

Report No.:

Test Time: 2020-07-11 15:58

## 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: 43.3 V

Power: 21.59 W

## Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 3121.9 lm

Efficiency: 100%

Upward Ratio: 0%

Central Intensity: 755.61 cd

Pos of Max. Intensity: H170 V68

Longitudinal Classification: Medium

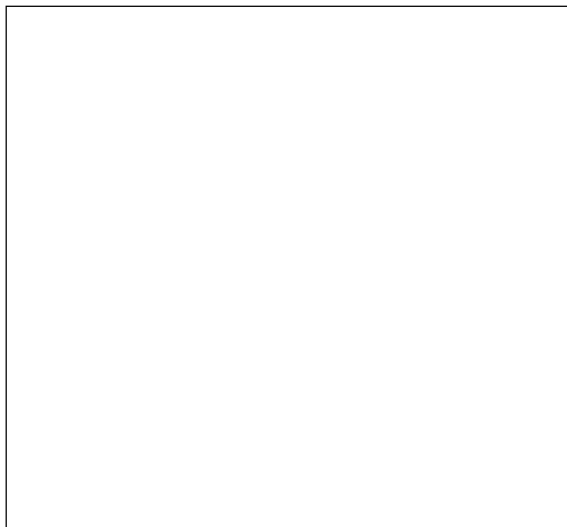
Measurement Flux: 3121.9 lm

Downward Ratio: 100%

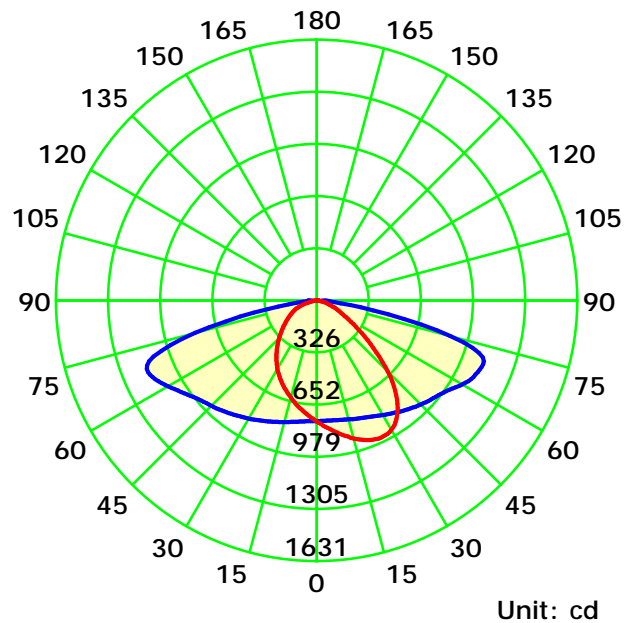
Luminaire Efficacy Rating (LER): 144.65

Max. Intensity: 1305.58 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

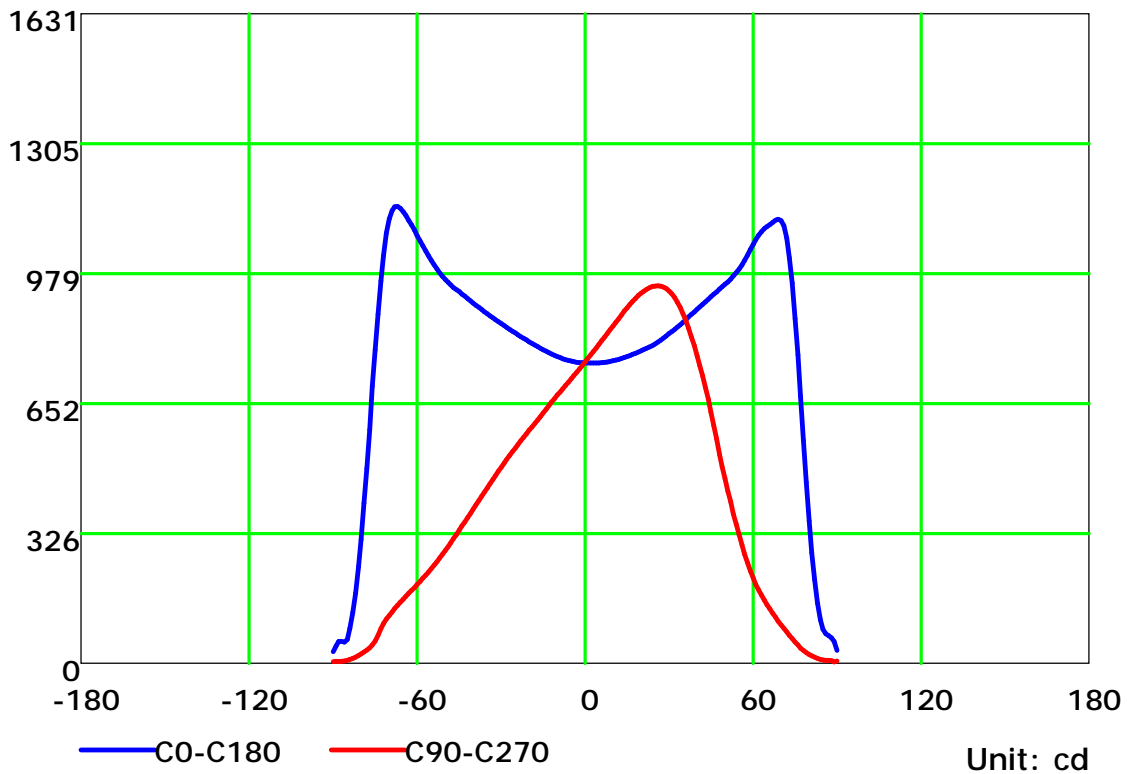
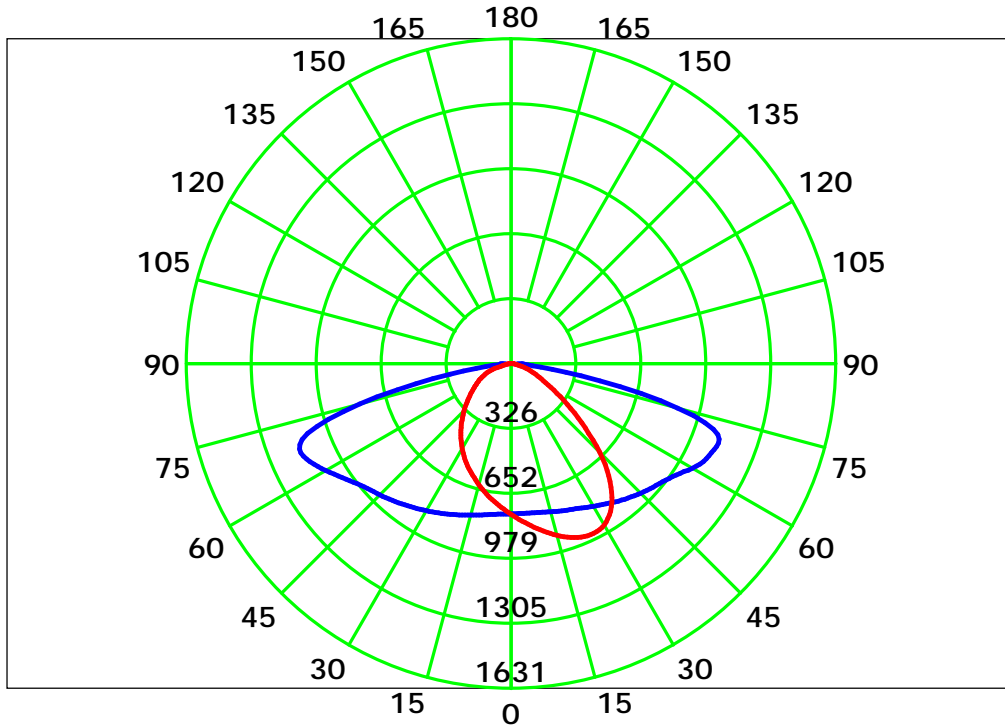
Test Device: GPM-1600L

Distance: 7.000 m

Humidity:

Inspector:

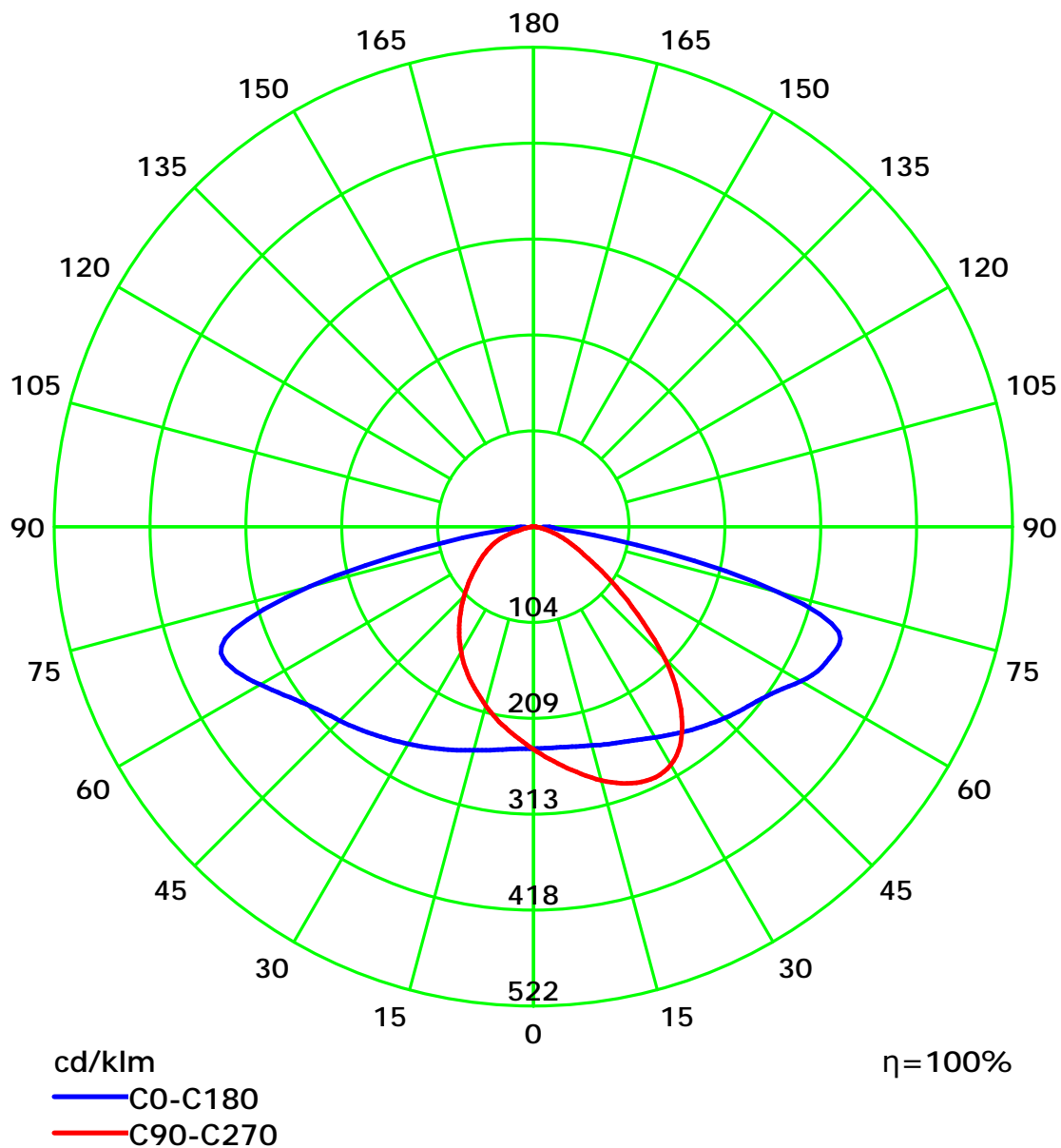
## Luminous Intensity Distribution Curve



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)



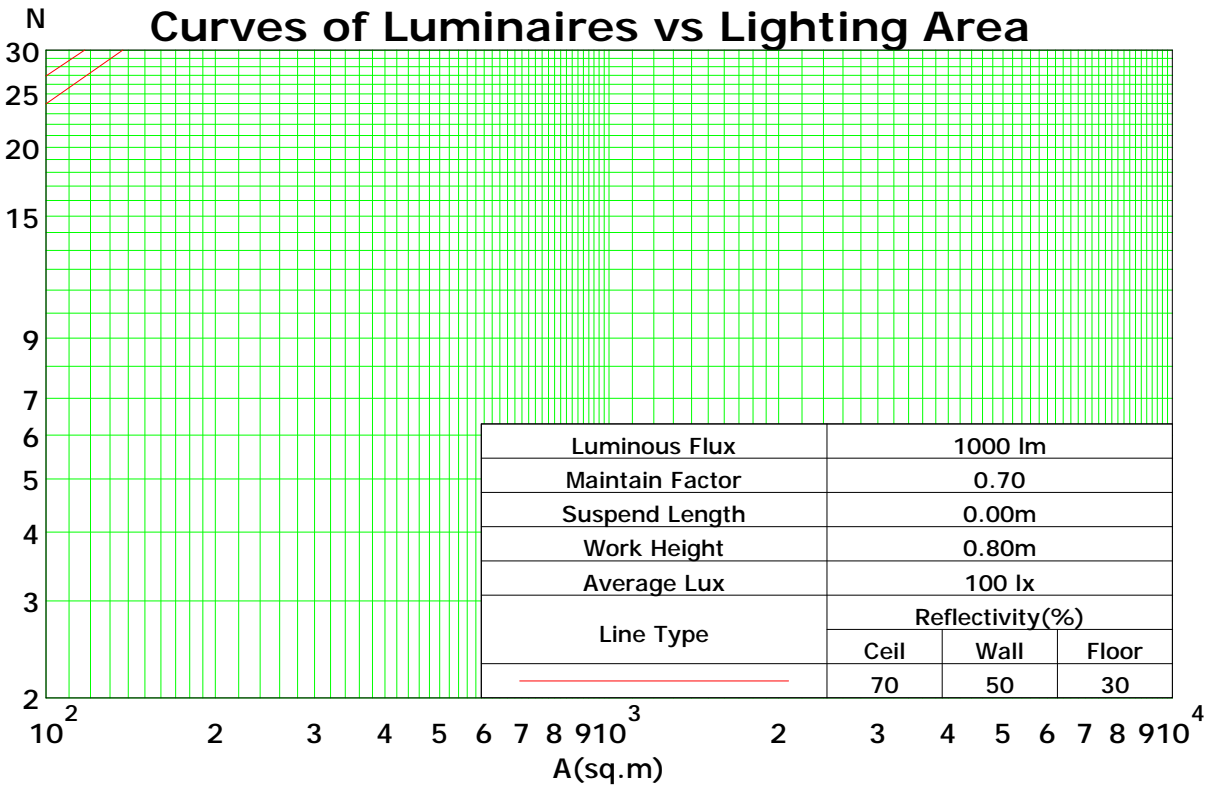
C Plane (°):0.0-360.0: 10.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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	108	103	98	94	105	100	96	92	96	92	89	92	89	87	88	86	84	82
2	97	88	80	74	94	86	79	73	82	77	72	79	74	70	76	72	68	66
3	87	76	67	60	85	74	66	60	71	64	58	68	62	57	66	61	56	54
4	79	66	57	50	77	65	56	49	63	55	49	60	53	48	58	52	47	45
5	73	59	49	42	70	58	49	42	55	47	41	53	46	41	51	45	40	38
6	67	52	43	36	65	51	42	36	50	41	35	48	41	35	46	40	35	33
7	62	47	38	31	60	46	37	31	45	37	31	43	36	31	42	35	30	28
8	57	43	34	28	55	42	33	27	41	33	27	39	32	27	38	32	27	25
9	53	39	30	25	52	38	30	24	37	30	24	36	29	24	35	29	24	22
10	50	36	28	22	48	35	27	22	34	27	22	33	26	22	32	26	22	20

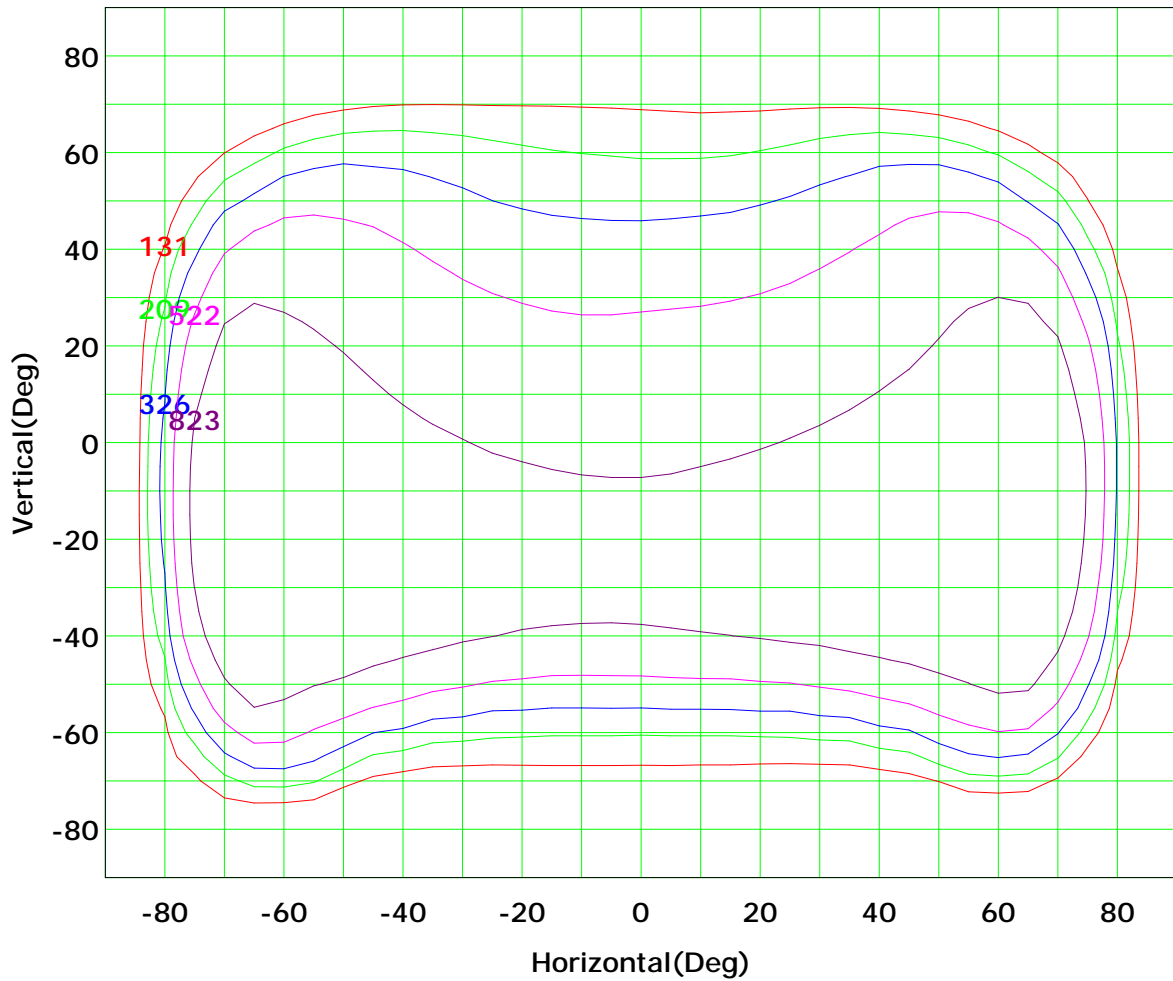
Spacing Criteria (0-180): 1.78  
 Spacing Criteria (90-270): 1.36  
 Spacing Criteria (Diagonal): 1.66



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)



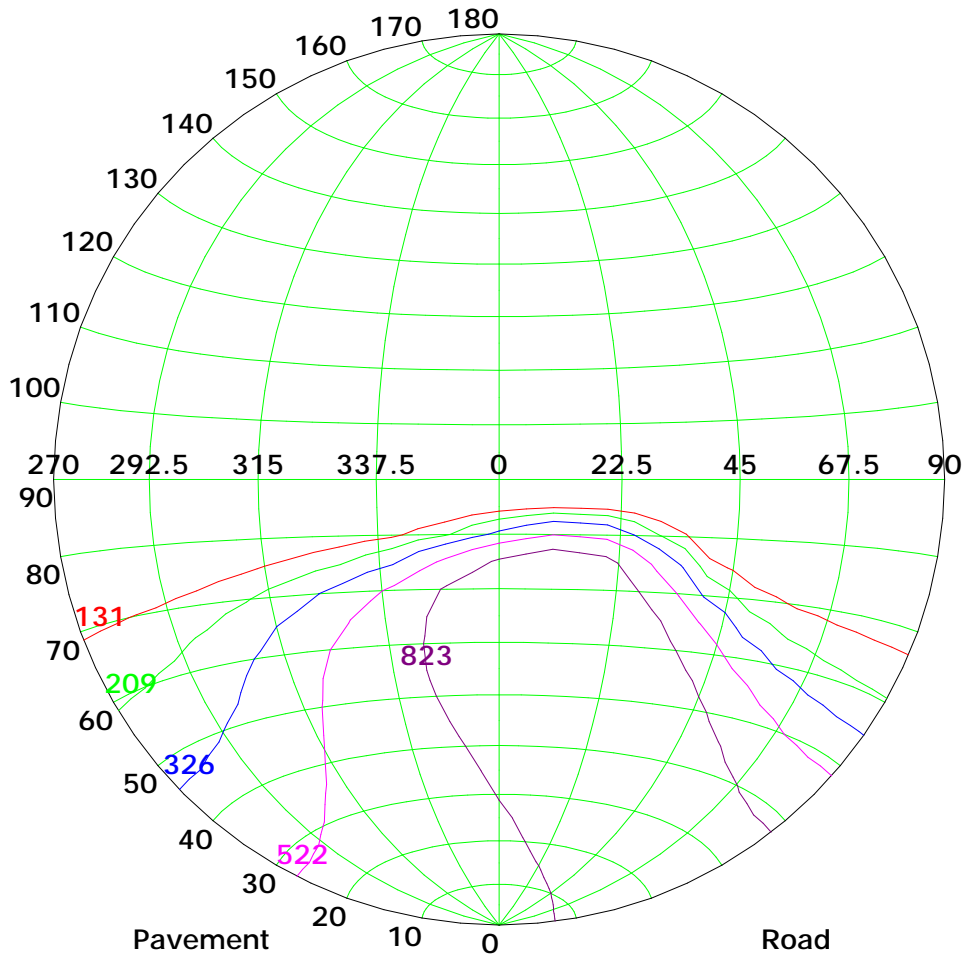
Imax (100%): 1306 cd

— ( 10%): 131 cd	— ( 16%): 209 cd
— ( 25%): 326 cd	— ( 40%): 522 cd
— ( 63%): 823 cd	— (100%): 1306 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)



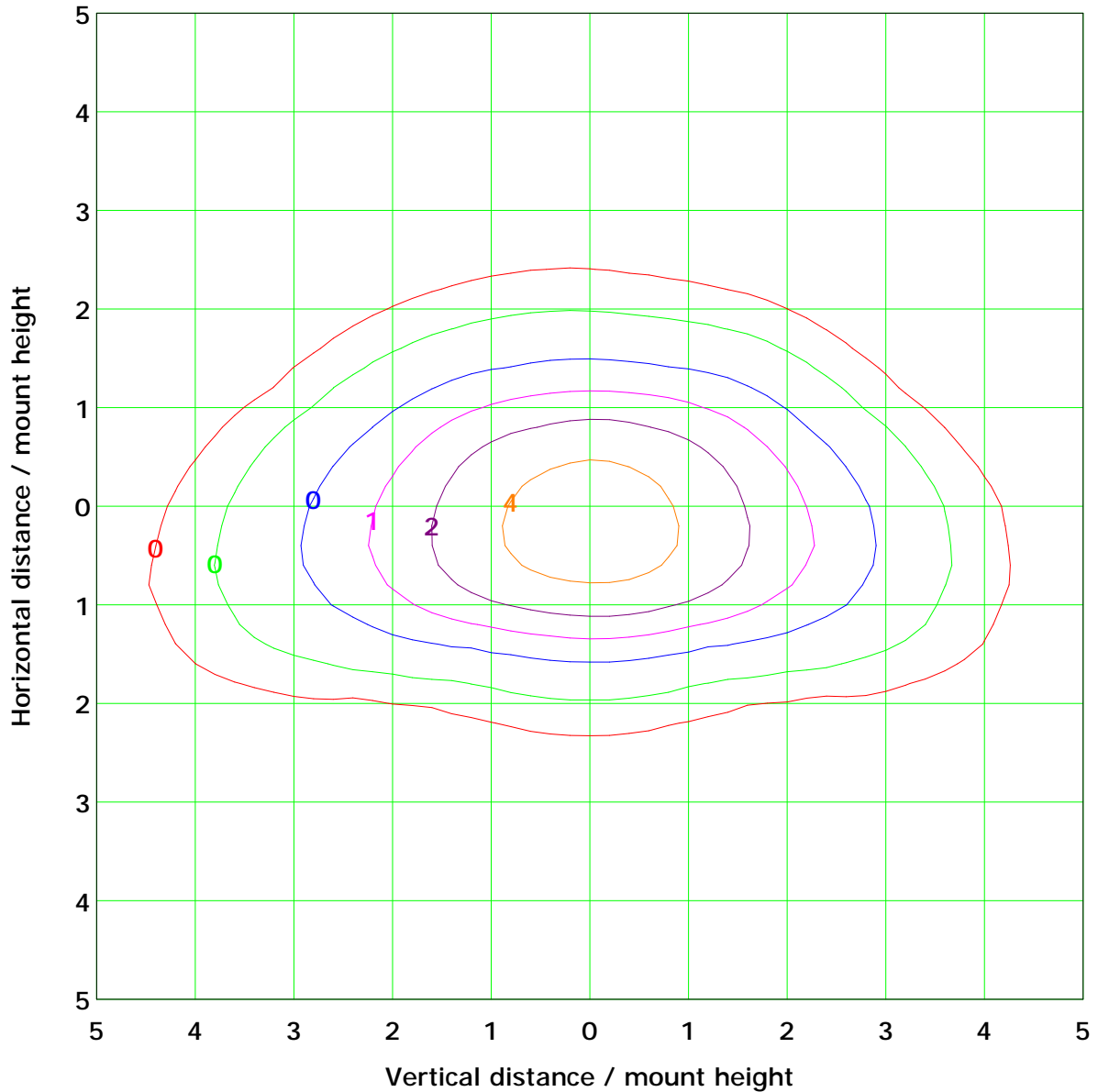
**Imax (100%): 1306 cd**

— ( 10%): 131 cd	— ( 16%): 209 cd
— ( 25%): 326 cd	— ( 40%): 522 cd
— ( 63%): 823 cd	— (100%): 1306 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



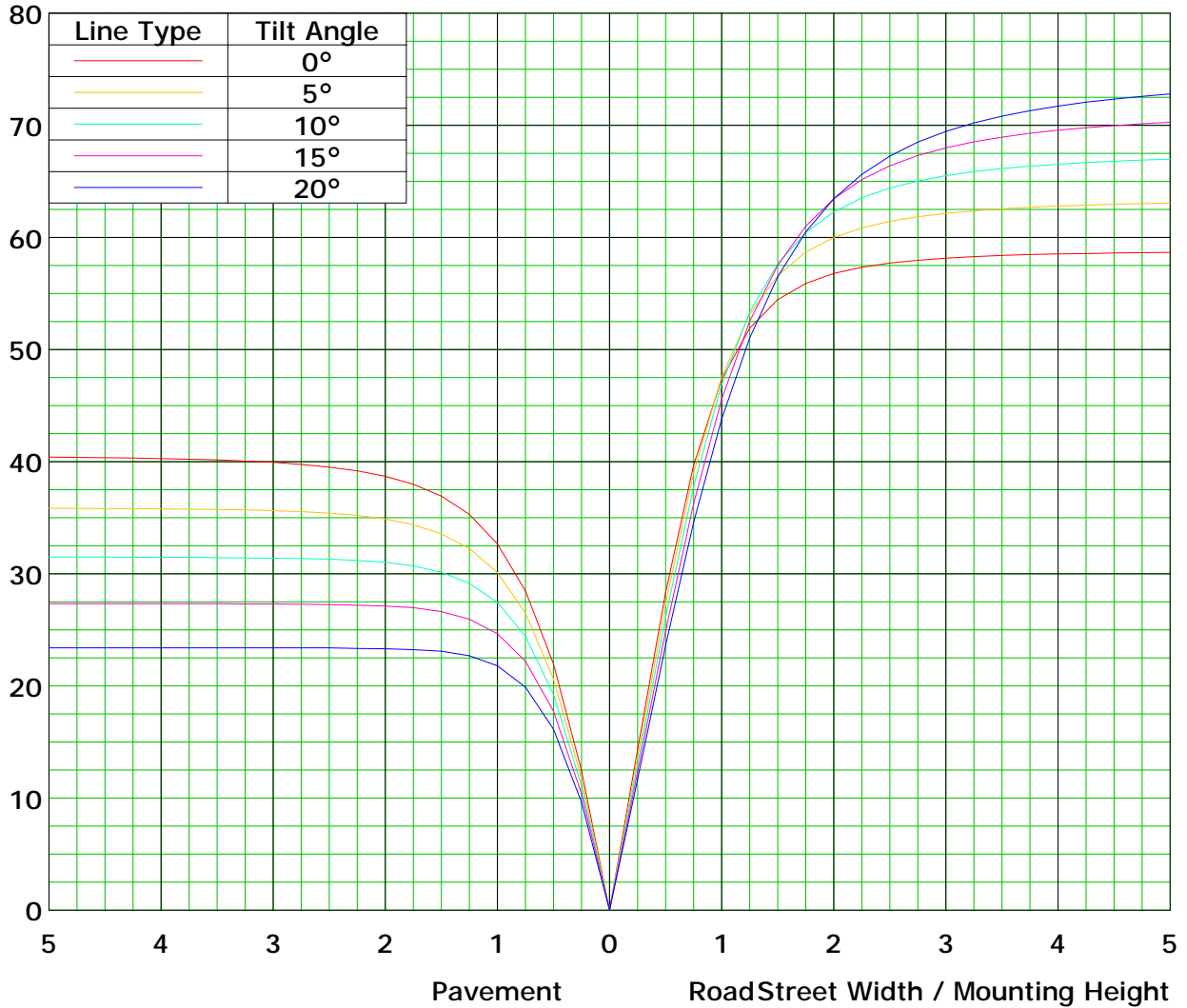
Mounting Height: 10.0m		Max Lux(100%): 8.1 lx	
— ( 1%):	0.1 lx	— ( 2%):	0.2 lx
— ( 5%):	0.4 lx	— (10%):	0.8 lx
— (20%):	1.6 lx	— (50%):	4.1 lx
— (100%):	8.1 lx		

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:

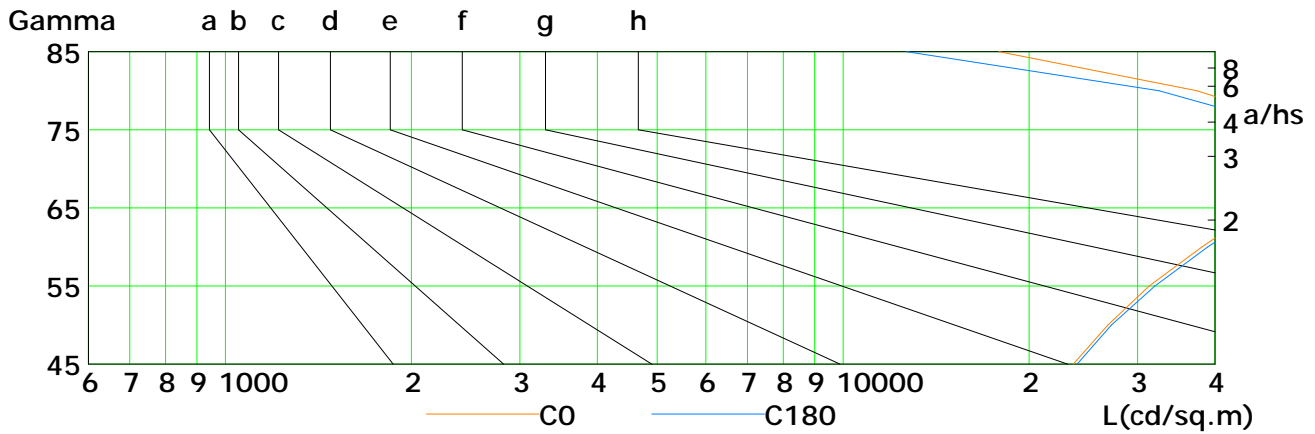
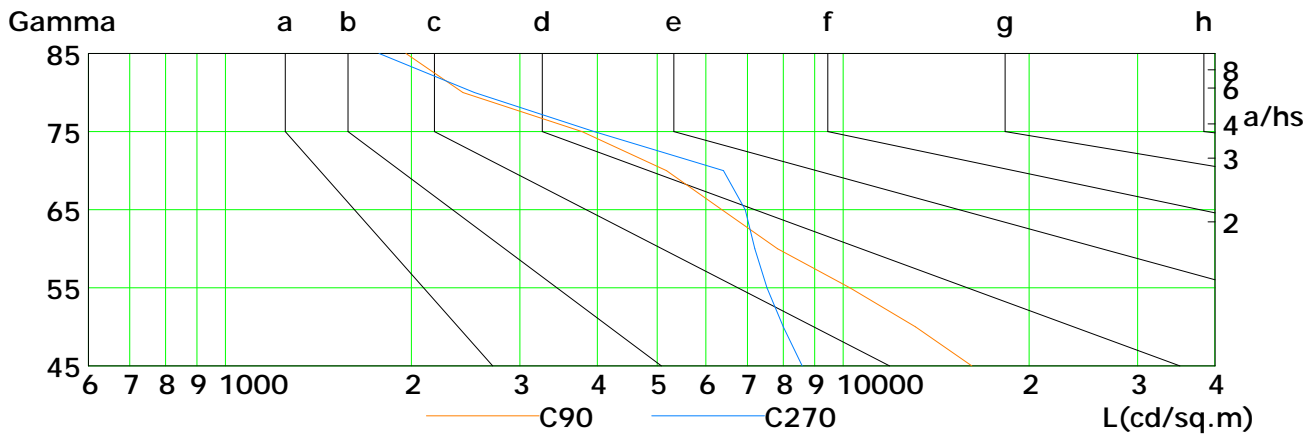
Gamma Plane (°):0.0-90.0:1.0  
Test Device: GPM-1600L  
Distance: 7.000 m  
Humidity:  
Inspector:



## 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

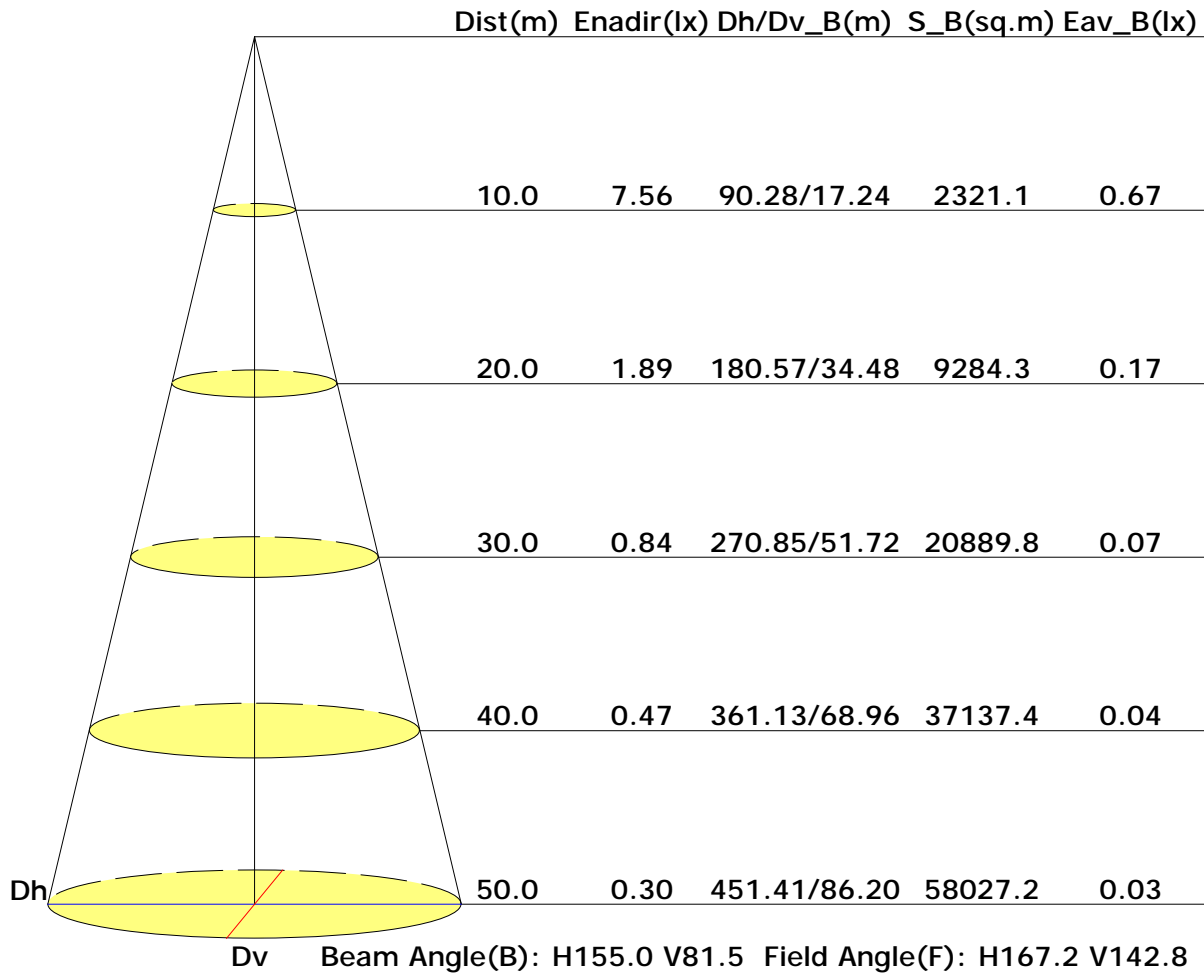


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	23600	26837	31285	38113	47048	58948	60586	37399	17895
C90	16161	13106	10253	7830	6365	5178	3779	2424	1961
C180	23930	27182	31985	38949	48626	59162	55168	32475	12674
C270	8588	8007	7531	7199	6942	6404	3956	2530	1774

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:

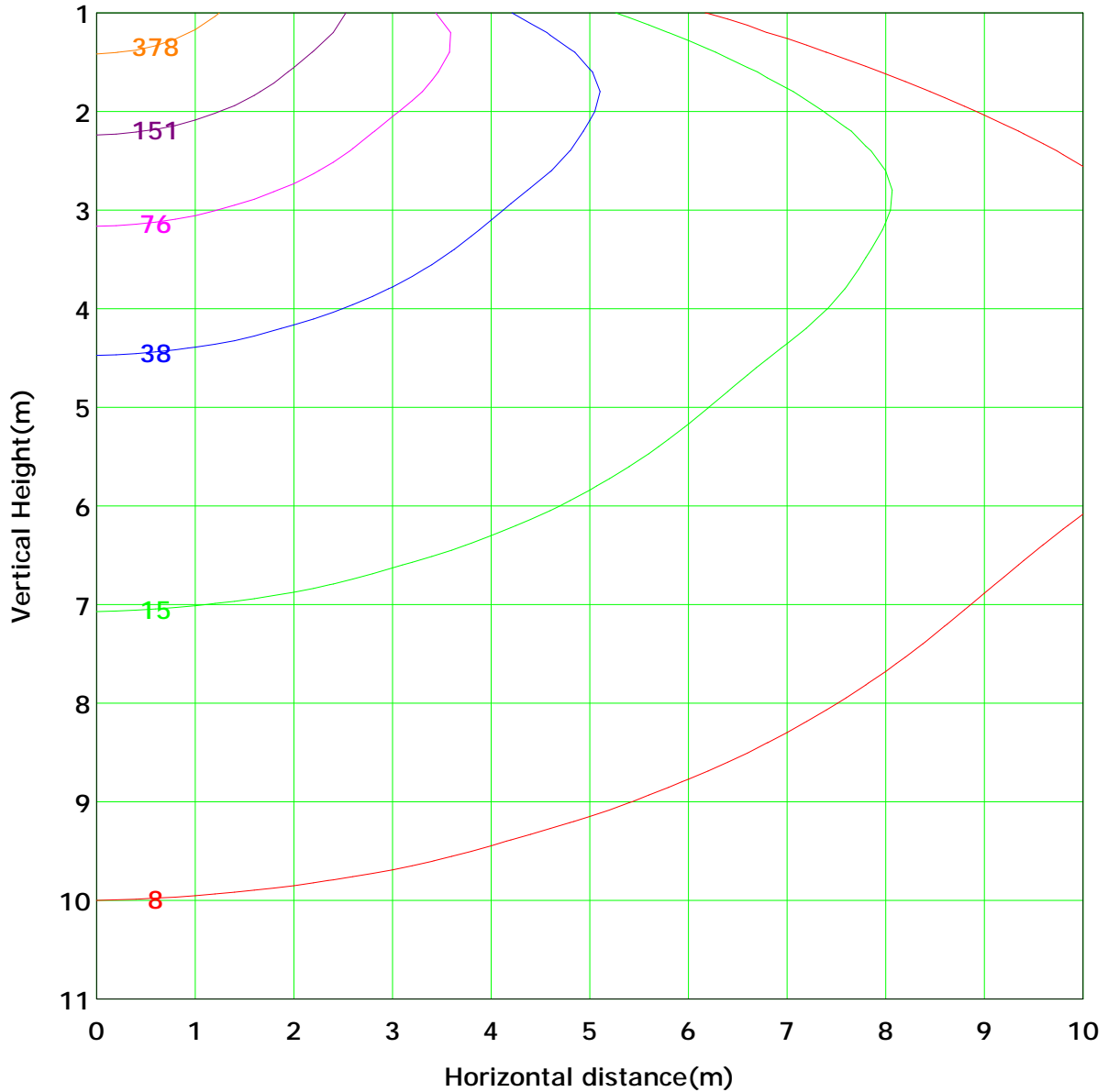
## Illuminance at a Distance



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: 755.6 lx

— ( 1%): 7.6 lx	— ( 2%): 15.1 lx
— ( 5%): 37.8 lx	— (10%): 75.6 lx
— (20%): 151.1 lx	— (50%): 377.8 lx
— (100%): 755.6 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:

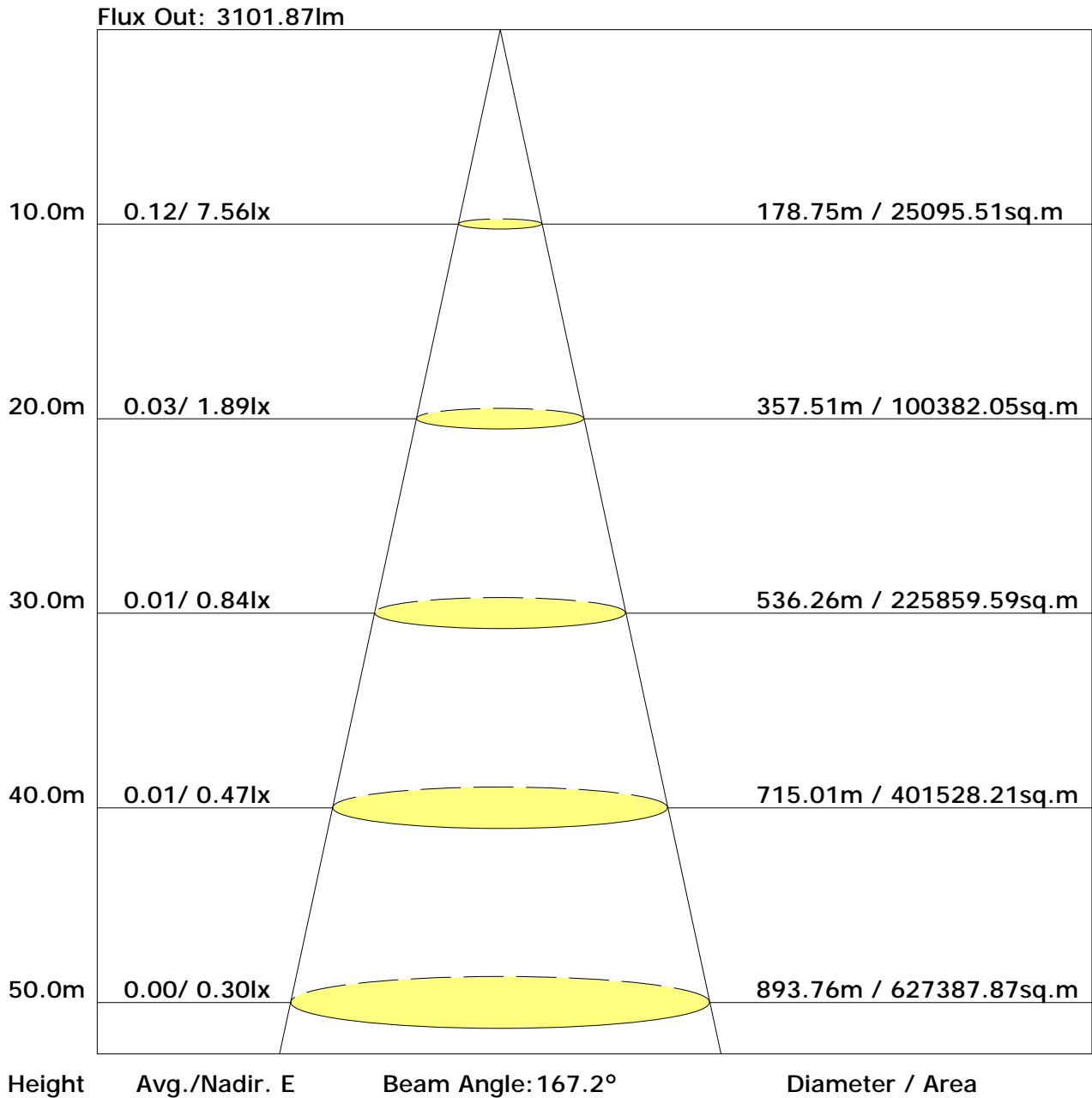
### Area Flux Table

		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)	Unit: lm																		Flux(T)Flux(E)	Flux(E)		
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80			90	
1.6	4.1	0.1	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	4.1	3122	3045
50.4	53.7	0.1	0.3	0.5	0.8	1.2	1.6	1.8	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	53.7	3122	3045
142.9	146.1	0.1	0.4	1.3	2.7	4.0	4.7	4.8	4.7	4.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	146.1	3122	3045
191.0	194.3	0.1	0.9	3.0	6.1	8.0	8.3	7.8	7.4	7.3	7.4	7.5	7.7	8.1	8.1	8.1	8.1	8.1	8.1	8.1	194.3	3122	3045
214.4	218.3	0.2	1.6	5.8	9.9	11.5	11.4	10.9	10.5	10.3	10.2	10.2	10.5	11.0	11.0	11.0	11.0	11.0	11.0	11.0	218.3	3122	3045
226.9	231.8	0.2	2.7	8.8	12.8	14.1	14.1	13.8	13.6	13.5	13.3	13.2	13.3	13.6	13.6	13.6	13.6	13.6	13.6	13.6	231.8	3122	3045
232.6	238.2	0.3	4.0	11.1	14.7	16.0	16.5	16.6	16.6	16.6	16.3	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	238.2	3122	3045
234.4	240.4	0.3	5.1	12.7	16.0	17.7	18.8	19.2	19.3	19.3	19.0	18.7	18.5	18.2	17.3	15.7	14.1	11.0	9.7	6.3	240.4	3122	3045
234.4	239.8	0.3	6.0	13.9	17.1	19.3	20.9	21.7	21.9	21.9	21.5	21.2	20.9	20.2	18.9	16.7	13.5	9.1	3.2	2.0	239.8	3122	3045
234.4	236.6	0.3	6.5	14.9	18.4	21.1	23.0	24.2	24.7	24.5	24.3	24.0	23.4	22.4	20.7	18.0	14.5	7.0	0.4	0.2	236.6	3122	3045
234.4	233.5	0.3	6.5	15.8	19.9	23.0	25.4	26.9	27.5	27.3	27.1	26.7	25.9	24.6	22.5	19.4	15.4	7.1	0.5	0.2	233.5	3122	3045
234.4	233.5	0.3	6.1	16.1	20.6	24.2	26.9	28.5	29.1	29.0	28.5	28.1	27.4	26.0	23.6	20.3	15.9	7.0	0.4	0.2	233.5	3122	3045
234.4	236.2	0.3	5.2	15.1	19.9	23.0	25.3	26.6	27.1	26.8	26.2	25.8	25.4	24.6	22.7	19.9	15.3	6.3	0.4	0.2	236.2	3122	3045
234.4	233.5	0.2	3.8	12.6	16.7	18.2	19.0	19.3	19.5	19.4	18.9	18.6	18.6	18.8	18.4	17.0	13.5	4.8	0.3	0.2	233.5	3122	3045
234.4	238.2	0.2	2.2	8.5	11.2	10.7	10.0	9.8	10.0	10.1	10.0	9.8	9.8	10.2	11.2	11.7	9.9	3.0	0.3	0.2	238.2	3122	3045
234.4	240.4	0.2	1.0	4.0	5.3	4.3	4.0	4.2	4.4	4.6	4.6	4.5	4.2	4.1	4.6	6.0	5.1	1.5	0.2	0.2	240.4	3122	3045
234.4	239.8	0.2	0.6	1.1	1.5	1.2	1.3	1.5	1.6	1.7	1.7	1.7	1.6	1.4	1.4	1.9	1.7	0.9	0.2	0.2	239.8	3122	3045
234.4	236.6	0.1	0.6	0.7	0.5	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.6	0.9	0.8	0.2	0.2	236.6	3122	3045
234.4	233.5	0.1	0.6	0.7	0.5	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.6	0.9	0.8	0.2	0.2	233.5	3122	3045

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:

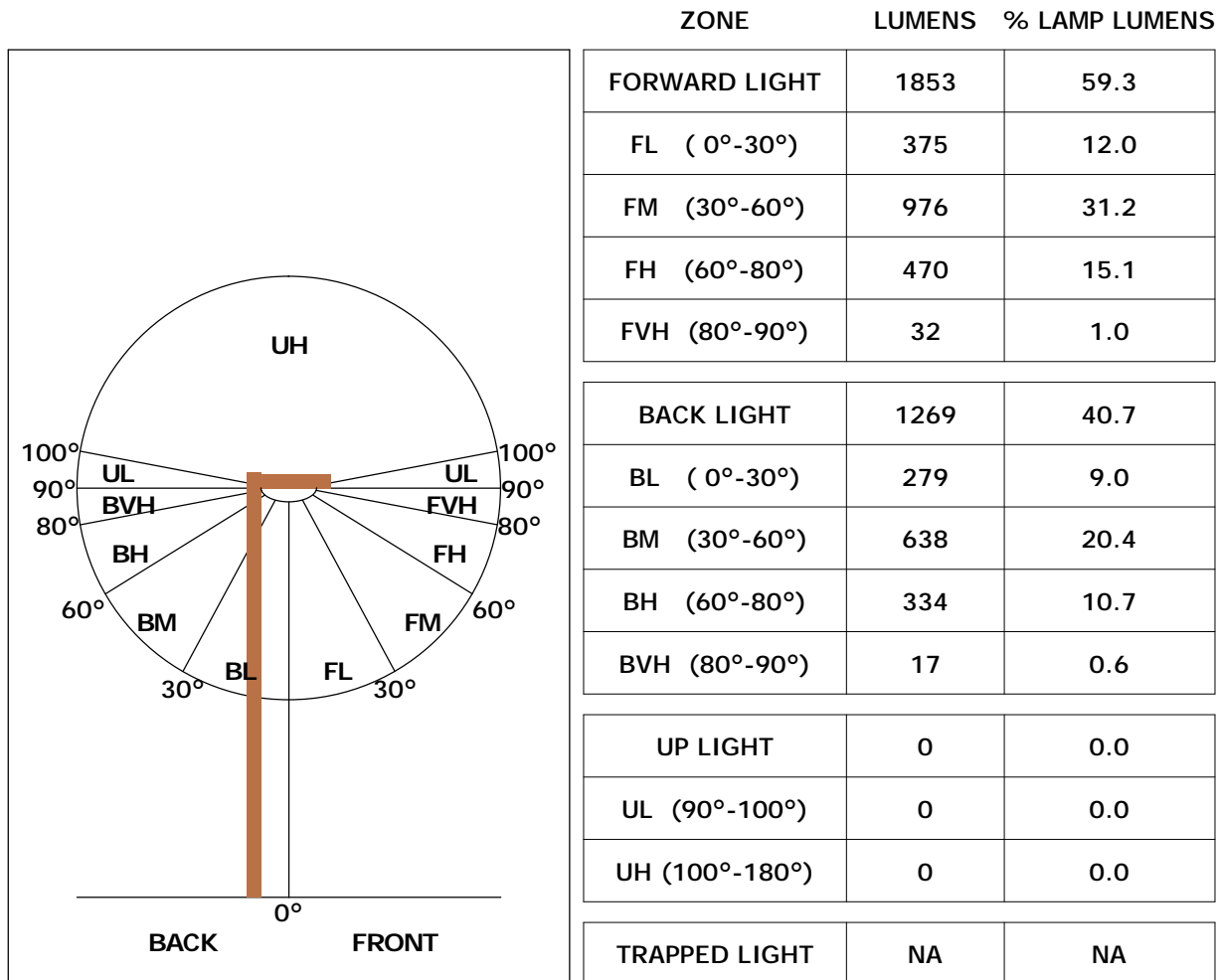
## The Average Illuminance Effective Figure



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	0.65	0.72	0.78	0.86	0.91	0.95	1.00	1.03
	0.30		NA	0.57	0.65	0.71	0.79	0.85	0.89	0.95	0.99
	0.20		NA	0.51	0.59	0.65	0.74	0.80	0.85	0.92	0.96
0.50	0.50	0.20	NA	0.63	0.70	0.75	0.83	0.88	0.91	0.96	0.98
	0.30		NA	0.56	0.63	0.69	0.77	0.83	0.87	0.92	0.95
	0.20		NA	0.50	0.58	0.64	0.73	0.78	0.83	0.89	0.93
0.30	0.50	0.20	NA	0.61	0.68	0.73	0.80	0.84	0.88	0.92	0.95
	0.30		NA	0.55	0.62	0.67	0.75	0.80	0.84	0.89	0.92
	0.20		NA	0.50	0.57	0.63	0.71	0.77	0.81	0.86	0.90
0.00	0.00	0.00	NA	0.47	0.54	0.60	0.68	0.73	0.77	0.82	0.85
<p>Rating:22W 2.80m Mounted:On Ceiling                      Multiply UF values by service correction factors                      Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

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(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	0.85	0.73	0.63	0.50	0.42	0.36	0.28	0.22	
	0.30		NA	0.73	0.64	0.56	0.46	0.38	0.33	0.26	0.21	
	0.20		NA	0.64	0.56	0.50	0.42	0.35	0.31	0.24	0.20	
0.50	0.50	0.20	NA	0.82	0.70	0.61	0.48	0.43	0.34	0.26	0.21	
	0.30		NA	0.71	0.62	0.55	0.44	0.37	0.32	0.25	0.20	
	0.20		NA	0.63	0.55	0.49	0.41	0.34	0.30	0.24	0.20	
0.30	0.50	0.20	NA	0.79	0.67	0.58	0.46	0.38	0.33	0.25	0.20	
	0.30		NA	0.70	0.60	0.53	0.43	0.36	0.31	0.24	0.20	
	0.20		NA	0.62	0.55	0.49	0.40	0.34	0.29	0.23	0.19	
0.00	0.00	0.00	1.00	0.53	0.46	0.40	0.32	0.27	0.23	0.18	0.15	
<p>Rating: 22W 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	0.19	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	0.08	0.09	0.11	0.12	0.14	0.15	0.17
0.50	0.50	0.20	NA	0.17	0.18	0.19	0.19	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	0.09	0.11	0.12	0.13	0.15	0.16
0.30	0.50	0.20	NA	0.17	0.17	0.18	0.19	0.19	0.19	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	0.09	0.10	0.12	0.13	0.15	0.16
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
<p>Rating:22W 2.80m Mounted:On Ceiling                      Multiply UF values by service correction factors                      Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

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

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	755.6	0.7	0.7	0.02	0.02
1.0-2.0	755.7	2.2	2.9	0.07	0.09
2.0-3.0	756.0	3.6	6.5	0.12	0.21
3.0-4.0	756.5	5.1	11.6	0.16	0.37
4.0-5.0	757.2	6.5	18.1	0.21	0.58
5.0-6.0	758.0	8.0	26.1	0.26	0.83
6.0-7.0	759.0	9.4	35.5	0.30	1.14
7.0-8.0	760.0	10.9	46.4	0.35	1.48
8.0-9.0	761.3	12.3	58.7	0.40	1.88
9.0-10.0	762.7	13.8	72.5	0.44	2.32
10.0-11.0	764.2	15.3	87.8	0.49	2.81
11.0-12.0	765.7	16.7	104.5	0.54	3.35
12.0-13.0	767.2	18.2	122.7	0.58	3.93
13.0-14.0	768.8	19.7	142.4	0.63	4.56
14.0-15.0	770.5	21.2	163.6	0.68	5.24
15.0-16.0	772.1	22.6	186.2	0.72	5.96
16.0-17.0	773.8	24.1	210.3	0.77	6.74
17.0-18.0	775.5	25.6	235.9	0.82	7.56
18.0-19.0	777.1	27.0	262.9	0.87	8.42
19.0-20.0	778.7	28.5	291.4	0.91	9.33
20.0-21.0	780.1	30.0	321.4	0.96	10.29
21.0-22.0	781.5	31.4	352.8	1.01	11.30
22.0-23.0	782.8	32.8	385.6	1.05	12.35
23.0-24.0	783.8	34.3	419.9	1.10	13.45
24.0-25.0	784.6	35.7	455.6	1.14	14.59
25.0-26.0	785.4	37.1	492.7	1.19	15.78
26.0-27.0	785.9	38.5	531.1	1.23	17.01
27.0-28.0	786.2	39.8	570.9	1.28	18.29
28.0-29.0	786.3	41.1	612.1	1.32	19.61
29.0-30.0	786.1	42.4	654.5	1.36	20.97
30.0-31.0	785.6	43.7	698.2	1.40	22.37
31.0-32.0	784.7	45.0	743.2	1.44	23.81
32.0-33.0	783.4	46.2	789.4	1.48	25.28
33.0-34.0	781.8	47.3	836.7	1.52	26.80
34.0-35.0	779.7	48.4	885.1	1.55	28.35
35.0-36.0	777.1	49.5	934.6	1.59	29.94

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	774.1	50.5	985.1	1.62	31.55
37.0-38.0	770.6	51.4	1036.5	1.65	33.20
38.0-39.0	766.6	52.3	1088.9	1.68	34.88
39.0-40.0	761.9	53.1	1142.0	1.70	36.58
40.0-41.0	756.8	53.9	1195.9	1.73	38.31
41.0-42.0	751.5	54.6	1250.5	1.75	40.06
42.0-43.0	745.4	55.2	1305.7	1.77	41.83
43.0-44.0	738.8	55.8	1361.5	1.79	43.61
44.0-45.0	731.8	56.2	1417.8	1.80	45.41
45.0-46.0	724.1	56.6	1474.4	1.81	47.23
46.0-47.0	715.9	56.9	1531.3	1.82	49.05
47.0-48.0	706.9	57.2	1588.5	1.83	50.88
48.0-49.0	697.5	57.3	1645.8	1.83	52.72
49.0-50.0	688.2	57.4	1703.1	1.84	54.56
50.0-51.0	678.2	57.4	1760.5	1.84	56.39
51.0-52.0	668.1	57.3	1817.9	1.84	58.23
52.0-53.0	658.0	57.2	1875.1	1.83	60.06
53.0-54.0	647.4	57.1	1932.2	1.83	61.89
54.0-55.0	637.0	56.9	1989.1	1.82	63.71
55.0-56.0	626.3	56.6	2045.7	1.81	65.53
56.0-57.0	615.3	56.3	2101.9	1.80	67.33
57.0-58.0	604.8	55.9	2157.9	1.79	69.12
58.0-59.0	593.7	55.5	2213.4	1.78	70.90
59.0-60.0	582.7	55.1	2268.4	1.76	72.66
60.0-61.0	571.7	54.6	2323.0	1.75	74.41
61.0-62.0	560.4	54.0	2377.0	1.73	76.14
62.0-63.0	549.0	53.4	2430.4	1.71	77.85
63.0-64.0	536.6	52.7	2483.0	1.69	79.54
64.0-65.0	523.4	51.8	2534.9	1.66	81.20
65.0-66.0	509.7	50.9	2585.7	1.63	82.83
66.0-67.0	494.4	49.7	2635.4	1.59	84.42
67.0-68.0	478.1	48.4	2683.9	1.55	85.97
68.0-69.0	460.4	47.0	2730.9	1.50	87.47
69.0-70.0	440.6	45.3	2776.1	1.45	88.92
70.0-71.0	419.3	43.3	2819.4	1.39	90.31
71.0-72.0	394.2	41.0	2860.4	1.31	91.63

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	755.6	756.1	756.4	757.2	757.3	758.5	758.1	759.7	758.7	758.3
G1.0	755.2	757.3	759.2	761.0	762.8	764.7	765.8	767.6	767.5	766.6
G2.0	755.0	758.4	761.6	765.2	767.9	770.7	773.2	775.4	775.7	775.4
G3.0	754.9	760.1	764.9	769.7	773.4	777.5	780.8	784.1	784.8	784.5
G4.0	755.2	761.9	768.1	774.0	779.2	784.0	788.0	791.9	793.3	793.3
G5.0	755.6	763.6	771.2	778.5	784.6	790.6	795.6	800.1	801.9	801.8
G6.0	756.2	765.8	774.9	783.5	790.7	798.0	803.8	808.7	811.1	811.3
G7.0	756.8	768.1	778.2	788.5	796.6	805.2	811.4	816.7	819.5	820.4
G8.0	757.9	770.7	782.3	793.8	803.1	812.7	819.0	825.9	827.9	829.8
G9.0	759.2	773.7	786.9	799.2	810.1	820.2	827.9	834.2	837.3	838.6
G10.0	760.6	776.8	791.3	804.8	816.7	827.6	835.8	842.5	845.9	848.0
G11.0	762.6	780.2	796.2	811.2	824.0	835.8	844.5	852.1	855.9	857.7
G12.0	764.3	783.6	801.0	817.5	831.0	843.3	852.7	860.1	864.4	866.5
G13.0	766.3	787.2	806.3	823.5	838.5	851.6	860.9	869.0	873.0	875.4
G14.0	768.6	791.3	812.0	830.8	846.5	860.1	870.0	878.3	882.3	885.4
G15.0	771.2	795.3	817.4	837.3	854.2	868.3	878.7	886.3	890.8	893.8
G16.0	773.6	799.9	822.9	844.7	861.7	877.0	887.0	895.3	898.1	902.3
G17.0	777.0	804.3	829.0	851.6	870.2	885.6	895.6	902.8	906.5	910.0
G18.0	779.7	808.6	835.0	858.7	878.1	893.8	903.2	910.0	913.5	917.2
G19.0	783.0	813.5	841.5	866.9	887.2	902.3	911.3	917.4	920.4	924.6
G20.0	786.1	818.3	847.5	874.3	895.3	910.1	918.1	923.5	926.0	930.5
G21.0	788.8	822.9	853.5	882.0	903.2	917.6	925.0	929.5	931.3	935.5
G22.0	792.3	827.8	860.0	890.1	911.9	925.5	931.4	934.7	936.0	940.4
G23.0	795.3	832.4	866.3	897.7	920.2	932.9	936.9	938.9	939.5	943.9
G24.0	798.6	837.8	873.0	906.4	927.8	940.1	941.9	942.6	941.8	947.0
G25.0	802.9	842.7	880.1	913.9	935.9	946.1	946.5	945.1	943.5	948.5
G26.0	807.5	848.7	887.0	921.7	943.2	951.8	950.1	946.5	944.0	948.9
G27.0	812.8	855.6	895.2	930.2	951.1	957.8	953.1	947.1	943.1	948.0
G28.0	817.8	862.0	903.2	938.2	958.2	962.4	954.9	946.5	941.1	945.8
G29.0	823.2	868.9	911.0	946.8	964.9	966.7	956.0	944.5	937.4	942.2
G30.0	828.9	876.3	920.2	956.0	972.4	970.7	956.1	940.8	932.1	936.4
G31.0	834.3	883.3	929.2	964.4	979.3	974.2	955.2	936.1	924.9	929.0
G32.0	839.5	890.6	937.9	974.1	985.7	976.8	953.2	928.8	916.2	919.2
G33.0	845.3	897.3	947.2	982.7	992.2	978.6	949.6	920.8	904.7	908.0
G34.0	851.2	904.5	955.7	991.3	997.8	979.2	945.0	910.9	891.7	895.1
G35.0	857.7	912.7	965.2	1000.4	1003.5	979.3	938.0	898.4	876.1	878.2
G36.0	864.1	921.1	974.1	1008.7	1008.3	978.3	930.0	884.5	859.1	861.7

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:

## 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	870.7	929.3	983.5	1016.2	1012.7	976.0	920.9	869.3	841.3	842.5
G38.0	877.4	938.1	993.8	1024.5	1016.3	972.0	908.9	850.8	820.2	820.8
G39.0	883.2	946.7	1003.1	1032.3	1018.7	966.6	895.5	831.4	798.1	799.3
G40.0	890.0	955.6	1013.8	1040.3	1020.8	958.8	879.1	809.4	773.6	773.0
G41.0	895.9	963.7	1022.9	1047.3	1021.9	950.9	862.2	787.7	750.0	748.5
G42.0	902.0	972.2	1032.0	1054.2	1022.0	941.3	842.7	765.0	723.9	722.9
G43.0	909.1	982.3	1042.7	1061.0	1021.0	928.6	820.9	737.6	695.4	693.4
G44.0	915.1	991.0	1052.2	1066.8	1019.0	915.5	798.0	712.2	667.9	664.1
G45.0	921.6	1001.1	1061.9	1072.1	1015.3	899.2	774.7	681.8	637.7	631.1
G46.0	928.1	1009.9	1072.2	1076.8	1010.2	881.3	748.0	653.8	604.5	597.6
G47.0	934.1	1019.1	1081.4	1080.7	1003.9	862.4	721.4	622.7	570.7	563.9
G48.0	940.7	1028.7	1090.4	1084.1	994.1	839.7	692.0	588.4	534.4	525.7
G49.0	946.5	1037.3	1098.4	1086.5	984.0	816.2	662.7	555.3	502.6	494.6
G50.0	952.7	1046.0	1105.8	1087.4	972.3	792.3	633.2	520.5	471.5	465.2
G51.0	959.0	1055.0	1114.0	1087.1	956.5	762.9	598.6	485.6	440.6	433.3
G52.0	965.9	1064.1	1120.7	1085.3	940.2	736.0	563.7	454.2	412.1	406.4
G53.0	973.7	1074.4	1127.4	1081.0	921.1	703.6	529.4	423.1	386.1	376.2
G54.0	982.3	1085.6	1134.4	1075.9	898.3	673.3	489.8	394.6	357.4	350.5
G55.0	991.0	1096.6	1141.0	1069.7	873.7	640.3	456.9	368.4	333.1	324.8
G56.0	1001.2	1109.7	1148.0	1061.3	845.5	603.5	422.5	339.5	307.3	298.9
G57.0	1012.8	1123.9	1154.7	1052.5	818.0	566.5	390.8	315.3	283.8	275.6
G58.0	1025.4	1139.3	1162.3	1042.2	787.8	529.3	362.4	291.3	262.8	254.8
G59.0	1040.1	1158.3	1171.2	1029.4	754.1	486.2	331.4	267.8	240.5	233.1
G60.0	1052.4	1174.9	1180.3	1015.4	723.2	449.0	305.9	246.8	223.0	216.2
G61.0	1064.4	1192.9	1187.6	998.4	689.8	407.9	280.7	226.8	206.4	199.0
G62.0	1075.9	1208.4	1192.9	980.8	652.8	373.9	256.6	209.2	190.7	185.3
G63.0	1085.3	1221.3	1194.9	959.6	616.0	340.5	234.5	193.8	177.1	172.1
G64.0	1092.7	1232.3	1194.1	930.9	575.4	307.4	213.9	178.2	164.0	159.5
G65.0	1098.1	1239.6	1190.2	902.0	534.0	278.0	195.6	164.4	152.3	148.6
G66.0	1102.8	1245.2	1181.3	868.2	492.2	252.2	178.4	151.8	141.9	137.6
G67.0	1108.4	1252.4	1166.3	826.8	443.6	224.2	161.1	139.5	129.8	126.5
G68.0	1113.7	1259.8	1150.9	785.0	399.4	201.3	147.5	128.4	120.3	116.7
G69.0	1116.4	1268.2	1134.7	738.7	356.0	179.3	134.3	117.0	110.6	106.7
G70.0	1113.4	1273.3	1116.7	693.7	312.8	160.6	121.6	107.3	100.8	97.8
G71.0	1100.1	1271.7	1098.6	650.6	276.4	143.3	110.1	97.9	92.1	88.7
G72.0	1068.6	1254.7	1073.7	604.1	238.6	126.9	98.6	88.2	82.9	79.7
G73.0	1019.8	1219.0	1041.0	559.8	209.4	113.2	88.8	79.2	74.4	71.5

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 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	754.9	754.4	752.9	753.3	752.2	752.1	751.2	753.0	755.6	756.1
G1.0	764.1	762.7	761.7	760.8	759.1	757.6	756.3	756.0	755.9	754.7
G2.0	773.0	771.4	769.7	768.2	766.3	763.7	761.0	759.0	756.3	753.7
G3.0	782.4	781.0	778.7	776.6	773.4	770.3	766.3	762.8	757.0	753.0
G4.0	791.1	789.6	787.5	784.9	781.1	776.9	771.4	766.1	758.3	752.5
G5.0	800.2	798.2	796.0	793.5	788.8	783.2	776.5	770.0	759.8	752.5
G6.0	810.0	808.4	805.6	802.3	796.8	790.2	782.2	773.8	761.5	752.6
G7.0	818.8	817.3	814.3	810.3	804.4	797.0	787.5	777.8	763.4	753.1
G8.0	828.1	827.0	823.7	819.6	812.1	804.4	793.4	782.2	766.1	753.9
G9.0	838.0	836.6	833.3	828.5	820.7	811.3	799.5	786.5	768.7	755.0
G10.0	846.9	845.7	842.5	837.2	828.9	818.8	805.4	790.6	771.7	756.2
G11.0	857.1	855.8	852.7	847.0	838.2	826.7	811.9	795.4	774.9	757.7
G12.0	866.2	865.4	862.2	856.5	846.6	834.1	818.0	800.1	777.8	759.0
G13.0	875.4	875.2	871.7	865.7	855.2	841.9	824.2	804.9	781.3	760.4
G14.0	885.7	885.5	882.6	876.1	864.7	850.3	831.4	810.2	784.7	762.3
G15.0	894.4	894.8	892.3	885.5	873.5	858.0	837.8	815.6	788.1	763.9
G16.0	902.9	904.6	901.9	895.8	883.0	866.6	844.3	821.3	792.2	765.9
G17.0	911.7	913.7	912.0	905.8	892.9	874.7	851.6	826.5	796.0	767.9
G18.0	919.5	922.3	921.1	915.3	902.1	882.8	858.5	831.6	799.9	770.0
G19.0	927.5	931.0	931.2	925.6	912.2	892.2	866.2	837.2	804.4	772.4
G20.0	934.1	938.6	939.8	934.7	921.6	900.6	873.2	842.8	808.4	774.5
G21.0	940.2	945.5	947.9	944.3	930.7	909.1	880.3	848.0	812.9	777.1
G22.0	945.9	952.9	956.4	954.0	941.1	918.6	888.0	853.9	817.2	779.4
G23.0	950.5	958.7	963.6	962.2	950.1	927.3	895.1	859.3	821.3	782.0
G24.0	954.1	964.2	970.8	971.1	958.8	937.3	902.7	865.4	826.0	784.6
G25.0	956.8	968.1	977.3	978.8	968.3	946.0	910.9	871.5	830.6	787.1
G26.0	958.3	971.6	982.7	986.4	977.5	955.2	918.7	877.1	835.1	789.7
G27.0	958.7	974.0	987.9	993.7	986.8	964.5	927.2	883.7	839.9	792.6
G28.0	957.7	975.2	991.7	1000.0	995.2	973.9	935.0	889.6	844.3	795.5
G29.0	955.5	975.3	994.4	1005.5	1003.5	983.1	943.5	896.2	849.4	798.0
G30.0	951.0	973.6	996.4	1011.3	1012.1	992.8	952.5	903.5	853.8	801.4
G31.0	945.5	970.6	997.0	1016.0	1019.8	1002.0	961.1	910.2	858.7	804.2
G32.0	937.6	965.6	996.3	1020.1	1027.3	1011.5	969.7	917.5	863.8	807.5
G33.0	927.2	959.0	994.1	1023.2	1035.0	1020.2	979.2	924.6	868.6	810.7
G34.0	915.8	950.3	990.1	1025.2	1041.1	1028.6	987.8	931.7	873.7	814.0
G35.0	900.5	938.9	984.5	1026.0	1047.2	1038.1	998.1	939.3	879.0	817.7
G36.0	885.0	926.5	977.4	1025.8	1052.1	1045.9	1007.2	946.6	884.2	821.2

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	868.0	911.3	967.9	1023.8	1055.9	1054.2	1016.0	953.9	889.7	825.0
G38.0	846.7	893.3	955.9	1020.0	1059.1	1062.2	1026.1	961.8	895.0	828.8
G39.0	826.0	875.0	943.0	1014.7	1061.3	1069.2	1034.7	969.5	900.3	832.6
G40.0	800.5	852.1	925.8	1006.6	1062.4	1076.7	1044.2	977.9	906.0	837.0
G41.0	776.9	830.1	908.8	997.5	1062.2	1082.5	1053.2	986.0	911.5	840.8
G42.0	751.8	806.5	889.7	986.7	1060.7	1087.9	1062.1	995.1	916.7	844.3
G43.0	723.2	777.9	865.6	972.0	1057.8	1093.1	1072.1	1004.4	923.0	848.7
G44.0	693.9	751.3	842.5	956.7	1053.4	1097.8	1081.6	1013.5	928.4	852.9
G45.0	664.6	719.2	816.5	937.9	1047.8	1102.0	1090.6	1023.8	934.5	857.3
G46.0	629.0	689.8	787.4	917.2	1040.2	1105.2	1100.9	1032.8	939.2	861.4
G47.0	593.7	658.8	759.4	894.3	1031.0	1107.9	1109.3	1041.7	944.5	865.3
G48.0	556.8	622.3	725.9	868.1	1019.4	1109.8	1118.2	1051.3	951.2	869.9
G49.0	520.9	585.1	694.8	842.7	1007.0	1110.8	1126.3	1059.9	957.5	875.2
G50.0	489.0	546.4	662.3	813.9	992.1	1110.5	1133.0	1069.6	964.9	880.5
G51.0	454.5	507.2	622.6	782.3	973.8	1108.6	1140.5	1080.5	973.4	887.2
G52.0	425.5	472.2	585.3	750.6	954.3	1105.4	1146.5	1091.4	981.8	893.4
G53.0	396.5	437.8	544.8	716.2	933.7	1099.6	1152.4	1103.8	991.8	900.4
G54.0	367.0	406.7	502.2	681.3	906.7	1092.7	1159.2	1114.5	1001.8	907.3
G55.0	340.9	378.3	465.8	646.2	880.9	1083.4	1164.6	1126.4	1013.1	914.3
G56.0	312.3	348.5	427.1	606.0	849.5	1071.2	1169.7	1140.6	1025.6	922.5
G57.0	288.7	321.3	395.1	565.3	817.4	1057.6	1173.6	1153.7	1036.6	929.6
G58.0	265.5	296.4	363.5	525.6	785.0	1042.2	1177.4	1168.7	1049.6	936.3
G59.0	243.3	270.0	332.5	479.8	746.3	1023.0	1180.9	1184.8	1062.1	943.4
G60.0	224.0	247.5	304.8	439.0	711.3	1002.5	1184.6	1200.1	1075.5	949.1
G61.0	207.5	226.5	280.0	399.0	673.6	978.4	1188.2	1216.3	1088.9	954.7
G62.0	190.9	209.0	253.9	364.7	632.5	955.3	1191.1	1232.9	1101.5	958.0
G63.0	177.4	192.3	232.9	330.7	591.4	930.9	1192.6	1248.0	1113.4	959.0
G64.0	163.4	176.7	210.9	298.6	547.7	900.6	1192.1	1265.5	1125.6	957.0
G65.0	151.9	162.5	193.1	269.5	505.0	869.9	1189.5	1279.7	1134.9	952.0
G66.0	140.6	150.3	175.7	242.4	463.7	838.0	1185.5	1292.8	1143.7	942.9
G67.0	128.9	137.3	158.5	217.0	415.5	798.1	1176.1	1302.4	1148.1	926.9
G68.0	119.3	126.2	144.1	194.7	375.2	758.8	1162.8	1305.6	1148.0	906.2
G69.0	109.4	114.7	131.5	172.6	334.9	715.1	1141.7	1299.0	1138.2	874.0
G70.0	99.5	105.0	118.1	154.7	294.8	671.5	1112.3	1281.2	1117.4	836.5
G71.0	90.8	95.8	107.0	137.8	259.3	627.3	1075.7	1245.7	1081.6	787.7
G72.0	81.1	86.0	95.4	120.8	224.8	574.8	1023.5	1186.9	1024.8	722.9
G73.0	73.0	76.9	85.6	107.2	195.4	525.0	963.7	1113.1	960.9	656.5

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	756.4	757.2	757.3	758.5	758.1	759.7	758.7	758.3	754.9	754.4
G1.0	753.8	753.0	752.5	752.2	751.1	751.3	750.3	749.3	746.6	745.4
G2.0	751.3	749.0	747.4	746.1	744.5	743.8	742.3	740.8	738.4	737.5
G3.0	748.9	745.3	742.3	739.8	737.3	735.5	733.7	731.9	728.9	728.5
G4.0	747.0	741.7	737.8	734.1	730.4	728.4	725.8	723.8	720.8	720.8
G5.0	745.4	738.7	733.1	728.5	724.0	721.3	718.1	715.6	712.4	713.0
G6.0	743.8	735.5	728.5	722.5	716.9	713.4	709.5	707.0	703.7	704.7
G7.0	742.5	732.6	724.1	717.3	710.6	706.1	702.0	699.2	695.7	697.0
G8.0	741.8	730.0	719.9	711.6	703.5	698.5	693.5	690.4	686.9	688.5
G9.0	741.2	727.7	715.8	706.7	697.5	691.0	686.0	682.4	679.0	681.1
G10.0	740.8	725.8	712.2	701.5	691.1	683.9	678.0	674.7	671.0	673.7
G11.0	740.3	723.7	708.0	696.2	684.4	676.1	669.6	665.4	661.8	664.9
G12.0	740.1	722.0	704.7	691.4	677.7	668.7	661.4	657.1	653.5	657.3
G13.0	739.8	720.0	700.7	686.3	670.8	661.2	652.5	648.1	643.8	649.4
G14.0	739.7	717.9	697.4	680.5	664.2	652.5	643.8	638.9	635.4	640.1
G15.0	739.7	716.3	694.0	675.0	657.3	644.9	635.4	629.8	626.4	631.9
G16.0	739.6	714.4	690.2	669.0	649.7	636.0	626.0	620.6	616.8	622.7
G17.0	739.8	712.6	686.5	663.3	642.7	628.2	618.1	611.8	608.5	614.2
G18.0	739.9	710.8	682.8	657.6	635.8	620.3	609.6	603.5	599.8	606.4
G19.0	740.3	709.0	678.7	651.3	628.1	612.0	600.5	594.7	590.8	597.8
G20.0	740.6	707.2	674.6	645.3	621.3	604.3	592.8	586.2	582.7	589.8
G21.0	741.0	705.3	670.2	639.5	613.7	596.8	583.9	577.8	573.6	581.8
G22.0	741.4	703.2	665.9	633.3	606.9	588.3	576.0	568.8	565.5	573.3
G23.0	742.0	701.5	661.7	627.2	600.0	580.5	567.6	560.2	556.8	564.8
G24.0	742.4	699.2	657.2	620.9	592.2	571.7	558.3	550.7	547.2	555.5
G25.0	742.9	697.4	653.2	615.1	585.0	563.7	549.4	541.7	538.6	546.8
G26.0	743.5	695.4	649.1	609.3	578.1	555.3	540.8	532.5	529.5	538.4
G27.0	744.1	693.4	644.6	603.1	570.2	545.9	530.9	522.7	519.4	528.8
G28.0	744.7	691.6	640.6	597.0	562.9	537.5	521.7	513.3	509.9	520.0
G29.0	745.4	689.7	636.4	591.3	554.9	528.5	511.6	503.9	499.9	511.2
G30.0	746.3	687.7	632.7	584.8	547.0	519.2	501.9	493.2	490.4	501.2
G31.0	747.1	686.1	628.9	579.0	539.4	510.0	492.6	483.7	480.7	492.7
G32.0	748.3	684.5	624.7	572.2	530.4	500.1	481.7	472.7	469.9	483.0
G33.0	749.5	683.2	621.0	565.9	521.9	491.1	471.4	462.5	460.5	474.0
G34.0	750.7	682.0	617.3	560.1	513.9	481.8	461.8	452.6	450.6	465.3
G35.0	752.1	680.9	613.3	553.2	505.1	471.9	450.6	441.1	440.2	455.7
G36.0	753.4	679.8	609.4	546.9	496.6	462.3	441.0	430.8	430.3	446.9

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	754.8	678.7	605.4	540.5	487.3	452.8	429.7	420.6	419.7	437.7
G38.0	756.2	677.6	601.6	533.2	479.2	442.6	419.4	409.3	409.5	427.6
G39.0	757.9	676.5	597.7	526.8	470.8	433.0	409.3	398.8	399.9	418.7
G40.0	759.7	675.3	593.7	519.4	461.4	422.6	397.9	387.9	389.0	408.5
G41.0	761.4	674.0	589.7	512.8	452.9	412.6	387.7	377.4	379.1	399.1
G42.0	762.9	673.0	586.0	506.0	444.2	402.6	377.3	367.3	369.3	390.1
G43.0	764.6	671.9	581.3	498.7	434.6	391.8	366.2	356.0	358.7	379.5
G44.0	766.6	670.9	577.2	492.4	425.7	381.7	355.5	345.9	348.8	370.5
G45.0	768.8	669.9	572.9	485.5	416.0	371.3	344.2	335.4	338.6	361.1
G46.0	771.0	668.5	568.3	478.2	407.3	360.3	334.4	324.6	328.8	351.1
G47.0	772.8	667.2	563.6	471.2	397.6	350.4	324.1	314.4	319.3	341.8
G48.0	775.3	666.0	558.4	463.7	387.7	338.9	313.1	303.6	308.6	331.8
G49.0	777.3	664.8	553.6	456.4	377.9	328.3	302.5	294.0	299.6	322.4
G50.0	779.8	663.5	548.6	449.2	368.8	318.4	292.9	284.2	290.2	313.3
G51.0	782.8	661.7	543.0	440.6	358.4	307.1	281.9	274.3	281.0	304.0
G52.0	785.9	659.9	537.9	432.2	349.2	297.4	271.9	265.2	271.9	295.3
G53.0	789.0	658.5	531.6	423.0	338.6	286.4	261.8	255.7	263.1	286.2
G54.0	791.9	656.7	525.6	413.8	328.8	276.3	252.4	247.2	254.9	277.8
G55.0	794.0	654.5	518.1	403.9	319.2	266.8	243.1	238.6	246.7	269.2
G56.0	796.3	651.1	509.4	393.1	307.9	256.0	233.8	229.9	238.1	260.7
G57.0	797.5	646.8	501.4	382.5	297.6	247.0	224.9	222.0	230.7	252.3
G58.0	797.0	641.0	492.2	372.2	286.4	237.6	216.0	214.7	222.9	244.5
G59.0	795.4	633.0	482.6	360.2	276.2	227.3	207.6	206.3	215.3	235.5
G60.0	791.8	623.1	471.3	349.4	265.7	218.6	199.9	198.8	208.1	227.9
G61.0	785.5	610.6	457.9	335.8	253.9	208.4	191.0	191.0	200.5	219.1
G62.0	776.3	597.2	443.7	322.7	243.7	199.8	183.5	184.2	193.2	211.6
G63.0	764.2	580.4	428.5	309.7	233.0	190.8	175.6	176.9	186.2	203.6
G64.0	746.1	558.7	409.2	295.3	221.6	181.6	167.3	169.0	178.1	195.1
G65.0	725.2	536.7	390.8	280.7	210.6	173.1	159.3	162.0	170.8	186.5
G66.0	698.8	512.0	367.7	266.5	198.8	164.5	150.8	154.8	162.0	178.3
G67.0	669.8	480.3	345.7	249.2	187.2	154.9	143.1	146.5	154.2	168.6
G68.0	634.1	448.2	322.1	233.2	176.0	145.4	134.9	138.7	145.9	159.2
G69.0	590.9	411.8	293.6	214.3	162.9	135.1	126.1	129.7	136.3	148.1
G70.0	543.2	374.1	266.4	196.2	151.4	126.0	117.4	121.0	127.3	138.1
G71.0	492.9	337.1	239.8	179.2	139.8	116.5	108.3	111.9	117.5	127.3
G72.0	432.8	294.4	210.5	159.2	126.5	106.0	98.0	100.8	106.3	115.0
G73.0	380.5	256.4	186.4	142.0	114.0	96.3	86.9	87.7	94.0	103.7

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:



## Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C310.0	C320.0	C330.0	C340.0	C350.0	C360.0			
G0.0	752.9	753.3	752.2	752.1	751.2	753.0	755.6			
G1.0	745.5	745.8	745.9	746.7	747.0	749.6	755.2			
G2.0	737.9	739.1	740.2	741.9	743.7	746.5	755.0			
G3.0	729.7	731.6	734.0	737.0	739.7	743.7	754.9			
G4.0	722.5	725.2	728.5	732.5	736.8	741.7	755.2			
G5.0	714.9	719.0	723.4	728.9	734.2	740.1	755.6			
G6.0	707.4	712.3	717.8	724.8	731.7	738.8	756.2			
G7.0	700.3	706.3	713.2	721.1	729.7	738.1	756.8			
G8.0	693.0	699.9	707.9	717.3	727.5	737.8	757.9			
G9.0	686.1	693.9	702.9	713.6	725.3	737.8	759.2			
G10.0	679.1	688.1	698.0	709.8	723.2	737.7	760.6			
G11.0	671.7	681.4	692.6	706.0	721.0	737.4	762.6			
G12.0	664.8	675.4	687.6	702.9	719.5	737.0	764.3			
G13.0	656.7	669.3	682.6	699.8	718.1	737.3	766.3			
G14.0	649.5	662.2	678.0	696.8	717.2	737.9	768.6			
G15.0	641.9	656.2	673.7	694.1	716.3	738.7	771.2			
G16.0	633.6	649.0	668.8	691.4	715.4	739.8	773.6			
G17.0	625.7	642.8	664.5	689.0	714.7	741.1	777.0			
G18.0	617.7	636.5	660.1	686.5	714.0	742.6	779.7			
G19.0	609.8	629.9	655.1	683.8	713.6	744.1	783.0			
G20.0	602.2	623.6	650.8	681.5	713.4	745.7	786.1			
G21.0	594.6	617.8	645.9	679.3	713.3	747.5	788.8			
G22.0	587.0	611.1	641.6	677.0	713.5	749.8	792.3			
G23.0	579.7	605.1	637.3	675.1	713.7	751.8	795.3			
G24.0	571.8	598.4	632.6	672.9	714.2	754.3	798.6			
G25.0	564.7	592.8	628.3	670.9	714.6	756.9	802.9			
G26.0	557.3	586.9	624.4	668.9	715.1	759.8	807.5			
G27.0	549.2	580.5	620.0	667.0	715.9	762.8	812.8			
G28.0	542.1	574.6	616.3	665.4	716.7	765.5	817.8			
G29.0	533.8	568.8	612.1	663.7	717.7	768.4	823.2			
G30.0	526.3	562.5	608.4	662.0	718.6	771.7	828.9			
G31.0	519.0	556.9	604.9	660.7	719.9	775.0	834.3			
G32.0	510.6	550.4	600.9	659.3	721.5	778.4	839.5			
G33.0	503.3	544.7	597.3	658.3	722.9	782.0	845.3			
G34.0	495.4	538.8	593.6	657.2	724.6	785.4	851.2			
G35.0	487.2	532.0	589.5	656.2	726.5	789.6	857.7			
G36.0	479.1	526.1	586.1	655.4	728.5	793.6	864.1			

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 10)

Unit: cd

G\C	C300.0	C310.0	C320.0	C330.0	C340.0	C350.0	C360.0			
G37.0	470.1	519.8	582.1	654.8	730.8	797.8	870.7			
G38.0	462.1	512.9	578.4	654.2	732.9	802.6	877.4			
G39.0	453.6	506.2	575.0	653.6	735.5	807.2	883.2			
G40.0	444.6	499.0	571.0	653.3	738.6	812.3	890.0			
G41.0	436.0	492.0	567.3	652.8	741.4	817.2	895.9			
G42.0	427.6	485.0	563.5	652.5	744.2	822.4	902.0			
G43.0	418.0	477.2	559.5	652.0	747.1	827.6	909.1			
G44.0	409.1	470.7	555.8	651.5	750.1	832.7	915.1			
G45.0	399.7	463.8	551.5	651.1	752.9	837.7	921.6			
G46.0	391.3	456.8	547.7	650.6	755.3	843.4	928.1			
G47.0	382.5	449.9	543.7	649.7	757.5	848.3	934.1			
G48.0	372.8	442.5	538.9	648.3	759.9	853.8	940.7			
G49.0	364.4	435.5	534.3	647.2	762.0	858.6	946.5			
G50.0	355.7	428.7	529.5	645.9	764.0	863.5	952.7			
G51.0	346.4	420.6	523.8	644.2	766.1	869.0	959.0			
G52.0	337.5	413.0	518.5	642.2	767.6	873.8	965.9			
G53.0	328.1	404.5	511.9	639.6	768.6	878.8	973.7			
G54.0	319.7	396.2	505.2	636.3	769.0	882.8	982.3			
G55.0	311.4	387.8	498.4	632.2	769.0	886.4	991.0			
G56.0	302.3	378.4	490.2	626.6	768.1	890.2	1001.2			
G57.0	293.9	369.9	481.8	620.2	766.5	893.5	1012.8			
G58.0	284.6	360.5	471.7	612.7	763.9	896.1	1025.4			
G59.0	276.3	350.0	461.0	602.5	760.4	899.0	1040.1			
G60.0	267.3	340.2	449.3	591.7	755.7	901.0	1052.4			
G61.0	257.7	328.3	435.6	579.0	749.3	903.4	1064.4			
G62.0	248.4	317.7	420.9	566.0	741.6	905.5	1075.9			
G63.0	239.3	305.8	405.0	550.5	732.5	907.7	1085.3			
G64.0	228.9	292.7	388.1	531.8	719.9	909.0	1092.7			
G65.0	219.6	279.2	371.1	513.6	706.4	909.1	1098.1			
G66.0	208.8	265.3	351.6	492.0	687.5	908.2	1102.8			
G67.0	197.7	249.0	332.6	467.4	667.3	904.8	1108.4			
G68.0	186.6	234.6	313.7	442.5	641.7	897.7	1113.7			
G69.0	174.2	217.9	292.0	412.0	607.7	882.5	1116.4			
G70.0	162.1	202.6	270.6	381.7	568.1	858.4	1113.4			
G71.0	148.6	186.0	249.7	350.1	524.0	826.0	1100.1			
G72.0	133.3	167.9	225.6	312.2	468.8	775.8	1068.6			
G73.0	120.1	150.9	202.6	278.5	417.1	717.4	1019.8			

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 11)

Unit: cd

G\c	C300.0	C310.0	C320.0	C330.0	C340.0	C350.0	C360.0			
G74.0	105.8	134.7	178.1	243.9	358.8	652.5	956.5			
G75.0	93.2	118.1	154.3	207.8	308.8	567.9	866.0			
G76.0	80.6	102.3	132.4	178.2	259.4	489.3	775.5			
G77.0	68.3	86.6	110.1	147.9	211.7	401.9	671.1			
G78.0	57.6	72.1	92.1	122.8	175.6	324.9	560.7			
G79.0	48.1	59.6	75.5	100.8	142.8	258.5	455.8			
G80.0	38.2	47.1	58.6	81.4	113.6	194.3	358.6			
G81.0	29.8	36.2	42.5	65.3	90.8	150.4	278.5			
G82.0	22.8	27.7	31.6	51.5	71.0	115.0	210.7			
G83.0	18.0	20.8	25.4	39.1	57.3	86.7	152.2			
G84.0	14.2	17.0	21.4	31.4	47.3	66.9	110.3			
G85.0	11.6	14.3	18.8	26.6	39.3	54.1	86.1			
G86.0	10.3	13.2	17.7	24.3	33.4	47.1	74.8			
G87.0	9.6	13.2	17.1	22.1	31.2	44.0	70.0			
G88.0	9.6	12.8	15.9	20.5	29.0	45.0	64.3			
G89.0	9.6	12.5	15.3	20.0	28.0	46.2	55.6			
G90.0	9.6	12.1	14.8	20.0	26.6	44.4	33.4			

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: