

Report No.:

Test Time: 2024-04-10 19:46

Luminaire Property

Luminaire Manufacturer:

Luminaire Category:

Lamp Catalog: 4000K

Number of Lamps:

Luminous Length (mm): 1500

Luminous Height (mm): 70

Current: 0.1270 A

Power Factor: 0.9720

Luminaire Description: 5070

Lamp Description:

Lumens per Lamp:

Luminous Width (mm): 50

Voltage: 231.30 V

Power: 28.60 W

Photometric Results

CIE Class: General Diffuse

Measurement Flux: 3612.1 lm

Downward Ratio: 55%

Horizontal Diffuse Angle(50%): H80.7

Vertical Diffuse Angle(50%): V72.4

Luminous Efficacy (lm/w): 126.30

Max. Intensity: 1259.16 cd

S/MH(C0/C180): 1.07

Total Rated Lamp Lumens: 3612.1 lm

Efficiency: 100%

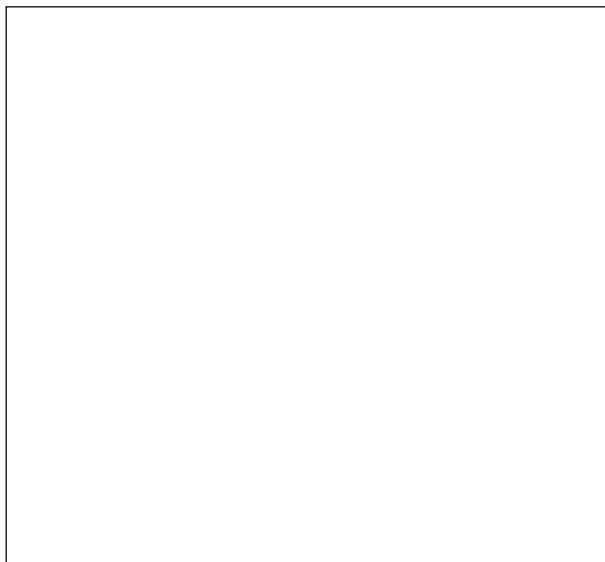
Upward Ratio: 45%

C0r0 Intensity: 1256.81 cd

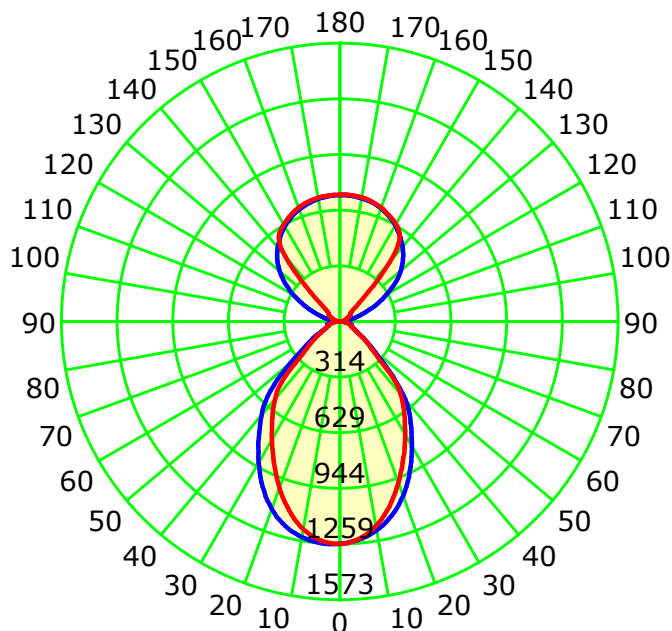
Pos of Max. Intensity: H180 V3

S/MH(C90/C270): 0.96

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 76.5°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

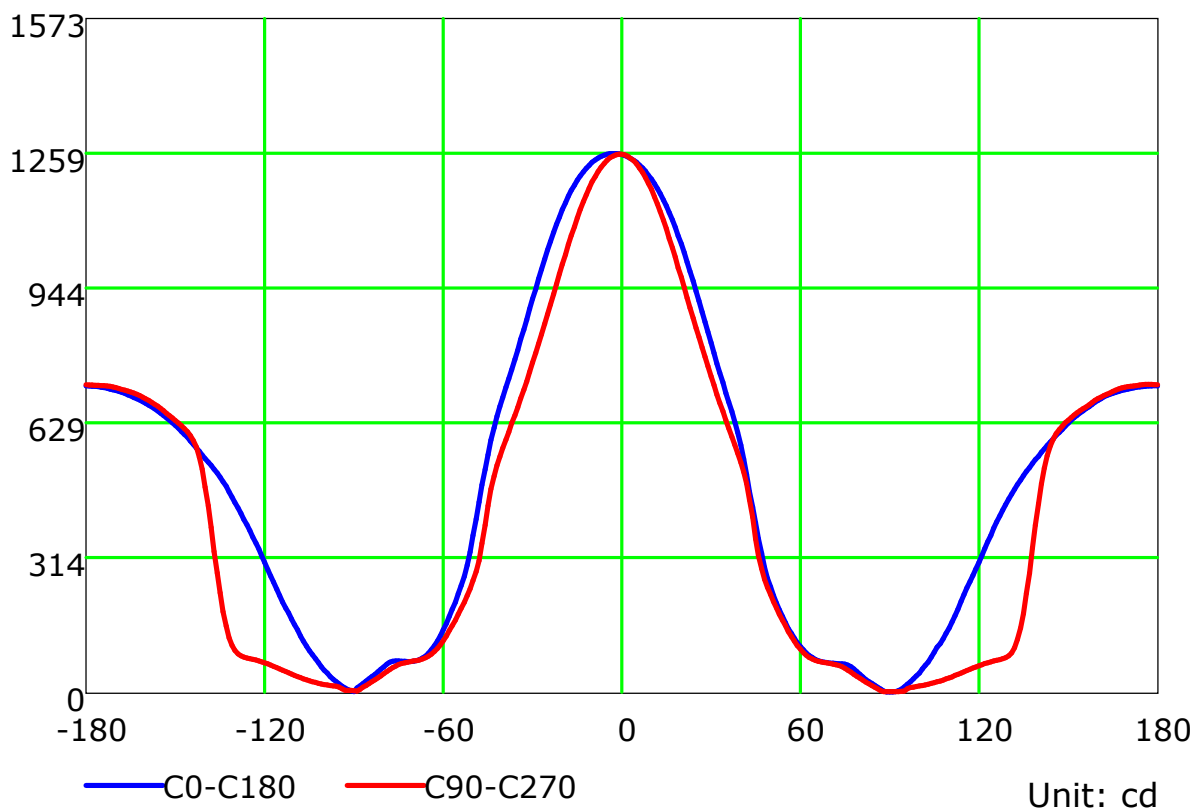
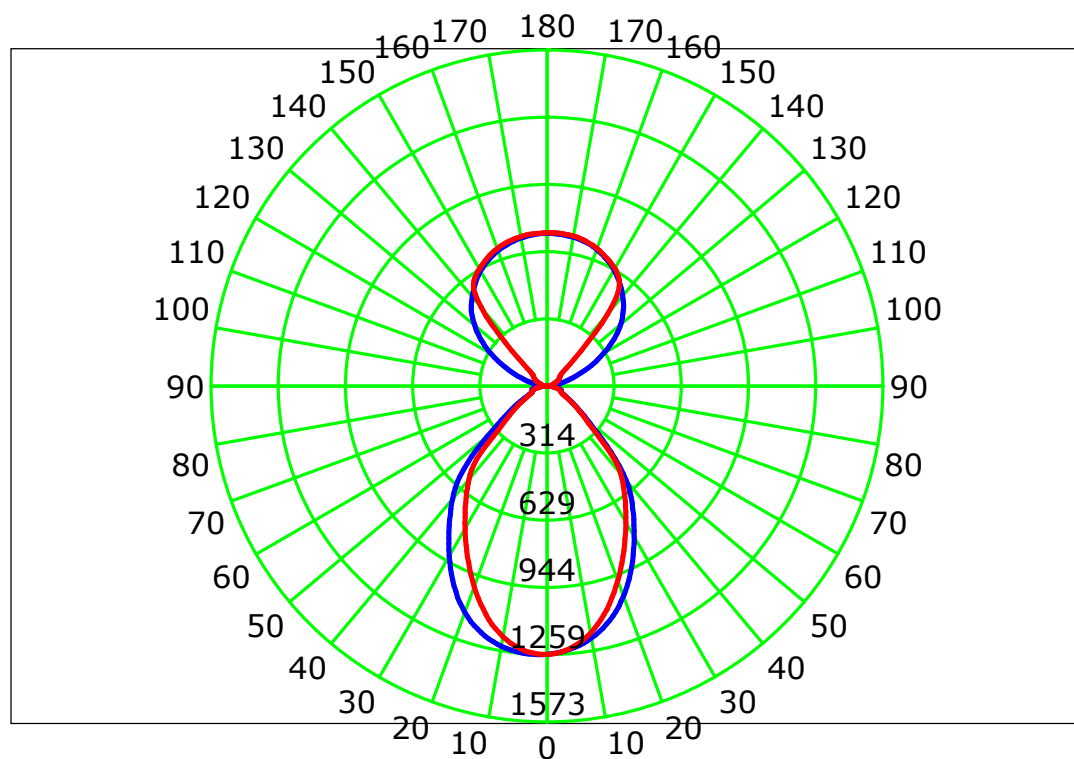
Distance: 7.172 m [K=1.0000]

Humidity:

Inspector:



Luminous Intensity Distribution Curve

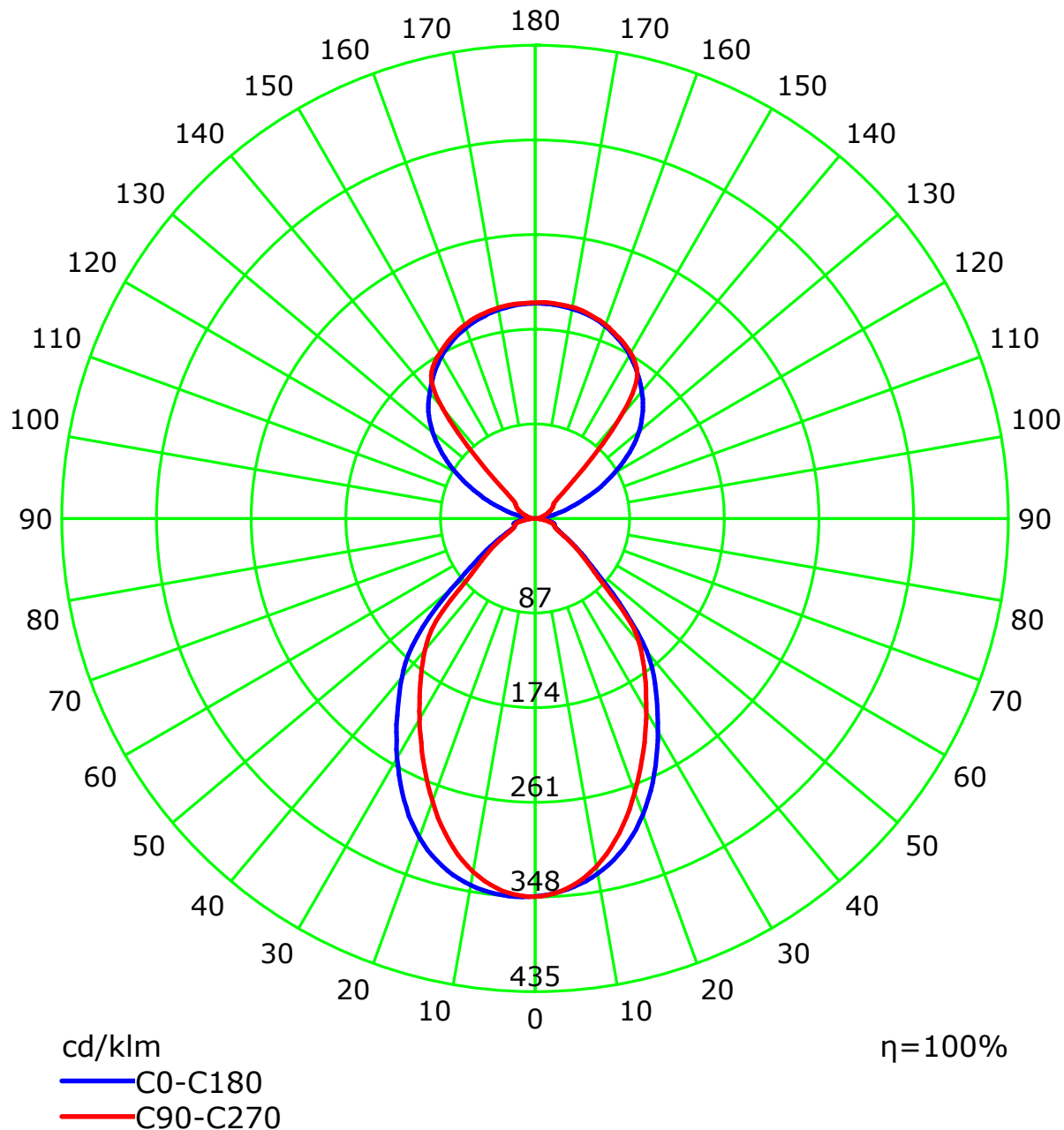


C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:



Luminous Intensity Distribution Curve(cd/klm)



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

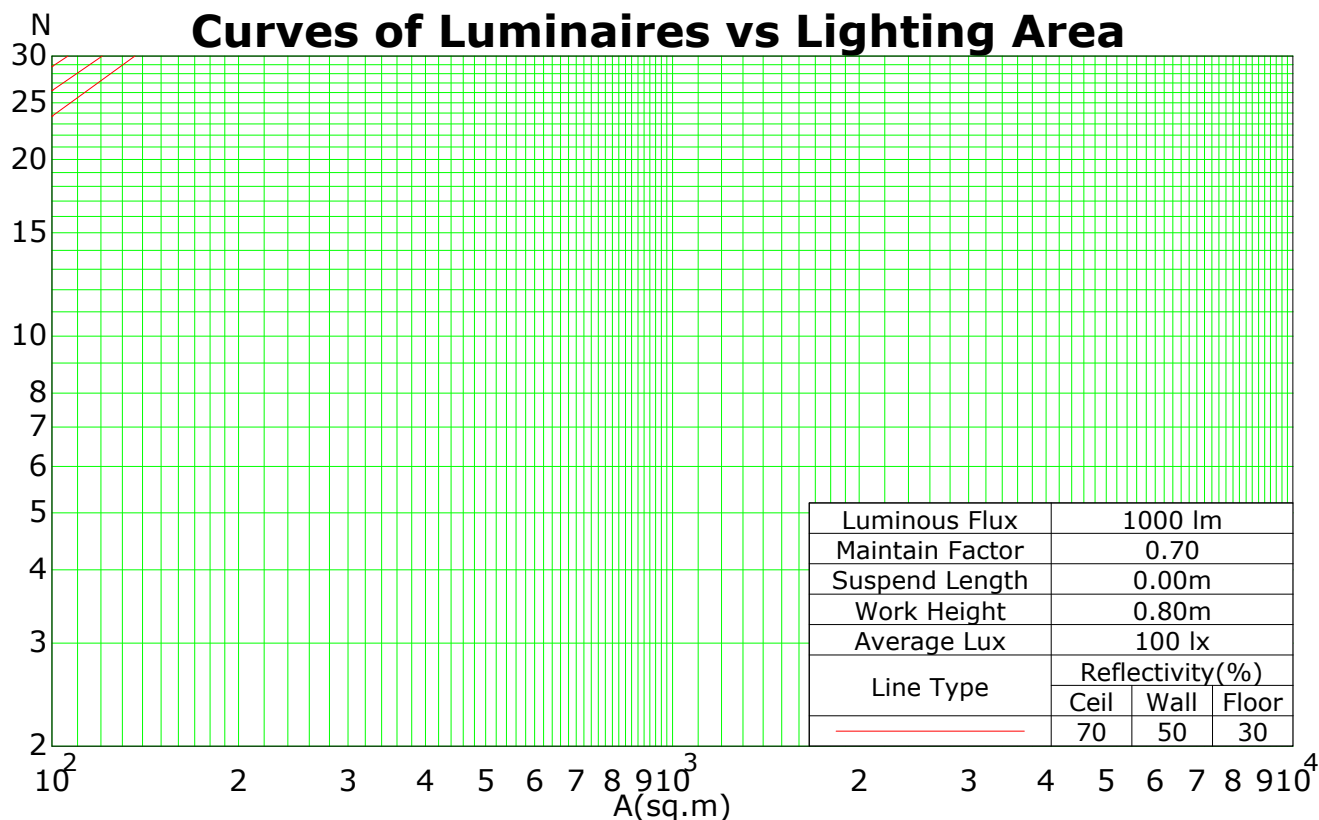
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:



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	1.08	1.08	1.08	1.08	1.00	1.00	1.00	1.00	0.86	0.86	0.86	0.73	0.73	0.73	0.60	0.60	0.60	0.55
1	1.00	0.96	0.93	0.89	0.93	0.89	0.86	0.84	0.77	0.75	0.73	0.66	0.64	0.63	0.55	0.54	0.53	0.48
2	0.92	0.85	0.80	0.75	0.85	0.80	0.75	0.71	0.69	0.66	0.63	0.59	0.57	0.55	0.50	0.48	0.47	0.43
3	0.85	0.76	0.70	0.64	0.79	0.71	0.66	0.61	0.62	0.58	0.54	0.54	0.50	0.48	0.46	0.43	0.42	0.38
4	0.78	0.69	0.61	0.56	0.73	0.64	0.58	0.53	0.56	0.51	0.48	0.49	0.45	0.42	0.42	0.39	0.37	0.34
5	0.73	0.62	0.54	0.49	0.68	0.58	0.52	0.47	0.51	0.46	0.42	0.45	0.41	0.38	0.38	0.36	0.33	0.30
6	0.67	0.56	0.49	0.43	0.63	0.53	0.46	0.41	0.47	0.41	0.37	0.41	0.37	0.34	0.35	0.32	0.30	0.27
7	0.63	0.51	0.44	0.39	0.58	0.48	0.42	0.37	0.43	0.38	0.34	0.38	0.34	0.30	0.33	0.30	0.27	0.25
8	0.58	0.47	0.40	0.35	0.55	0.44	0.38	0.33	0.39	0.34	0.30	0.35	0.31	0.28	0.30	0.27	0.25	0.23
9	0.55	0.43	0.36	0.31	0.51	0.41	0.34	0.30	0.36	0.31	0.28	0.32	0.28	0.25	0.28	0.25	0.23	0.21
10	0.51	0.40	0.33	0.28	0.48	0.38	0.32	0.27	0.34	0.29	0.25	0.30	0.26	0.23	0.27	0.23	0.21	0.19

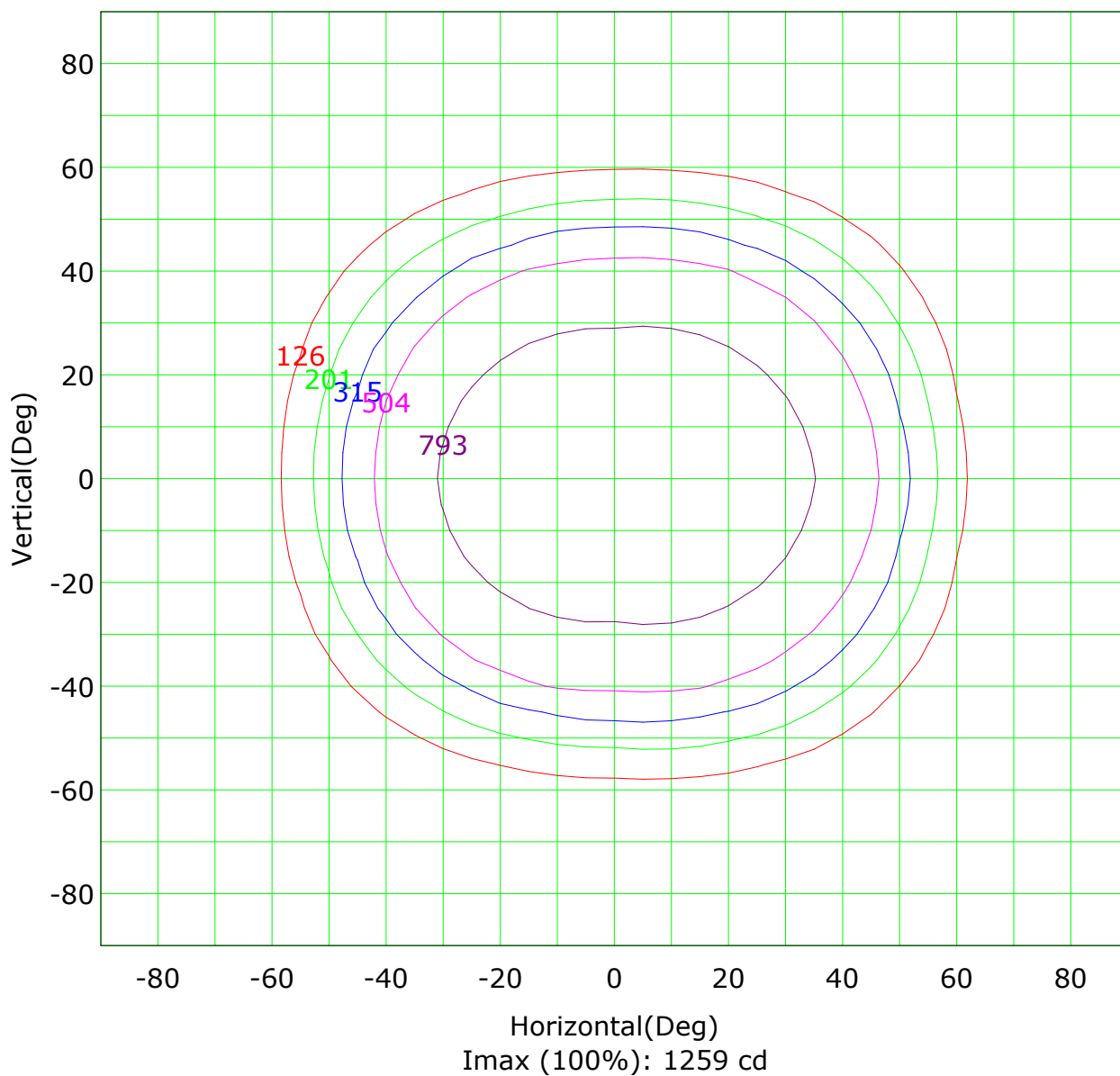
Spacing Criteria (0-180): 1.07
Spacing Criteria (90-270): 0.96
Spacing Criteria (Diagonal): 1.10



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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

Isocandela (rectangle)

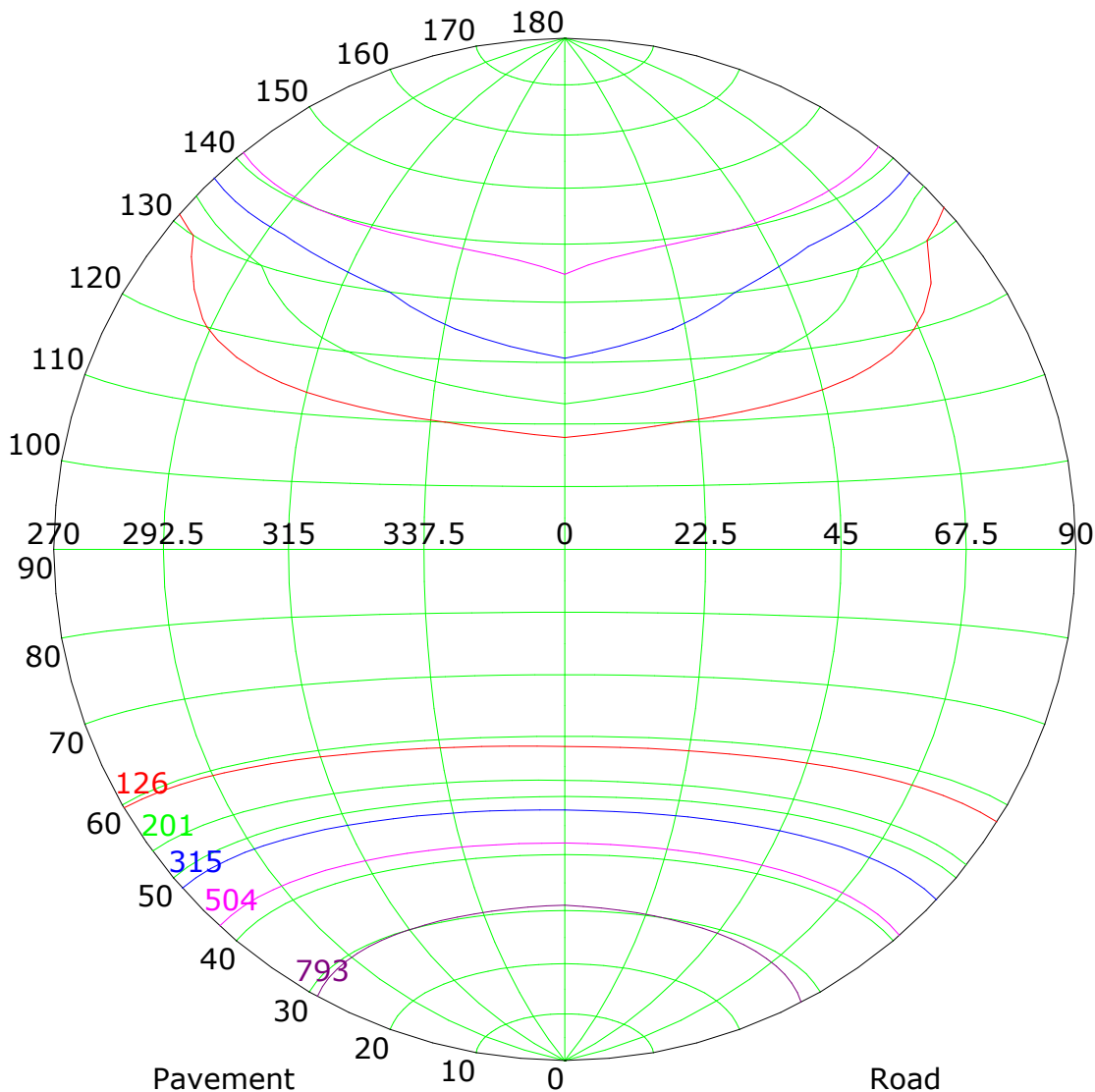


(10%): 126 cd	(16%): 201 cd
(25%): 315 cd	(40%): 504 cd
(63%): 793 cd	(100%): 1259 cd

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 7.172 m [K=1.0000]
 Humidity:
 Inspector:

Isocandela (sphere)



Imax (100%): 1259 cd

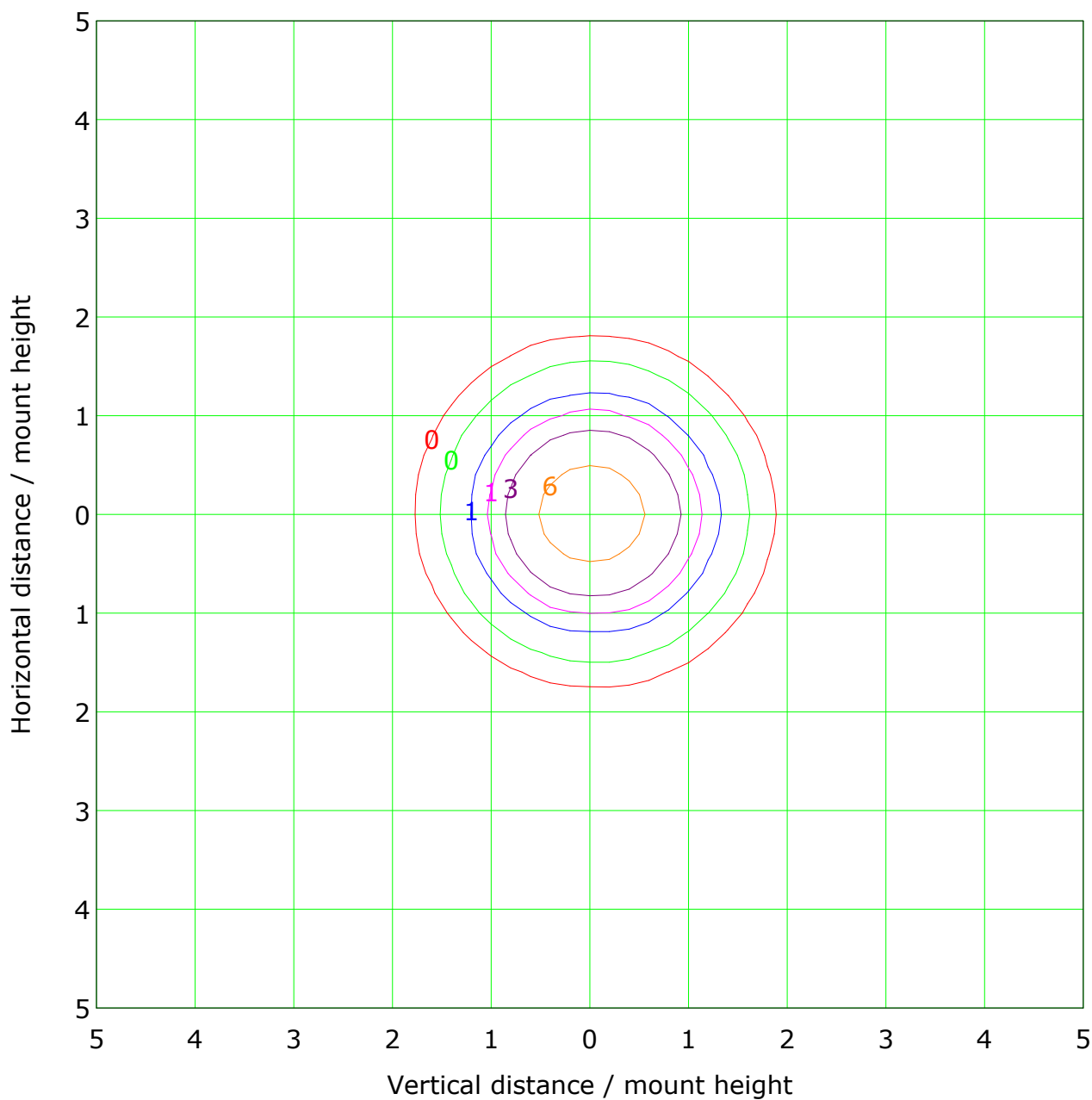
(10%): 126 cd
 (25%): 315 cd
 (63%): 793 cd

(16%): 201 cd
 (40%): 504 cd
 (100%): 1259 cd

CIE: narrow - short
 CIE: Full-cut-off luminaire
 Max.At90: 1.235 cd/klm

IES: Cut-off
 Max.At80: 16.558 cd/klm
 Max.80-90: 16.558 cd/klm

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 12.6 lx

(1%): 0.1 lx	(2%): 0.3 lx
(5%): 0.6 lx	(10%): 1.3 lx
(20%): 2.5 lx	(50%): 6.3 lx
(100%): 12.6 lx	

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

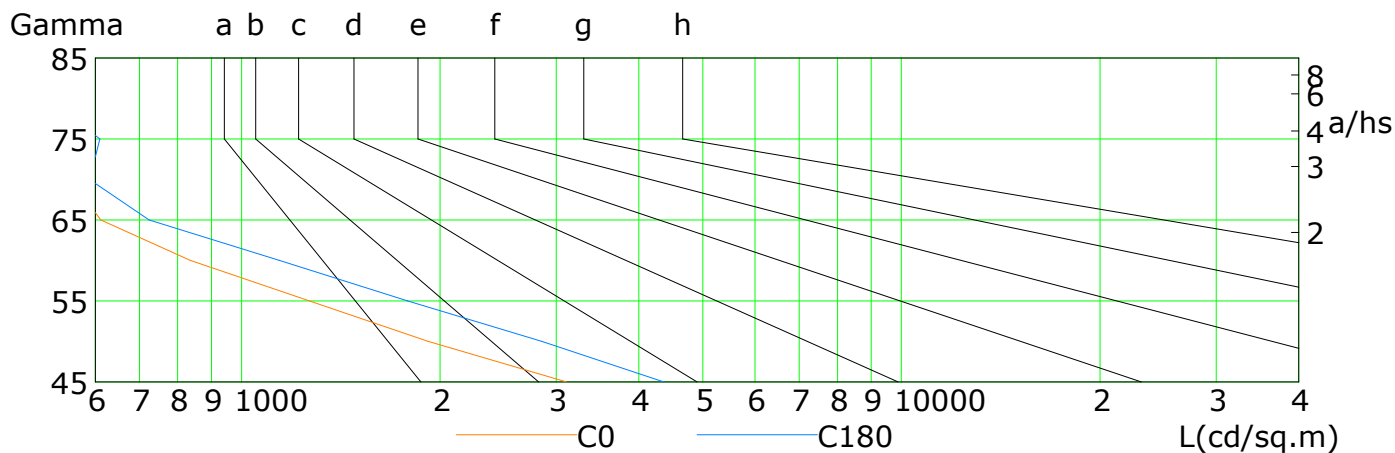
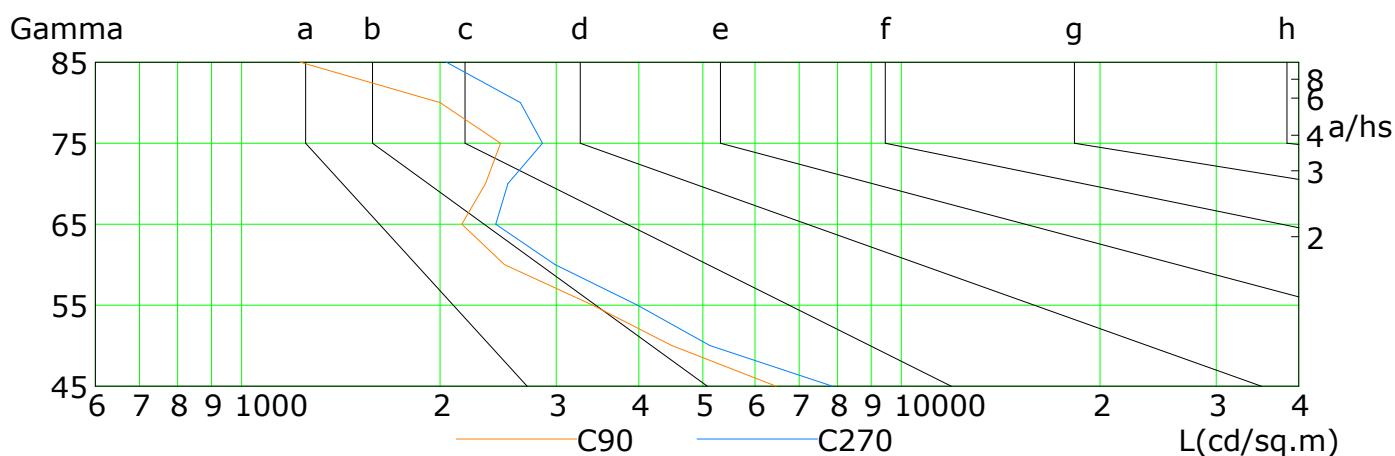
Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 7.172 m [K=1.0000]
 Humidity:
 Inspector:



Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
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	3109	1915	1268	836	612	553	546	362	150
C90	6460	4487	3407	2502	2157	2341	2468	1999	1228
C180	4364	2849	1786	1140	725	587	610	514	284
C270	7865	5128	3984	2984	2428	2532	2857	2647	2043

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

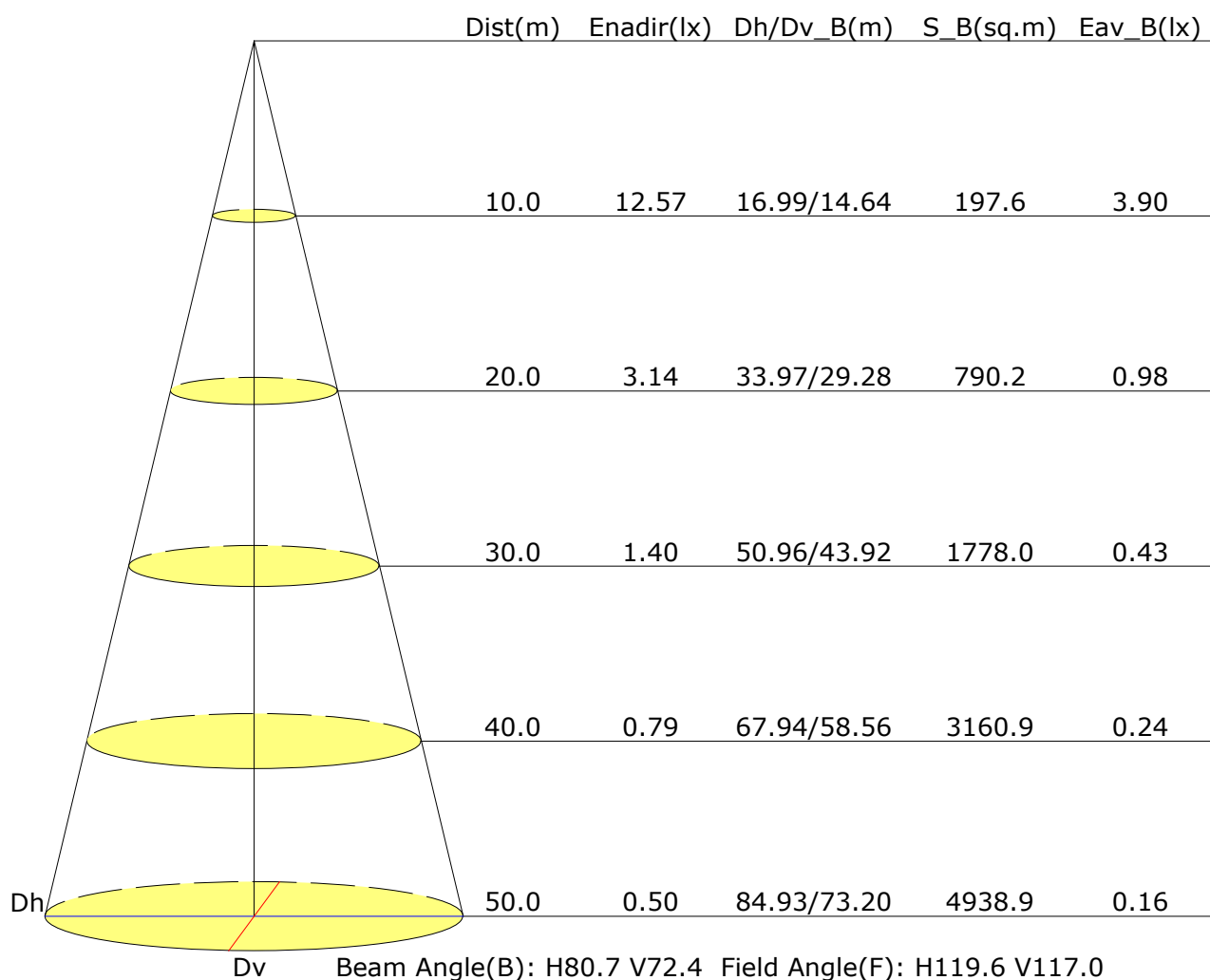
Test Device: GPM-1600L

Distance: 7.172 m [K=1.0000]

Humidity:

Inspector:

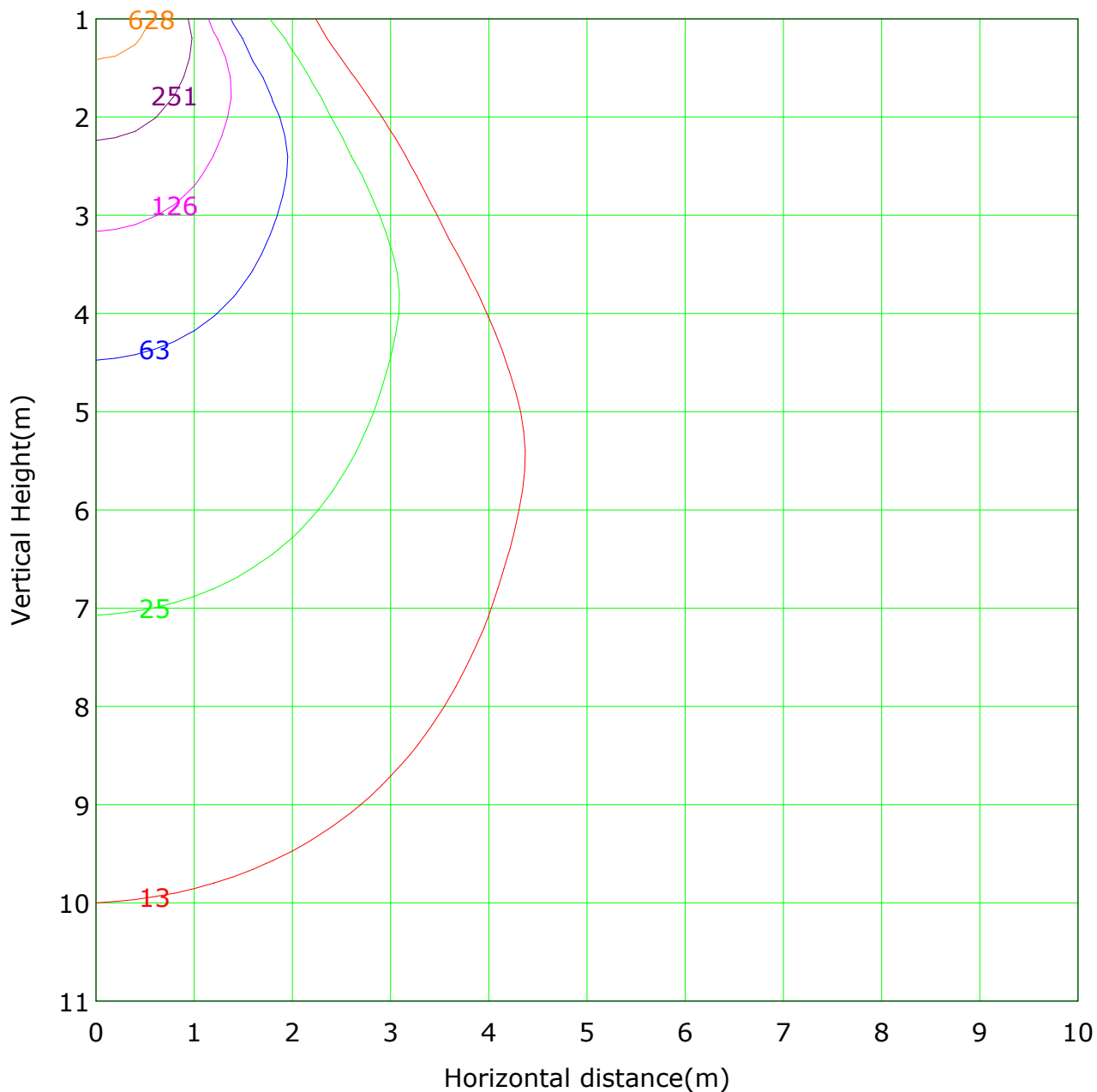
Illuminance at a Distance



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 7.172 m [K=1.0000]
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1256.8 lx

— (1%): 12.6 lx	— (2%): 25.1 lx
— (5%): 62.8 lx	— (10%): 125.7 lx
— (20%): 251.4 lx	— (50%): 628.4 lx
— (100%):1256.8 lx	

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 7.172 m [K=1.0000]
 Humidity:
 Inspector:

Area Flux Table

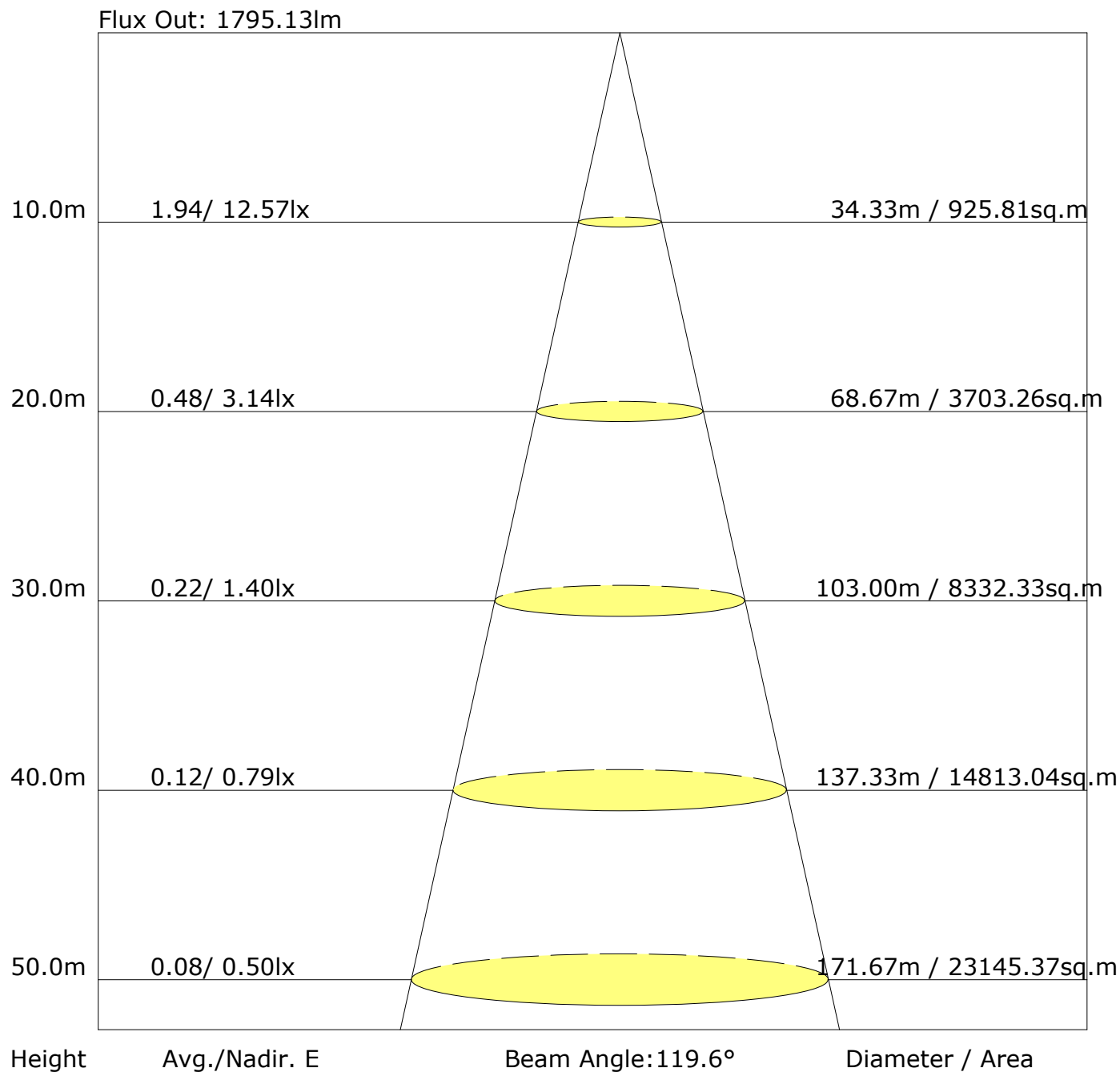
Unit: lm

Vertical plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	6.1	0.0	
	0.0	0.2	0.5	0.8	1.2	1.5	1.7	1.8	1.9	1.9	1.8	1.6	1.3	1.0	0.6	0.3	0.1	0.0	18.2	0.0	
	0.1	0.3	0.7	1.2	1.5	1.9	2.2	2.5	2.7	2.7	2.5	2.1	1.8	1.5	1.1	0.6	0.2	0.0	25.5	0.0	
	0.1	0.4	0.9	1.3	1.9	2.9	4.1	5.1	5.6	5.5	4.8	3.7	2.5	1.7	1.2	0.8	0.3	0.0	42.7	26.4	
	0.1	0.5	0.9	1.5	3.0	5.4	8.5	11.4	12.9	12.5	10.5	7.3	4.5	2.5	1.4	0.9	0.4	0.0	84.1	75.9	
	0.1	0.5	1.0	2.1	4.9	9.9	15.6	19.0	20.4	20.1	18.1	14.0	8.0	3.8	1.7	0.9	0.4	0.1	140.6	135.0	
	0.1	0.5	1.1	2.9	7.4	14.8	20.5	24.9	26.9	26.6	23.8	19.0	12.6	5.6	2.2	1.0	0.5	0.1	190.3	185.7	
	0.1	0.6	1.2	3.6	10.0	17.7	24.6	30.5	33.4	33.0	29.2	22.8	15.6	7.4	2.7	1.0	0.5	0.1	234.2	230.2	
	0.1	0.6	1.3	4.1	11.5	19.5	27.6	34.1	37.3	36.8	32.6	25.3	17.2	8.5	2.9	1.1	0.5	0.1	261.1	257.4	
	0.1	0.6	1.3	4.1	11.4	19.5	27.5	34.0	37.1	36.6	32.5	25.2	17.1	8.5	2.9	1.1	0.5	0.1	259.9	256.2	
	0.1	0.6	1.2	3.6	9.8	17.6	24.4	30.0	32.8	32.4	28.8	22.5	15.5	7.2	2.6	1.0	0.5	0.1	230.6	226.6	
	0.1	0.5	1.1	2.8	7.2	14.4	20.1	24.3	26.1	25.7	23.2	18.6	12.2	5.3	2.2	0.9	0.5	0.1	185.3	180.6	
	0.1	0.5	1.0	2.0	4.7	9.4	14.8	18.3	19.5	19.2	17.4	13.2	7.4	3.6	1.7	0.9	0.4	0.0	134.4	128.4	
	0.1	0.5	0.9	1.5	2.8	5.1	7.8	10.3	11.4	11.1	9.3	6.6	4.2	2.3	1.3	0.9	0.4	0.0	76.4	67.7	
	0.1	0.4	0.9	1.2	1.8	2.6	3.7	4.6	4.9	4.7	4.2	3.3	2.3	1.6	1.2	0.8	0.3	0.0	38.5	19.2	
	0.0	0.3	0.7	1.1	1.5	1.8	2.1	2.3	2.4	2.4	2.2	2.0	1.7	1.4	1.0	0.5	0.2	0.0	23.6	0.0	
	0.0	0.2	0.4	0.7	1.1	1.3	1.5	1.6	1.7	1.6	1.6	1.4	1.2	0.9	0.6	0.3	0.1	0.0	16.2	0.0	
	0.0	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.4	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	4.5	0.0	
Flux(T)	1.3	7.2	15.2	35.2	82.4	146.0	207.6	255.9	278.2	274.0	243.5	189.3	125.8	63.4	27.6	13.0	5.7	0.7	1972		
Flux(E)	0.0	0.0	0.5	22.1	70.9	134.9	196.7	245.1	267.6	263.1	232.6	178.3	114.4	51.2	12.0	0.0	0.0	0.0		1789	
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane																					

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 7.172 m [K=1.0000]
 Humidity:
 Inspector:

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

The Average Illuminance Effective Figure



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 7.172 m [K=1.0000]
 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	10.2	11.0	11.0	11.8	12.8	11.7	12.5	12.6	13.4	14.4
3H	10.3	11.0	11.2	11.9	12.9	12.2	12.8	13.0	13.7	14.8
4H	10.5	11.1	11.3	12.0	13.1	12.5	13.2	13.4	14.0	15.1
6H	10.6	11.2	11.5	12.0	13.2	12.8	13.4	13.7	14.3	15.4
8H	10.6	11.1	11.5	12.0	13.2	12.9	13.5	13.8	14.4	15.5
12H	10.5	11.1	11.4	12.0	13.1	13.0	13.5	13.9	14.4	15.5
X=4H Y=2H	10.1	10.7	11.0	11.6	12.7	11.5	12.2	12.4	13.0	14.1
3H	10.4	10.9	11.3	11.8	13.0	12.1	12.6	13.0	13.5	14.7
4H	10.7	11.1	11.6	12.0	13.2	12.6	13.0	13.5	14.0	15.1
6H	10.9	11.3	11.8	12.2	13.4	13.0	13.4	13.9	14.3	15.5
8H	10.9	11.3	11.8	12.2	13.4	13.1	13.5	14.1	14.4	15.7
12H	10.9	11.2	11.8	12.1	13.4	13.2	13.5	14.2	14.5	15.7
X=8H Y=4H	10.7	11.1	11.7	12.0	13.3	12.5	12.9	13.5	13.8	15.1
6H	11.0	11.3	12.0	12.3	13.5	13.0	13.3	14.0	14.3	15.5
8H	11.0	11.3	12.0	12.3	13.6	13.1	13.4	14.1	14.4	15.7
12H	11.0	11.3	12.1	12.3	13.6	13.2	13.5	14.3	14.5	15.8
X=12H Y=4H	10.7	11.0	11.6	12.0	13.2	12.4	12.8	13.4	13.7	15.0
6H	11.0	11.2	12.0	12.2	13.5	12.9	13.2	13.9	14.2	15.5
8H	11.0	11.3	12.1	12.3	13.6	13.1	13.3	14.1	14.3	15.6
Variations with the observer position at spacings:										
S=1.0H	+1.0/-1.5					+0.9/-1.1				
S=1.5H	+2.0/-2.4					+2.3/-2.1				
S=2.0H	+3.5/-2.9					+3.8/-2.9				

Calculate in accordance with CIE Pub.117. The table is revised with 3612lm ($8\log(F/F_0) = 4.5$).

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.00									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.53	0.62	0.68	0.72	0.78	0.82	0.84	0.88	0.90	
	0.30		0.47	0.56	0.62	0.66	0.73	0.77	0.80	0.85	0.88	
	0.20		0.42	0.51	0.57	0.62	0.69	0.73	0.77	0.82	0.85	
0.50	0.50	0.20	0.47	0.55	0.60	0.63	0.68	0.71	0.73	0.76	0.78	
	0.30		0.43	0.50	0.55	0.59	0.64	0.68	0.70	0.74	0.76	
	0.20		0.39	0.47	0.52	0.55	0.61	0.65	0.68	0.72	0.74	
0.30	0.50	0.20	0.42	0.48	0.52	0.55	0.59	0.61	0.63	0.65	0.67	
	0.30		0.38	0.45	0.49	0.52	0.56	0.59	0.61	0.64	0.65	
	0.20		0.35	0.42	0.46	0.49	0.54	0.57	0.59	0.62	0.64	
0.00	0.00	0.00	0.30	0.35	0.38	0.40	0.43	0.45	0.46	0.48	0.50	
Rating:29W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.00									
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	0.80	0.66	0.56	0.49	0.39	0.32	0.28	0.21	0.17	
	0.30		0.67	0.56	0.49	0.43	0.35	0.30	0.25	0.20	0.17	
	0.20		0.57	0.49	0.43	0.39	0.32	0.27	0.24	0.19	0.16	
0.50	0.50	0.20	0.68	0.55	0.47	0.41	0.32	0.29	0.23	0.18	0.14	
	0.30		0.57	0.48	0.41	0.36	0.29	0.25	0.21	0.17	0.14	
	0.20		0.50	0.42	0.37	0.33	0.27	0.23	0.20	0.16	0.13	
0.30	0.50	0.20	0.56	0.45	0.38	0.33	0.26	0.21	0.18	0.14	0.12	
	0.30		0.48	0.40	0.34	0.30	0.24	0.20	0.17	0.13	0.11	
	0.20		0.42	0.35	0.31	0.27	0.22	0.19	0.16	0.13	0.11	
0.00	0.00	0.00	0.25	0.20	0.17	0.15	0.12	0.10	0.08	0.07	0.05	
Rating:29W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.00									
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	0.59	0.60	0.61	0.62	0.62	0.63	0.63	0.64	0.64	
	0.30		0.54	0.55	0.56	0.57	0.59	0.60	0.60	0.61	0.62	
	0.20		0.50	0.51	0.52	0.53	0.55	0.57	0.58	0.59	0.60	
0.50	0.50	0.20	0.57	0.58	0.59	0.59	0.60	0.60	0.61	0.61	0.61	
	0.30		0.52	0.54	0.55	0.56	0.57	0.58	0.58	0.59	0.60	
	0.20		0.49	0.50	0.52	0.53	0.54	0.55	0.56	0.57	0.58	
0.30	0.50	0.20	0.55	0.56	0.57	0.57	0.58	0.58	0.58	0.59	0.59	
	0.30		0.52	0.53	0.53	0.54	0.55	0.56	0.56	0.57	0.58	
	0.20		0.49	0.50	0.51	0.52	0.53	0.54	0.55	0.56	0.56	
0.00	0.00	0.00	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	
Rating:29W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												



Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1256.8	1.2	1.2	0.03	0.03
1.0-2.0	1255.6	3.6	4.8	0.10	0.13
2.0-3.0	1253.4	6.0	10.8	0.17	0.30
3.0-4.0	1250.0	8.4	19.2	0.23	0.53
4.0-5.0	1245.7	10.7	29.9	0.30	0.83
5.0-6.0	1240.0	13.0	42.9	0.36	1.19
6.0-7.0	1233.2	15.3	58.2	0.42	1.61
7.0-8.0	1225.5	17.5	75.8	0.49	2.10
8.0-9.0	1216.5	19.7	95.5	0.55	2.64
9.0-10.0	1206.5	21.8	117.3	0.60	3.25
10.0-11.0	1195.2	23.9	141.2	0.66	3.91
11.0-12.0	1182.6	25.9	167.1	0.72	4.63
12.0-13.0	1169.6	27.8	194.8	0.77	5.39
13.0-14.0	1154.9	29.6	224.4	0.82	6.21
14.0-15.0	1139.2	31.3	255.7	0.87	7.08
15.0-16.0	1122.4	32.9	288.6	0.91	7.99
16.0-17.0	1104.5	34.4	323.0	0.95	8.94
17.0-18.0	1086.6	35.8	358.8	0.99	9.93
18.0-19.0	1066.9	37.1	395.9	1.03	10.96
19.0-20.0	1046.3	38.3	434.2	1.06	12.02
20.0-21.0	1026.0	39.4	473.6	1.09	13.11
21.0-22.0	1004.5	40.4	514.0	1.12	14.23
22.0-23.0	982.7	41.2	555.2	1.14	15.37
23.0-24.0	960.3	42.0	597.2	1.16	16.53
24.0-25.0	937.6	42.6	639.9	1.18	17.71
25.0-26.0	915.5	43.2	683.1	1.20	18.91
26.0-27.0	892.1	43.7	726.7	1.21	20.12
27.0-28.0	868.6	44.0	770.7	1.22	21.34
28.0-29.0	846.2	44.3	815.0	1.23	22.56
29.0-30.0	823.1	44.4	859.4	1.23	23.79
30.0-31.0	800.2	44.5	904.0	1.23	25.03
31.0-32.0	777.2	44.5	948.5	1.23	26.26
32.0-33.0	754.9	44.5	993.0	1.23	27.49
33.0-34.0	733.8	44.4	1037.4	1.23	28.72
34.0-35.0	711.8	44.2	1081.6	1.22	29.94
35.0-36.0	690.4	44.0	1125.6	1.22	31.16

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
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	669.8	43.7	1169.3	1.21	32.37
37.0-38.0	648.8	43.3	1212.6	1.20	33.57
38.0-39.0	627.8	42.9	1255.4	1.19	34.76
39.0-40.0	605.5	42.2	1297.7	1.17	35.93
40.0-41.0	581.5	41.4	1339.1	1.15	37.07
41.0-42.0	556.2	40.4	1379.5	1.12	38.19
42.0-43.0	526.6	39.0	1418.5	1.08	39.27
43.0-44.0	493.4	37.2	1455.8	1.03	40.30
44.0-45.0	456.6	35.1	1490.9	0.97	41.27
45.0-46.0	416.9	32.6	1523.5	0.90	42.18
46.0-47.0	379.4	30.2	1553.6	0.84	43.01
47.0-48.0	344.4	27.8	1581.5	0.77	43.78
48.0-49.0	313.4	25.7	1607.2	0.71	44.50
49.0-50.0	287.7	24.0	1631.2	0.66	45.16
50.0-51.0	263.7	22.3	1653.5	0.62	45.78
51.0-52.0	242.2	20.8	1674.3	0.58	46.35
52.0-53.0	223.5	19.4	1693.8	0.54	46.89
53.0-54.0	206.2	18.2	1711.9	0.50	47.39
54.0-55.0	190.6	17.0	1729.0	0.47	47.87
55.0-56.0	175.6	15.9	1744.8	0.44	48.30
56.0-57.0	161.2	14.7	1759.6	0.41	48.71
57.0-58.0	148.4	13.7	1773.3	0.38	49.09
58.0-59.0	135.9	12.7	1786.0	0.35	49.44
59.0-60.0	124.3	11.7	1797.7	0.33	49.77
60.0-61.0	113.9	10.9	1808.6	0.30	50.07
61.0-62.0	104.7	10.1	1818.7	0.28	50.35
62.0-63.0	97.0	9.4	1828.1	0.26	50.61
63.0-64.0	90.3	8.9	1837.0	0.25	50.86
64.0-65.0	84.7	8.4	1845.4	0.23	51.09
65.0-66.0	80.4	8.0	1853.4	0.22	51.31
66.0-67.0	77.1	7.8	1861.2	0.21	51.53
67.0-68.0	74.5	7.6	1868.7	0.21	51.73
68.0-69.0	72.7	7.4	1876.1	0.21	51.94
69.0-70.0	71.3	7.3	1883.5	0.20	52.14
70.0-71.0	70.2	7.3	1890.7	0.20	52.34
71.0-72.0	69.3	7.2	1897.9	0.20	52.54

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
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	68.4	7.2	1905.1	0.20	52.74
73.0-74.0	67.4	7.1	1912.2	0.20	52.94
74.0-75.0	66.1	7.0	1919.2	0.19	53.13
75.0-76.0	64.1	6.8	1926.0	0.19	53.32
76.0-77.0	61.2	6.5	1932.5	0.18	53.50
77.0-78.0	57.3	6.1	1938.6	0.17	53.67
78.0-79.0	52.7	5.7	1944.3	0.16	53.83
79.0-80.0	47.5	5.1	1949.4	0.14	53.97
80.0-81.0	42.0	4.5	1954.0	0.13	54.09
81.0-82.0	36.7	4.0	1957.9	0.11	54.20
82.0-83.0	31.8	3.5	1961.4	0.10	54.30
83.0-84.0	27.3	3.0	1964.4	0.08	54.38
84.0-85.0	22.7	2.5	1966.8	0.07	54.45
85.0-86.0	18.1	2.0	1968.8	0.05	54.51
86.0-87.0	13.5	1.5	1970.3	0.04	54.55
87.0-88.0	9.1	1.0	1971.3	0.03	54.57
88.0-89.0	5.6	0.6	1971.9	0.02	54.59
89.0-90.0	3.3	0.4	1972.3	0.01	54.60
90.0-91.0	2.6	0.3	1972.5	0.01	54.61
91.0-92.0	3.2	0.4	1972.9	0.01	54.62
92.0-93.0	4.5	0.5	1973.4	0.01	54.63
93.0-94.0	6.9	0.8	1974.1	0.02	54.65
94.0-95.0	10.2	1.1	1975.3	0.03	54.68
95.0-96.0	14.5	1.6	1976.8	0.04	54.73
96.0-97.0	18.7	2.0	1978.9	0.06	54.78
97.0-98.0	22.5	2.4	1981.3	0.07	54.85
98.0-99.0	26.6	2.9	1984.2	0.08	54.93
99.0-100.0	30.8	3.3	1987.6	0.09	55.02
100.0-101.0	35.4	3.8	1991.4	0.11	55.13
101.0-102.0	40.5	4.4	1995.7	0.12	55.25
102.0-103.0	45.6	4.9	2000.6	0.14	55.39
103.0-104.0	51.2	5.5	2006.1	0.15	55.54
104.0-105.0	57.4	6.1	2012.2	0.17	55.71
105.0-106.0	63.7	6.7	2018.9	0.19	55.89
106.0-107.0	70.1	7.4	2026.3	0.20	56.10
107.0-108.0	76.6	8.0	2034.3	0.22	56.32

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
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	84.1	8.7	2043.0	0.24	56.56
109.0-110.0	92.0	9.5	2052.5	0.26	56.82
110.0-111.0	99.9	10.3	2062.8	0.28	57.11
111.0-112.0	108.2	11.0	2073.8	0.31	57.41
112.0-113.0	116.6	11.8	2085.6	0.33	57.74
113.0-114.0	125.4	12.6	2098.2	0.35	58.09
114.0-115.0	134.8	13.5	2111.7	0.37	58.46
115.0-116.0	144.0	14.3	2126.0	0.39	58.86
116.0-117.0	153.3	15.0	2141.0	0.42	59.27
117.0-118.0	162.2	15.8	2156.8	0.44	59.71
118.0-119.0	170.9	16.5	2173.3	0.46	60.17
119.0-120.0	180.1	17.2	2190.4	0.48	60.64
120.0-121.0	189.4	17.9	2208.3	0.50	61.14
121.0-122.0	198.5	18.6	2226.9	0.51	61.65
122.0-123.0	207.3	19.2	2246.1	0.53	62.18
123.0-124.0	215.5	19.7	2265.8	0.55	62.73
124.0-125.0	224.0	20.2	2286.0	0.56	63.29
125.0-126.0	232.4	20.7	2306.8	0.57	63.86
126.0-127.0	240.2	21.2	2327.9	0.59	64.45
127.0-128.0	248.1	21.6	2349.5	0.60	65.05
128.0-129.0	256.1	22.0	2371.5	0.61	65.65
129.0-130.0	265.0	22.4	2393.9	0.62	66.27
130.0-131.0	275.3	23.0	2416.9	0.64	66.91
131.0-132.0	287.1	23.6	2440.5	0.65	67.56
132.0-133.0	302.6	24.5	2464.9	0.68	68.24
133.0-134.0	321.8	25.6	2490.5	0.71	68.95
134.0-135.0	344.3	26.9	2517.4	0.75	69.69
135.0-136.0	370.8	28.5	2546.0	0.79	70.48
136.0-137.0	399.4	30.2	2576.1	0.83	71.32
137.0-138.0	430.5	31.9	2608.0	0.88	72.20
138.0-139.0	462.3	33.6	2641.6	0.93	73.13
139.0-140.0	491.1	35.0	2676.6	0.97	74.10
140.0-141.0	517.9	36.1	2712.7	1.00	75.10
141.0-142.0	541.3	36.9	2749.6	1.02	76.12
142.0-143.0	560.0	37.4	2787.0	1.03	77.16
143.0-144.0	575.4	37.5	2824.5	1.04	78.20

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
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	587.6	37.4	2862.0	1.04	79.23
145.0-146.0	597.8	37.1	2899.1	1.03	80.26
146.0-147.0	606.5	36.7	2935.8	1.02	81.28
147.0-148.0	613.8	36.2	2972.0	1.00	82.28
148.0-149.0	620.9	35.6	3007.6	0.98	83.26
149.0-150.0	627.8	34.9	3042.5	0.97	84.23
150.0-151.0	634.2	34.2	3076.7	0.95	85.18
151.0-152.0	640.3	33.5	3110.2	0.93	86.11
152.0-153.0	645.8	32.7	3142.9	0.91	87.01
153.0-154.0	651.3	31.9	3174.8	0.88	87.89
154.0-155.0	656.6	31.0	3205.8	0.86	88.75
155.0-156.0	661.5	30.1	3235.9	0.83	89.58
156.0-157.0	666.4	29.1	3265.0	0.81	90.39
157.0-158.0	671.1	28.2	3293.2	0.78	91.17
158.0-159.0	675.8	27.2	3320.4	0.75	91.92
159.0-160.0	680.3	26.1	3346.5	0.72	92.65
160.0-161.0	684.3	25.0	3371.5	0.69	93.34
161.0-162.0	688.1	23.9	3395.5	0.66	94.00
162.0-163.0	691.6	22.8	3418.3	0.63	94.63
163.0-164.0	694.6	21.6	3439.9	0.60	95.23
164.0-165.0	697.6	20.4	3460.4	0.57	95.80
165.0-166.0	700.3	19.2	3479.6	0.53	96.33
166.0-167.0	703.0	18.0	3497.6	0.50	96.83
167.0-168.0	705.4	16.7	3514.3	0.46	97.29
168.0-169.0	707.4	15.5	3529.8	0.43	97.72
169.0-170.0	709.2	14.2	3544.0	0.39	98.11
170.0-171.0	710.8	12.9	3556.8	0.36	98.47
171.0-172.0	712.2	11.5	3568.4	0.32	98.79
172.0-173.0	713.5	10.2	3578.6	0.28	99.07
173.0-174.0	714.6	8.9	3587.5	0.25	99.32
174.0-175.0	715.5	7.5	3595.0	0.21	99.53
175.0-176.0	716.2	6.2	3601.1	0.17	99.70
176.0-177.0	716.7	4.8	3605.9	0.13	99.83
177.0-178.0	717.2	3.4	3609.4	0.09	99.92
178.0-179.0	717.4	2.1	3611.4	0.06	99.98
179.0-180.0	717.4	0.7	3612.1	0.02	100.00

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 1490.86 lm

%lum = 41.3%

%lamp = 41.3%

cone flux(120°): 1797.74 lm

%lum = 49.8%

%lamp = 49.8%

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	1256.8	1257.4	1256.8	1257.4	1256.8					
G1.0	1254.3	1255.8	1258.2	1257.5	1254.3					
G2.0	1251.5	1252.9	1259.0	1256.0	1251.5					
G3.0	1247.6	1247.8	1259.2	1253.0	1247.6					
G4.0	1243.1	1242.0	1258.6	1248.7	1243.1					
G5.0	1238.2	1234.6	1257.3	1243.3	1238.2					
G6.0	1231.6	1225.2	1254.8	1235.3	1231.6					
G7.0	1225.0	1214.7	1251.9	1226.8	1225.0					
G8.0	1217.7	1202.5	1248.0	1217.1	1217.7					
G9.0	1208.3	1189.3	1243.7	1205.2	1208.3					
G10.0	1199.2	1175.3	1238.4	1192.8	1199.2					
G11.0	1188.3	1158.0	1231.4	1178.0	1188.3					
G12.0	1176.9	1141.7	1224.3	1162.6	1176.9					
G13.0	1165.1	1123.1	1216.5	1146.7	1165.1					
G14.0	1150.4	1102.9	1206.8	1127.9	1150.4					
G15.0	1136.7	1083.7	1196.5	1108.6	1136.7					
G16.0	1121.1	1060.6	1184.5	1087.5	1121.1					
G17.0	1103.7	1038.6	1172.6	1067.3	1103.7					
G18.0	1086.9	1017.2	1159.6	1046.4	1086.9					
G19.0	1066.6	992.0	1143.3	1022.9	1066.6					
G20.0	1048.0	969.8	1128.0	1000.0	1048.0					
G21.0	1027.7	946.4	1110.3	977.8	1027.7					
G22.0	1005.6	921.9	1093.2	953.5	1005.6					
G23.0	983.6	898.7	1075.0	930.2	983.6					
G24.0	961.2	874.6	1053.4	905.7	961.2					
G25.0	937.2	851.6	1033.4	883.5	937.2					
G26.0	914.9	830.0	1011.7	861.3	914.9					
G27.0	889.0	805.4	988.3	836.2	889.0					
G28.0	865.2	784.0	966.3	814.5	865.2					
G29.0	842.6	762.1	941.8	793.2	842.6					
G30.0	816.7	738.6	919.2	770.3	816.7					
G31.0	793.3	718.4	896.4	748.7	793.3					
G32.0	768.1	696.0	870.4	726.7	768.1					
G33.0	746.5	676.7	847.7	706.9	746.5					
G34.0	723.9	657.2	825.2	686.7	723.9					
G35.0	699.7	636.1	799.9	666.0	699.7					
G36.0	678.7	617.1	778.0	647.4	678.7					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 7.172 m [K=1.0000]

Humidity:

Inspector:



Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	656.4	597.3	754.4	629.2	656.4					
G38.0	632.5	578.2	733.4	608.6	632.5					
G39.0	607.6	558.8	712.6	590.7	607.6					
G40.0	577.5	537.2	689.0	570.6	577.5					
G41.0	544.3	514.8	668.0	550.7	544.3					
G42.0	508.8	488.0	645.0	530.2	508.8					
G43.0	468.4	449.9	617.7	504.7	468.4					
G44.0	432.5	409.0	589.8	475.4	432.5					
G45.0	395.8	358.6	555.4	436.6	395.8					
G46.0	358.4	319.2	520.4	390.6	358.4					
G47.0	324.6	289.0	485.2	348.0	324.6					
G48.0	291.7	264.0	444.7	307.9	291.7					
G49.0	266.7	245.5	404.6	282.4	266.7					
G50.0	246.4	228.3	366.5	261.0	246.4					
G51.0	226.0	212.2	327.7	241.6	226.0					
G52.0	209.0	197.7	297.3	226.0	209.0					
G53.0	193.1	182.5	271.4	210.9	193.1					
G54.0	177.4	168.9	249.6	196.0	177.4					
G55.0	163.6	156.3	230.5	182.8	163.6					
G56.0	149.3	142.6	210.8	168.9	149.3					
G57.0	137.7	130.7	194.0	156.1	137.7					
G58.0	126.5	120.3	177.4	144.4	126.5					
G59.0	116.2	109.6	161.0	131.7	116.2					
G60.0	107.3	101.4	146.4	121.0	107.3					
G61.0	99.5	93.2	131.6	111.2	99.5					
G62.0	92.4	87.2	120.1	102.7	92.4					
G63.0	86.6	82.1	109.3	95.7	86.6					
G64.0	81.6	78.1	99.5	89.5	81.6					
G65.0	77.6	75.2	91.9	84.7	77.6					
G66.0	74.8	73.2	85.0	81.2	74.8					
G67.0	72.5	71.4	80.3	78.1	72.5					
G68.0	70.8	70.3	76.7	76.2	70.8					
G69.0	69.7	69.0	74.2	74.5	69.7					
G70.0	68.7	67.8	73.0	73.3	68.7					
G71.0	68.1	66.4	72.4	72.2	68.1					
G72.0	67.5	64.8	72.3	70.9	67.5					
G73.0	67.1	62.9	72.5	69.4	67.1					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 7.172 m [K=1.0000]

Humidity:

Inspector:



Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	66.8	60.0	73.1	67.6	66.8					
G75.0	66.0	56.3	73.7	65.1	66.0					
G76.0	63.9	52.2	73.8	62.1	63.9					
G77.0	59.9	47.2	72.9	57.8	59.9					
G78.0	54.6	42.4	70.3	53.5	54.6					
G79.0	48.9	37.7	65.9	48.8	48.9					
G80.0	42.2	32.9	59.8	43.6	42.2					
G81.0	36.0	28.5	54.0	38.8	36.0					
G82.0	30.6	24.3	47.9	33.9	30.6					
G83.0	25.7	20.4	42.4	29.2	25.7					
G84.0	21.5	16.4	37.3	25.1	21.5					
G85.0	16.7	12.3	31.5	20.5	16.7					
G86.0	12.5	8.6	26.2	16.2	12.5					
G87.0	8.2	3.7	20.7	12.2	8.2					
G88.0	3.2	1.9	15.5	7.3	3.2					
G89.0	0.9	1.7	11.0	3.3	0.9					
G90.0	1.0	1.8	1.9	4.5	1.0					
G91.0	1.2	1.9	3.8	4.5	1.2					
G92.0	1.5	2.0	6.5	4.6	1.5					
G93.0	4.3	2.1	10.4	4.9	4.3					
G94.0	8.2	2.3	14.4	8.4	8.2					
G95.0	13.1	3.2	19.5	12.7	13.1					
G96.0	19.0	8.8	25.3	14.3	19.0					
G97.0	24.8	11.5	31.1	15.2	24.8					
G98.0	31.5	12.7	37.2	16.3	31.5					
G99.0	38.7	14.0	45.2	17.3	38.7					
G100.0	45.3	15.1	52.0	18.6	45.3					
G101.0	54.9	16.4	60.5	20.0	54.9					
G102.0	63.0	17.8	70.0	21.5	63.0					
G103.0	70.7	19.3	79.2	23.2	70.7					
G104.0	82.6	21.0	88.6	25.3	82.6					
G105.0	93.8	22.9	97.8	27.2	93.8					
G106.0	105.4	25.0	108.0	29.6	105.4					
G107.0	114.3	26.8	119.7	32.0	114.3					
G108.0	124.9	28.9	131.7	34.4	124.9					
G109.0	137.8	31.6	145.9	37.3	137.8					
G110.0	150.6	34.0	158.8	39.9	150.6					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 7.172 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	164.7	36.6	171.9	42.6	164.7					
G112.0	179.1	39.6	185.6	45.7	179.1					
G113.0	194.1	42.3	197.4	48.8	194.1					
G114.0	212.7	45.4	211.0	51.7	212.7					
G115.0	228.3	48.1	226.3	55.1	228.3					
G116.0	243.8	51.2	241.4	58.0	243.8					
G117.0	259.4	54.0	257.4	61.3	259.4					
G118.0	273.0	56.9	271.9	64.1	273.0					
G119.0	288.3	59.7	286.7	66.7	288.3					
G120.0	304.1	62.5	303.6	69.3	304.1					
G121.0	319.9	64.9	318.9	71.7	319.9					
G122.0	336.5	67.3	335.2	73.8	336.5					
G123.0	351.5	69.5	349.0	75.5	351.5					
G124.0	366.9	71.4	362.7	77.2	366.9					
G125.0	383.7	73.3	378.1	78.8	383.7					
G126.0	398.2	75.0	391.4	80.5	398.2					
G127.0	412.6	76.6	404.3	82.6	412.6					
G128.0	425.9	78.6	418.6	85.4	425.9					
G129.0	438.8	81.0	430.8	89.9	438.8					
G130.0	451.8	85.4	444.0	98.5	451.8					
G131.0	463.3	92.5	456.6	110.2	463.3					
G132.0	474.2	104.4	468.4	127.5	474.2					
G133.0	485.6	123.9	481.6	155.2	485.6					
G134.0	495.8	150.6	492.4	189.1	495.8					
G135.0	506.5	184.2	502.5	233.2	506.5					
G136.0	516.5	231.5	512.4	279.6	516.5					
G137.0	525.5	278.8	521.3	329.6	525.5					
G138.0	535.2	337.4	530.3	385.7	535.2					
G139.0	543.8	391.0	538.1	436.6	543.8					
G140.0	551.8	440.9	546.3	480.0	551.8					
G141.0	560.8	487.2	554.8	521.5	560.8					
G142.0	568.8	523.9	563.0	549.9	568.8					
G143.0	577.1	553.1	570.9	573.1	577.1					
G144.0	584.9	575.9	579.6	588.8	584.9					
G145.0	592.8	591.8	587.6	599.9	592.8					
G146.0	600.5	604.7	596.2	609.3	600.5					
G147.0	607.4	614.1	603.2	616.5	607.4					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600L

Distance: 7.172 m [K=1.0000]

Humidity:

Inspector:



Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	614.3	621.8	610.0	623.1	614.3					
G149.0	622.0	629.6	617.2	629.6	622.0					
G150.0	629.0	635.8	623.9	635.1	629.0					
G151.0	636.1	642.1	630.0	641.4	636.1					
G152.0	642.3	647.9	636.2	646.8	642.3					
G153.0	647.4	652.8	641.4	652.0	647.4					
G154.0	653.0	658.2	647.1	658.4	653.0					
G155.0	657.7	662.8	652.3	663.2	657.7					
G156.0	662.8	666.9	657.6	668.5	662.8					
G157.0	667.7	671.7	662.6	673.3	667.7					
G158.0	672.5	676.8	667.0	677.5	672.5					
G159.0	677.5	682.3	671.2	682.0	677.5					
G160.0	681.9	686.4	675.4	685.8	681.9					
G161.0	686.1	690.1	679.0	689.7	686.1					
G162.0	690.3	693.7	682.7	693.6	690.3					
G163.0	693.4	696.5	685.9	696.8	693.4					
G164.0	696.4	699.6	689.2	699.4	696.4					
G165.0	698.8	703.0	692.5	701.8	698.8					
G166.0	701.2	706.2	695.3	704.0	701.2					
G167.0	703.4	709.2	698.4	706.3	703.4					
G168.0	705.4	711.6	700.8	708.1	705.4					
G169.0	707.1	713.2	703.0	710.0	707.1					
G170.0	708.7	714.4	705.2	712.0	708.7					
G171.0	710.1	715.3	707.2	713.7	710.1					
G172.0	711.4	716.0	708.8	715.4	711.4					
G173.0	712.8	716.8	710.5	716.1	712.8					
G174.0	713.9	717.9	712.0	716.6	713.9					
G175.0	714.6	718.8	713.2	717.0	714.6					
G176.0	715.1	719.6	714.1	717.2	715.1					
G177.0	715.7	719.9	714.9	717.4	715.7					
G178.0	716.3	719.5	715.6	717.9	716.3					
G179.0	716.3	719.1	715.9	718.2	716.3					
G180.0	716.2	718.6	716.2	718.6	716.2					

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 7.172 m [K=1.0000]
Humidity:
Inspector: