.00	100.00
176.0-176.5	0.4	0.0	214.0	0.00	100.00
176.5-177.0	0.3	0.0	214.0	0.00	100.00
177.0-177.5	0.4	0.0	214.0	0.00	100.00
177.5-178.0	0.6	0.0	214.0	0.00	100.00
178.0-178.5	0.6	0.0	214.0	0.00	100.00
178.5-179.0	0.5	0.0	214.0	0.00	100.00
179.0-179.5	0.4	0.0	214.0	0.00	100.00
179.5-180.0	0.3	0.0	214.0	0.00	100.00

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	1255.1	1233.3	1228.0	1238.9	1255.1	1233.3	1228.0	1238.9	1255.1	
G0.5	1244.5	1248.7	1242.6	1257.4	1259.7	1218.3	1199.2	1189.5	1244.5	
G1.0	1234.7	1251.7	1267.7	1278.2	1261.5	1213.3	1160.2	1171.1	1234.7	
G1.5	1213.5	1244.0	1283.6	1297.1	1286.7	1190.7	1120.9	1139.0	1213.5	
G2.0	1181.8	1237.8	1288.3	1324.1	1286.3	1174.6	1079.1	1093.0	1181.8	
G2.5	1152.3	1222.5	1291.9	1337.4	1292.6	1149.7	1042.1	1050.5	1152.3	
G3.0	1130.8	1198.1	1288.9	1353.1	1309.7	1126.1	1013.3	1023.7	1130.8	
G3.5	1095.8	1176.9	1280.4	1355.4	1308.8	1090.9	972.7	973.9	1095.8	
G4.0	1052.7	1144.2	1260.9	1357.4	1307.5	1074.9	938.8	934.5	1052.7	
G4.5	1000.4	1114.0	1259.5	1343.0	1303.5	1053.5	907.5	885.5	1000.4	
G5.0	962.1	1073.9	1228.2	1320.9	1295.4	1027.3	882.0	832.3	962.1	
G5.5	915.5	1042.6	1211.0	1303.8	1272.1	999.0	833.7	783.2	915.5	
G6.0	863.6	1004.1	1178.4	1280.4	1242.1	973.6	798.9	735.0	863.6	
G6.5	817.8	967.0	1154.9	1250.1	1210.6	947.9	760.0	690.2	817.8	
G7.0	768.9	927.5	1123.1	1216.7	1174.1	902.6	720.9	655.8	768.9	
G7.5	729.2	892.2	1069.9	1188.3	1122.4	870.6	677.3	609.8	729.2	
G8.0	681.0	843.8	1034.9	1145.1	1074.2	836.7	643.7	580.1	681.0	
G8.5	640.7	790.5	987.5	1117.6	1030.1	796.0	598.0	538.4	640.7	
G9.0	590.2	742.6	935.2	1080.1	976.5	754.1	557.7	504.1	590.2	
G9.5	555.7	689.3	876.0	1043.2	927.4	713.2	525.4	463.8	555.7	
G10.0	515.0	638.3	821.0	1000.3	875.2	670.5	486.4	427.7	515.0	
G10.5	473.3	583.6	763.0	945.9	823.5	624.3	448.2	400.8	473.3	
G11.0	437.3	530.5	698.5	900.4	769.1	578.5	415.5	363.4	437.3	
G11.5	391.8	480.1	637.0	837.4	720.1	527.3	377.9	328.2	391.8	
G12.0	358.6	432.8	580.4	775.7	663.4	485.7	341.0	290.5	358.6	
G12.5	317.9	387.3	517.7	707.9	616.5	443.8	304.0	253.6	317.9	
G13.0	278.6	349.1	467.1	638.4	561.4	402.1	264.5	219.2	278.6	
G13.5	241.2	309.8	415.4	560.9	507.4	356.6	228.2	184.7	241.2	
G14.0	209.9	273.2	373.2	497.0	461.3	312.6	192.0	152.8	209.9	
G14.5	181.1	240.3	334.4	433.9	406.7	274.3	158.8	124.4	181.1	
G15.0	157.1	212.3	295.8	381.7	354.9	243.6	132.8	106.9	157.1	
G15.5	136.9	189.2	263.0	336.1	314.4	209.5	112.6	95.0	136.9	
G16.0	122.4	170.4	236.8	301.9	277.6	183.1	100.3	87.4	122.4	
G16.5	109.2	152.8	215.5	271.6	246.7	158.1	92.2	82.0	109.2	
G17.0	101.0	139.3	199.3	246.6	221.0	139.2	87.1	77.5	101.0	
G17.5	94.3	128.4	183.6	225.6	201.1	127.1	82.3	73.6	94.3	
G18.0	89.4	119.1	170.8	206.5	182.4	116.7	78.0	69.9	89.4	

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G18.5	85.0	112.2	157.6	190.7	165.9	108.1	74.4	66.4	85.0	
G19.0	80.1	105.1	148.2	177.7	152.8	101.8	69.2	63.5	80.1	
G19.5	76.7	101.5	138.2	165.8	144.9	96.0	66.3	60.6	76.7	
G20.0	73.0	96.3	131.9	157.4	136.4	90.5	63.8	57.9	73.0	
G20.5	69.9	92.6	125.8	148.4	126.4	85.2	61.3	54.8	69.9	
G21.0	66.9	88.1	119.1	141.3	120.2	80.9	58.2	52.6	66.9	
G21.5	63.9	85.1	114.2	134.1	115.6	77.3	56.4	50.3	63.9	
G22.0	61.2	81.7	109.2	128.9	109.3	73.4	55.6	49.4	61.2	
G22.5	58.7	78.6	105.1	124.0	104.5	69.5	53.4	47.2	58.7	
G23.0	56.0	74.9	100.3	118.1	99.6	66.3	51.4	45.5	56.0	
G23.5	52.5	72.2	97.0	113.5	94.6	63.4	49.1	43.4	52.5	
G24.0	50.8	69.6	92.7	109.2	91.4	60.2	47.0	40.0	50.8	
G24.5	48.6	66.5	90.1	105.1	86.6	58.0	44.4	37.4	48.6	
G25.0	45.6	63.2	86.2	100.5	83.4	55.9	42.1	35.0	45.6	
G25.5	42.9	60.5	83.2	97.2	79.6	52.5	39.2	34.4	42.9	
G26.0	39.7	57.4	80.3	93.0	77.2	50.2	36.7	31.6	39.7	
G26.5	36.8	54.8	75.9	90.4	73.8	48.0	33.3	28.8	36.8	
G27.0	33.3	50.8	73.1	86.9	70.5	45.2	30.2	24.7	33.3	
G27.5	30.3	48.1	70.1	82.9	67.7	42.3	27.2	22.5	30.3	
G28.0	27.8	46.3	67.8	79.5	64.8	39.0	24.4	20.4	27.8	
G28.5	25.0	43.3	65.0	76.2	61.3	36.2	22.0	18.4	25.0	
G29.0	22.7	40.1	61.8	73.1	58.4	33.4	20.1	16.6	22.7	
G29.5	20.8	35.6	58.0	69.3	54.8	30.2	18.1	14.9	20.8	
G30.0	18.7	33.4	55.2	66.3	51.8	27.0	15.1	13.4	18.7	
G30.5	17.2	30.7	52.6	63.1	48.0	24.8	13.5	12.0	17.2	
G31.0	15.4	29.6	50.3	58.5	44.8	22.4	12.0	10.8	15.4	
G31.5	14.1	27.4	46.5	55.1	41.8	20.6	10.6	9.6	14.1	
G32.0	12.7	25.4	43.5	51.9	37.0	18.7	11.0	8.7	12.7	
G32.5	11.4	23.5	41.0	48.8	34.1	16.8	10.4	7.9	11.4	
G33.0	10.5	21.5	38.0	46.9	30.9	15.4	9.4	6.9	10.5	
G33.5	9.6	19.7	34.9	44.4	30.0	14.1	7.2	6.5	9.6	
G34.0	8.2	17.9	32.3	40.9	27.3	12.8	6.6	5.8	8.2	
G34.5	8.1	16.5	29.8	38.4	24.6	11.7	5.9	5.1	8.1	
G35.0	7.5	14.8	27.1	35.6	21.1	10.7	5.4	4.9	7.5	
G35.5	7.1	13.5	24.3	33.2	18.6	9.7	4.9	4.5	7.1	
G36.0	6.5	12.2	21.5	30.3	16.7	8.9	4.6	4.2	6.5	
G36.5	6.1	11.1	19.3	27.7	14.7	8.1	5.8	3.8	6.1	

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	5.8	10.2	17.0	25.2	13.3	7.4	5.4	3.6	5.8	
G37.5	5.5	9.1	15.2	22.9	11.9	6.9	5.0	3.4	5.5	
G38.0	5.4	8.6	13.7	20.4	10.8	6.5	4.9	4.6	5.4	
G38.5	5.2	7.8	12.4	18.5	11.6	6.0	4.8	4.4	5.2	
G39.0	4.9	7.3	11.3	16.6	10.8	5.6	4.6	4.3	4.9	
G39.5	5.0	7.5	10.8	14.9	10.0	5.2	3.0	2.9	5.0	
G40.0	4.8	6.7	10.0	13.8	8.0	5.1	2.8	2.8	4.8	
G40.5	4.9	6.4	9.5	12.7	7.4	4.7	2.7	2.8	4.9	
G41.0	4.8	4.7	8.9	11.6	7.1	4.5	3.2	2.6	4.8	
G41.5	4.7	4.4	8.6	10.7	8.2	4.3	4.1	2.6	4.7	
G42.0	4.6	4.3	8.1	10.1	8.0	5.5	4.1	2.5	4.6	
G42.5	4.7	6.0	7.9	9.5	8.0	5.6	3.8	2.5	4.7	
G43.0	4.6	5.6	7.6	9.1	7.4	5.4	2.4	2.4	4.6	
G43.5	4.5	5.6	7.4	8.8	6.8	5.1	2.4	2.5	4.5	
G44.0	4.5	5.5	7.2	8.4	7.6	3.5	2.2	2.4	4.5	
G44.5	4.4	5.3	7.1	8.1	6.8	3.4	2.4	2.4	4.4	
G45.0	4.4	5.4	7.0	7.8	6.6	3.2	2.4	2.3	4.4	
G45.5	4.3	5.1	6.7	7.6	6.4	3.2	2.3	2.3	4.3	
G46.0	4.4	5.2	6.8	7.4	6.0	3.1	2.4	2.4	4.4	
G46.5	4.4	5.2	6.9	7.2	6.0	3.1	2.4	2.4	4.4	
G47.0	4.3	3.6	6.7	7.2	5.9	3.0	2.3	2.2	4.3	
G47.5	4.6	3.9	6.9	7.2	5.7	3.0	4.0	2.5	4.6	
G48.0	4.8	4.0	7.2	7.3	4.2	3.0	4.0	2.5	4.8	
G48.5	5.0	5.3	7.2	7.0	4.2	2.9	4.2	2.4	5.0	
G49.0	5.2	5.9	7.5	7.2	4.2	3.1	4.1	2.8	5.2	
G49.5	5.7	5.8	7.3	7.4	4.4	3.1	4.3	2.9	5.7	
G50.0	5.3	5.8	7.2	7.3	4.5	3.1	4.3	2.7	5.3	
G50.5	5.5	5.6	7.1	7.3	4.6	3.2	4.4	3.0	5.5	
G51.0	4.9	5.7	6.8	7.1	4.7	3.3	4.3	3.0	4.9	
G51.5	5.2	5.5	6.6	6.9	4.7	3.4	4.6	2.9	5.2	
G52.0	5.0	5.2	6.2	5.4	4.8	3.4	4.3	2.9	5.0	
G52.5	4.8	5.2	6.1	5.2	4.7	3.3	4.5	2.8	4.8	
G53.0	4.5	4.9	5.8	4.9	4.5	3.3	4.4	2.7	4.5	
G53.5	4.2	4.5	5.3	4.6	4.4	3.1	4.2	2.5	4.2	
G54.0	4.1	4.3	5.1	4.2	4.1	3.2	2.6	2.3	4.1	
G54.5	3.9	4.0	4.8	3.9	3.8	3.0	2.3	2.3	3.9	
G55.0	3.5	3.7	4.3	3.6	3.7	2.8	2.2	2.1	3.5	

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G55.5	3.5	3.6	4.1	3.2	3.3	2.7	2.1	2.0	3.5	
G56.0	3.3	3.7	4.0	3.0	3.1	2.5	2.0	1.9	3.3	
G56.5	3.1	3.0	4.3	2.7	2.9	2.2	1.9	1.7	3.1	
G57.0	3.0	2.9	3.5	2.3	2.6	2.2	3.2	1.6	3.0	
G57.5	2.9	2.8	3.2	2.1	2.3	2.0	3.1	1.4	2.9	
G58.0	2.7	2.5	3.0	1.8	2.1	1.9	3.0	1.3	2.7	
G58.5	2.8	2.5	2.8	1.6	1.9	1.7	1.4	1.1	2.8	
G59.0	3.1	2.5	2.7	1.3	1.7	1.5	1.2	1.0	3.1	
G59.5	2.3	2.2	2.4	0.8	1.5	1.4	1.0	0.8	2.3	
G60.0	1.9	2.1	2.3	0.9	1.5	1.0	0.7	0.7	1.9	
G60.5	1.8	2.0	2.2	0.7	1.2	1.0	0.8	0.6	1.8	
G61.0	1.8	1.9	2.1	0.4	1.0	0.9	0.8	0.4	1.8	
G61.5	0.2	1.6	1.8	0.5	0.6	0.6	0.4	0.4	0.2	
G62.0	0.3	2.0	1.9	0.4	0.8	0.7	2.1	0.3	0.3	
G62.5	0.2	1.7	1.9	0.1	0.7	0.5	2.0	0.0	0.2	
G63.0	0.0	1.4	1.6	0.3	0.3	0.5	1.7	0.2	0.0	
G63.5	0.1	1.3	2.1	0.2	0.5	0.2	1.8	0.1	0.1	
G64.0	0.1	1.5	1.7	0.0	0.4	0.3	1.7	0.0	0.1	
G64.5	0.0	1.4	1.7	0.1	0.2	0.2	1.6	0.1	0.0	
G65.0	0.0	1.5	1.6	0.1	0.3	0.2	0.1	0.0	0.0	
G65.5	0.0	1.5	1.6	0.0	0.3	0.1	0.0	0.0	0.0	
G66.0	0.0	1.4	1.5	0.1	0.2	0.1	0.0	0.0	0.0	
G66.5	0.0	1.4	1.6	0.0	0.2	0.0	1.5	0.0	0.0	
G67.0	0.0	1.4	1.5	0.0	0.1	0.0	1.5	0.0	0.0	
G67.5	0.0	1.3	1.5	0.0	0.2	0.0	1.5	0.0	0.0	
G68.0	0.0	1.3	1.3	0.0	1.7	0.0	1.2	0.0	0.0	
G68.5	0.0	1.2	1.4	0.0	1.6	0.0	1.4	0.0	0.0	
G69.0	0.0	1.2	1.4	0.0	2.0	0.0	1.5	0.0	0.0	
G69.5	1.1	1.0	1.2	0.0	0.0	0.0	1.2	0.0	1.1	
G70.0	1.0	1.1	1.3	0.0	0.0	0.0	1.3	0.0	1.0	
G70.5	0.9	1.1	1.3	0.0	0.0	0.0	1.3	0.0	0.9	
G71.0	0.0	0.9	1.1	0.0	0.0	0.0	1.2	0.0	0.0	
G71.5	0.0	1.2	0.8	0.0	0.0	0.0	0.0	0.0	0.0	
G72.0	0.0	1.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	
G72.5	0.0	0.8	1.1	0.0	0.0	0.0	0.0	0.0	0.0	
G73.0	0.0	1.0	1.1	0.0	0.0	0.0	1.0	0.0	0.0	
G73.5	0.0	0.9	1.0	0.0	0.0	0.0	1.0	0.0	0.0	

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0
G74.0	0.0	0.5	1.1	0.0	0.0	0.0	1.0	0.0	0.0
G74.5	0.0	0.9	1.1	0.0	0.0	0.0	0.8	0.0	0.0
G75.0	0.0	0.8	0.9	0.0	0.0	0.0	0.9	0.0	0.0
G75.5	0.0	1.0	0.8	0.0	0.0	0.0	0.9	0.0	0.0
G76.0	0.0	0.8	0.8	0.0	0.0	0.0	0.7	0.0	0.0
G76.5	0.0	0.8	0.9	0.0	0.0	0.0	0.8	0.0	0.0
G77.0	0.0	0.6	1.1	0.0	0.0	0.0	0.8	0.0	0.0
G77.5	0.0	0.5	0.6	0.0	0.0	0.0	0.8	0.0	0.0
G78.0	0.0	0.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0
G78.5	0.0	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
G79.0	0.0	0.4	0.8	0.0	0.0	0.0	0.0	0.0	0.0
G79.5	0.0	1.0	0.7	0.0	0.0	0.0	0.6	0.0	0.0
G80.0	0.0	0.6	0.7	0.0	0.0	0.0	0.7	0.0	0.0
G80.5	0.0	0.5	0.6	0.0	0.0	0.0	0.6	0.0	0.0
G81.0	0.0	0.5	0.8	0.0	0.0	0.0	0.3	0.0	0.0
G81.5	0.0	0.5	0.8	0.0	0.0	0.0	0.3	0.0	0.0
G82.0	0.0	0.4	0.5	0.0	0.0	0.0	0.4	0.0	0.0
G82.5	0.0	0.6	0.3	0.0	0.0	0.0	0.4	0.0	0.0
G83.0	0.0	0.2	0.4	0.0	0.0	0.0	0.5	0.0	0.0
G83.5	0.0	0.3	0.4	0.0	0.0	0.0	0.5	0.0	0.0
G84.0	0.0	0.1	0.2	0.0	0.0	0.0	0.5	0.0	0.0
G84.5	0.0	0.3	0.2	0.4	0.0	0.0	0.0	0.0	0.0
G85.0	0.0	0.7	0.3	0.4	0.0	0.0	0.0	0.0	0.0
G85.5	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G86.0	0.0	0.2	0.3	0.2	0.0	0.0	0.0	0.0	0.0
G86.5	0.0	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.0
G87.0	0.0	0.2	0.2	0.5	0.0	0.0	0.0	0.0	0.0
G87.5	0.0	0.3	0.2	0.7	0.0	0.0	0.0	0.0	0.0
G88.0	0.0	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.0
G88.5	0.0	0.3	0.6	0.2	0.0	0.0	0.0	0.0	0.0
G89.0	0.0	0.3	0.1	0.0	0.0	0.0	0.1	0.0	0.0
G89.5	0.0	0.3	0.3	0.0	0.0	0.0	0.3	0.0	0.0
G90.0	0.0	0.1	0.2	0.0	0.0	0.0	0.3	0.0	0.0
G90.5	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
G91.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.0
G91.5	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.1	0.0
G92.0	0.0	0.1	0.3	0.1	0.0	0.0	0.0	0.0	0.0

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0
G92.5	0.0	0.2	0.2	0.3	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.3	0.2	0.2	0.0	0.0	0.0	0.0	0.0
G93.5	0.0	0.2	0.3	0.4	0.0	0.0	0.0	0.0	0.0
G94.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
G94.5	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G95.5	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
G96.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G96.5	0.0	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G97.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G97.5	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
G98.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G98.5	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
G99.5	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G100.0	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G100.5	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
G101.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G101.5	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G102.5	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G103.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G103.5	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G104.5	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G105.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G105.5	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G106.5	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
G107.5	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G108.5	0.1	0.1	0.4	0.0	0.0	0.0	0.0	0.0	0.1
G109.0	0.1	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.1
G109.5	0.1	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.1
G110.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G110.5	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0
G111.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G111.5	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G112.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
G112.5	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G113.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G113.5	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G114.5	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G115.0	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G115.5	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
G116.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G116.5	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G117.5	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G118.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G118.5	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
G119.0	0.0	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0
G119.5	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0
G120.5	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G121.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G121.5	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G122.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G122.5	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G123.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G123.5	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G124.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G124.5	0.0	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.0
G125.0	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G125.5	0.0	0.3	0.5	0.0	0.0	0.0	0.0	0.0	0.0
G126.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G126.5	0.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0
G127.0	0.0	0.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0
G127.5	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G128.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G128.5	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G129.0	0.0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0
G129.5	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0
G130.0	0.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.1
G130.5	0.1	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.1
G131.0	0.1	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.1
G131.5	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.2
G132.0	0.1	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.1
G132.5	0.4	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.4
G133.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2
G133.5	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G134.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G134.5	0.0	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G135.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
G135.5	0.1	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.1
G136.0	0.2	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.2
G136.5	0.2	0.3	0.4	0.0	0.0	0.0	0.0	0.0	0.2
G137.0	0.1	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.1
G137.5	0.2	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.2
G138.0	0.2	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.2
G138.5	0.2	0.4	0.8	0.0	0.0	0.0	0.0	0.0	0.2
G139.0	0.2	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.2
G139.5	0.8	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.8
G140.0	0.3	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.3
G140.5	0.2	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.2
G141.0	0.3	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.3
G141.5	0.3	0.8	0.3	0.0	0.0	0.0	0.0	0.0	0.3
G142.0	0.3	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.3
G142.5	0.2	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.2
G143.0	0.3	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.3
G143.5	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.4
G144.0	0.2	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.2
G144.5	0.4	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.4
G145.0	0.8	0.5	0.3	0.0	0.0	0.0	0.0	0.0	0.8
G145.5	0.5	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.5
G146.0	0.3	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.3
G146.5	0.5	0.6	0.4	0.0	0.0	0.0	0.0	0.0	0.5
G147.0	1.0	0.6	0.7	0.0	0.0	0.0	0.0	0.0	1.0
G147.5	0.4	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.4

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0
G148.0	0.6	0.7	0.5	0.0	0.0	0.0	0.0	0.0	0.6
G148.5	0.6	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.6
G149.0	0.6	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.6
G149.5	0.0	0.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0
G150.0	0.0	0.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0
G150.5	0.0	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0
G151.0	0.7	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.7
G151.5	0.8	0.8	0.6	0.0	0.0	0.0	0.0	0.0	0.8
G152.0	0.8	1.3	0.7	0.0	0.0	0.0	0.0	0.0	0.8
G152.5	1.1	0.9	0.5	0.0	0.0	0.0	0.0	0.0	1.1
G153.0	0.9	0.9	0.8	0.0	0.0	0.0	0.0	0.0	0.9
G153.5	0.9	0.9	1.2	0.0	0.0	0.0	0.0	0.0	0.9
G154.0	1.0	0.8	0.8	0.0	0.0	0.0	0.0	0.0	1.0
G154.5	0.9	1.0	1.2	0.0	0.0	0.0	0.0	0.0	0.9
G155.0	1.1	1.0	0.9	0.0	0.0	0.0	0.0	0.0	1.1
G155.5	1.1	0.9	0.9	0.0	0.0	0.0	0.0	0.0	1.1
G156.0	1.3	1.1	0.9	0.0	0.0	0.0	0.0	0.0	1.3
G156.5	1.2	1.2	1.0	0.0	0.0	0.0	0.0	0.0	1.2
G157.0	0.8	1.2	1.0	0.0	0.0	0.0	0.0	0.0	0.8
G157.5	1.2	1.3	0.9	0.0	0.0	0.0	0.0	0.0	1.2
G158.0	1.1	1.3	1.1	0.0	0.0	0.0	0.0	0.0	1.1
G158.5	1.3	1.3	1.2	0.0	0.0	0.0	0.0	0.0	1.3
G159.0	1.3	1.4	1.0	0.0	0.0	0.0	0.0	0.0	1.3
G159.5	1.5	1.4	1.3	0.0	0.0	0.0	1.2	0.0	1.5
G160.0	1.4	1.4	1.3	0.0	0.0	0.0	1.3	0.0	1.4
G160.5	1.5	1.3	1.4	0.0	0.0	0.0	1.3	0.1	1.5
G161.0	1.5	1.5	1.4	0.0	0.0	0.0	0.0	0.0	1.5
G161.5	1.3	1.5	1.4	0.0	0.0	0.0	0.0	0.0	1.3
G162.0	1.5	1.4	1.5	0.0	0.0	0.0	0.0	0.1	1.5
G162.5	1.3	1.5	1.4	0.0	0.0	0.0	0.0	0.0	1.3
G163.0	1.4	1.5	1.5	0.0	0.0	0.0	0.0	0.0	1.4
G163.5	1.4	2.1	1.8	0.0	0.0	0.0	0.1	0.0	1.4
G164.0	1.5	1.6	1.4	0.0	0.0	0.0	0.6	0.0	1.5
G164.5	1.6	1.6	1.6	0.0	0.0	0.0	1.3	0.0	1.6
G165.0	1.4	1.6	1.6	0.0	0.0	0.0	1.4	0.0	1.4
G165.5	1.5	1.6	1.4	0.0	0.0	0.0	1.2	0.0	1.5
G166.0	1.5	1.6	1.5	0.0	0.0	0.0	0.0	0.0	1.5

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G166.5	1.5	1.6	1.5	0.1	0.0	0.0	0.0	0.0	1.5	
G167.0	1.5	1.5	1.5	0.1	0.0	0.0	0.0	0.0	1.5	
G167.5	1.5	1.6	1.7	0.1	0.0	0.0	0.0	0.0	1.5	
G168.0	1.5	1.5	1.2	0.0	0.0	0.0	0.0	0.0	1.5	
G168.5	1.3	1.4	1.7	0.1	0.0	0.0	0.0	0.0	1.3	
G169.0	1.4	1.6	2.1	0.1	0.0	0.0	0.0	0.0	1.4	
G169.5	1.4	1.5	1.6	0.0	0.0	0.0	0.0	0.0	1.4	
G170.0	1.3	1.6	1.5	0.0	0.0	0.0	0.0	0.0	1.3	
G170.5	1.4	1.5	1.8	0.0	0.0	0.0	0.0	0.0	1.4	
G171.0	1.3	1.5	1.4	0.0	0.0	0.0	0.0	0.0	1.3	
G171.5	1.4	1.5	1.4	0.0	0.0	0.0	0.0	0.0	1.4	
G172.0	1.1	1.3	1.4	0.0	0.0	0.0	0.0	0.0	1.1	
G172.5	1.6	1.3	1.5	0.0	0.0	0.0	0.0	0.0	1.6	
G173.0	1.2	1.3	1.5	0.0	0.0	0.0	1.1	0.0	1.2	
G173.5	1.2	0.0	1.4	0.0	0.0	1.4	1.1	0.0	1.2	
G174.0	1.1	0.0	1.5	0.0	0.0	1.3	1.0	0.0	1.1	
G174.5	1.2	0.0	1.4	0.0	0.0	1.3	1.1	0.0	1.2	
G175.0	1.0	0.0	1.4	0.0	0.0	1.3	1.3	0.0	1.0	
G175.5	0.0	0.0	1.5	0.0	0.0	1.1	1.1	0.0	0.0	
G176.0	0.0	0.0	1.4	0.0	0.0	1.2	1.1	0.0	0.0	
G176.5	0.0	0.0	1.3	0.0	0.0	1.0	0.0	0.0	0.0	
G177.0	1.3	0.0	1.4	0.0	0.0	0.0	0.0	0.0	1.3	
G177.5	0.9	0.0	1.3	0.0	0.0	1.3	0.7	0.0	0.9	
G178.0	1.1	0.0	1.5	0.0	0.0	1.3	1.2	0.0	1.1	
G178.5	1.1	0.0	1.3	0.0	0.0	1.3	1.0	0.0	1.1	
G179.0	1.1	0.0	1.3	0.0	0.0	0.0	1.1	0.0	1.1	
G179.5	0.0	0.0	1.3	0.0	0.0	0.0	1.1	0.0	0.0	
G180.0	0.0	0.0	1.1	0.0	0.0	0.0	1.1	0.0	0.0	

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

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector: