

Report No.:

Test Time: 2026-08-26 14:28

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog:

Number of Lamps: 1

Luminous Length (mm): 0 mm

Luminous Height (mm): 0 mm

Current: 0.210 A

Power Factor: 0.990

Luminaire Description: 50W PC

Lamp Description:

Lumens per Lamp: 4245.6 lm

Luminous Width (mm): 0 mm

Voltage: 230.3 V

Power: 47.95 W

Photometric Results

CIE Class: Direct

Measurement Flux: 4245.6 lm

Downward Ratio: 95.49%

Horizontal Diffuse Angle(50%): H112.8

Vertical Diffuse Angle(50%): V116.1

Luminaire Efficacy Rating (LER): 88.59

Max. Intensity: 1407.19 cd

S/MH(C0/C180): 1.25

Total Rated Lamp Lumens: 4245.6 lm

Efficiency: 100.00%

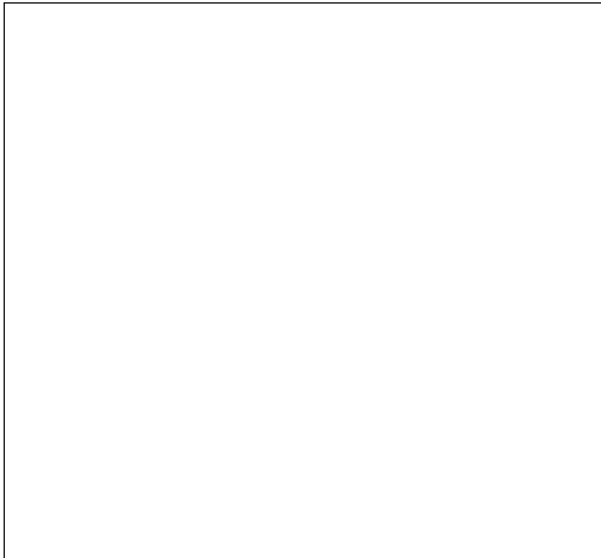
Upward Ratio: 4.51%

C0r0 Intensity: 1406.68 cd

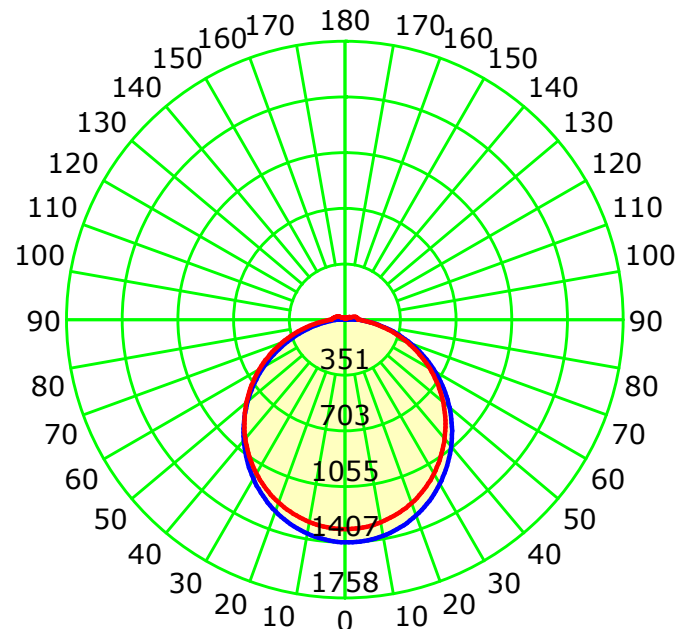
Pos of Max. Intensity: H0 V2

S/MH(C90/C270): 1.26

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 114.4°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

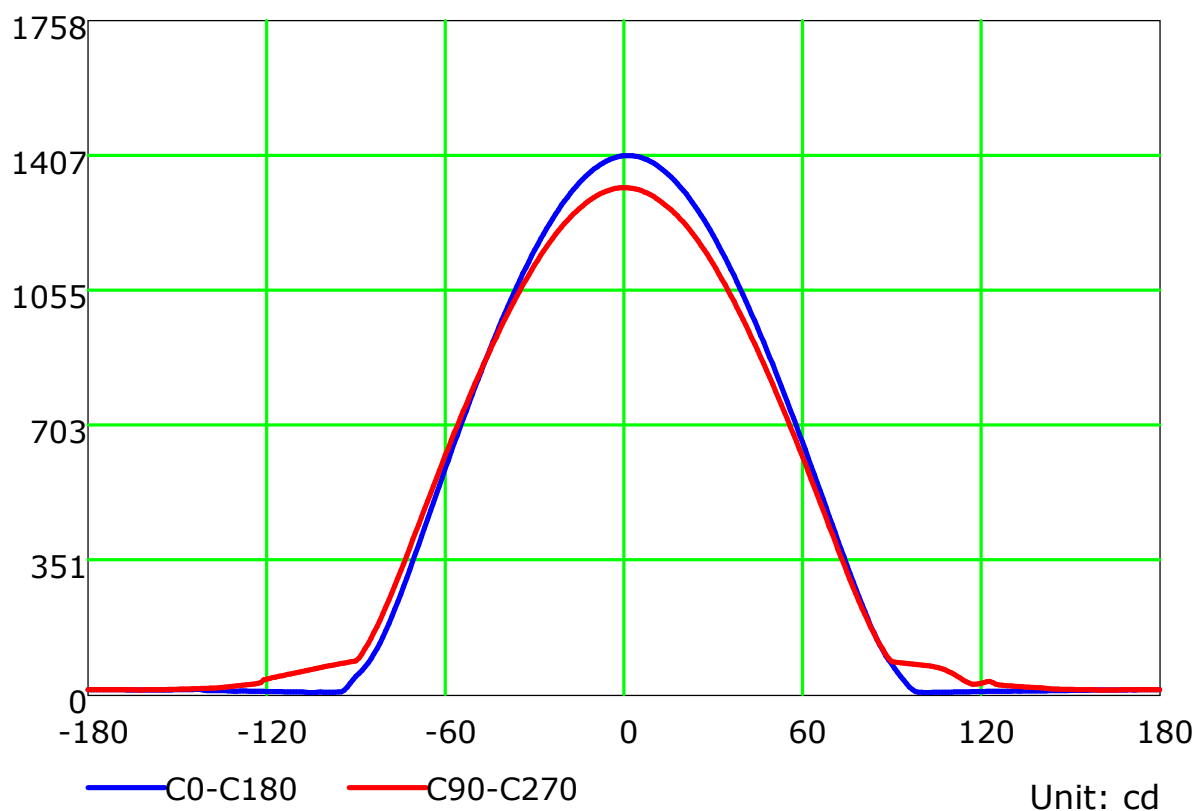
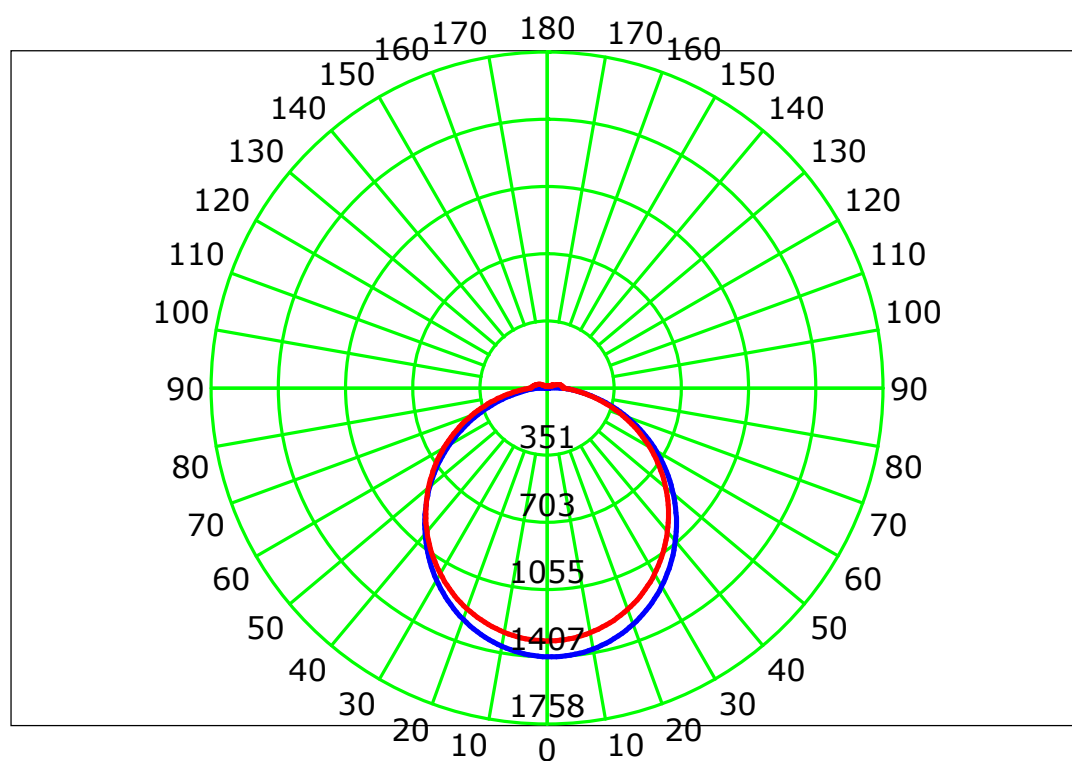
Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

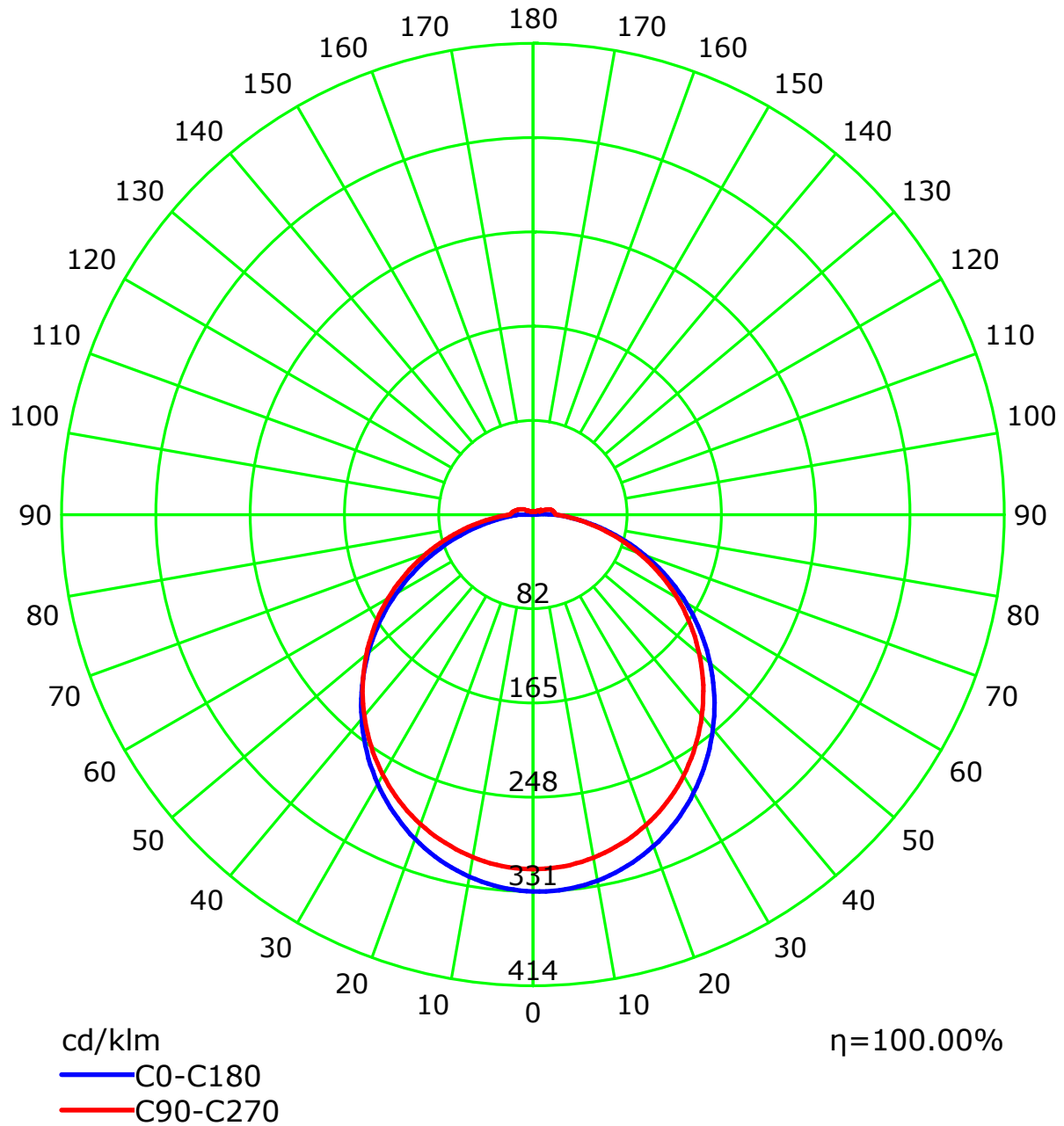
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.200 m
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

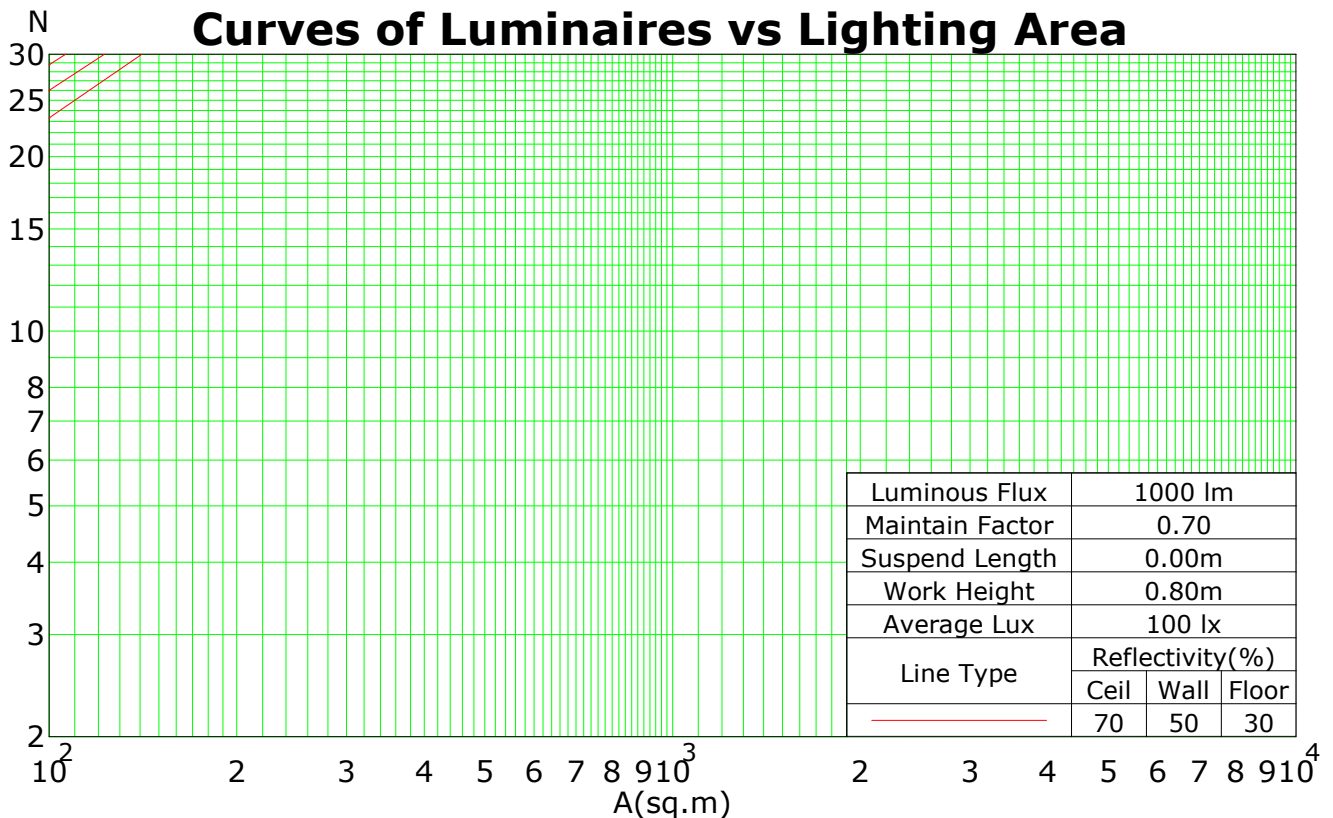
Coefficients Of Utilization - Zonal Cavity Method

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	1.18	1.18	1.18	1.18	1.15	1.15	1.15	1.15	1.09	1.09	1.09	1.03	1.03	1.03	0.98	0.98	0.98	0.95
1	1.07	1.02	0.97	0.93	1.03	0.99	0.95	0.91	0.94	0.90	0.87	0.89	0.86	0.84	0.85	0.82	0.80	0.78
2	0.97	0.88	0.81	0.75	0.94	0.86	0.79	0.73	0.81	0.76	0.71	0.77	0.73	0.69	0.74	0.70	0.67	0.64
3	0.88	0.77	0.68	0.62	0.85	0.75	0.67	0.61	0.71	0.65	0.59	0.68	0.62	0.58	0.65	0.60	0.56	0.54
4	0.80	0.68	0.59	0.52	0.78	0.66	0.58	0.51	0.63	0.56	0.50	0.60	0.54	0.49	0.58	0.52	0.48	0.45
5	0.74	0.61	0.51	0.45	0.71	0.59	0.51	0.44	0.57	0.49	0.43	0.54	0.48	0.42	0.52	0.46	0.41	0.39
6	0.68	0.54	0.45	0.39	0.66	0.53	0.45	0.38	0.51	0.43	0.38	0.49	0.42	0.37	0.47	0.41	0.36	0.34
7	0.63	0.49	0.40	0.34	0.61	0.48	0.40	0.34	0.46	0.39	0.33	0.45	0.38	0.33	0.43	0.37	0.32	0.30
8	0.59	0.45	0.36	0.30	0.57	0.44	0.36	0.30	0.42	0.35	0.30	0.41	0.34	0.29	0.39	0.33	0.29	0.27
9	0.55	0.41	0.33	0.27	0.53	0.40	0.33	0.27	0.39	0.32	0.27	0.38	0.31	0.26	0.36	0.30	0.26	0.24
10	0.51	0.38	0.30	0.25	0.50	0.37	0.30	0.25	0.36	0.29	0.24	0.35	0.28	0.24	0.34	0.28	0.24	0.22

Spacing Criteria (0-180): 1.25

Spacing Criteria (90-270): 1.26

Spacing Criteria (Diagonal): 1.35



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

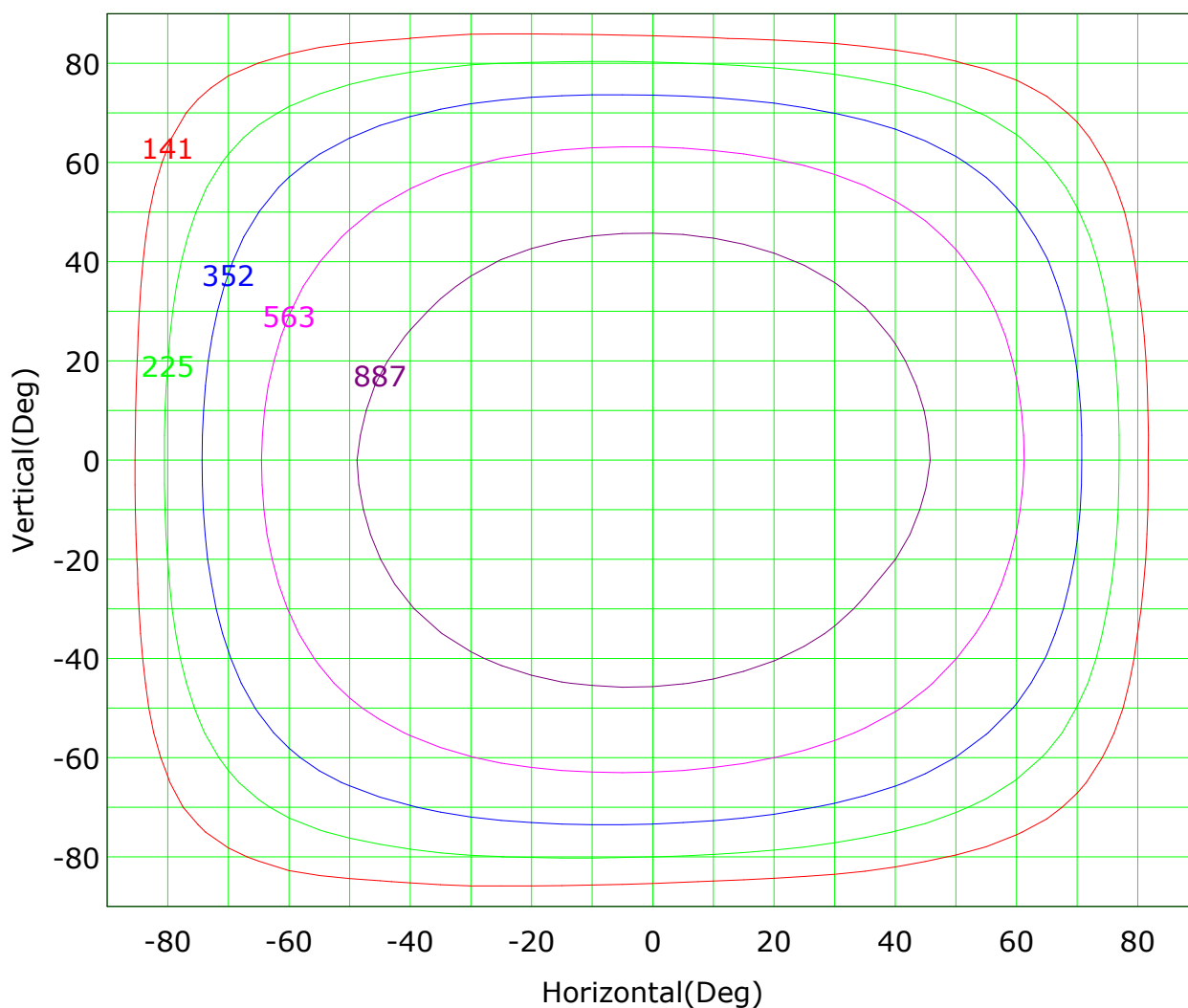
Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 1407 cd

(10%): 141 cd	(16%): 225 cd
(25%): 352 cd	(40%): 563 cd
(63%): 887 cd	(100%): 1407 cd

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

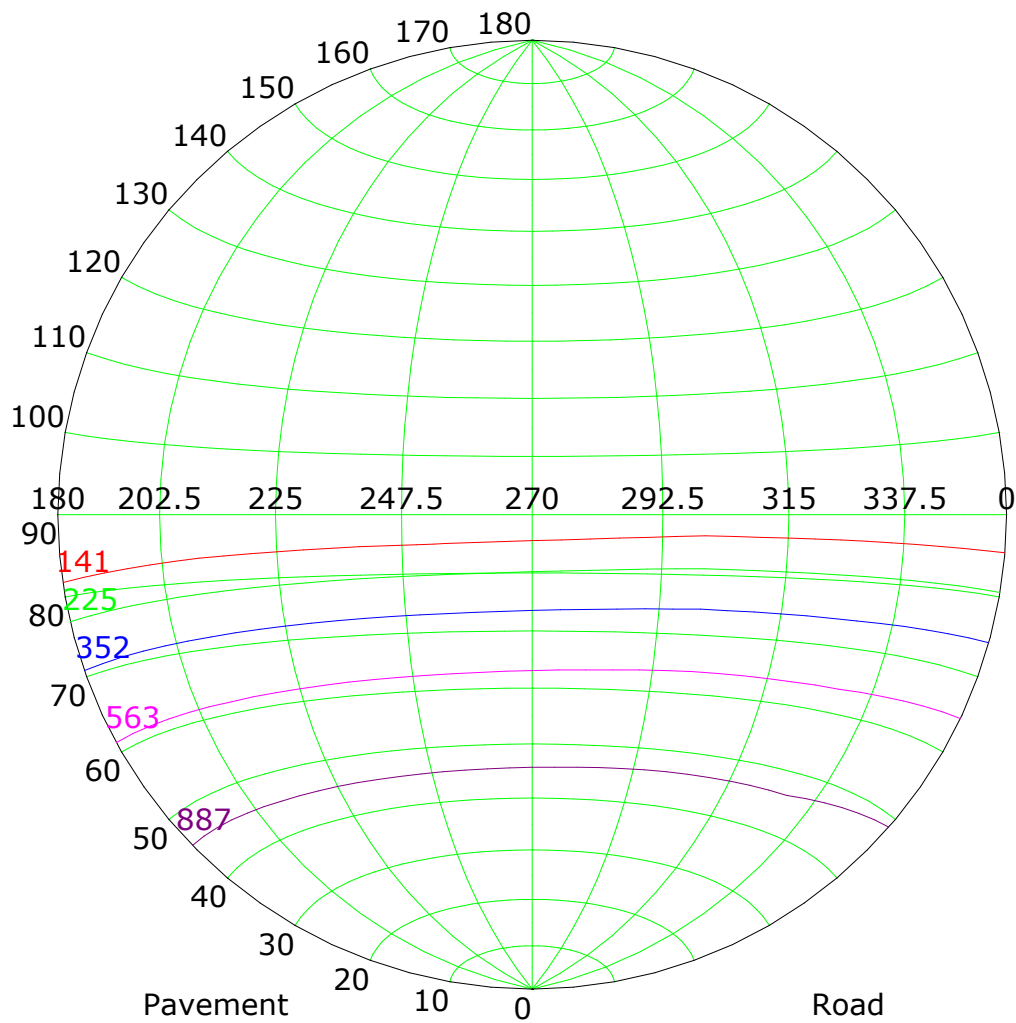
Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 1407 cd

(10%): 141 cd	(16%): 225 cd
(25%): 352 cd	(40%): 563 cd
(63%): 887 cd	(100%): 1407 cd

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

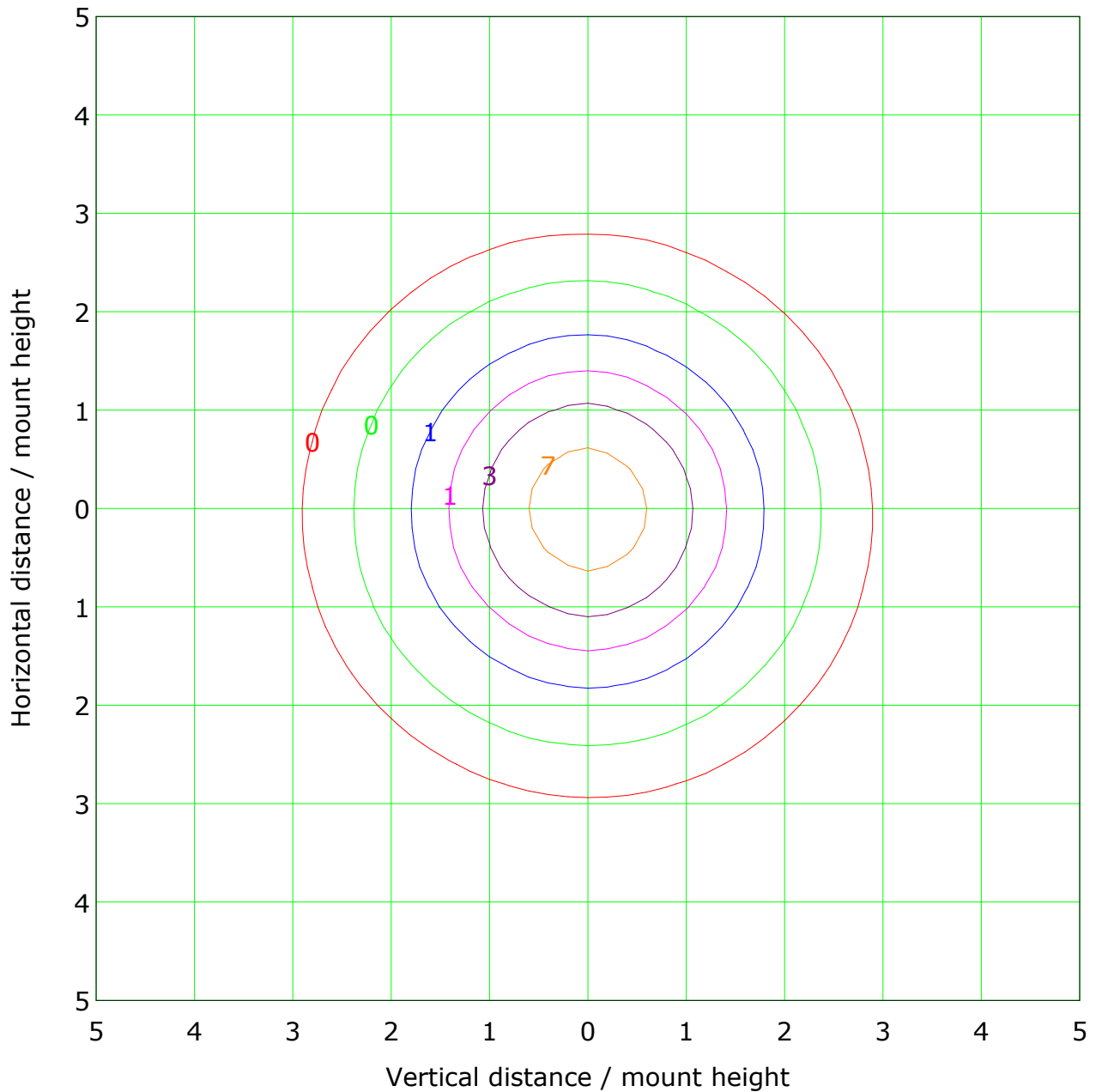
Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 14.1 lx

— (1%): 0.1 lx	— (2%): 0.3 lx
— (5%): 0.7 lx	— (10%): 1.4 lx
— (20%): 2.8 lx	— (50%): 7.0 lx
— (100%): 14.1 lx	

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

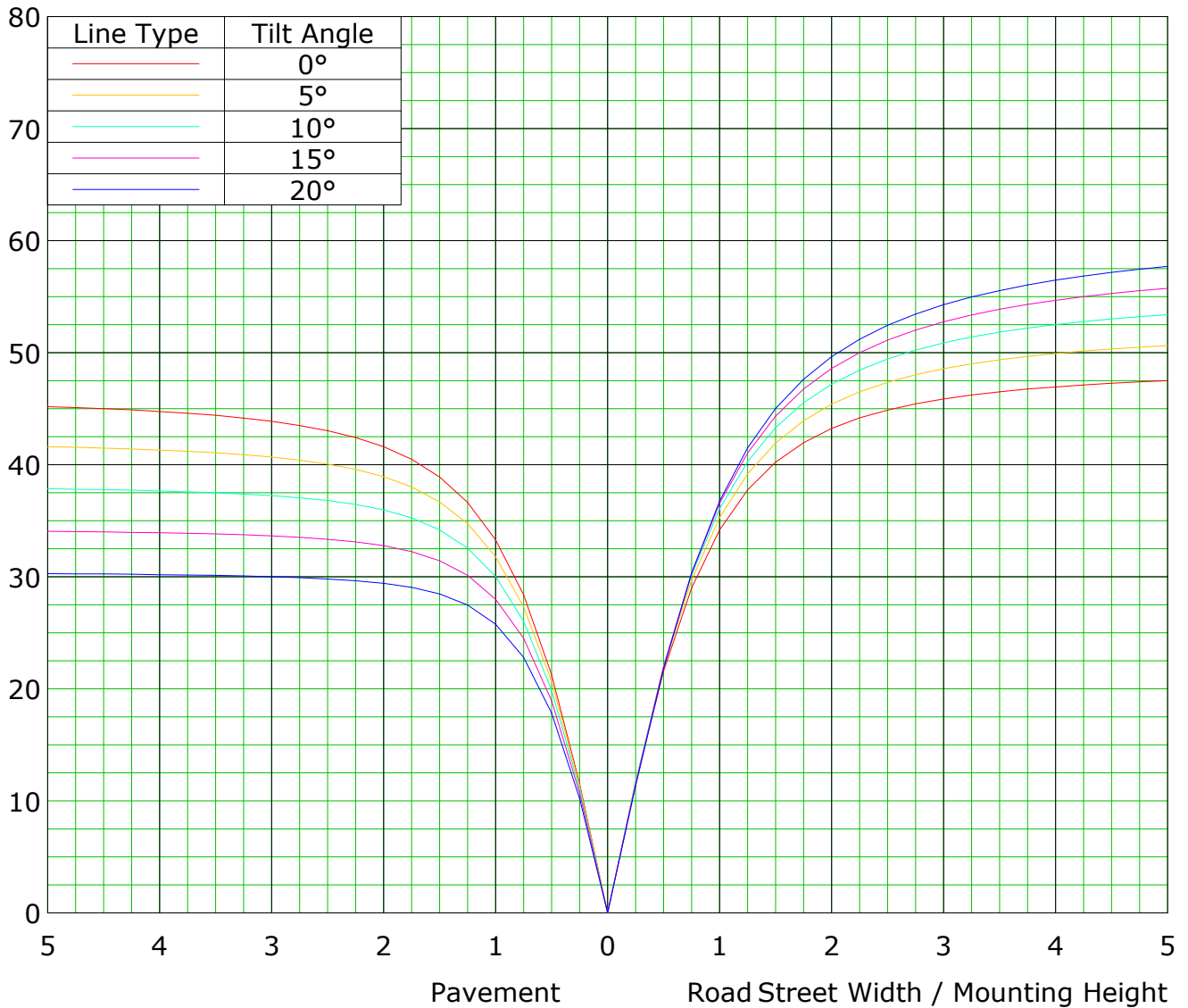
Distance: 8.200 m

Humidity:

Inspector:

Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

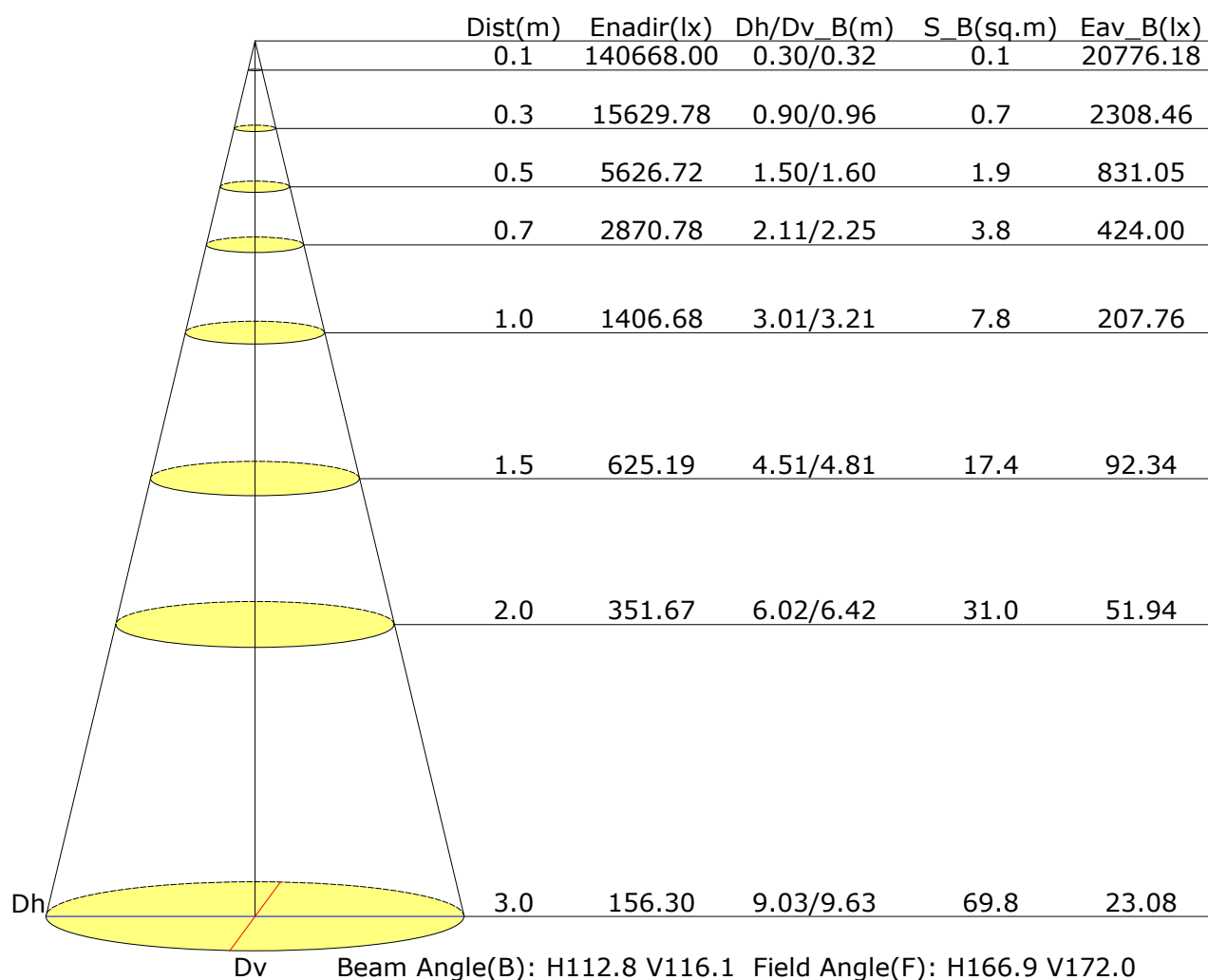
Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

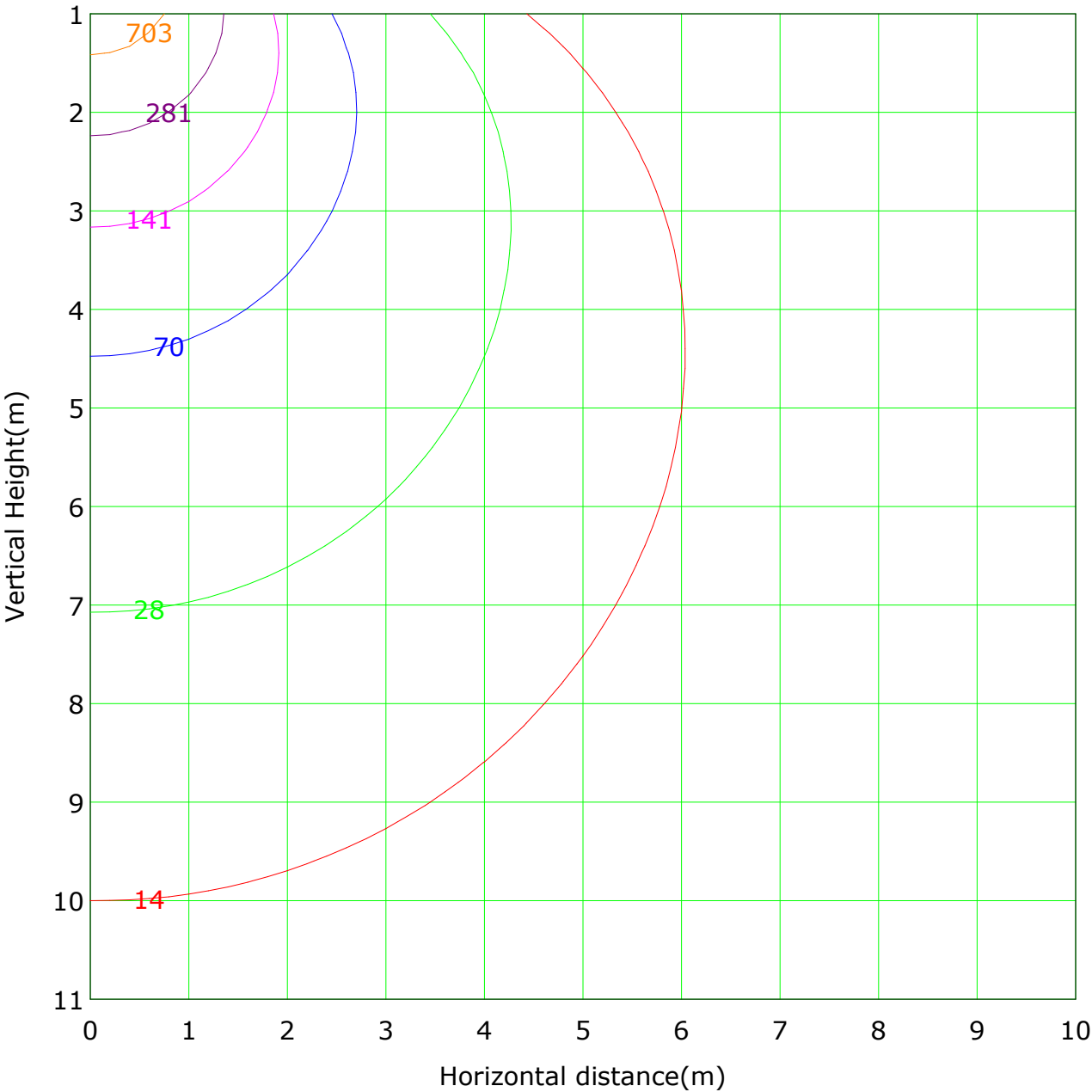
Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.200 m
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1406.7 lx

(1%): 14.1 lx	(2%): 28.1 lx
(5%): 70.3 lx	(10%): 140.7 lx
(20%): 281.3 lx	(50%): 703.3 lx
(100%):1406.7 lx	

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.200 m
Humidity:
Inspector:

Area Flux Table

Unit: lm

-90	0.2	0.6	1.1	1.8	2.4	3.1	3.8	4.2	4.5	4.6	4.5	4.2	3.7	3.0	2.2	1.5	0.8	0.2	46.4	23.3
-80	0.2	0.8	1.7	3.0	4.6	6.3	7.8	9.0	9.7	9.9	9.4	8.5	7.1	5.4	3.7	2.2	1.1	0.3	90.7	87.4
-70	0.2	1.0	2.5	4.7	7.4	10.2	12.7	14.6	15.7	15.9	15.1	13.4	11.0	8.3	5.5	3.2	1.4	0.3	143.2	141.9
-60	0.2	1.3	3.4	6.5	10.3	14.1	17.6	20.2	21.7	21.8	20.6	18.2	14.9	11.1	7.4	4.1	1.7	0.3	195.4	194.6
-50	0.3	1.5	4.2	8.2	12.9	17.8	22.1	25.3	27.0	27.1	25.6	22.6	18.4	13.7	9.0	5.0	2.0	0.4	243.2	242.7
-40	0.3	1.8	5.0	9.7	15.3	20.9	26.0	29.7	31.7	31.8	29.9	26.3	21.4	15.9	10.6	5.8	2.3	0.4	284.9	284.5
-30	0.3	2.0	5.6	10.9	17.1	23.5	29.2	33.4	35.6	35.6	33.4	29.3	23.9	17.9	11.8	6.4	2.5	0.4	318.8	318.5
-20	0.3	2.1	6.0	11.8	18.5	25.5	31.6	36.2	38.4	38.2	35.9	31.6	26.0	19.4	12.7	6.9	2.7	0.5	344.0	343.7
-10	0.3	2.2	6.2	12.2	19.3	26.7	33.3	38.3	40.5	40.0	38.2	33.9	27.5	20.3	13.2	7.1	2.7	0.5	362.4	362.2
0	0.3	2.2	6.2	12.1	19.2	26.4	32.9	37.6	39.8	40.7	38.9	34.3	27.7	20.4	13.3	7.2	2.7	0.5	362.5	362.2
10	0.3	2.1	6.0	11.6	18.2	24.8	30.6	35.2	38.0	38.7	36.9	32.6	26.6	19.7	12.8	6.9	2.7	0.5	344.1	343.7
20	0.3	1.9	5.5	10.7	16.6	22.7	28.3	32.8	35.4	35.9	34.1	30.1	24.6	18.3	12.0	6.5	2.5	0.4	318.7	318.4
30	0.3	1.7	4.9	9.4	14.7	20.2	25.3	29.3	31.6	32.0	30.4	26.9	22.0	16.4	10.8	5.9	2.3	0.4	284.5	284.1
40	0.3	1.5	4.1	7.9	12.4	17.2	21.5	24.9	26.9	27.2	25.9	23.0	18.8	14.1	9.3	5.1	2.0	0.4	242.5	242.0
50	0.2	1.2	3.3	6.2	9.9	13.7	17.2	19.9	21.5	21.8	20.7	18.5	15.2	11.4	7.6	4.2	1.7	0.3	194.4	193.6
60	0.2	1.0	2.4	4.5	7.1	9.8	12.4	14.4	15.6	15.8	15.1	13.5	11.2	8.5	5.7	3.3	1.4	0.3	142.2	140.8
70	0.2	0.7	1.6	2.9	4.4	6.0	7.6	8.8	9.6	9.8	9.4	8.6	7.2	5.5	3.9	2.3	1.1	0.3	89.9	86.4
80	0.2	0.5	1.1	1.7	2.3	3.0	3.6	4.1	4.4	4.6	4.5	4.3	3.7	3.0	2.3	1.5	0.8	0.2	46.0	22.9
90	4.4	26.0	70.9	135.8	212.6	292.0	363.5	447.9	447.5	451.4	428.7	379.8	311.0	232.3	153.8	85.1	34.4	6.6	4054	
Flux(E)	0.6	21.1	66.5	131.5	208.6	288.2	359.9	441.4	544.4	1448.3	3426.0	377.2	308.4	229.6	151.1	82.2	31.4	3.7		3993

Horizontal plane

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

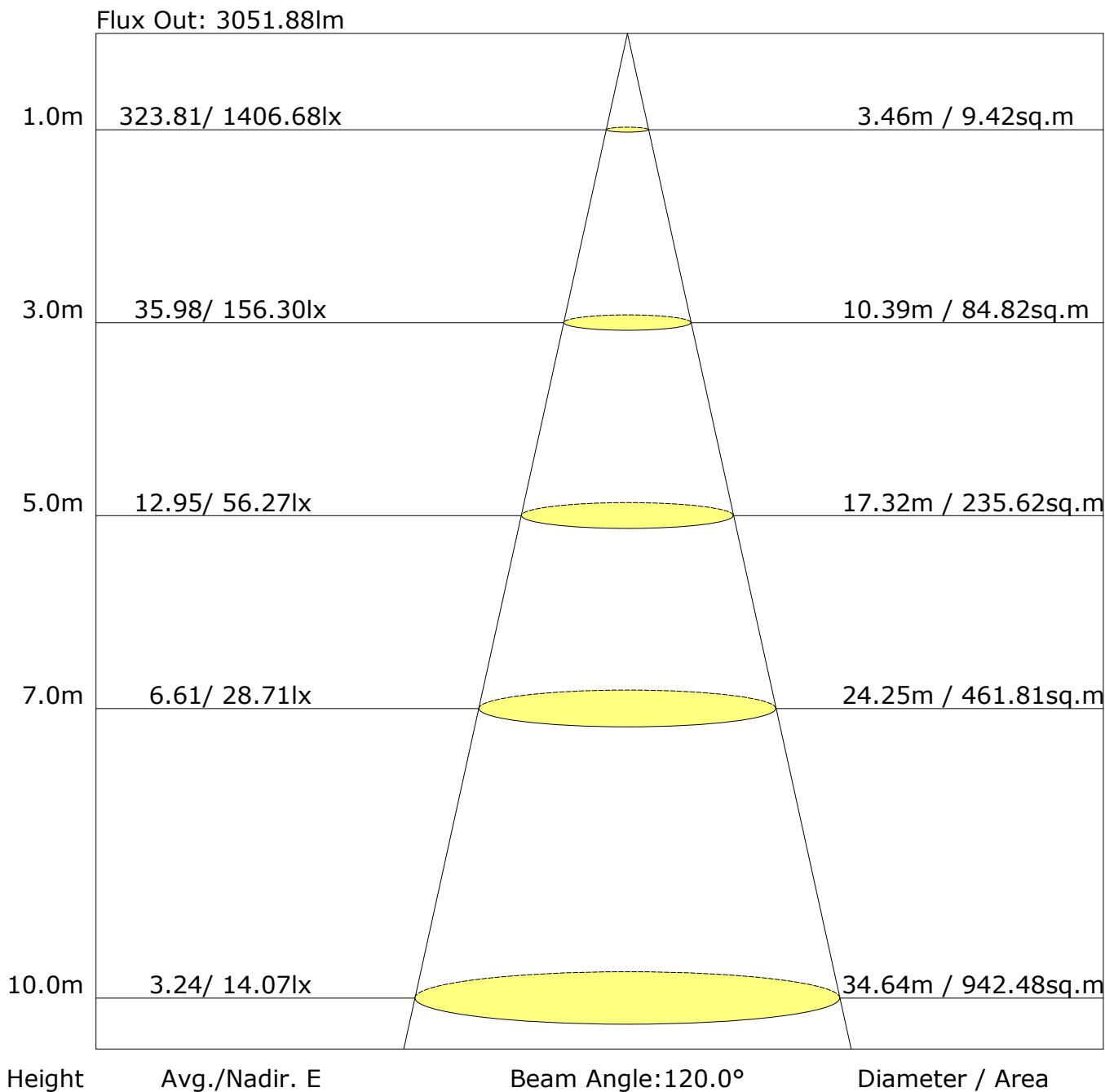
Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.200 m
Humidity:
Inspector:

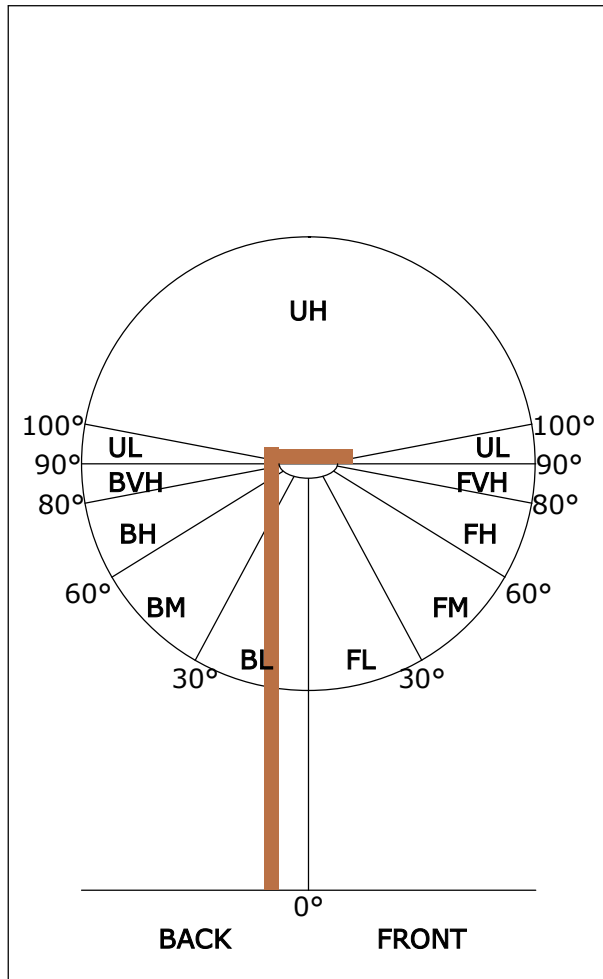
UGR Table

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 4246lm ($8\log(F/F_0) = 5.0$).

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.200 m
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

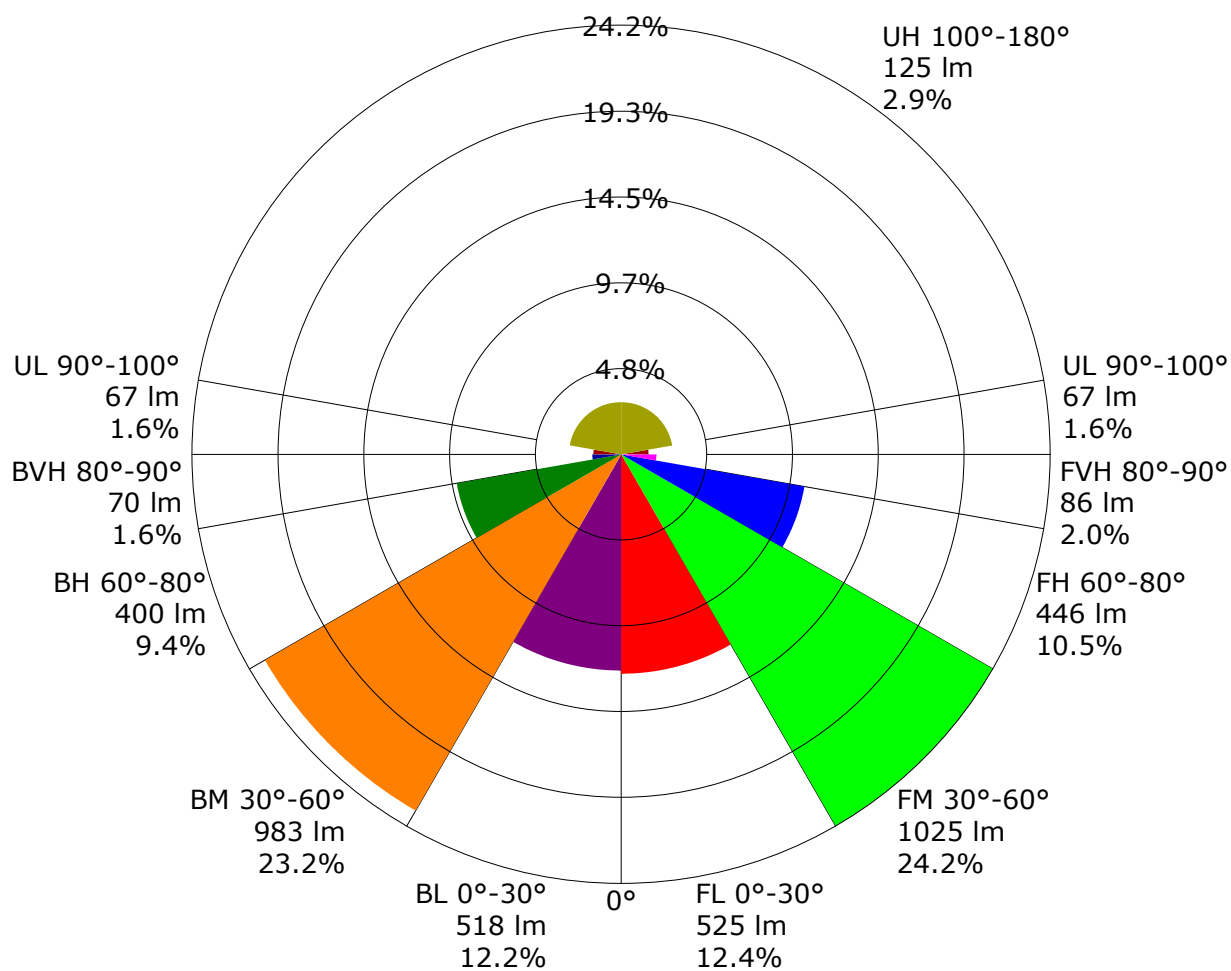
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	2083	49.1
FL (0°-30°)	525	12.4
FM (30°-60°)	1025	24.2
FH (60°-80°)	446	10.5
FVH (80°-90°)	86	2.0
BACK LIGHT	1971	46.4
BL (0°-30°)	518	12.2
BM (30°-60°)	983	23.2
BH (60°-80°)	400	9.4
BVH (80°-90°)	70	1.6
UP LIGHT	192	4.5
UL (90°-100°)	67	1.6
UH (100°-180°)	125	2.9
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B2 U3 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B2 U3 G1

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.200 m
 Humidity:
 Inspector:

LCS Graph



Back Light

Forward Light

Scale= MAX LCS%

Trapped Light:NA,NA

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.25									
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	0.54	0.64	0.71	0.76	0.84	0.89	0.92	0.97	1.00	
	0.30		0.46	0.56	0.63	0.69	0.77	0.83	0.87	0.93	0.96	
	0.20		0.40	0.50	0.57	0.63	0.72	0.78	0.82	0.89	0.93	
0.50	0.50	0.20	0.52	0.61	0.68	0.73	0.80	0.85	0.88	0.92	0.95	
	0.30		0.45	0.54	0.61	0.67	0.74	0.80	0.83	0.89	0.92	
	0.20		0.39	0.49	0.56	0.62	0.70	0.75	0.79	0.85	0.89	
0.30	0.50	0.20	0.50	0.59	0.65	0.70	0.76	0.81	0.84	0.88	0.91	
	0.30		0.43	0.53	0.60	0.65	0.72	0.77	0.80	0.85	0.88	
	0.20		0.39	0.48	0.55	0.60	0.68	0.73	0.77	0.82	0.86	
0.00	0.00	0.00	0.36	0.45	0.52	0.56	0.63	0.68	0.72	0.77	0.80	
Rating:48W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.200 m
 Humidity:
 Inspector:

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.25									
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	1.02	0.85	0.73	0.64	0.51	0.43	0.37	0.29	0.24	
	0.30		0.85	0.73	0.63	0.56	0.47	0.40	0.34	0.27	0.23	
	0.20		0.73	0.63	0.56	0.51	0.42	0.37	0.32	0.26	0.22	
0.50	0.50	0.20	0.97	0.81	0.69	0.61	0.49	0.44	0.35	0.28	0.23	
	0.30		0.82	0.70	0.61	0.54	0.45	0.38	0.33	0.26	0.22	
	0.20		0.71	0.62	0.55	0.49	0.41	0.35	0.31	0.25	0.21	
0.30	0.50	0.20	0.94	0.77	0.66	0.58	0.46	0.39	0.33	0.26	0.22	
	0.30		0.80	0.68	0.59	0.52	0.43	0.36	0.31	0.25	0.21	
	0.20		0.70	0.61	0.53	0.48	0.40	0.34	0.30	0.24	0.20	
0.00	0.00	0.00	0.60	0.51	0.44	0.39	0.32	0.27	0.24	0.19	0.16	
Rating:48W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.200 m
 Humidity:
 Inspector:

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.25									
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	0.21	0.22	0.23	0.24	0.24	0.25	0.25	0.26	0.26	
	0.30		0.14	0.15	0.17	0.18	0.19	0.20	0.21	0.23	0.23	
	0.20		0.09	0.10	0.12	0.13	0.15	0.17	0.18	0.20	0.21	
0.50	0.50	0.20	0.20	0.21	0.22	0.23	0.24	0.24	0.24	0.25	0.25	
	0.30		0.14	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.22	
	0.20		0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.19	0.20	
0.30	0.50	0.20	0.19	0.21	0.21	0.22	0.23	0.23	0.23	0.24	0.24	
	0.30		0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.22	
	0.20		0.09	0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	
0.00	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	
Rating:48W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.200 m
 Humidity:
 Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1345.7	1.3	1.3	0.03	0.03
1.0-2.0	1345.1	3.9	5.1	0.09	0.12
2.0-3.0	1344.1	6.4	11.6	0.15	0.27
3.0-4.0	1342.5	9.0	20.6	0.21	0.48
4.0-5.0	1340.5	11.5	32.1	0.27	0.76
5.0-6.0	1338.0	14.1	46.2	0.33	1.09
6.0-7.0	1334.9	16.6	62.7	0.39	1.48
7.0-8.0	1331.4	19.1	81.8	0.45	1.93
8.0-9.0	1327.4	21.5	103.3	0.51	2.43
9.0-10.0	1322.9	23.9	127.3	0.56	3.00
10.0-11.0	1317.8	26.3	153.6	0.62	3.62
11.0-12.0	1312.3	28.7	182.3	0.68	4.29
12.0-13.0	1306.6	31.0	213.3	0.73	5.02
13.0-14.0	1300.1	33.3	246.6	0.78	5.81
14.0-15.0	1293.2	35.5	282.1	0.84	6.64
15.0-16.0	1286.1	37.7	319.8	0.89	7.53
16.0-17.0	1278.5	39.8	359.6	0.94	8.47
17.0-18.0	1270.6	41.9	401.5	0.99	9.46
18.0-19.0	1262.1	43.9	445.4	1.03	10.49
19.0-20.0	1253.1	45.9	491.3	1.08	11.57
20.0-21.0	1244.1	47.8	539.1	1.13	12.70
21.0-22.0	1234.4	49.6	588.7	1.17	13.87
22.0-23.0	1224.2	51.4	640.0	1.21	15.08
23.0-24.0	1213.5	53.1	693.1	1.25	16.33
24.0-25.0	1202.4	54.7	747.8	1.29	17.61
25.0-26.0	1191.5	56.3	804.0	1.32	18.94
26.0-27.0	1179.7	57.7	861.8	1.36	20.30
27.0-28.0	1167.6	59.1	920.9	1.39	21.69
28.0-29.0	1155.3	60.5	981.3	1.42	23.11
29.0-30.0	1142.4	61.7	1043.0	1.45	24.57
30.0-31.0	1129.4	62.9	1105.9	1.48	26.05
31.0-32.0	1115.8	63.9	1169.8	1.51	27.55
32.0-33.0	1101.7	64.9	1234.7	1.53	29.08
33.0-34.0	1088.1	65.9	1300.6	1.55	30.63
34.0-35.0	1073.5	66.7	1367.3	1.57	32.20
35.0-36.0	1058.6	67.4	1434.7	1.59	33.79

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.200 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	1043.6	68.1	1502.7	1.60	35.40
37.0-38.0	1028.1	68.6	1571.4	1.62	37.01
38.0-39.0	1012.8	69.1	1640.5	1.63	38.64
39.0-40.0	996.7	69.5	1710.0	1.64	40.28
40.0-41.0	980.3	69.8	1779.9	1.64	41.92
41.0-42.0	964.5	70.1	1849.9	1.65	43.57
42.0-43.0	947.6	70.2	1920.1	1.65	45.23
43.0-44.0	930.5	70.2	1990.4	1.65	46.88
44.0-45.0	913.6	70.2	2060.6	1.65	48.54
45.0-46.0	896.0	70.1	2130.7	1.65	50.19
46.0-47.0	878.5	69.9	2200.6	1.65	51.83
47.0-48.0	860.4	69.6	2270.1	1.64	53.47
48.0-49.0	842.2	69.2	2339.3	1.63	55.10
49.0-50.0	824.5	68.8	2408.1	1.62	56.72
50.0-51.0	805.8	68.2	2476.2	1.61	58.32
51.0-52.0	786.9	67.5	2543.8	1.59	59.92
52.0-53.0	768.3	66.8	2610.6	1.57	61.49
53.0-54.0	749.0	66.0	2676.6	1.56	63.04
54.0-55.0	730.1	65.2	2741.8	1.54	64.58
55.0-56.0	710.6	64.2	2806.0	1.51	66.09
56.0-57.0	690.8	63.2	2869.2	1.49	67.58
57.0-58.0	671.7	62.1	2931.3	1.46	69.04
58.0-59.0	651.5	60.9	2992.2	1.43	70.48
59.0-60.0	631.2	59.6	3051.9	1.40	71.88
60.0-61.0	611.2	58.3	3110.2	1.37	73.26
61.0-62.0	590.7	56.9	3167.1	1.34	74.60
62.0-63.0	570.5	55.5	3222.6	1.31	75.91
63.0-64.0	549.8	54.0	3276.6	1.27	77.18
64.0-65.0	529.0	52.4	3328.9	1.23	78.41
65.0-66.0	509.0	50.8	3379.7	1.20	79.61
66.0-67.0	488.1	49.1	3428.8	1.16	80.76
67.0-68.0	467.2	47.3	3476.2	1.11	81.88
68.0-69.0	446.2	45.5	3521.7	1.07	82.95
69.0-70.0	425.2	43.7	3565.4	1.03	83.98
70.0-71.0	405.3	41.9	3607.3	0.99	84.96
71.0-72.0	384.7	40.0	3647.3	0.94	85.91

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.200 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	364.1	38.1	3685.3	0.90	86.80
73.0-74.0	344.0	36.2	3721.5	0.85	87.66
74.0-75.0	323.7	34.2	3755.7	0.81	88.46
75.0-76.0	304.3	32.3	3788.0	0.76	89.22
76.0-77.0	284.6	30.3	3818.4	0.71	89.94
77.0-78.0	265.1	28.4	3846.8	0.67	90.61
78.0-79.0	246.9	26.5	3873.3	0.62	91.23
79.0-80.0	228.3	24.6	3897.9	0.58	91.81
80.0-81.0	210.4	22.8	3920.7	0.54	92.35
81.0-82.0	193.4	21.0	3941.6	0.49	92.84
82.0-83.0	176.7	19.2	3960.8	0.45	93.29
83.0-84.0	161.1	17.6	3978.4	0.41	93.71
84.0-85.0	146.1	15.9	3994.3	0.38	94.08
85.0-86.0	131.9	14.4	4008.8	0.34	94.42
86.0-87.0	119.5	13.1	4021.8	0.31	94.73
87.0-88.0	107.7	11.8	4033.6	0.28	95.01
88.0-89.0	97.1	10.6	4044.3	0.25	95.26
89.0-90.0	88.2	9.7	4054.0	0.23	95.49
90.0-91.0	80.6	8.8	4062.8	0.21	95.69
91.0-92.0	74.4	8.2	4070.9	0.19	95.89
92.0-93.0	68.8	7.5	4078.5	0.18	96.06
93.0-94.0	63.8	7.0	4085.5	0.16	96.23
94.0-95.0	59.7	6.5	4092.0	0.15	96.38
95.0-96.0	56.5	6.2	4098.2	0.15	96.53
96.0-97.0	54.0	5.9	4104.0	0.14	96.67
97.0-98.0	52.1	5.7	4109.7	0.13	96.80
98.0-99.0	50.6	5.5	4115.2	0.13	96.93
99.0-100.0	49.4	5.3	4120.5	0.13	97.05
100.0-101.0	48.2	5.2	4125.7	0.12	97.18
101.0-102.0	47.1	5.1	4130.8	0.12	97.30
102.0-103.0	46.0	4.9	4135.7	0.12	97.41
103.0-104.0	44.7	4.8	4140.5	0.11	97.52
104.0-105.0	43.3	4.6	4145.1	0.11	97.63
105.0-106.0	42.0	4.4	4149.5	0.10	97.74
106.0-107.0	40.7	4.3	4153.8	0.10	97.84
107.0-108.0	39.4	4.1	4157.9	0.10	97.93

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.200 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	38.0	4.0	4161.9	0.09	98.03
109.0-110.0	36.7	3.8	4165.7	0.09	98.12
110.0-111.0	35.4	3.6	4169.3	0.09	98.20
111.0-112.0	34.0	3.5	4172.8	0.08	98.28
112.0-113.0	32.7	3.3	4176.1	0.08	98.36
113.0-114.0	31.3	3.1	4179.2	0.07	98.44
114.0-115.0	29.9	3.0	4182.2	0.07	98.51
115.0-116.0	28.8	2.8	4185.1	0.07	98.57
116.0-117.0	27.6	2.7	4187.8	0.06	98.64
117.0-118.0	26.6	2.6	4190.4	0.06	98.70
118.0-119.0	25.7	2.5	4192.8	0.06	98.76
119.0-120.0	25.0	2.4	4195.2	0.06	98.81
120.0-121.0	24.3	2.3	4197.5	0.05	98.87
121.0-122.0	23.5	2.2	4199.7	0.05	98.92
122.0-123.0	22.7	2.1	4201.8	0.05	98.97
123.0-124.0	21.9	2.0	4203.8	0.05	99.02
124.0-125.0	20.9	1.9	4205.7	0.04	99.06
125.0-126.0	20.1	1.8	4207.5	0.04	99.10
126.0-127.0	19.5	1.7	4209.2	0.04	99.14
127.0-128.0	19.0	1.6	4210.9	0.04	99.18
128.0-129.0	18.6	1.6	4212.5	0.04	99.22
129.0-130.0	18.1	1.5	4214.0	0.04	99.26
130.0-131.0	17.6	1.5	4215.5	0.03	99.29
131.0-132.0	17.1	1.4	4216.9	0.03	99.32
132.0-133.0	16.6	1.3	4218.2	0.03	99.36
133.0-134.0	16.1	1.3	4219.5	0.03	99.39
134.0-135.0	15.7	1.2	4220.7	0.03	99.41
135.0-136.0	15.3	1.2	4221.9	0.03	99.44
136.0-137.0	15.0	1.1	4223.0	0.03	99.47
137.0-138.0	14.8	1.1	4224.1	0.03	99.49
138.0-139.0	14.7	1.1	4225.2	0.03	99.52
139.0-140.0	14.5	1.0	4226.2	0.02	99.54
140.0-141.0	14.3	1.0	4227.2	0.02	99.57
141.0-142.0	14.1	1.0	4228.2	0.02	99.59
142.0-143.0	13.9	0.9	4229.1	0.02	99.61
143.0-144.0	13.7	0.9	4230.0	0.02	99.63

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.200 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	13.5	0.9	4230.9	0.02	99.65
145.0-146.0	13.4	0.8	4231.7	0.02	99.67
146.0-147.0	13.2	0.8	4232.5	0.02	99.69
147.0-148.0	13.1	0.8	4233.3	0.02	99.71
148.0-149.0	13.1	0.7	4234.0	0.02	99.73
149.0-150.0	13.0	0.7	4234.8	0.02	99.74
150.0-151.0	12.9	0.7	4235.5	0.02	99.76
151.0-152.0	12.9	0.7	4236.1	0.02	99.78
152.0-153.0	12.8	0.7	4236.8	0.02	99.79
153.0-154.0	12.8	0.6	4237.4	0.01	99.81
154.0-155.0	12.7	0.6	4238.0	0.01	99.82
155.0-156.0	12.7	0.6	4238.6	0.01	99.83
156.0-157.0	12.7	0.6	4239.1	0.01	99.85
157.0-158.0	12.7	0.5	4239.7	0.01	99.86
158.0-159.0	12.7	0.5	4240.2	0.01	99.87
159.0-160.0	12.7	0.5	4240.7	0.01	99.88
160.0-161.0	12.7	0.5	4241.1	0.01	99.89
161.0-162.0	12.8	0.4	4241.6	0.01	99.91
162.0-163.0	12.8	0.4	4242.0	0.01	99.92
163.0-164.0	12.9	0.4	4242.4	0.01	99.92
164.0-165.0	13.0	0.4	4242.8	0.01	99.93
165.0-166.0	13.0	0.4	4243.1	0.01	99.94
166.0-167.0	13.1	0.3	4243.5	0.01	99.95
167.0-168.0	13.2	0.3	4243.8	0.01	99.96
168.0-169.0	13.2	0.3	4244.1	0.01	99.96
169.0-170.0	13.3	0.3	4244.3	0.01	99.97
170.0-171.0	13.4	0.2	4244.6	0.01	99.98
171.0-172.0	13.5	0.2	4244.8	0.01	99.98
172.0-173.0	13.5	0.2	4245.0	0.00	99.99
173.0-174.0	13.6	0.2	4245.2	0.00	99.99
174.0-175.0	13.7	0.1	4245.3	0.00	99.99
175.0-176.0	13.7	0.1	4245.4	0.00	100.00
176.0-177.0	13.8	0.1	4245.5	0.00	100.00
177.0-178.0	13.8	0.1	4245.6	0.00	100.00
178.0-179.0	13.9	0.0	4245.6	0.00	100.00
179.0-180.0	13.9	0.0	4245.6	0.00	100.00

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.200 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 2060.60 lm

%lum = 48.5%
%lamp = 48.5%

cone flux(120°): 3051.88 lm

%lum = 71.9%
%lamp = 71.9%

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.200 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G0.0	1406.7	1366.2	1341.2	1323.4	1318.2	1319.7	1406.7	1366.2	1341.2	1323.4
G1.0	1407.1	1366.4	1341.3	1323.4	1317.3	1318.5	1405.8	1364.9	1340.3	1322.8
G2.0	1407.2	1366.5	1341.3	1322.6	1316.4	1317.3	1404.1	1363.6	1338.9	1322.5
G3.0	1406.5	1366.1	1340.5	1321.5	1314.7	1315.2	1401.6	1361.5	1337.0	1321.2
G4.0	1405.5	1364.8	1339.4	1319.9	1312.6	1312.9	1399.1	1358.8	1334.7	1319.2
G5.0	1403.9	1363.0	1337.4	1317.9	1310.1	1309.9	1396.1	1355.4	1331.8	1316.9
G6.0	1401.5	1360.8	1335.2	1315.7	1307.0	1306.5	1392.3	1351.8	1328.8	1314.4
G7.0	1398.7	1358.3	1332.4	1311.9	1303.6	1302.6	1387.8	1348.2	1325.3	1311.0
G8.0	1395.9	1355.0	1329.3	1309.0	1299.7	1298.3	1383.2	1342.8	1320.6	1307.1
G9.0	1391.6	1351.3	1325.4	1304.5	1295.0	1293.7	1377.8	1338.7	1316.3	1302.9
G10.0	1387.5	1346.9	1321.1	1300.5	1289.9	1288.1	1372.4	1333.3	1311.0	1298.4
G11.0	1382.3	1342.1	1316.3	1295.0	1284.5	1282.2	1365.7	1327.2	1305.2	1292.9
G12.0	1376.9	1336.9	1311.0	1289.7	1278.7	1275.8	1359.0	1320.7	1299.4	1287.7
G13.0	1371.1	1331.9	1306.0	1284.2	1272.3	1269.3	1352.4	1314.0	1293.2	1281.9
G14.0	1364.4	1325.3	1299.5	1277.6	1265.4	1261.5	1344.3	1305.9	1286.0	1274.8
G15.0	1357.7	1318.6	1293.0	1271.7	1258.3	1254.3	1336.5	1298.6	1278.8	1268.5
G16.0	1350.6	1311.6	1286.7	1265.2	1251.0	1246.6	1327.4	1290.0	1271.1	1261.3
G17.0	1342.7	1303.8	1279.1	1257.5	1242.9	1237.9	1318.3	1281.4	1263.2	1254.3
G18.0	1334.3	1295.7	1272.3	1250.3	1235.3	1228.9	1309.2	1272.7	1255.0	1246.7
G19.0	1325.2	1287.0	1263.6	1241.3	1226.2	1219.3	1298.5	1262.8	1246.1	1238.0
G20.0	1316.1	1278.5	1255.3	1233.5	1217.4	1209.8	1288.1	1252.8	1237.4	1229.5
G21.0	1307.2	1269.9	1246.8	1224.5	1208.5	1199.6	1278.0	1243.0	1227.6	1220.7
G22.0	1296.2	1259.3	1237.3	1215.1	1197.9	1188.9	1265.6	1231.6	1217.5	1211.0
G23.0	1286.0	1249.8	1227.6	1205.2	1187.8	1178.0	1254.5	1220.7	1207.3	1201.8
G24.0	1274.3	1238.5	1217.0	1194.9	1176.8	1166.2	1241.1	1208.1	1196.3	1190.6
G25.0	1263.1	1228.2	1206.7	1184.1	1165.9	1154.6	1229.1	1196.8	1185.2	1180.6
G26.0	1251.5	1217.0	1196.0	1173.1	1155.2	1143.5	1216.7	1184.9	1174.2	1169.2
G27.0	1238.6	1205.1	1184.1	1161.4	1142.7	1130.8	1202.3	1172.1	1161.8	1157.6
G28.0	1226.0	1193.4	1172.9	1150.1	1130.7	1118.4	1189.3	1159.7	1149.7	1146.7
G29.0	1213.6	1181.4	1160.6	1137.9	1118.4	1105.6	1174.7	1145.7	1136.7	1133.3
G30.0	1198.6	1167.9	1147.6	1124.4	1104.6	1091.6	1159.9	1132.6	1124.6	1121.6
G31.0	1185.7	1155.8	1135.1	1111.7	1092.2	1078.1	1145.8	1119.5	1111.6	1108.9
G32.0	1170.2	1141.4	1121.4	1097.2	1077.8	1063.8	1129.2	1104.1	1097.6	1095.4
G33.0	1155.8	1127.9	1108.1	1084.4	1063.9	1049.6	1114.6	1090.2	1083.7	1082.3
G34.0	1141.4	1114.8	1095.1	1070.8	1050.4	1035.8	1098.9	1075.5	1069.7	1069.2
G35.0	1125.8	1099.6	1079.5	1055.7	1034.8	1020.3	1081.6	1059.2	1054.6	1054.5
G36.0	1110.4	1085.3	1065.9	1041.4	1020.8	1005.3	1065.6	1044.4	1040.6	1040.5

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G37.0	1095.0	1071.0	1051.3	1027.0	1006.0	990.1	1047.2	1027.4	1024.3	1024.7
G38.0	1077.8	1054.3	1035.6	1010.9	990.3	973.8	1030.7	1012.0	1009.7	1010.7
G39.0	1061.6	1039.8	1020.7	996.4	975.0	958.1	1014.2	996.7	993.7	996.0
G40.0	1044.3	1022.5	1004.6	979.6	958.7	941.5	994.9	978.7	977.4	979.7
G41.0	1027.2	1007.1	989.0	964.5	942.7	924.8	977.7	962.7	961.6	965.0
G42.0	1010.8	990.9	973.5	948.6	927.1	909.2	959.8	945.7	946.1	949.1
G43.0	992.5	973.4	955.8	931.3	909.9	891.5	940.2	926.9	928.1	931.7
G44.0	975.5	956.5	940.2	915.6	893.2	874.4	921.4	910.3	912.1	916.2
G45.0	957.5	940.1	924.1	898.8	876.8	857.8	901.7	891.7	893.7	898.8
G46.0	938.4	922.0	905.5	881.1	858.3	838.4	882.6	873.4	877.4	882.2
G47.0	920.1	904.4	889.5	864.0	841.9	821.8	863.8	856.1	859.9	865.6
G48.0	900.6	885.9	870.3	845.8	823.3	803.0	842.5	836.0	841.1	847.0
G49.0	881.6	868.1	853.8	829.0	805.7	785.0	823.5	818.3	823.7	830.5
G50.0	863.5	850.7	835.8	811.0	788.4	767.4	803.6	799.4	806.3	812.9
G51.0	842.3	830.5	817.0	791.4	768.6	747.3	782.6	779.8	786.5	794.6
G52.0	823.6	812.8	799.6	774.2	751.0	729.7	762.2	760.7	768.2	776.8
G53.0	804.7	794.6	780.9	756.5	733.3	710.8	740.7	739.5	748.9	757.2
G54.0	782.8	773.8	761.4	737.0	712.9	690.8	720.1	720.6	731.0	739.8
G55.0	763.7	755.6	743.2	719.1	694.7	672.5	700.1	702.0	712.0	721.3
G56.0	742.5	735.3	722.8	698.7	675.0	651.4	677.1	680.2	691.8	701.8
G57.0	722.1	715.7	704.4	679.6	655.8	633.0	656.9	660.9	672.7	683.9
G58.0	702.5	697.0	685.2	661.4	636.3	614.5	635.4	640.9	653.1	664.8
G59.0	679.9	675.2	664.9	641.0	616.0	592.6	611.9	619.7	632.7	644.1
G60.0	660.0	656.2	645.1	621.6	597.2	573.6	591.4	599.2	613.1	625.4
G61.0	640.0	637.0	626.2	602.8	577.6	553.9	567.6	576.8	591.5	604.5
G62.0	616.8	615.6	605.3	582.2	556.8	532.7	546.1	556.2	572.4	585.2
G63.0	596.5	595.2	586.1	562.0	537.5	513.5	525.0	535.5	552.3	565.3
G64.0	574.2	573.7	565.1	541.1	516.6	492.3	501.2	513.7	531.1	544.4
G65.0	552.9	553.3	545.1	522.0	496.4	472.0	480.0	493.7	510.8	524.5
G66.0	532.3	533.6	525.5	501.7	477.2	452.8	458.0	472.7	491.4	505.3
G67.0	510.1	512.1	503.5	480.6	455.3	430.8	435.1	451.0	469.3	484.2
G68.0	488.2	491.5	484.1	461.3	436.1	411.4	413.3	430.1	449.6	464.4
G69.0	465.6	469.4	461.7	439.0	414.9	390.3	390.4	408.2	427.6	443.1
G70.0	444.1	448.7	442.3	419.6	395.0	370.2	368.7	387.5	408.4	423.1
G71.0	423.5	429.0	422.7	400.5	375.8	351.1	348.2	367.9	387.9	404.2
G72.0	400.9	407.2	401.3	378.3	355.0	330.3	325.8	345.6	367.0	382.3
G73.0	380.4	387.5	381.0	359.3	336.1	311.7	304.6	326.2	346.8	363.0

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G74.0	359.2	367.0	361.9	340.3	316.7	292.3	282.7	305.2	325.9	341.6
G75.0	337.1	345.7	341.2	319.8	296.8	272.6	262.1	285.5	307.5	322.8
G76.0	317.2	326.5	322.2	300.5	278.8	254.7	242.9	267.0	288.1	304.5
G77.0	295.6	305.5	300.9	280.4	258.6	234.8	222.6	246.3	268.6	283.4
G78.0	275.1	285.8	282.5	262.5	241.2	217.8	203.5	228.7	250.1	265.6
G79.0	255.8	267.1	264.5	244.2	224.5	201.3	185.1	210.8	233.0	247.3
G80.0	234.9	247.3	244.2	225.6	206.4	183.7	166.6	192.6	214.0	228.7
G81.0	216.5	229.6	226.9	209.1	190.7	168.5	150.0	176.2	197.7	211.2
G82.0	198.6	211.4	210.1	193.0	174.6	153.1	133.7	159.5	180.5	193.5
G83.0	178.8	193.0	192.5	176.0	158.6	138.6	119.5	145.7	164.9	178.0
G84.0	162.4	176.9	176.0	160.6	144.9	126.1	106.7	132.0	150.6	162.4
G85.0	145.4	160.7	159.6	145.1	130.1	113.1	93.2	118.8	136.1	146.8
G86.0	130.1	145.5	145.1	131.6	118.7	102.7	82.7	108.1	123.6	132.6
G87.0	116.3	132.4	132.1	118.1	108.6	93.6	72.7	97.9	113.2	119.9
G88.0	101.9	119.1	118.7	105.1	98.9	84.3	63.5	88.4	102.9	106.8
G89.0	90.6	107.8	108.5	94.4	91.7	77.0	55.7	80.4	95.6	95.8
G90.0	79.7	97.7	99.7	86.4	86.1	70.7	47.8	72.4	88.9	87.9
G91.0	68.3	88.0	91.8	84.6	81.2	63.8	39.1	64.8	84.0	86.6
G92.0	58.2	79.5	86.1	83.7	78.4	58.5	30.1	58.3	80.6	85.4
G93.0	47.6	70.9	81.7	83.1	76.4	52.9	19.9	52.0	77.9	83.9
G94.0	38.1	64.1	78.7	82.3	75.1	48.0	11.4	47.0	76.0	82.6
G95.0	28.5	57.5	76.8	81.8	74.4	44.3	7.4	43.8	74.5	81.1
G96.0	19.7	51.5	75.5	80.8	73.5	42.1	6.8	41.1	72.9	79.7
G97.0	12.6	46.9	74.4	80.0	72.7	40.8	6.6	39.3	71.3	78.4
G98.0	7.7	43.9	73.8	79.3	71.8	39.6	6.6	37.7	69.8	76.8
G99.0	6.4	41.2	72.8	78.3	70.8	38.4	6.5	36.2	68.3	75.2
G100.0	6.0	39.2	71.7	77.5	69.8	37.4	6.6	34.9	66.7	73.7
G101.0	5.8	37.0	70.8	76.6	68.7	36.2	6.6	33.4	65.0	72.0
G102.0	5.7	35.4	69.8	75.5	67.6	35.2	6.7	32.2	63.4	70.5
G103.0	5.7	34.1	68.1	74.4	66.2	34.2	6.4	30.9	61.9	69.0
G104.0	5.9	32.7	64.6	72.9	65.0	33.1	5.7	29.5	60.3	67.5
G105.0	6.0	31.3	61.3	71.4	63.7	32.0	5.2	28.3	58.6	65.9
G106.0	6.1	30.7	57.6	69.7	62.2	30.8	5.8	26.9	56.7	64.1
G107.0	6.2	29.5	53.7	67.6	60.8	29.8	6.6	25.9	55.2	62.6
G108.0	6.4	28.5	50.5	64.9	59.5	28.7	7.2	24.8	53.5	60.9
G109.0	6.5	27.6	47.8	60.9	57.8	27.6	7.1	23.9	51.8	59.2
G110.0	6.7	26.6	46.1	57.2	56.1	26.6	7.2	23.0	50.0	57.6

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G111.0	6.9	25.5	45.0	52.8	54.2	25.6	7.2	22.4	48.3	56.0
G112.0	7.0	24.4	44.4	47.8	52.3	24.3	7.2	21.4	46.5	54.2
G113.0	7.2	23.5	43.6	43.5	49.8	23.4	7.4	20.7	44.9	52.7
G114.0	7.3	22.4	42.7	38.2	47.0	22.4	7.5	20.1	42.8	50.8
G115.0	7.4	21.6	41.8	34.0	44.7	21.5	7.7	19.5	41.5	49.1
G116.0	7.5	21.2	41.4	30.5	42.5	20.7	7.9	18.8	39.6	47.7
G117.0	7.7	20.6	40.6	27.3	39.8	20.1	8.1	18.1	37.8	45.9
G118.0	7.7	20.1	39.7	27.1	36.8	19.7	8.1	17.7	36.0	44.3
G119.0	7.8	19.5	38.8	28.0	34.3	19.1	8.1	17.4	34.3	42.5
G120.0	8.1	19.0	37.6	29.7	31.3	18.5	8.3	17.2	32.8	40.9
G121.0	8.3	18.5	36.4	31.7	29.2	18.2	8.4	16.9	31.5	39.0
G122.0	8.4	17.9	35.2	33.7	27.3	17.6	8.5	16.7	30.1	31.7
G123.0	8.5	17.3	34.3	34.5	25.5	17.3	8.8	16.6	28.8	29.8
G124.0	8.6	16.8	33.4	31.7	23.8	16.7	8.8	16.4	27.5	28.0
G125.0	8.7	16.3	32.1	27.2	22.5	16.4	9.0	16.1	26.1	27.1
G126.0	8.7	15.9	30.8	25.1	21.2	16.2	9.2	16.1	25.0	26.2
G127.0	8.9	15.4	29.6	24.4	20.8	16.2	9.3	15.8	23.6	25.4
G128.0	8.8	15.0	28.3	23.9	21.5	15.9	9.3	15.6	22.5	24.7
G129.0	9.0	14.8	27.2	23.3	22.5	15.6	9.4	15.4	21.4	23.9
G130.0	9.1	14.5	26.0	22.7	22.7	15.3	9.1	15.3	20.2	23.0
G131.0	9.2	14.1	25.0	22.1	21.7	15.3	9.1	15.2	19.3	22.2
G132.0	9.3	13.8	23.8	21.6	20.4	15.2	9.4	15.1	18.5	21.4
G133.0	9.2	13.5	22.6	21.0	18.5	15.0	9.7	14.9	17.9	20.6
G134.0	9.3	13.2	21.6	20.4	17.0	14.7	10.1	14.6	17.3	19.9
G135.0	9.3	13.0	20.5	20.0	16.3	14.6	10.4	14.5	16.8	18.9
G136.0	9.4	12.7	19.4	19.6	16.3	14.5	10.4	14.3	16.2	18.3
G137.0	9.4	12.6	18.4	19.1	16.3	14.2	10.5	14.3	15.9	17.5
G138.0	9.4	12.5	17.3	18.8	15.7	14.6	10.6	15.4	15.3	17.2
G139.0	9.6	12.9	16.4	18.2	15.3	15.6	10.6	15.9	14.8	16.9
G140.0	9.8	13.0	15.9	17.8	15.1	15.4	10.9	15.8	14.4	16.5
G141.0	9.9	13.0	15.2	17.2	14.8	15.1	11.2	15.4	13.9	16.2
G142.0	10.0	13.0	14.8	16.4	14.2	14.1	13.0	15.2	13.5	16.0
G143.0	10.2	12.9	14.5	15.6	14.0	13.8	13.5	14.9	13.4	15.6
G144.0	10.4	12.9	14.1	14.8	13.5	13.4	13.4	14.9	13.3	15.4
G145.0	10.4	12.7	13.9	14.6	13.3	13.7	13.2	14.6	13.3	15.2
G146.0	10.5	12.8	13.6	14.4	13.0	13.7	13.1	14.4	13.2	14.9
G147.0	10.5	12.6	13.5	14.2	13.0	13.4	13.0	14.2	13.2	14.6

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G148.0	10.6	12.7	13.3	14.0	13.0	13.5	13.0	14.0	13.1	14.6
G149.0	10.7	12.6	13.3	13.8	12.9	13.5	12.8	13.7	13.2	14.3
G150.0	10.9	12.6	13.1	13.7	12.9	13.5	12.7	13.6	13.2	14.1
G151.0	10.9	12.6	13.1	13.5	12.9	13.3	12.6	13.4	13.1	13.9
G152.0	11.1	12.6	13.0	13.3	12.9	13.1	12.4	13.3	13.1	13.8
G153.0	11.1	13.0	12.9	13.2	12.9	13.2	12.4	13.2	13.2	13.6
G154.0	11.2	13.0	12.9	13.0	12.9	13.0	12.3	13.0	13.1	13.1
G155.0	11.4	13.0	12.8	13.0	12.9	12.9	12.2	13.1	13.1	12.9
G156.0	11.7	12.9	12.9	12.7	13.0	12.8	12.1	13.0	13.2	12.9
G157.0	12.2	12.7	12.8	12.7	12.9	12.9	12.1	13.2	13.2	12.6
G158.0	12.1	12.7	12.9	12.7	12.9	13.0	12.1	13.1	13.1	12.7
G159.0	12.0	12.7	12.9	12.5	12.9	13.0	12.0	13.3	13.1	12.7
G160.0	12.0	12.7	12.9	12.5	12.9	12.9	12.0	13.4	13.2	12.7
G161.0	11.9	12.9	12.9	12.4	13.0	13.1	12.1	13.6	13.3	12.6
G162.0	11.9	13.0	12.9	12.4	13.0	13.0	12.3	13.6	13.4	12.5
G163.0	11.9	13.0	13.0	12.4	13.1	13.1	12.3	13.6	13.4	12.5
G164.0	12.0	13.1	13.1	12.4	13.2	13.1	12.4	13.8	13.5	12.6
G165.0	12.1	13.2	13.2	12.5	13.4	13.2	12.4	13.8	13.5	12.6
G166.0	12.1	13.4	13.3	12.4	13.3	13.2	12.5	13.9	13.7	12.6
G167.0	12.3	13.4	13.3	12.6	13.5	13.3	12.5	13.9	13.7	12.7
G168.0	12.4	13.5	13.5	12.6	13.5	13.4	12.6	14.0	13.8	12.7
G169.0	12.4	13.6	13.5	12.6	13.6	13.4	12.7	14.0	13.9	12.9
G170.0	12.6	13.7	13.6	12.8	13.6	13.5	12.7	14.2	14.0	12.9
G171.0	12.5	13.6	13.6	12.8	13.7	13.6	12.7	14.4	14.1	13.0
G172.0	12.5	13.9	13.8	12.9	13.8	13.6	12.9	14.3	14.2	13.0
G173.0	12.7	13.9	13.8	13.0	13.8	13.7	12.9	14.3	14.3	13.0
G174.0	12.8	14.0	13.9	13.0	13.9	13.8	13.1	14.4	14.3	13.2
G175.0	12.9	14.2	14.0	13.0	13.9	13.8	13.0	14.6	14.5	13.3
G176.0	12.9	14.2	14.0	13.1	14.1	14.0	13.0	14.6	14.4	13.4
G177.0	13.0	14.3	14.1	13.1	14.1	14.0	13.1	14.5	14.4	13.4
G178.0	13.0	14.4	14.2	13.3	14.2	13.9	13.1	14.6	14.4	13.3
G179.0	13.1	14.4	14.2	13.2	14.2	13.9	13.1	14.5	14.4	13.3
G180.0	13.1	14.5	14.3	13.2	14.1	13.9	13.1	14.7	14.5	13.4

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	1318.2	1319.7	1406.7							
G1.0	1317.9	1319.8	1407.1							
G2.0	1317.6	1319.8	1407.2							
G3.0	1316.5	1318.9	1406.5							
G4.0	1315.2	1317.9	1405.5							
G5.0	1313.5	1316.7	1403.9							
G6.0	1310.9	1314.1	1401.5							
G7.0	1307.9	1311.7	1398.7							
G8.0	1304.6	1308.2	1395.9							
G9.0	1301.0	1304.7	1391.6							
G10.0	1296.8	1301.0	1387.5							
G11.0	1291.6	1295.9	1382.3							
G12.0	1286.9	1291.3	1376.9							
G13.0	1281.6	1285.8	1371.1							
G14.0	1275.1	1279.6	1364.4							
G15.0	1269.0	1273.3	1357.7							
G16.0	1261.5	1266.0	1350.6							
G17.0	1254.9	1258.7	1342.7							
G18.0	1247.4	1251.5	1334.3							
G19.0	1239.5	1242.9	1325.2							
G20.0	1231.4	1234.5	1316.1							
G21.0	1223.1	1226.0	1307.2							
G22.0	1213.7	1216.2	1296.2							
G23.0	1204.0	1207.2	1286.0							
G24.0	1193.8	1196.6	1274.3							
G25.0	1183.8	1186.5	1263.1							
G26.0	1173.6	1176.1	1251.5							
G27.0	1162.4	1163.9	1238.6							
G28.0	1150.8	1153.0	1226.0							
G29.0	1138.8	1141.0	1213.6							
G30.0	1126.9	1128.7	1198.6							
G31.0	1114.8	1117.1	1185.7							
G32.0	1101.0	1103.2	1170.2							
G33.0	1088.5	1090.7	1155.8							
G34.0	1074.9	1077.4	1141.4							
G35.0	1061.0	1063.3	1125.8							
G36.0	1047.2	1049.1	1110.4							

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	1032.1	1034.5	1095.0							
G38.0	1018.5	1020.3	1077.8							
G39.0	1003.7	1005.9	1061.6							
G40.0	987.4	989.1	1044.3							
G41.0	972.7	974.8	1027.2							
G42.0	957.5	958.8	1010.8							
G43.0	941.0	942.5	992.5							
G44.0	925.2	926.9	975.5							
G45.0	908.3	909.2	957.5							
G46.0	892.4	893.2	938.4							
G47.0	875.7	876.2	920.1							
G48.0	858.0	857.9	900.6							
G49.0	841.0	841.2	881.6							
G50.0	823.7	823.7	863.5							
G51.0	805.7	805.2	842.3							
G52.0	787.8	787.5	823.6							
G53.0	768.6	768.7	804.7							
G54.0	751.3	750.7	782.8							
G55.0	733.7	732.9	763.7							
G56.0	713.5	712.7	742.5							
G57.0	695.9	694.7	722.1							
G58.0	677.2	676.0	702.5							
G59.0	657.4	656.0	679.9							
G60.0	638.4	636.9	660.0							
G61.0	617.5	615.9	640.0							
G62.0	598.4	597.2	616.8							
G63.0	579.9	577.7	596.5							
G64.0	558.3	556.2	574.2							
G65.0	539.7	537.3	552.9							
G66.0	519.9	517.5	532.3							
G67.0	499.1	496.5	510.1							
G68.0	479.2	476.3	488.2							
G69.0	458.4	455.6	465.6							
G70.0	438.4	435.6	444.1							
G71.0	419.4	416.5	423.5							
G72.0	397.7	395.3	400.9							
G73.0	378.6	375.5	380.4							

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	357.8	354.6	359.2							
G75.0	338.0	334.9	337.1							
G76.0	319.7	316.3	317.2							
G77.0	298.8	295.9	295.6							
G78.0	280.6	276.8	275.1							
G79.0	262.0	258.9	255.8							
G80.0	243.1	238.8	234.9							
G81.0	226.1	220.7	216.5							
G82.0	207.1	202.4	198.6							
G83.0	190.8	186.0	178.8							
G84.0	175.5	170.4	162.4							
G85.0	158.6	153.7	145.4							
G86.0	144.6	139.9	130.1							
G87.0	131.8	126.7	116.3							
G88.0	118.3	113.8	101.9							
G89.0	107.8	102.8	90.6							
G90.0	98.7	92.3	79.7							
G91.0	91.5	83.3	68.3							
G92.0	85.4	74.3	58.2							
G93.0	80.6	65.7	47.6							
G94.0	77.3	57.5	38.1							
G95.0	75.0	50.6	28.5							
G96.0	73.2	44.3	19.7							
G97.0	71.5	40.7	12.6							
G98.0	70.1	38.2	7.7							
G99.0	68.6	36.7	6.4							
G100.0	67.1	35.3	6.0							
G101.0	65.3	34.0	5.8							
G102.0	63.7	32.8	5.7							
G103.0	62.4	31.5	5.7							
G104.0	60.5	30.2	5.9							
G105.0	59.2	29.1	6.0							
G106.0	57.5	27.9	6.1							
G107.0	56.0	26.6	6.2							
G108.0	54.5	25.7	6.4							
G109.0	52.9	24.5	6.5							
G110.0	51.4	23.7	6.7							

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G111.0	49.6	22.9	6.9							
G112.0	48.0	22.1	7.0							
G113.0	46.5	21.4	7.2							
G114.0	44.7	20.7	7.3							
G115.0	43.2	19.9	7.4							
G116.0	41.5	19.3	7.5							
G117.0	39.8	18.8	7.7							
G118.0	38.1	18.2	7.7							
G119.0	36.3	17.6	7.8							
G120.0	34.9	17.1	8.1							
G121.0	33.3	16.9	8.3							
G122.0	32.1	16.6	8.4							
G123.0	30.5	16.4	8.5							
G124.0	29.5	16.0	8.6							
G125.0	28.0	15.9	8.7							
G126.0	26.8	15.6	8.7							
G127.0	25.5	15.3	8.9							
G128.0	24.3	15.1	8.8							
G129.0	23.2	14.9	9.0							
G130.0	21.9	14.7	9.1							
G131.0	20.8	14.6	9.2							
G132.0	19.7	14.4	9.3							
G133.0	18.9	14.2	9.2							
G134.0	18.2	13.9	9.3							
G135.0	17.9	13.8	9.3							
G136.0	17.4	13.6	9.4							
G137.0	17.1	13.4	9.4							
G138.0	16.7	13.2	9.4							
G139.0	16.3	13.0	9.6							
G140.0	16.1	13.0	9.8							
G141.0	15.7	12.9	9.9							
G142.0	15.3	12.6	10.0							
G143.0	14.9	12.6	10.2							
G144.0	14.6	12.4	10.4							
G145.0	14.3	12.3	10.4							
G146.0	13.9	12.2	10.5							
G147.0	13.7	12.0	10.5							

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G148.0	13.6	12.1	10.6							
G149.0	13.5	11.9	10.7							
G150.0	13.4	11.9	10.9							
G151.0	13.3	12.1	10.9							
G152.0	13.2	12.4	11.1							
G153.0	13.1	12.5	11.1							
G154.0	13.0	12.4	11.2							
G155.0	13.0	12.3	11.4							
G156.0	12.9	12.2	11.7							
G157.0	12.8	12.2	12.2							
G158.0	12.8	12.1	12.1							
G159.0	12.8	12.3	12.0							
G160.0	12.7	12.3	12.0							
G161.0	12.9	12.4	11.9							
G162.0	12.8	12.6	11.9							
G163.0	13.0	12.6	11.9							
G164.0	13.1	12.7	12.0							
G165.0	13.1	12.8	12.1							
G166.0	13.1	12.9	12.1							
G167.0	13.3	13.0	12.3							
G168.0	13.5	13.1	12.4							
G169.0	13.4	13.2	12.4							
G170.0	13.6	13.3	12.6							
G171.0	13.7	13.4	12.5							
G172.0	13.8	13.4	12.5							
G173.0	13.8	13.5	12.7							
G174.0	13.8	13.6	12.8							
G175.0	13.9	13.6	12.9							
G176.0	13.9	13.7	12.9							
G177.0	14.0	13.8	13.0							
G178.0	14.1	13.9	13.0							
G179.0	14.1	13.9	13.1							
G180.0	14.1	13.9	13.1							

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 8.200 m

Humidity:

Inspector: