

Report No.:

Test Time: 2020-07-14 16:40

## Luminaire Property

Luminaire Manufacturer:

Luminous Length (mm): 235

Luminous Height (mm): 0

Current: 0.499 A

Power Factor: 1.000

Luminous Width (mm): 235

Voltage: 43.1 V

Power: 21.48 W

## Photometric Results

IES Classification: Type III

Total Rated Lamp Lumens: 3078.9 lm

Efficiency: 100%

Upward Ratio: 0%

Central Intensity: 714.64 cd

Pos of Max. Intensity: H20 V71

Longitudinal Classification: Medium

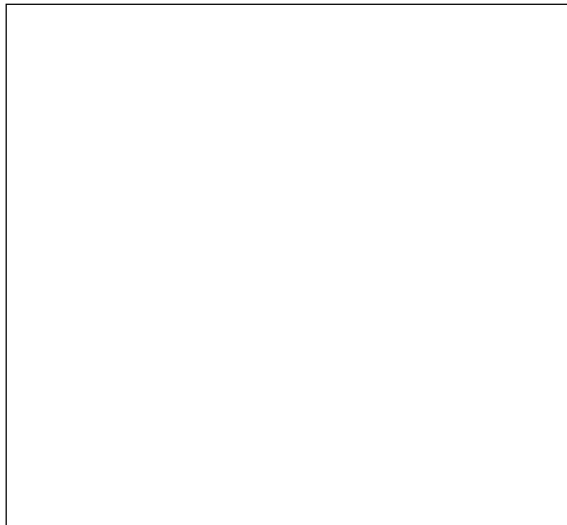
Measurement Flux: 3078.9 lm

Downward Ratio: 100%

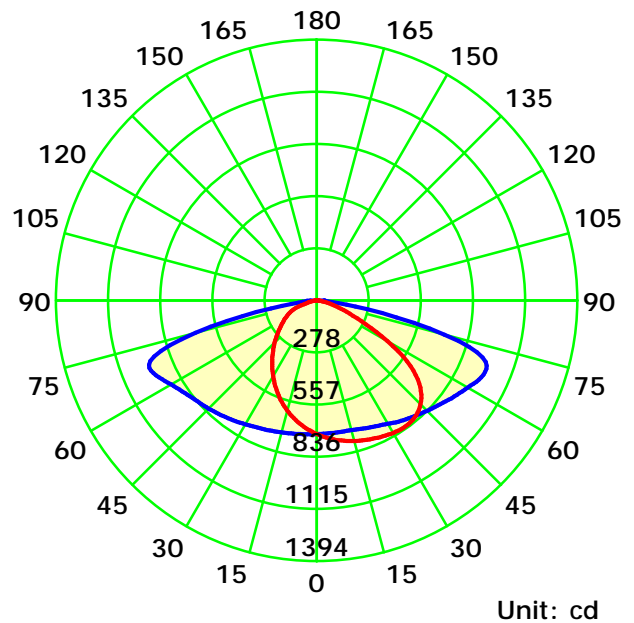
Luminaire Efficacy Rating (LER): 143.39

Max. Intensity: 1115.43 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

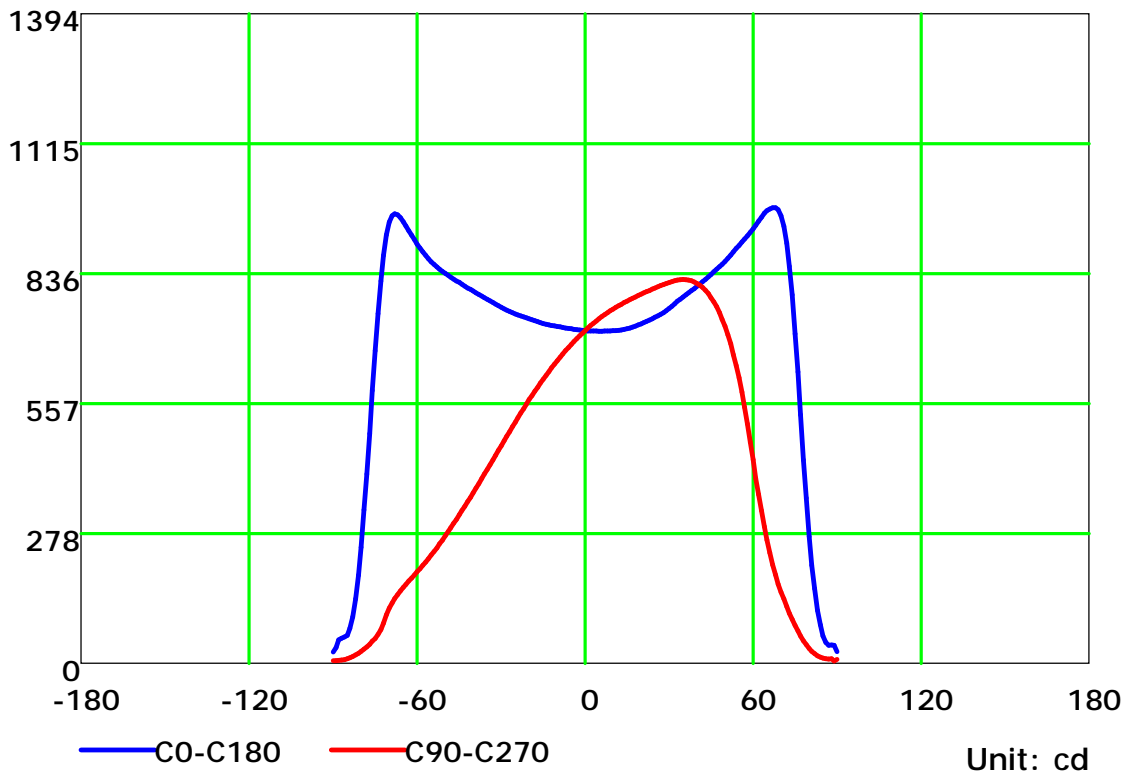
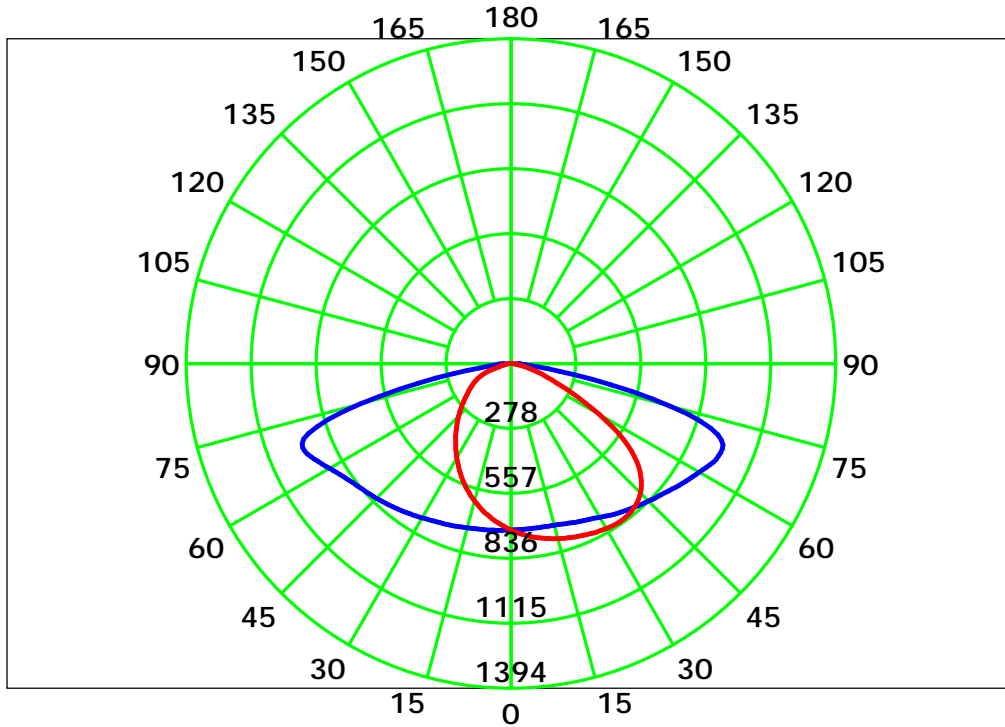
Test Device: GPM-1600L

Distance: 7.000 m

Humidity:

Inspector:

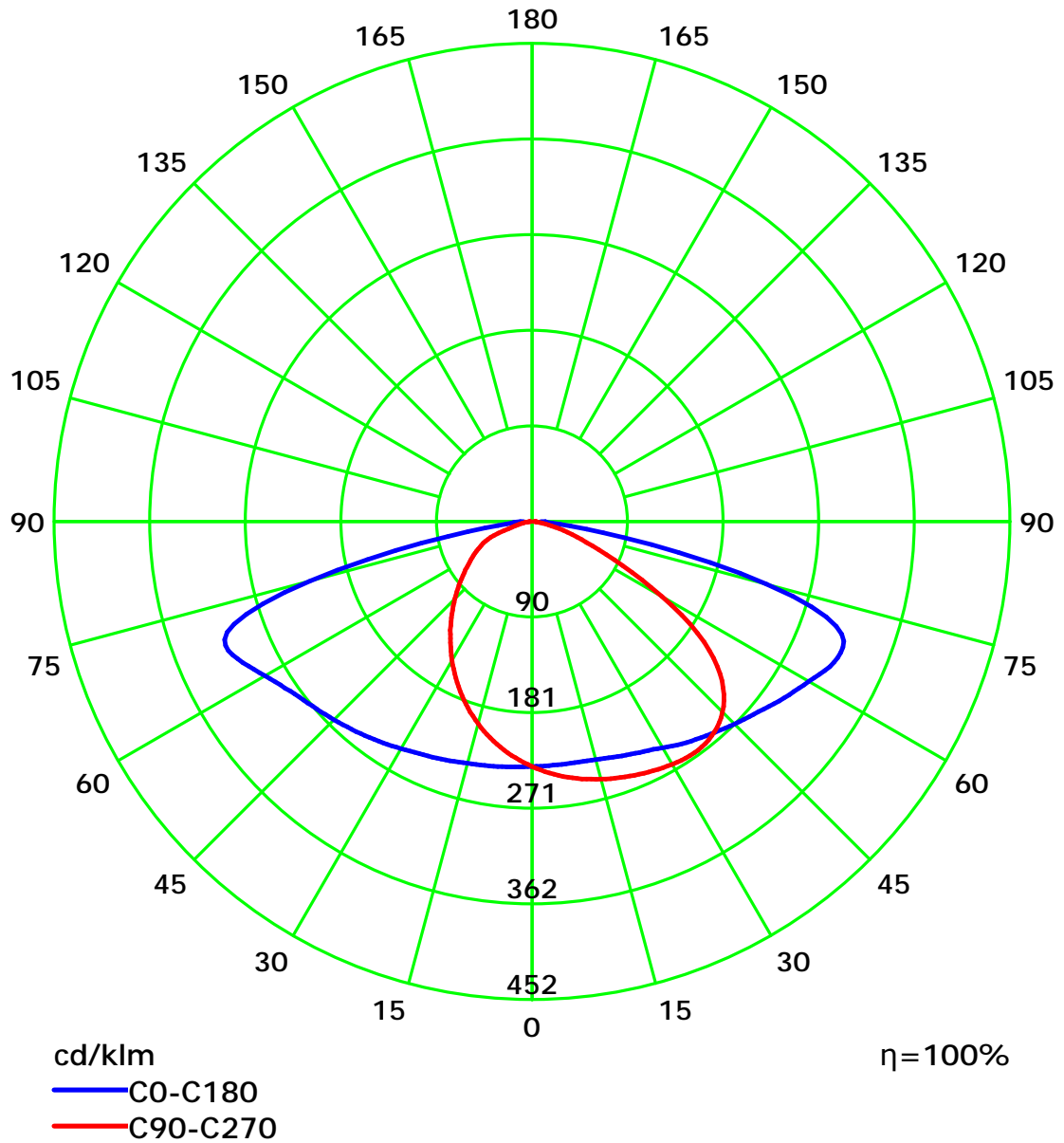
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 10.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600L  
Distance: 7.000 m  
Humidity:  
Inspector:

## Luminous Intensity Distribution Curve(cd/klm)



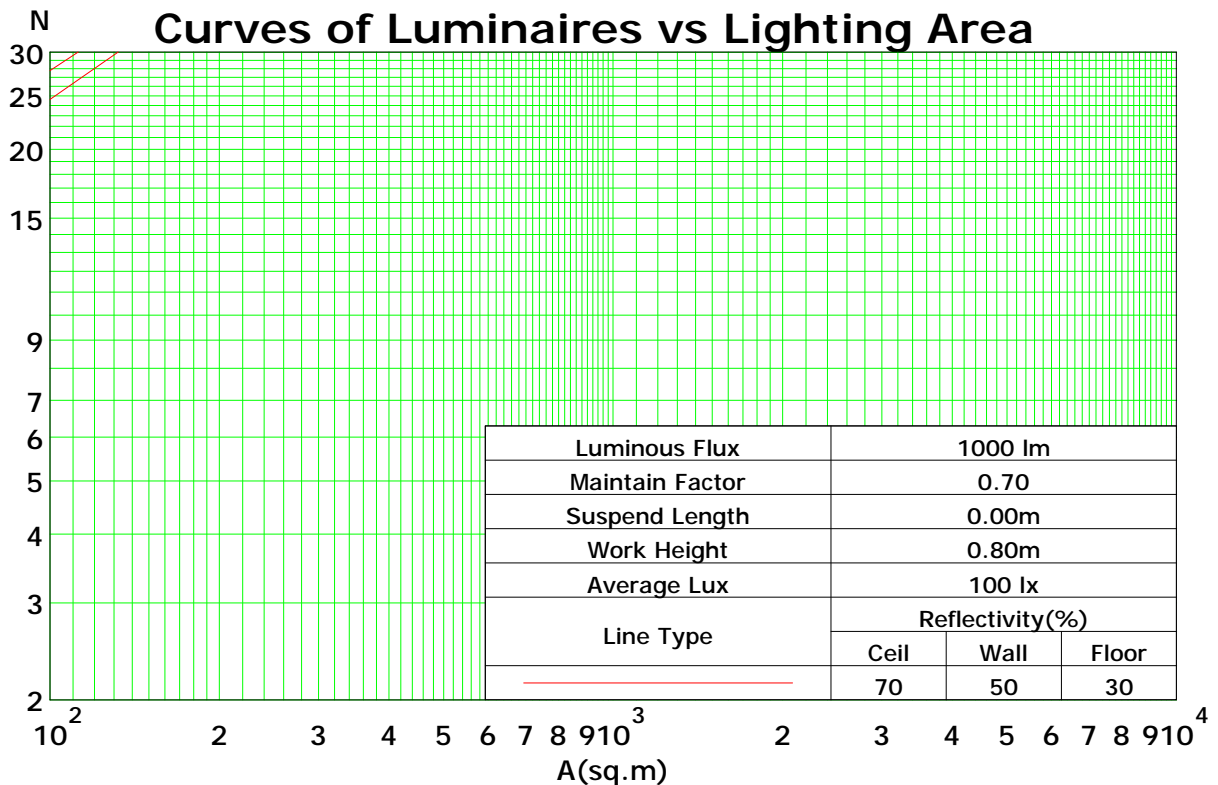
C Plane (°):0.0-360.0: 10.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600L  
Distance: 7.000 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	107	102	97	93	105	100	95	91	95	92	88	91	88	86	88	85	83	81
2	96	87	79	73	93	85	78	72	81	75	70	78	73	68	75	70	67	64
3	86	75	65	58	84	73	64	58	70	63	57	67	61	55	64	59	54	52
4	78	65	55	48	76	64	54	47	61	53	47	58	52	46	56	50	45	43
5	71	57	47	40	69	56	47	40	54	46	39	52	44	39	50	43	38	36
6	65	51	41	34	63	50	41	34	48	40	34	46	39	33	45	38	33	31
7	60	46	36	30	59	45	36	29	43	35	29	42	34	29	40	34	29	27
8	56	41	32	26	54	41	32	26	39	31	26	38	31	25	37	30	25	23
9	52	38	29	23	51	37	29	23	36	28	23	35	28	23	34	27	22	21
10	49	35	26	21	47	34	26	21	33	26	20	32	25	20	31	25	20	18

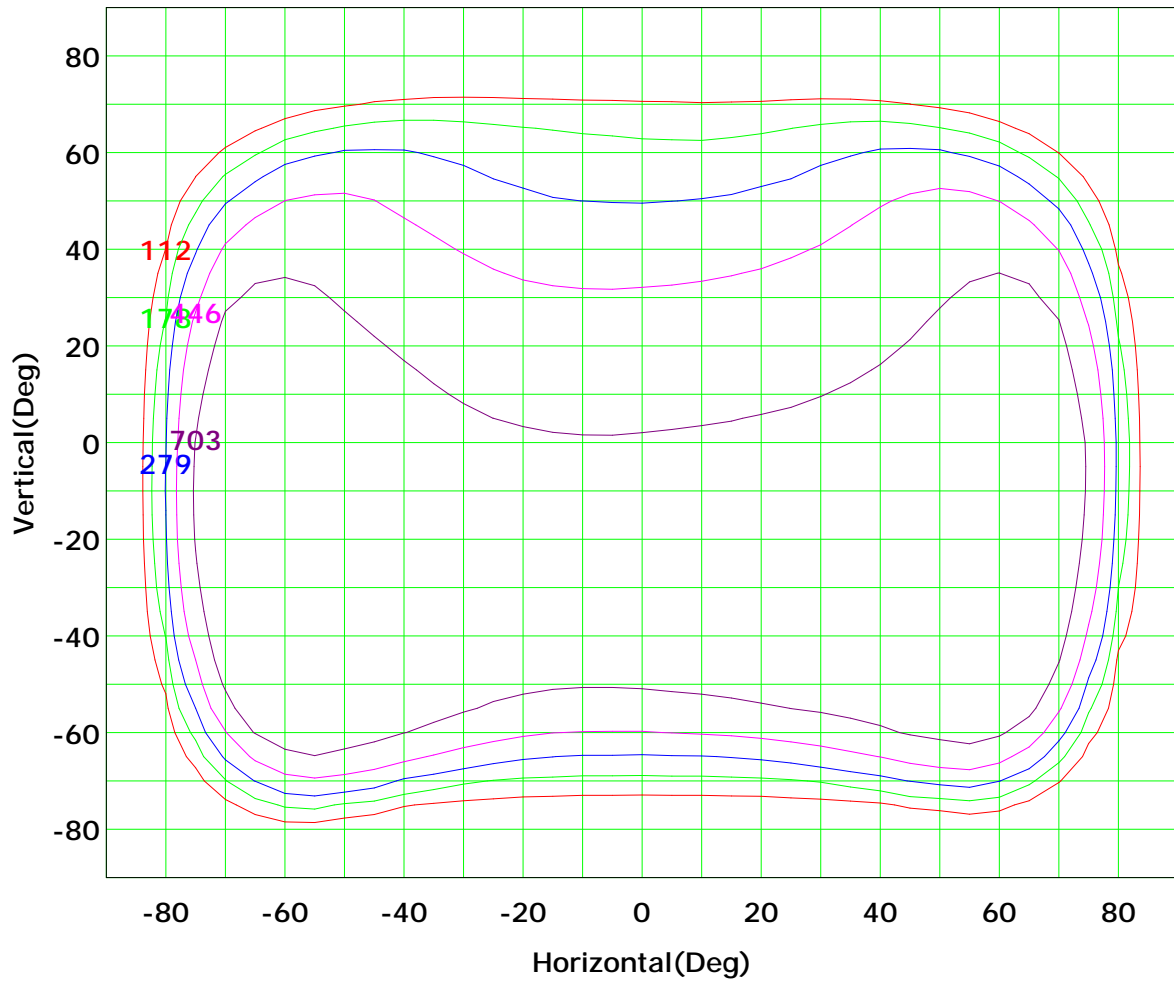
Spacing Criteria (0-180): 1.70  
 Spacing Criteria (90-270): 1.35  
 Spacing Criteria (Diagonal): 1.69



C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:

## Isocandela (rectangle)



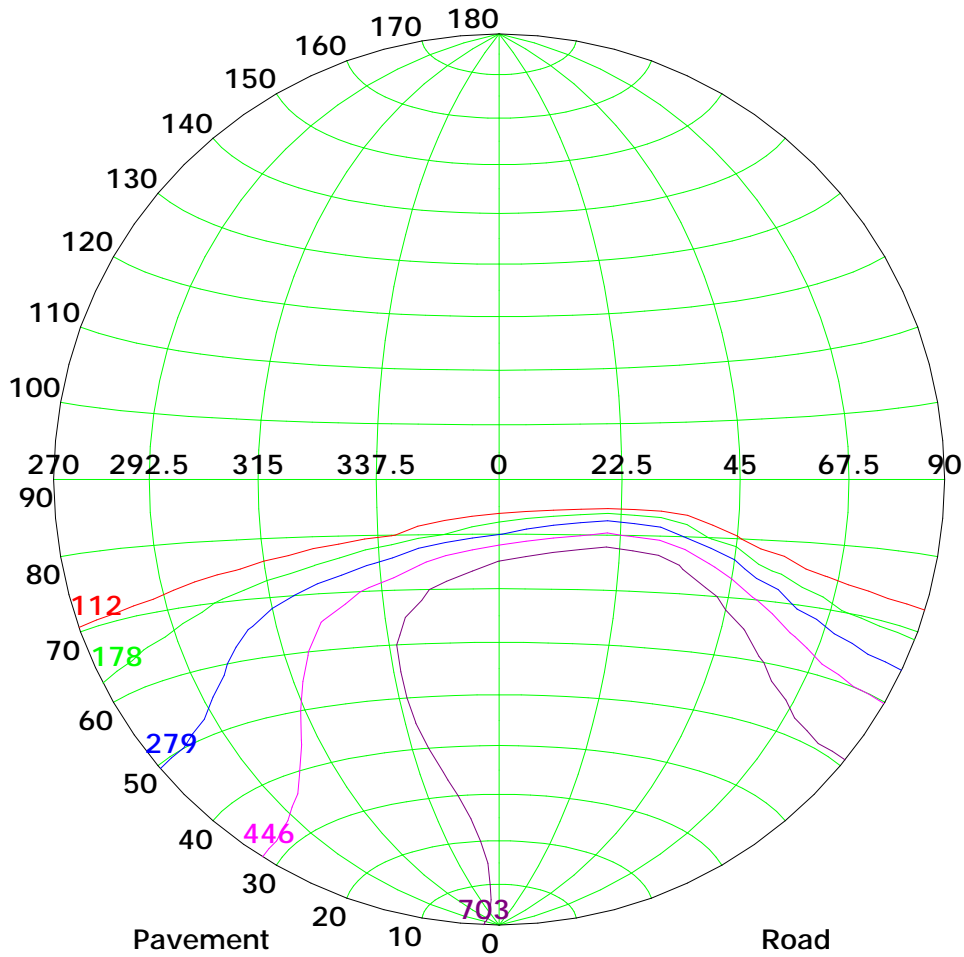
Imax (100%): 1115 cd

— ( 10%): 112 cd	— ( 16%): 178 cd
— ( 25%): 279 cd	— ( 40%): 446 cd
— ( 63%): 703 cd	— (100%): 1115 cd

C Plane (°):0.0-360.0: 10.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600L  
Distance: 7.000 m  
Humidity:  
Inspector:

## Isocandela (sphere)



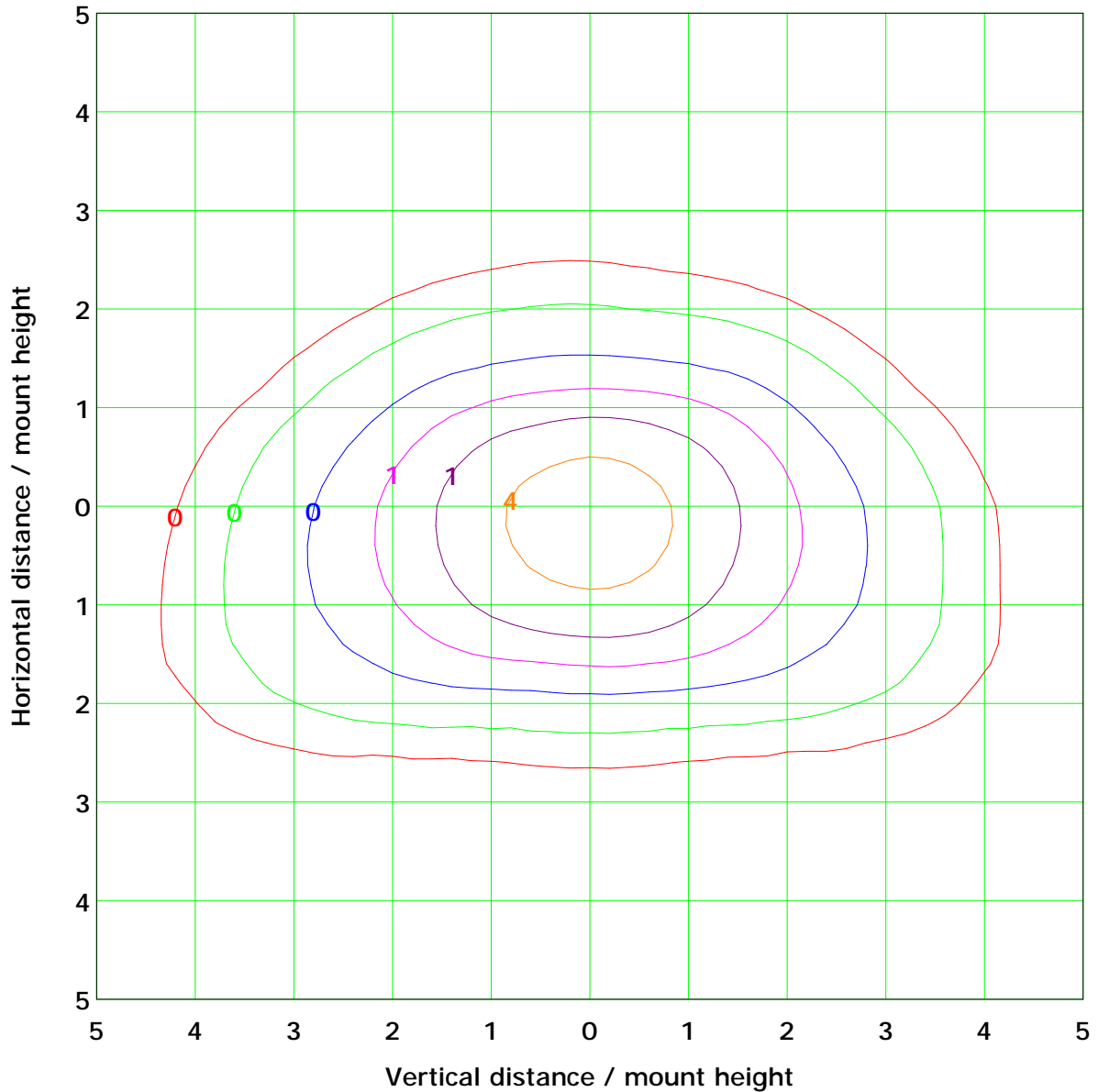
Imax (100%): 1115 cd

— ( 10%): 112 cd	— ( 16%): 178 cd
— ( 25%): 279 cd	— ( 40%): 446 cd
— ( 63%): 703 cd	— (100%): 1115 cd

C Plane (°):0.0-360.0: 10.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600L  
Distance: 7.000 m  
Humidity:  
Inspector:

## IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 7.3 lx

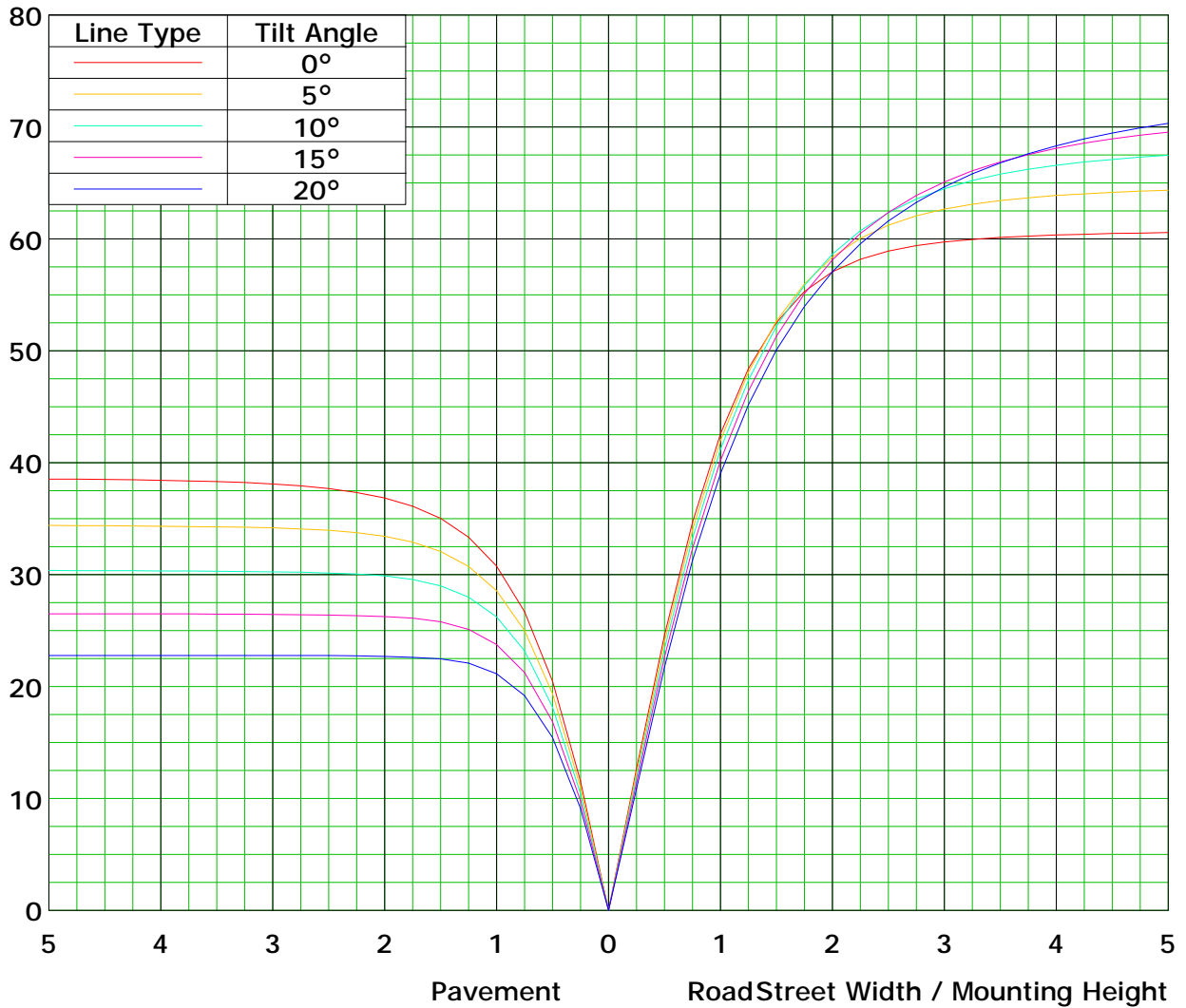
( 1%): 0.1 lx	( 2%): 0.1 lx
( 5%): 0.4 lx	( 10%): 0.7 lx
( 20%): 1.5 lx	( 50%): 3.7 lx
(100%): 7.3 lx	

C Plane (°):0.0-360.0: 10.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600L  
Distance: 7.000 m  
Humidity:  
Inspector:

## Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

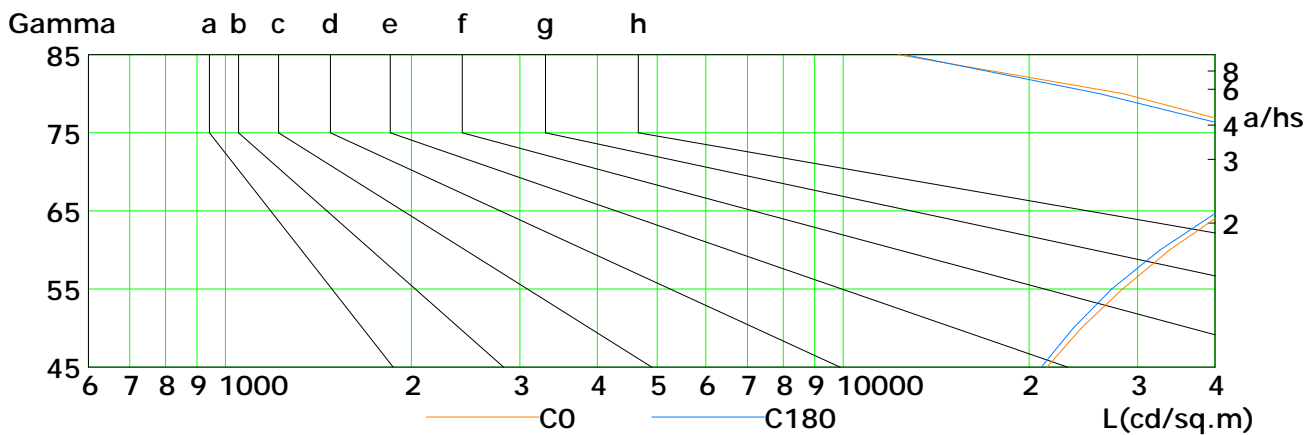
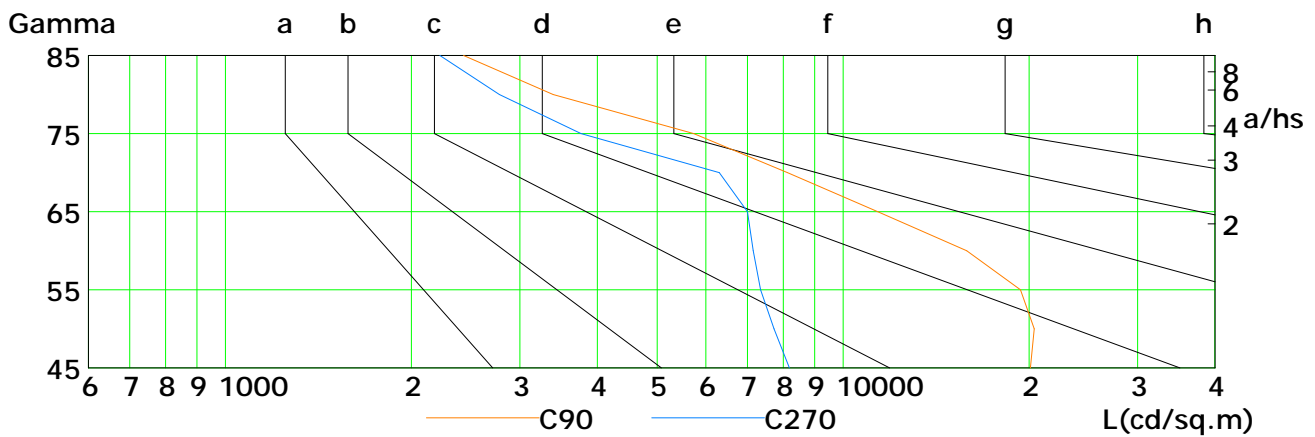
Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:



### 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

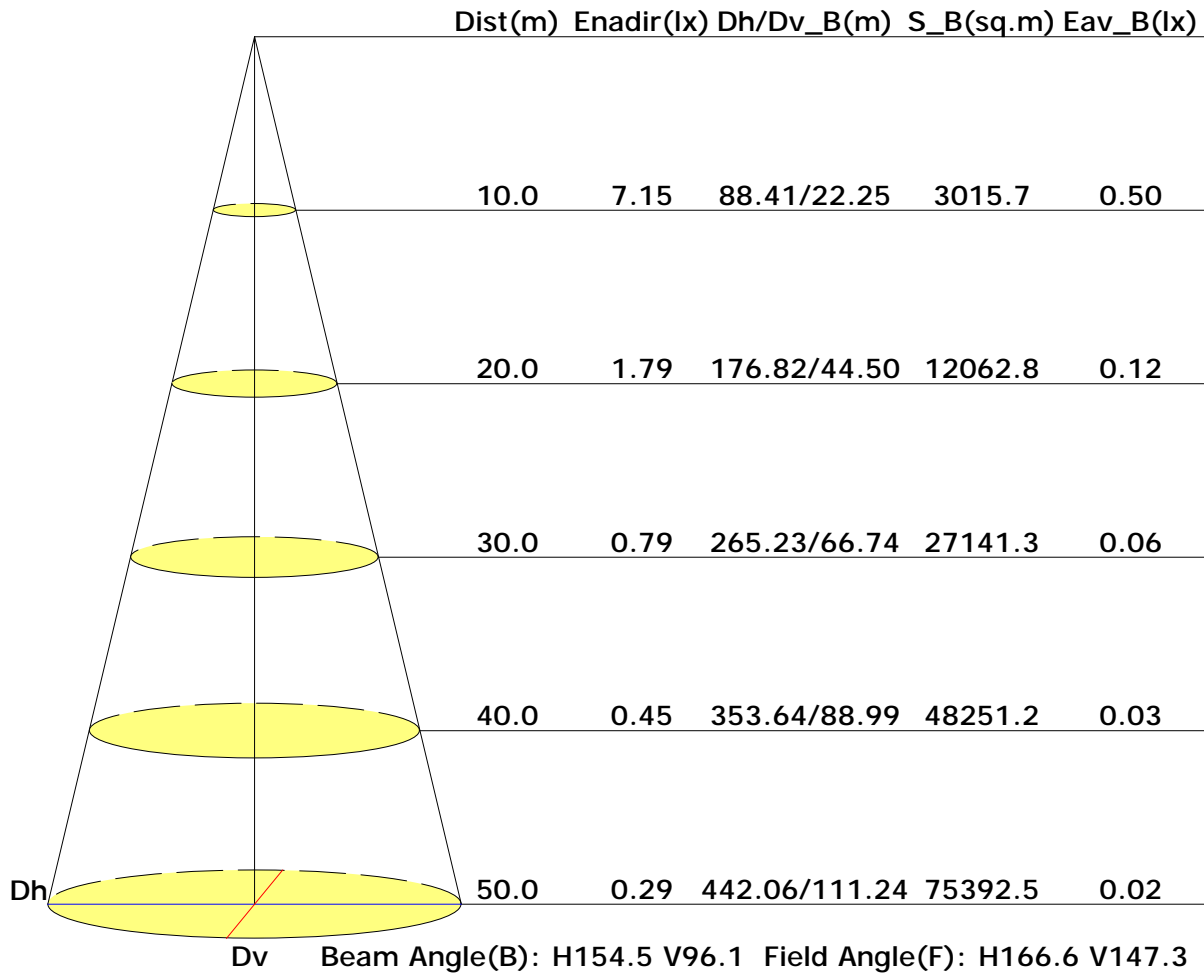


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	21384	24307	28337	33782	41643	50895	49514	28451	12289
C90	20118	20395	19373	15859	11381	8132	5729	3396	2431
C180	20949	23588	27225	32585	40622	50152	46968	26051	12601
C270	8185	7733	7359	7157	7006	6306	3768	2778	2225

C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:

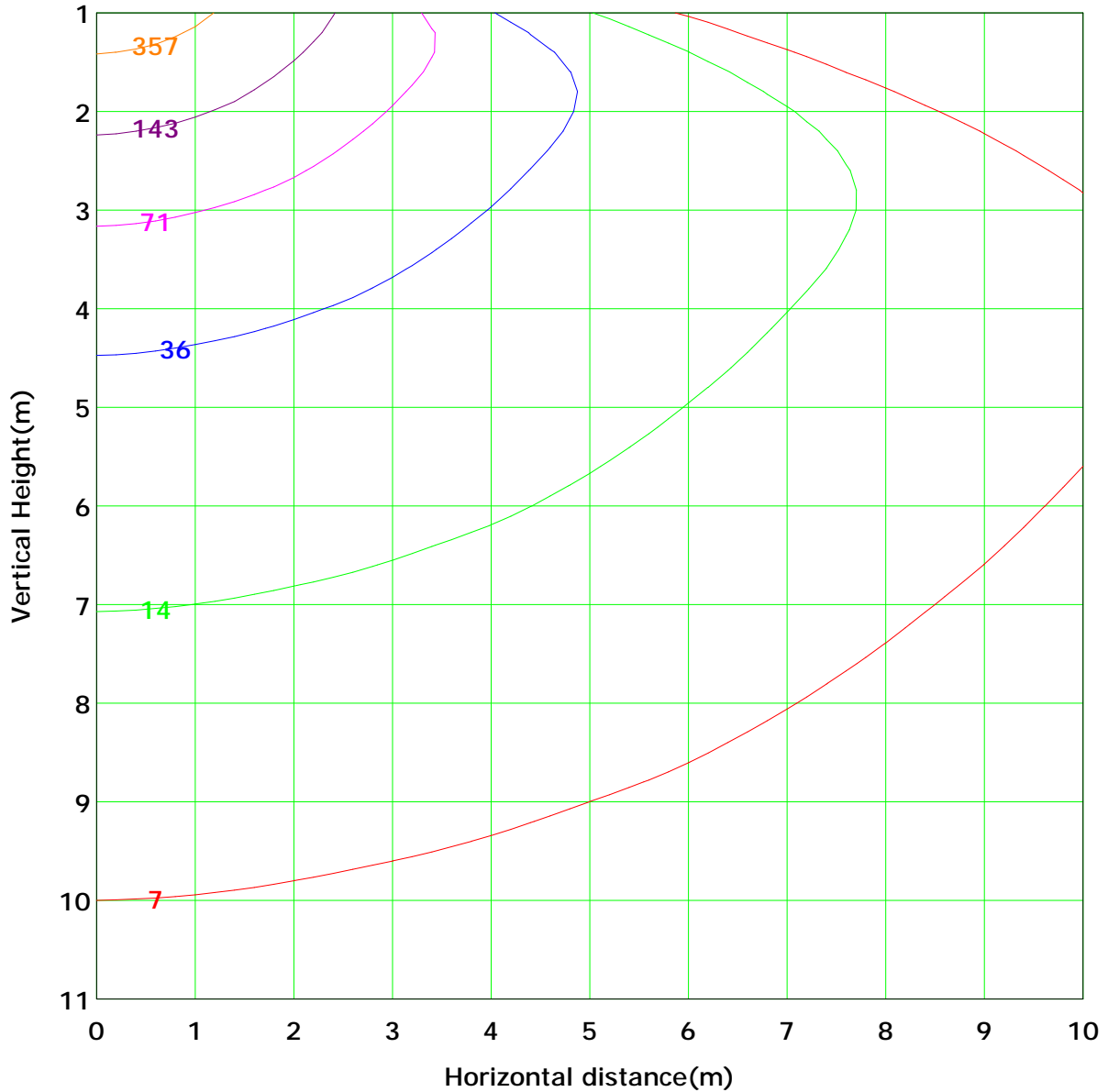
## Illuminance at a Distance



C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:

## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 714.6 lx

— ( 1%): 7.1 lx	— ( 2%): 14.3 lx
— ( 5%): 35.7 lx	— (10%): 71.5 lx
— (20%): 142.9 lx	— (50%): 357.3 lx
— (100%): 714.6 lx	

C Plane (°):0.0-360.0: 10.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600L  
Distance: 7.000 m  
Humidity:  
Inspector:

### Area Flux Table

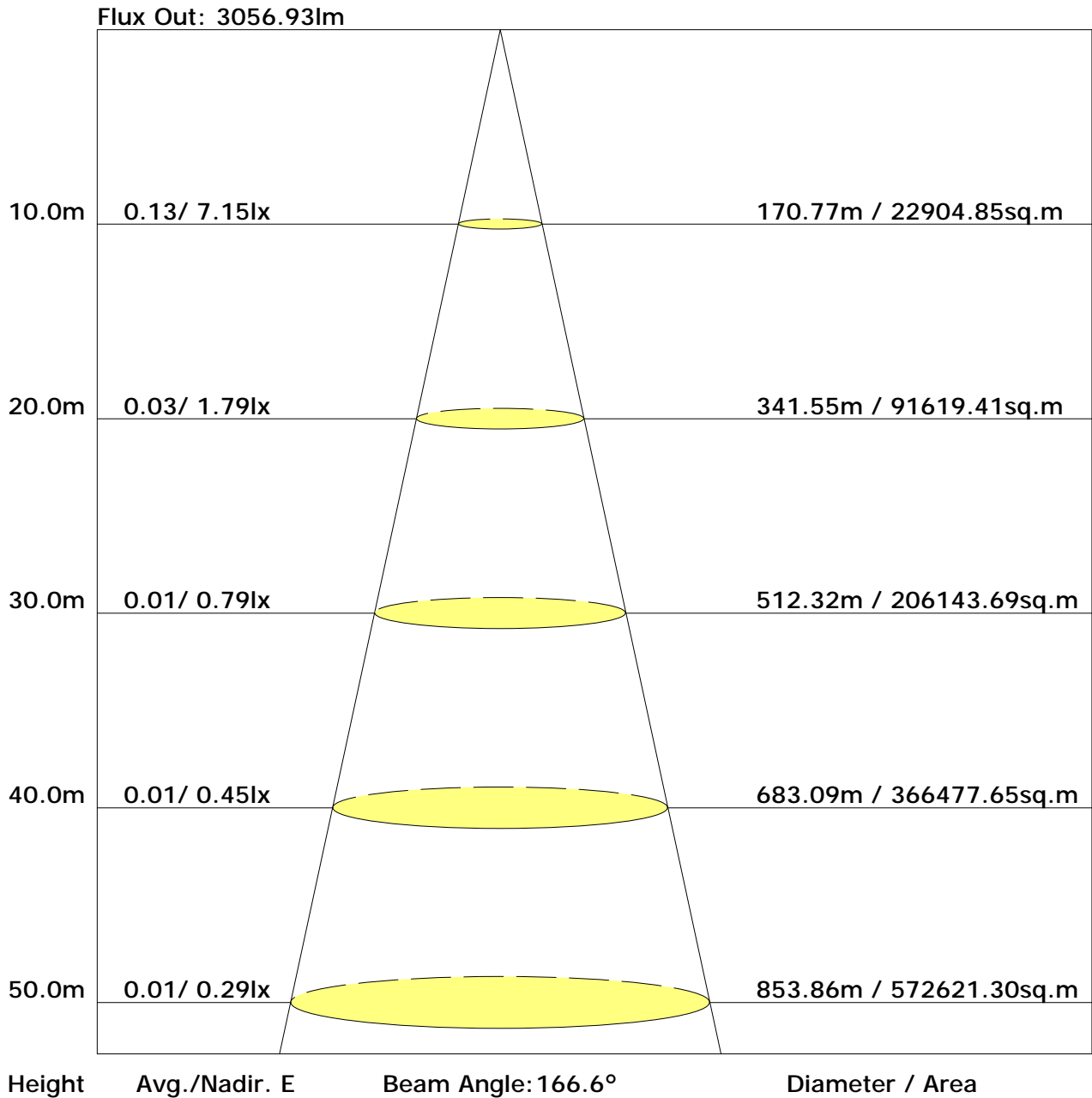
Unit: lm

		Vertical plane																					
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90			
Flux(E)	Flux(T)	1.2	3.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.7	Flux(T)Flux(E)	Flux(E)
-90	-90	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
-80	-80	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
-70	-70	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
-60	-60	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
-50	-50	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
-40	-40	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
-30	-30	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
-20	-20	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
-10	-10	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
0	0	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
10	10	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
20	20	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
30	30	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
40	40	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
50	50	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
60	60	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
70	70	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
80	80	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		
90	90	43.4	133.1	130.0	182.8	211.2	2226.7	234.2	237.4	238.2	235.7	231.5	229.0	226.2	215.8	190.0	137.6	49.3	1.6		3022		

C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:

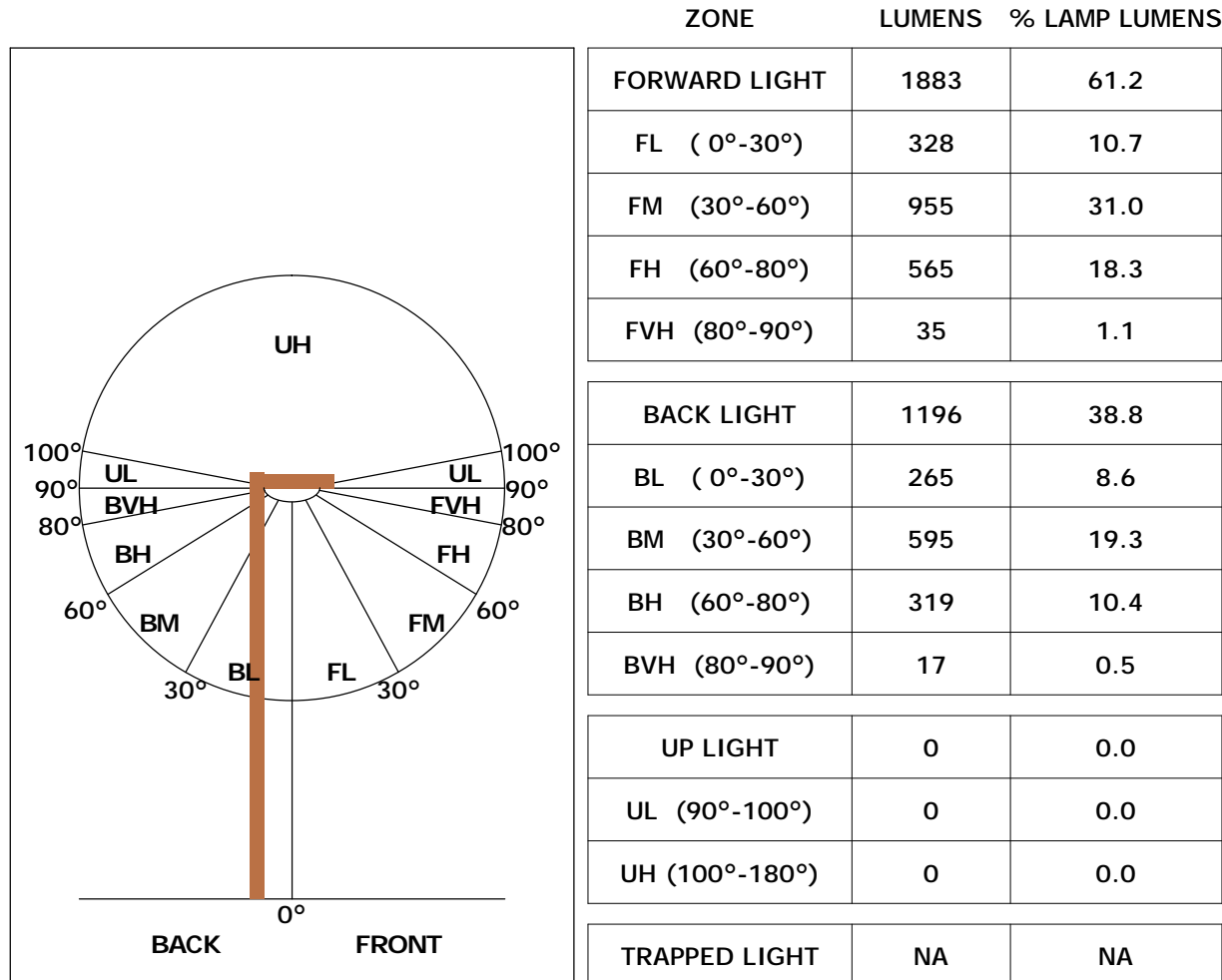
## The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 10.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600L  
Distance: 7.000 m  
Humidity:  
Inspector:

**FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM**



BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U1 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U1 G1

C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:



## Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	NA	0.62	0.70	0.76	0.84	0.90	0.93	0.99	1.02	
	0.30		NA	0.54	0.62	0.68	0.77	0.83	0.88	0.94	0.98	
	0.20		NA	0.47	0.56	0.62	0.72	0.78	0.83	0.90	0.95	
0.50	0.50	0.20	NA	0.60	0.67	0.73	0.81	0.86	0.90	0.95	0.98	
	0.30		NA	0.53	0.60	0.66	0.75	0.81	0.85	0.91	0.94	
	0.20		NA	0.47	0.55	0.61	0.70	0.76	0.81	0.88	0.92	
0.30	0.50	0.20	NA	0.58	0.65	0.70	0.78	0.83	0.86	0.91	0.94	
	0.30		NA	0.51	0.59	0.65	0.73	0.78	0.82	0.88	0.91	
	0.20		NA	0.46	0.54	0.60	0.69	0.75	0.79	0.85	0.89	
0.00	0.00	0.00	NA	0.44	0.51	0.57	0.65	0.71	0.75	0.81	0.84	
<p>Rating: 21W 2.80m Mounted: On Ceiling                      Multiply UF values by service correction factors                      Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												



## Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	NA	0.90	0.77	0.67	0.53	0.44	0.38	0.29	0.24	
	0.30		NA	0.77	0.67	0.59	0.48	0.41	0.35	0.27	0.23	
	0.20		NA	0.67	0.59	0.53	0.44	0.37	0.33	0.26	0.22	
0.50	0.50	0.20	NA	0.86	0.74	0.64	0.51	0.46	0.36	0.28	0.23	
	0.30		NA	0.75	0.65	0.58	0.47	0.39	0.34	0.26	0.22	
	0.20		NA	0.66	0.58	0.52	0.43	0.36	0.32	0.25	0.21	
0.30	0.50	0.20	NA	0.83	0.71	0.62	0.49	0.41	0.35	0.27	0.22	
	0.30		NA	0.73	0.64	0.56	0.45	0.38	0.33	0.25	0.21	
	0.20		NA	0.65	0.58	0.51	0.42	0.36	0.31	0.24	0.20	
0.00	0.00	0.00	1.00	0.56	0.49	0.43	0.35	0.29	0.25	0.19	0.16	
<p>Rating: 21W 2.80m Mounted: On Ceiling                      Multiply UF values by service correction factors                      Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

## Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	NA	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.22	
	0.30		NA	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	
	0.20		NA	0.06	0.07	0.09	0.11	0.12	0.13	0.15	0.17	
0.50	0.50	0.20	NA	0.18	0.18	0.19	0.20	0.20	0.20	0.21	0.21	
	0.30		NA	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.18	
	0.20		NA	0.06	0.07	0.08	0.10	0.12	0.13	0.15	0.16	
0.30	0.50	0.20	NA	0.17	0.18	0.18	0.19	0.19	0.20	0.20	0.20	
	0.30		NA	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	
	0.20		NA	0.06	0.07	0.08	0.10	0.12	0.13	0.14	0.16	
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	
<p>Rating:21W 2.80m Mounted:On Ceiling            Multiply UF values by service correction factors            Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

## Zonal Lumen

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	713.9	0.7	0.7	0.02	0.02
1.0-2.0	713.8	2.0	2.7	0.07	0.09
2.0-3.0	713.8	3.4	6.1	0.11	0.20
3.0-4.0	713.6	4.8	10.9	0.16	0.35
4.0-5.0	713.4	6.1	17.1	0.20	0.55
5.0-6.0	713.0	7.5	24.6	0.24	0.80
6.0-7.0	712.6	8.8	33.4	0.29	1.08
7.0-8.0	712.2	10.2	43.6	0.33	1.42
8.0-9.0	711.7	11.5	55.1	0.37	1.79
9.0-10.0	711.2	12.9	68.0	0.42	2.21
10.0-11.0	710.5	14.2	82.2	0.46	2.67
11.0-12.0	709.9	15.5	97.7	0.50	3.17
12.0-13.0	709.3	16.8	114.6	0.55	3.72
13.0-14.0	708.6	18.1	132.7	0.59	4.31
14.0-15.0	708.0	19.4	152.1	0.63	4.94
15.0-16.0	707.4	20.7	172.9	0.67	5.61
16.0-17.0	706.8	22.0	194.9	0.71	6.33
17.0-18.0	706.2	23.3	218.2	0.76	7.09
18.0-19.0	705.6	24.6	242.7	0.80	7.88
19.0-20.0	705.0	25.8	268.5	0.84	8.72
20.0-21.0	704.3	27.0	295.6	0.88	9.60
21.0-22.0	703.6	28.3	323.9	0.92	10.52
22.0-23.0	702.9	29.5	353.3	0.96	11.48
23.0-24.0	702.0	30.7	384.0	1.00	12.47
24.0-25.0	701.2	31.9	415.9	1.04	13.51
25.0-26.0	700.5	33.1	449.0	1.07	14.58
26.0-27.0	699.7	34.2	483.2	1.11	15.70
27.0-28.0	699.1	35.4	518.6	1.15	16.84
28.0-29.0	698.5	36.5	555.2	1.19	18.03
29.0-30.0	698.0	37.7	592.9	1.22	19.26
30.0-31.0	697.6	38.8	631.7	1.26	20.52
31.0-32.0	697.2	39.9	671.6	1.30	21.81
32.0-33.0	696.8	41.1	712.7	1.33	23.15
33.0-34.0	696.5	42.2	754.9	1.37	24.52
34.0-35.0	696.1	43.2	798.1	1.40	25.92
35.0-36.0	695.6	44.3	842.4	1.44	27.36

C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:

## Zonal Lumen (Continue 1)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	695.0	45.3	887.7	1.47	28.83
37.0-38.0	694.4	46.4	934.1	1.51	30.34
38.0-39.0	693.7	47.4	981.4	1.54	31.88
39.0-40.0	692.8	48.3	1029.8	1.57	33.45
40.0-41.0	691.9	49.3	1079.0	1.60	35.05
41.0-42.0	690.8	50.2	1129.2	1.63	36.68
42.0-43.0	689.6	51.1	1180.3	1.66	38.34
43.0-44.0	688.2	51.9	1232.3	1.69	40.02
44.0-45.0	686.7	52.8	1285.1	1.71	41.74
45.0-46.0	685.0	53.6	1338.6	1.74	43.48
46.0-47.0	683.1	54.3	1393.0	1.76	45.24
47.0-48.0	680.7	55.0	1448.0	1.79	47.03
48.0-49.0	678.0	55.7	1503.7	1.81	48.84
49.0-50.0	675.2	56.3	1560.0	1.83	50.67
50.0-51.0	671.9	56.9	1616.9	1.85	52.51
51.0-52.0	668.4	57.4	1674.2	1.86	54.38
52.0-53.0	664.4	57.8	1732.0	1.88	56.25
53.0-54.0	660.1	58.2	1790.2	1.89	58.14
54.0-55.0	655.5	58.5	1848.7	1.90	60.04
55.0-56.0	650.2	58.8	1907.5	1.91	61.95
56.0-57.0	644.3	58.9	1966.4	1.91	63.87
57.0-58.0	637.9	59.0	2025.4	1.92	65.78
58.0-59.0	630.4	58.9	2084.3	1.91	67.70
59.0-60.0	622.4	58.8	2143.1	1.91	69.61
60.0-61.0	613.6	58.6	2201.7	1.90	71.51
61.0-62.0	604.0	58.2	2259.9	1.89	73.40
62.0-63.0	594.1	57.8	2317.7	1.88	75.28
63.0-64.0	583.1	57.2	2374.9	1.86	77.14
64.0-65.0	571.1	56.5	2431.5	1.84	78.97
65.0-66.0	558.5	55.7	2487.2	1.81	80.78
66.0-67.0	544.2	54.7	2541.9	1.78	82.56
67.0-68.0	528.6	53.5	2595.5	1.74	84.30
68.0-69.0	511.2	52.2	2647.6	1.69	85.99
69.0-70.0	491.2	50.5	2698.1	1.64	87.63
70.0-71.0	468.5	48.4	2746.5	1.57	89.20
71.0-72.0	440.9	45.9	2792.4	1.49	90.69

C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:



## Candlepower Table

Unit: cd

G\C	C0.0	C10.0	C20.0	C30.0	C40.0	C50.0	C60.0	C70.0	C80.0	C90.0
G0.0	714.6	714.7	714.7	714.9	714.4	715.2	714.3	715.0	714.6	714.9
G1.0	714.2	715.4	716.3	717.1	717.7	718.9	718.8	719.5	719.9	720.0
G2.0	714.0	716.0	717.8	719.5	720.8	722.7	723.2	724.5	724.8	725.4
G3.0	713.8	716.8	719.6	722.0	724.1	726.5	727.6	729.5	730.1	730.7
G4.0	713.7	717.6	721.1	724.3	727.3	730.0	731.8	733.7	734.8	735.4
G5.0	713.5	718.3	722.8	726.9	730.5	733.4	735.8	738.0	739.3	740.2
G6.0	713.6	719.5	724.9	729.7	733.7	737.5	740.1	742.6	743.9	744.8
G7.0	713.7	720.6	726.8	732.4	736.8	740.8	743.9	746.6	748.2	749.2
G8.0	713.8	721.7	728.7	735.0	739.8	744.5	747.8	750.8	752.1	753.4
G9.0	714.1	723.1	730.9	737.7	743.0	748.2	751.7	754.5	756.2	757.2
G10.0	714.4	724.4	733.0	740.3	746.0	751.6	755.1	758.1	759.8	760.7
G11.0	715.0	725.9	735.6	743.2	749.5	755.2	758.8	761.8	763.5	764.8
G12.0	715.5	727.8	737.8	746.1	752.8	758.5	762.1	765.0	767.0	768.2
G13.0	716.2	729.3	740.2	749.1	756.1	761.8	765.3	768.3	770.2	771.3
G14.0	717.4	731.5	742.9	752.5	759.9	765.3	768.9	771.9	773.7	774.9
G15.0	718.6	733.6	745.9	755.7	763.1	768.3	771.9	774.9	776.8	778.0
G16.0	720.2	736.4	748.9	759.4	766.4	771.8	775.0	778.1	779.8	781.3
G17.0	722.4	739.2	752.4	762.9	769.8	775.2	778.2	781.1	783.0	784.3
G18.0	724.5	742.2	755.8	766.6	773.1	778.1	781.2	783.9	785.7	787.0
G19.0	727.0	745.8	760.0	770.4	776.9	781.4	784.5	787.0	788.7	790.2
G20.0	729.4	749.3	763.6	774.0	780.0	784.4	787.0	789.6	791.3	792.8
G21.0	732.0	752.7	767.7	777.7	783.2	787.4	789.6	792.1	793.7	795.5
G22.0	734.9	756.8	771.8	781.6	786.5	790.4	792.3	794.7	796.5	798.3
G23.0	737.6	760.3	775.8	785.0	789.3	793.0	794.5	797.0	798.8	800.7
G24.0	740.2	764.1	779.4	788.7	792.3	795.7	796.9	799.5	801.2	803.7
G25.0	743.4	767.5	783.3	792.0	795.3	798.2	799.3	801.6	803.6	806.2
G26.0	746.1	771.0	787.0	795.3	798.1	800.8	801.3	803.7	805.9	808.6
G27.0	749.4	774.8	790.9	799.0	801.6	803.5	803.4	806.0	808.2	811.3
G28.0	753.0	778.5	794.4	802.4	805.2	806.2	805.8	808.0	810.3	813.6
G29.0	757.2	782.8	798.2	806.3	809.1	809.6	808.2	809.8	812.2	815.8
G30.0	762.0	788.2	803.0	810.9	813.4	813.1	811.0	811.6	814.3	817.9
G31.0	766.9	793.3	808.0	815.5	817.6	816.6	813.6	813.3	816.0	819.9
G32.0	772.0	799.2	813.0	821.0	822.1	820.3	816.3	815.0	817.4	821.7
G33.0	777.7	805.0	818.9	825.9	827.0	824.0	819.0	816.4	818.7	823.1
G34.0	782.2	810.7	824.9	831.1	831.4	828.0	821.8	817.7	819.3	823.9
G35.0	787.1	816.5	830.9	836.8	836.4	832.2	824.7	818.7	819.6	824.3
G36.0	791.6	821.6	836.2	841.6	840.7	835.9	827.4	819.4	819.3	824.0

C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C10.0	C20.0	C30.0	C40.0	C50.0	C60.0	C70.0	C80.0	C90.0
G37.0	795.7	826.4	841.6	846.5	844.9	839.7	829.5	819.7	818.3	823.3
G38.0	800.2	831.6	847.1	851.4	849.5	843.5	831.9	819.6	816.6	821.7
G39.0	804.9	836.5	852.3	856.2	853.2	846.8	833.5	818.7	814.2	819.4
G40.0	809.9	841.9	857.2	860.8	857.3	850.5	834.9	817.3	810.8	815.8
G41.0	814.5	846.8	861.9	865.4	861.1	853.3	835.5	815.0	806.9	812.0
G42.0	819.5	851.5	866.5	869.7	864.8	855.8	835.7	812.2	802.0	807.5
G43.0	824.8	857.4	872.1	874.8	868.6	858.1	835.2	808.5	795.8	801.2
G44.0	829.8	862.7	877.6	879.5	872.6	859.9	833.9	804.2	789.1	794.3
G45.0	835.0	868.8	883.3	884.9	876.5	861.2	831.9	798.6	781.2	785.6
G46.0	841.0	874.8	889.5	890.0	881.2	861.8	828.5	792.4	771.4	776.8
G47.0	846.3	880.7	895.5	895.9	885.3	862.4	824.6	785.1	761.2	765.9
G48.0	851.7	887.2	901.5	902.3	890.0	862.6	819.3	775.6	748.2	753.0
G49.0	857.0	892.7	906.8	908.5	894.5	862.4	813.5	765.1	735.2	739.0
G50.0	862.8	898.7	912.4	914.2	898.5	862.2	806.8	753.7	720.0	724.0
G51.0	869.7	905.1	918.6	920.5	902.9	861.1	798.1	739.3	702.5	705.7
G52.0	876.6	911.6	925.0	926.5	906.9	859.6	788.6	723.5	683.8	686.4
G53.0	883.7	919.6	931.4	933.5	910.9	857.3	777.8	704.1	664.2	663.0
G54.0	891.2	927.2	939.3	940.2	915.0	854.3	765.0	685.4	640.9	640.1
G55.0	897.6	934.6	946.9	947.2	918.8	850.1	751.1	663.4	616.2	613.7
G56.0	904.6	942.3	955.2	954.7	923.1	844.4	734.3	637.9	587.2	582.8
G57.0	910.8	949.8	963.2	962.0	926.3	837.9	717.0	610.8	556.3	550.8
G58.0	917.9	958.1	970.7	968.5	928.8	830.4	696.4	582.1	523.9	514.7
G59.0	925.6	967.5	979.1	975.6	930.3	819.7	672.5	546.2	484.1	475.5
G60.0	932.8	977.7	987.4	981.4	930.3	808.5	646.9	511.6	448.6	437.9
G61.0	940.8	989.2	997.8	988.0	929.0	792.6	619.7	469.7	412.3	397.6
G62.0	949.6	1000.1	1009.8	993.9	925.5	774.9	584.9	432.4	375.2	363.3
G63.0	958.1	1012.7	1021.3	1000.5	920.6	754.4	551.0	396.1	341.4	328.6
G64.0	966.5	1026.9	1035.9	1007.8	912.8	727.8	507.7	357.0	307.4	294.3
G65.0	971.9	1039.7	1050.9	1014.8	903.4	697.7	465.9	322.8	278.1	265.6
G66.0	975.8	1049.6	1066.1	1021.2	890.5	665.0	421.7	291.9	249.6	238.1
G67.0	978.5	1060.8	1081.8	1027.9	872.2	621.6	369.7	258.8	221.6	211.7
G68.0	978.5	1070.4	1094.6	1031.1	852.2	576.6	329.1	231.1	198.8	190.4
G69.0	974.5	1077.7	1105.2	1030.3	824.6	524.3	290.2	204.9	179.3	170.5
G70.0	961.3	1078.3	1113.7	1024.1	786.2	469.0	251.2	182.5	159.2	153.6
G71.0	938.8	1068.9	1115.4	1013.3	740.5	409.0	220.4	163.0	143.1	138.9
G72.0	902.2	1042.4	1107.6	992.4	684.7	344.4	190.8	143.1	127.2	122.5
G73.0	852.7	1001.1	1087.7	963.1	624.0	290.9	165.9	127.2	112.0	108.1

C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:





### Candlepower Table (Continue 3)

Unit: cd

G\C	C100.0	C110.0	C120.0	C130.0	C140.0	C150.0	C160.0	C170.0	C180.0	C190.0
G0.0	713.9	714.4	713.5	713.6	712.7	712.6	711.5	710.6	714.6	714.7
G1.0	719.9	719.6	718.8	717.9	716.8	715.9	714.0	712.3	715.3	714.5
G2.0	724.9	724.6	723.7	722.3	720.8	719.0	716.3	713.9	716.1	714.2
G3.0	730.3	730.2	728.8	727.1	724.8	722.3	718.8	715.9	716.9	713.9
G4.0	735.2	734.7	733.2	731.3	728.5	725.6	721.2	717.8	717.7	713.7
G5.0	739.9	739.4	737.7	735.3	732.3	728.4	723.5	719.7	718.6	713.6
G6.0	744.7	744.1	742.1	739.5	736.0	731.7	726.5	721.7	719.4	713.5
G7.0	748.9	748.1	746.1	743.2	739.5	734.9	729.2	723.7	720.4	713.4
G8.0	753.1	752.6	749.9	747.5	743.0	738.4	732.2	725.7	721.5	713.3
G9.0	757.2	756.3	754.1	751.2	746.9	741.8	735.5	727.6	722.7	713.4
G10.0	760.9	760.0	757.7	755.0	750.5	745.3	738.4	729.8	723.7	713.0
G11.0	764.6	763.8	761.8	758.9	754.6	749.0	741.8	732.2	724.7	713.0
G12.0	768.1	767.5	765.5	762.6	758.1	752.5	744.8	734.6	725.9	712.9
G13.0	771.5	771.0	769.0	766.2	762.0	756.6	748.0	737.1	727.2	712.9
G14.0	775.1	774.4	772.9	770.5	766.1	760.7	751.5	740.0	728.5	713.1
G15.0	778.3	777.7	776.5	774.2	770.3	764.5	754.9	742.8	730.1	713.5
G16.0	781.2	781.3	779.9	778.5	774.1	768.7	758.2	746.3	732.0	714.2
G17.0	784.5	784.5	783.8	782.3	778.9	772.6	761.8	749.6	733.8	714.8
G18.0	787.5	787.8	787.5	786.0	782.9	776.8	765.4	752.9	735.8	715.5
G19.0	790.8	791.4	791.5	790.4	787.3	780.7	769.6	756.5	738.0	716.3
G20.0	793.7	794.5	795.0	794.4	791.4	784.6	773.4	759.6	740.0	716.9
G21.0	796.5	797.9	798.6	798.5	795.4	788.5	777.4	763.0	742.2	717.6
G22.0	799.6	801.5	802.5	802.9	799.8	792.9	781.8	766.8	744.3	718.3
G23.0	802.5	804.7	806.4	806.7	803.7	796.9	785.9	770.2	746.3	718.7
G24.0	805.2	808.1	809.9	811.1	807.8	801.3	790.0	774.3	748.2	719.5
G25.0	808.4	811.3	813.9	815.0	812.2	805.5	794.5	777.6	750.6	720.1
G26.0	811.1	814.6	817.4	818.8	816.2	809.7	798.4	781.1	753.0	721.2
G27.0	814.2	818.0	821.6	822.9	820.7	814.3	803.2	784.8	755.8	722.6
G28.0	816.9	821.3	825.0	826.9	824.5	818.5	807.3	788.2	758.5	724.0
G29.0	819.3	824.1	828.6	830.8	828.3	822.6	811.2	792.0	761.7	725.7
G30.0	821.8	827.1	832.1	834.8	832.7	827.2	815.7	795.8	765.0	727.9
G31.0	823.9	829.9	835.3	838.2	836.6	831.4	819.8	799.3	768.3	729.8
G32.0	826.0	832.9	838.4	842.2	840.2	836.4	823.8	803.2	771.8	731.9
G33.0	827.8	835.3	841.7	845.7	844.5	840.6	828.3	806.7	775.3	734.1
G34.0	829.2	837.7	844.6	848.8	848.4	845.0	832.4	810.1	778.6	736.1
G35.0	830.3	840.0	847.8	852.3	853.0	849.8	836.8	813.7	782.2	738.1
G36.0	830.9	841.5	850.2	855.6	857.1	854.0	840.8	817.2	785.3	740.2

C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:

### Candlepower Table (Continue 4)

Unit: cd

G\C	C100.0	C110.0	C120.0	C130.0	C140.0	C150.0	C160.0	C170.0	C180.0	C190.0
G37.0	830.7	843.0	852.9	858.8	861.2	858.2	844.8	820.5	788.9	742.3
G38.0	830.2	843.5	855.3	862.6	866.0	863.1	849.1	824.0	792.3	744.9
G39.0	828.9	843.9	857.4	866.5	870.2	867.3	852.6	827.3	795.8	747.2
G40.0	826.7	843.1	858.9	870.4	874.9	871.7	856.3	830.9	799.7	750.3
G41.0	824.0	842.0	860.1	874.2	879.4	875.6	860.1	834.4	802.9	752.6
G42.0	820.6	840.2	861.1	877.8	883.6	879.3	863.2	838.1	806.3	755.2
G43.0	816.0	837.5	861.5	881.3	888.2	883.1	866.9	842.1	810.2	758.1
G44.0	810.2	834.0	861.4	884.4	892.5	886.7	870.4	846.5	814.0	760.8
G45.0	803.9	829.6	860.8	886.9	896.4	890.2	873.8	850.8	818.1	763.8
G46.0	795.2	824.6	859.8	888.8	900.3	893.5	877.5	855.0	821.4	766.9
G47.0	786.1	818.1	857.7	890.0	903.3	896.6	881.1	859.0	825.4	769.8
G48.0	774.3	809.7	854.7	890.7	906.0	899.7	885.4	863.4	829.5	773.1
G49.0	762.2	800.8	850.5	890.9	907.8	902.7	889.0	867.3	833.5	776.2
G50.0	747.8	789.9	845.1	890.2	909.7	905.8	892.8	871.6	837.3	779.6
G51.0	730.7	776.7	837.5	888.3	911.1	909.7	897.3	876.1	841.9	783.5
G52.0	713.2	761.9	828.2	885.7	912.4	913.6	901.5	881.0	846.4	787.5
G53.0	693.1	744.2	817.6	881.3	913.5	918.6	906.4	886.7	851.2	792.3
G54.0	669.6	725.0	803.2	875.8	914.2	923.2	912.2	892.9	856.6	796.8
G55.0	644.7	704.7	788.7	868.5	914.7	927.9	918.2	900.0	862.4	801.6
G56.0	614.9	678.1	770.2	859.0	915.0	932.9	925.1	908.0	869.2	806.4
G57.0	584.5	652.2	750.0	848.5	914.6	937.8	932.6	916.0	876.0	811.4
G58.0	548.6	620.8	727.9	835.5	913.2	943.0	941.3	925.2	883.6	816.4
G59.0	507.5	584.0	698.4	819.2	910.8	949.3	951.6	935.6	891.5	822.0
G60.0	466.6	546.2	669.3	802.7	907.1	955.0	962.3	947.8	899.8	827.0
G61.0	428.5	498.1	634.9	781.8	902.3	961.5	973.1	961.5	909.8	831.5
G62.0	385.7	453.0	595.7	758.4	895.3	967.0	985.8	975.2	919.0	835.1
G63.0	350.3	412.1	554.0	732.8	886.8	972.1	997.7	988.0	928.7	838.2
G64.0	311.9	368.5	507.0	699.9	874.7	975.9	1011.3	1001.9	939.0	839.4
G65.0	280.8	332.3	458.9	665.9	861.2	978.7	1023.2	1014.8	948.1	838.6
G66.0	251.3	296.7	413.3	629.9	844.8	980.2	1034.6	1027.6	956.8	835.0
G67.0	222.5	261.2	364.2	584.1	820.7	980.0	1047.2	1039.9	963.1	826.2
G68.0	199.4	233.4	322.2	537.3	794.4	976.6	1056.1	1047.7	965.3	813.4
G69.0	179.7	205.0	285.2	483.5	762.0	968.5	1062.0	1048.7	961.1	792.6
G70.0	160.3	182.9	246.7	428.3	719.6	955.8	1061.7	1038.6	947.3	767.6
G71.0	143.7	162.1	214.7	374.2	670.6	937.8	1052.3	1011.6	920.0	731.9
G72.0	127.6	142.7	185.5	314.4	611.1	906.9	1026.2	965.9	876.4	681.8
G73.0	112.0	125.5	161.0	268.0	549.3	867.6	988.8	907.0	821.3	627.5

C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:



## Candlepower Table (Continue 6)

Unit: cd

G\C	C200.0	C210.0	C220.0	C230.0	C240.0	C250.0	C260.0	C270.0	C280.0	C290.0
G0.0	714.7	714.9	714.4	715.2	714.3	715.0	714.6	714.9	713.9	714.4
G1.0	713.3	712.6	711.4	711.1	710.0	709.5	709.2	709.1	708.5	708.6
G2.0	712.2	710.5	708.4	707.3	705.4	704.5	703.9	703.3	702.9	703.3
G3.0	710.9	708.1	704.9	703.2	700.5	698.9	697.9	697.2	696.8	696.9
G4.0	709.7	705.8	701.9	699.0	695.8	693.5	692.2	691.3	691.0	691.1
G5.0	708.7	703.8	698.9	695.0	690.9	688.2	686.3	685.3	684.7	685.3
G6.0	707.5	701.6	695.5	690.4	685.6	682.1	679.4	678.5	677.9	678.1
G7.0	706.4	699.2	692.3	686.3	680.5	676.4	673.3	671.8	671.4	671.8
G8.0	705.2	696.8	688.8	681.6	674.8	669.6	666.1	664.4	664.0	664.6
G9.0	704.0	694.5	685.5	677.0	669.3	663.4	659.8	657.8	656.7	657.4
G10.0	702.7	692.2	682.1	672.5	663.9	657.1	652.6	650.2	649.7	650.3
G11.0	701.4	689.8	678.2	667.3	657.5	650.2	645.0	642.5	641.4	642.1
G12.0	700.2	687.6	674.6	662.5	651.6	643.6	637.7	634.7	634.0	634.8
G13.0	698.9	685.2	670.2	657.6	645.0	636.4	629.9	627.1	625.2	627.3
G14.0	697.7	682.6	666.6	651.8	638.8	628.9	622.1	618.6	617.5	618.6
G15.0	696.5	680.0	662.4	646.6	632.2	621.6	614.5	610.3	609.2	611.0
G16.0	695.3	677.2	658.5	640.8	625.1	613.7	605.7	601.7	600.5	602.0
G17.0	694.5	674.5	654.3	635.7	618.4	606.0	598.0	593.3	591.8	594.3
G18.0	693.5	671.6	650.3	630.0	611.6	598.2	589.7	584.8	583.2	586.2
G19.0	692.7	668.6	645.8	624.0	604.5	589.9	580.5	575.2	573.8	577.0
G20.0	691.8	666.1	641.3	618.2	597.6	582.0	572.2	566.7	564.7	568.6
G21.0	691.0	663.5	636.6	612.2	590.2	574.4	562.4	557.5	555.0	560.4
G22.0	690.0	660.6	632.1	606.3	583.2	565.7	553.3	547.4	545.7	550.8
G23.0	689.1	658.0	627.6	600.4	575.9	557.5	544.7	538.3	536.2	542.0
G24.0	688.0	655.0	622.7	594.2	567.8	548.2	534.5	527.9	525.7	532.2
G25.0	687.0	652.0	618.1	588.4	560.2	539.5	524.9	518.1	516.0	523.8
G26.0	686.1	649.4	613.9	582.4	552.9	530.9	515.4	508.3	506.6	514.8
G27.0	685.3	646.3	609.2	576.0	544.5	521.7	505.2	497.9	496.1	504.8
G28.0	684.5	643.7	605.0	569.7	537.3	512.7	495.5	488.1	486.7	496.2
G29.0	684.1	641.3	600.6	563.8	528.9	503.8	484.9	478.5	475.8	487.2
G30.0	683.9	638.5	596.1	556.8	521.6	493.9	475.8	467.6	466.0	477.7
G31.0	683.7	636.1	592.1	550.7	514.0	484.7	465.8	457.5	456.5	468.5
G32.0	683.9	633.6	587.2	543.7	505.5	475.3	455.5	447.0	446.3	459.0
G33.0	684.2	631.3	583.1	538.0	498.0	466.1	445.8	436.9	436.4	450.1
G34.0	684.4	629.2	578.7	532.0	490.1	457.0	436.5	427.1	426.3	441.2
G35.0	684.9	627.2	574.3	525.9	481.8	447.3	425.7	416.7	416.2	431.4
G36.0	685.3	625.5	570.1	519.9	473.8	438.2	416.1	406.6	406.5	422.8

C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 7)

Unit: cd

G\C	C200.0	C210.0	C220.0	C230.0	C240.0	C250.0	C260.0	C270.0	C280.0	C290.0
G37.0	685.8	624.1	565.6	513.9	465.0	429.2	405.9	397.2	396.5	413.9
G38.0	686.5	622.7	562.0	507.5	457.3	419.3	396.3	386.4	387.1	404.5
G39.0	687.3	621.9	558.0	501.3	449.0	410.7	387.2	376.7	377.8	395.5
G40.0	688.4	620.8	554.0	494.3	439.8	400.8	376.7	366.6	368.0	386.0
G41.0	689.8	620.0	550.4	488.3	432.0	391.5	367.6	357.0	358.8	377.1
G42.0	691.0	619.3	546.8	482.0	424.2	382.5	357.9	347.9	350.1	367.9
G43.0	692.7	618.3	543.1	475.1	415.3	372.8	347.4	337.7	340.0	358.6
G44.0	694.3	617.8	539.8	468.8	407.4	363.9	338.2	328.8	331.0	349.5
G45.0	696.2	617.3	536.3	462.8	398.8	355.0	328.1	319.6	321.8	341.3
G46.0	697.8	616.9	532.9	455.4	390.6	345.3	319.4	309.7	313.2	332.0
G47.0	699.6	616.4	529.6	448.7	382.4	335.8	310.0	301.1	304.9	323.8
G48.0	701.8	616.3	525.6	441.6	372.7	325.4	300.1	291.4	295.0	314.4
G49.0	703.9	616.1	521.9	434.6	364.6	316.6	291.0	283.1	286.9	306.1
G50.0	706.2	616.0	518.2	427.7	355.7	307.4	282.3	274.5	278.9	298.4
G51.0	708.7	615.8	514.3	419.9	346.2	298.0	272.7	265.1	270.5	289.8
G52.0	711.1	615.9	510.8	412.5	337.5	289.0	264.0	257.2	262.9	282.9
G53.0	713.3	615.3	506.6	404.8	327.6	279.2	254.7	248.3	254.9	274.9
G54.0	715.3	614.4	502.8	397.5	318.9	270.5	246.2	240.8	247.4	267.8
G55.0	716.8	613.1	498.8	389.7	309.8	261.5	237.9	233.1	240.5	260.9
G56.0	718.5	611.3	493.7	381.6	299.9	252.2	229.4	225.2	233.0	253.7
G57.0	719.3	609.1	488.5	373.3	291.1	244.1	221.7	218.0	226.7	247.4
G58.0	719.7	606.3	481.9	365.0	281.5	235.4	213.6	211.0	219.6	240.9
G59.0	719.6	602.5	474.3	355.3	272.5	226.5	206.0	203.9	213.2	233.6
G60.0	719.1	597.7	466.2	346.2	263.5	218.1	198.9	197.6	206.5	227.1
G61.0	717.1	591.0	456.0	335.3	254.0	209.6	190.8	190.6	199.7	219.2
G62.0	714.2	583.0	445.0	325.1	245.0	201.4	183.6	184.1	193.4	212.6
G63.0	709.1	573.4	432.7	313.9	236.0	193.5	176.1	177.7	186.5	205.1
G64.0	701.1	559.2	418.0	301.2	225.4	184.2	168.6	170.1	178.8	196.8
G65.0	690.1	543.4	402.0	288.0	215.4	176.0	161.0	163.5	172.1	189.2
G66.0	674.3	523.8	381.4	274.4	203.6	167.2	152.8	156.6	164.1	180.6
G67.0	654.0	499.9	361.7	257.4	192.9	157.9	144.9	148.1	155.9	171.0
G68.0	629.2	472.2	338.2	241.6	181.4	148.5	137.2	139.9	147.0	162.0
G69.0	594.1	438.8	311.0	222.5	168.4	138.4	127.6	130.4	136.9	150.8
G70.0	557.9	402.8	283.6	204.7	156.0	128.9	118.2	119.1	126.0	140.3
G71.0	513.9	366.3	255.9	185.6	143.5	118.8	105.2	104.8	112.8	128.8
G72.0	462.2	322.8	224.0	164.1	129.5	106.3	88.5	86.7	94.3	115.3
G73.0	410.7	283.7	196.6	146.1	116.7	93.4	74.8	73.1	78.6	100.6

C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:



## Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C310.0	C320.0	C330.0	C340.0	C350.0	C360.0			
G0.0	713.5	713.6	712.7	712.6	711.5	710.6	714.6			
G1.0	708.3	708.4	708.7	709.2	709.1	709.1	714.2			
G2.0	703.2	703.5	704.2	705.7	706.8	708.0	714.0			
G3.0	697.0	698.2	699.5	702.0	704.4	706.7	713.8			
G4.0	691.5	693.0	694.8	698.2	702.2	705.5	713.7			
G5.0	686.0	687.6	690.3	694.4	699.7	704.3	713.5			
G6.0	679.3	681.8	685.1	690.3	697.0	703.0	713.6			
G7.0	673.0	676.0	680.6	686.6	694.2	701.9	713.7			
G8.0	666.1	670.2	675.8	682.8	690.9	700.8	713.8			
G9.0	659.8	664.9	671.5	679.7	688.2	699.5	714.1			
G10.0	653.2	659.1	667.2	676.4	686.1	698.3	714.4			
G11.0	645.7	653.3	662.4	673.1	683.7	696.7	715.0			
G12.0	639.1	647.5	657.9	670.0	682.0	695.2	715.5			
G13.0	631.9	641.9	653.3	666.9	680.2	694.2	716.2			
G14.0	624.9	635.7	648.8	664.0	678.8	693.5	717.4			
G15.0	618.1	629.8	644.4	660.7	677.5	693.6	718.6			
G16.0	610.2	623.4	639.3	657.7	676.3	693.9	720.2			
G17.0	603.3	617.4	635.0	654.6	675.0	694.3	722.4			
G18.0	596.0	611.2	630.3	651.5	674.0	695.1	724.5			
G19.0	587.9	604.7	624.8	647.9	672.9	696.0	727.0			
G20.0	580.9	598.6	619.9	644.9	671.7	697.0	729.4			
G21.0	572.6	592.3	614.5	641.6	670.5	698.3	732.0			
G22.0	564.8	585.3	609.8	638.2	669.4	699.7	734.9			
G23.0	557.5	579.0	604.7	635.4	668.5	701.1	737.6			
G24.0	548.8	571.4	599.6	632.5	667.8	702.6	740.2			
G25.0	541.0	565.2	594.9	630.1	667.7	703.9	743.4			
G26.0	532.9	558.7	590.7	628.1	667.8	705.5	746.1			
G27.0	524.7	551.7	586.0	625.9	668.4	707.8	749.4			
G28.0	516.6	545.4	581.8	624.4	669.1	710.2	753.0			
G29.0	508.2	539.1	577.6	623.1	670.4	713.0	757.2			
G30.0	500.2	532.5	573.9	622.1	671.5	716.3	762.0			
G31.0	492.2	526.1	570.5	621.1	673.1	719.4	766.9			
G32.0	483.3	519.8	566.9	620.1	674.7	723.2	772.0			
G33.0	475.6	513.8	563.8	619.2	676.2	726.8	777.7			
G34.0	467.8	507.8	560.7	618.2	677.9	730.5	782.2			
G35.0	458.8	501.6	556.9	617.2	679.8	734.3	787.1			
G36.0	450.7	495.7	553.3	616.7	681.9	737.9	791.6			

C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 10)

Unit: cd

G\C	C300.0	C310.0	C320.0	C330.0	C340.0	C350.0	C360.0			
G37.0	442.0	490.4	549.5	616.3	684.5	741.7	795.7			
G38.0	434.0	484.1	546.4	615.8	686.7	746.1	800.2			
G39.0	426.1	478.0	543.0	615.6	689.0	750.3	804.9			
G40.0	417.4	471.6	539.6	615.5	691.5	754.8	809.9			
G41.0	409.9	465.3	536.6	615.4	693.7	759.3	814.5			
G42.0	401.9	459.2	533.4	615.0	696.0	764.0	819.5			
G43.0	393.3	453.0	530.1	614.5	698.1	768.5	824.8			
G44.0	386.0	447.1	526.9	614.0	700.2	773.0	829.8			
G45.0	377.6	441.1	523.3	613.3	702.3	777.0	835.0			
G46.0	370.5	434.8	519.9	612.6	704.3	781.5	841.0			
G47.0	362.7	428.8	516.2	611.6	706.0	785.3	846.3			
G48.0	354.5	422.1	511.5	610.1	707.6	789.0	851.7			
G49.0	346.8	416.1	507.3	608.5	708.9	792.7	857.0			
G50.0	339.4	410.0	502.7	606.9	710.5	796.0	862.8			
G51.0	331.3	403.3	497.3	605.0	712.0	800.1	869.7			
G52.0	323.7	396.5	492.2	602.9	713.2	803.6	876.6			
G53.0	316.5	389.0	486.0	600.5	714.0	807.4	883.7			
G54.0	309.7	381.8	480.5	597.8	714.5	810.5	891.2			
G55.0	302.8	375.0	475.2	595.0	715.0	813.9	897.6			
G56.0	295.5	367.1	469.0	592.1	715.7	817.9	904.6			
G57.0	288.4	360.0	463.2	588.9	716.5	821.5	910.8			
G58.0	281.1	352.4	456.6	585.6	717.1	826.2	917.9			
G59.0	273.9	344.2	449.9	581.4	717.1	831.2	925.6			
G60.0	266.9	335.8	442.2	576.8	715.7	834.7	932.8			
G61.0	258.7	327.0	432.7	570.2	712.5	837.8	940.8			
G62.0	251.3	318.2	423.4	562.0	708.0	839.5	949.6			
G63.0	243.1	308.9	412.5	551.9	701.3	840.1	958.1			
G64.0	233.5	297.4	399.5	537.5	691.1	838.8	966.5			
G65.0	223.9	286.1	385.0	521.9	679.1	835.6	971.9			
G66.0	213.0	273.4	367.7	502.1	662.6	830.6	975.8			
G67.0	201.8	258.9	349.4	478.2	643.9	822.5	978.5			
G68.0	190.7	243.9	327.8	452.4	621.6	812.0	978.5			
G69.0	177.5	227.1	302.1	422.7	591.2	795.5	974.5			
G70.0	163.9	209.3	278.2	391.6	559.2	775.7	961.3			
G71.0	150.0	190.6	253.1	359.6	519.6	747.7	938.8			
G72.0	135.1	169.9	226.2	320.7	470.2	707.1	902.2			
G73.0	121.0	150.9	199.7	285.6	423.0	656.1	852.7			

C Plane (°):0.0-360.0: 10.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: GPM-1600L  
 Distance: 7.000 m  
 Humidity:  
 Inspector:



