



Report No.:

Test Time:

## Luminaire Property

Luminaire Manufacturer: NINGBO OUTLUX  
 Luminaire Category: LED Linear highbay  
 Lamp Catalog: SMD  
 Current: 0.229 A  
 Power Factor: 0.956

Luminaire Description: H018E-50W (ML40-145)  
 Voltage: 229.7 V  
 Power: 50.31 W

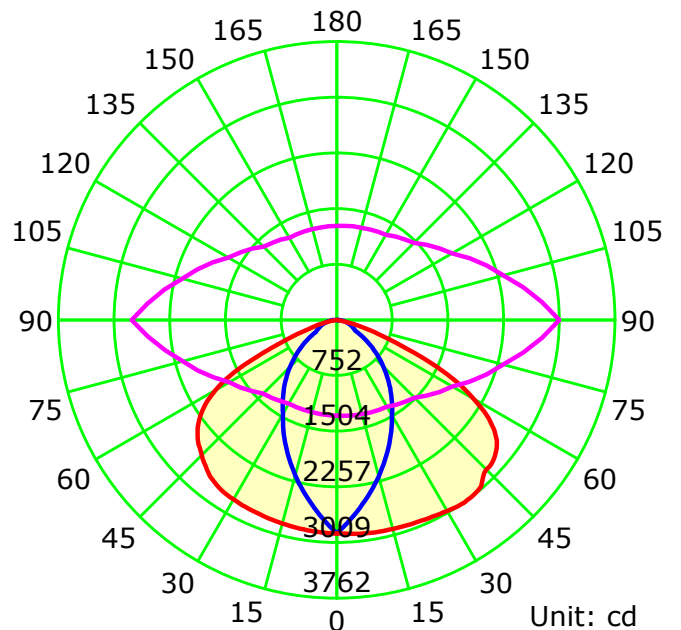
## Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 5219.9 lm
Measurement Flux: 5219.9 lm	Efficiency: 100%
Downward Ratio: 100%	Upward Ratio: 0%
Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 124.1, 149.2, 129.0, 128.9	
Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 61.8, 128.1, 70.1, 69.9	
Luminaire Efficacy Rating (LER): 103.80	Central Intensity: 2886.1 cd
Max. Intensity: 3009.79 cd	Pos of Max. Intensity: H90 V35
S/MH(C0/C180): 0.83	S/MH(C90/C270): 1.53

Picture Of Luminaire



Luminous Intensity Distribution Curve



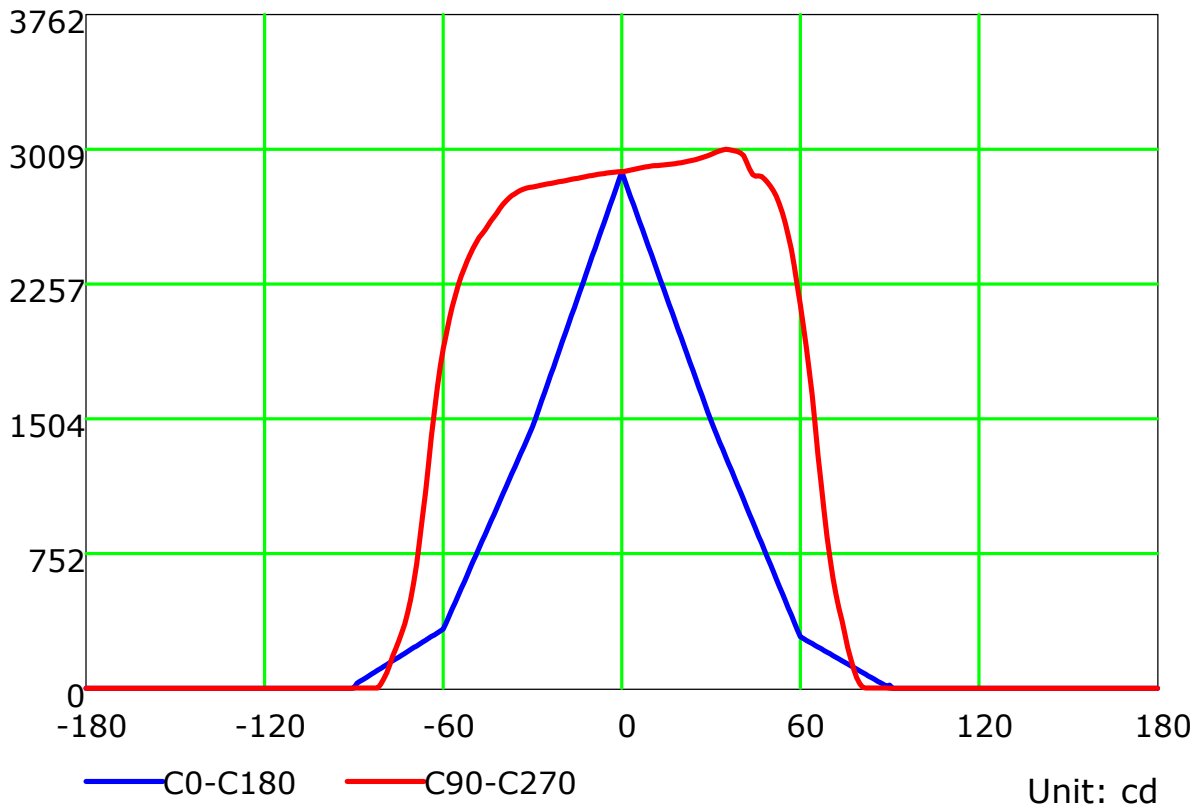
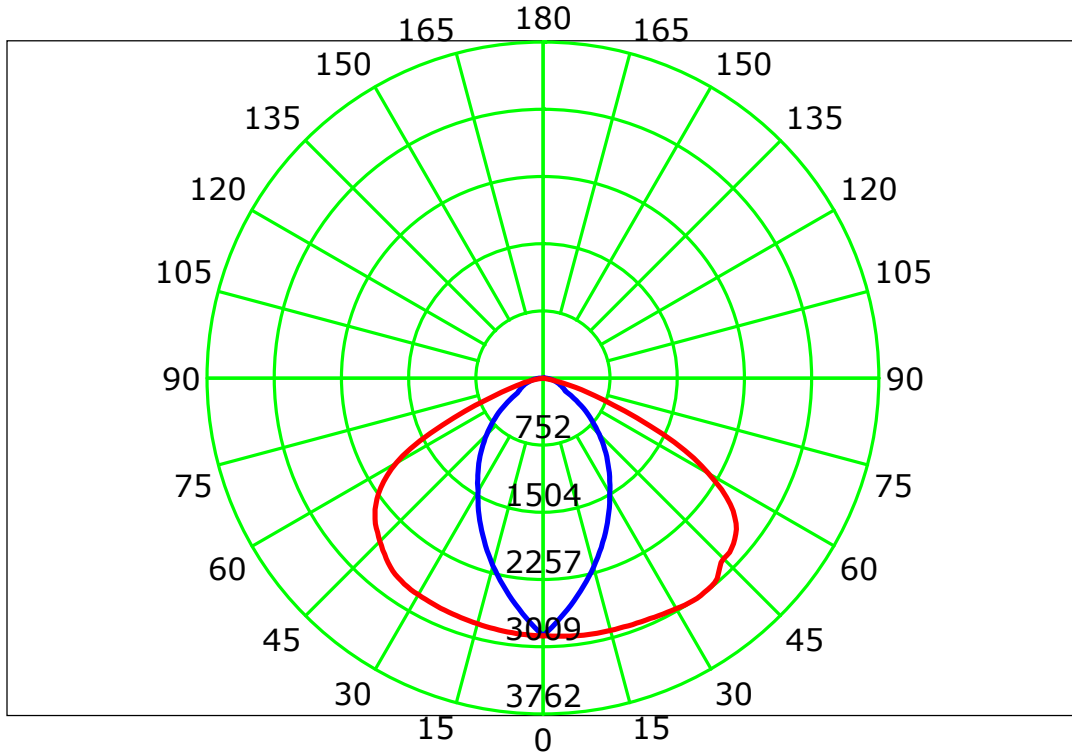
— C0-C180 — C90-C270 — G35

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



## Luminous Intensity Distribution Curve

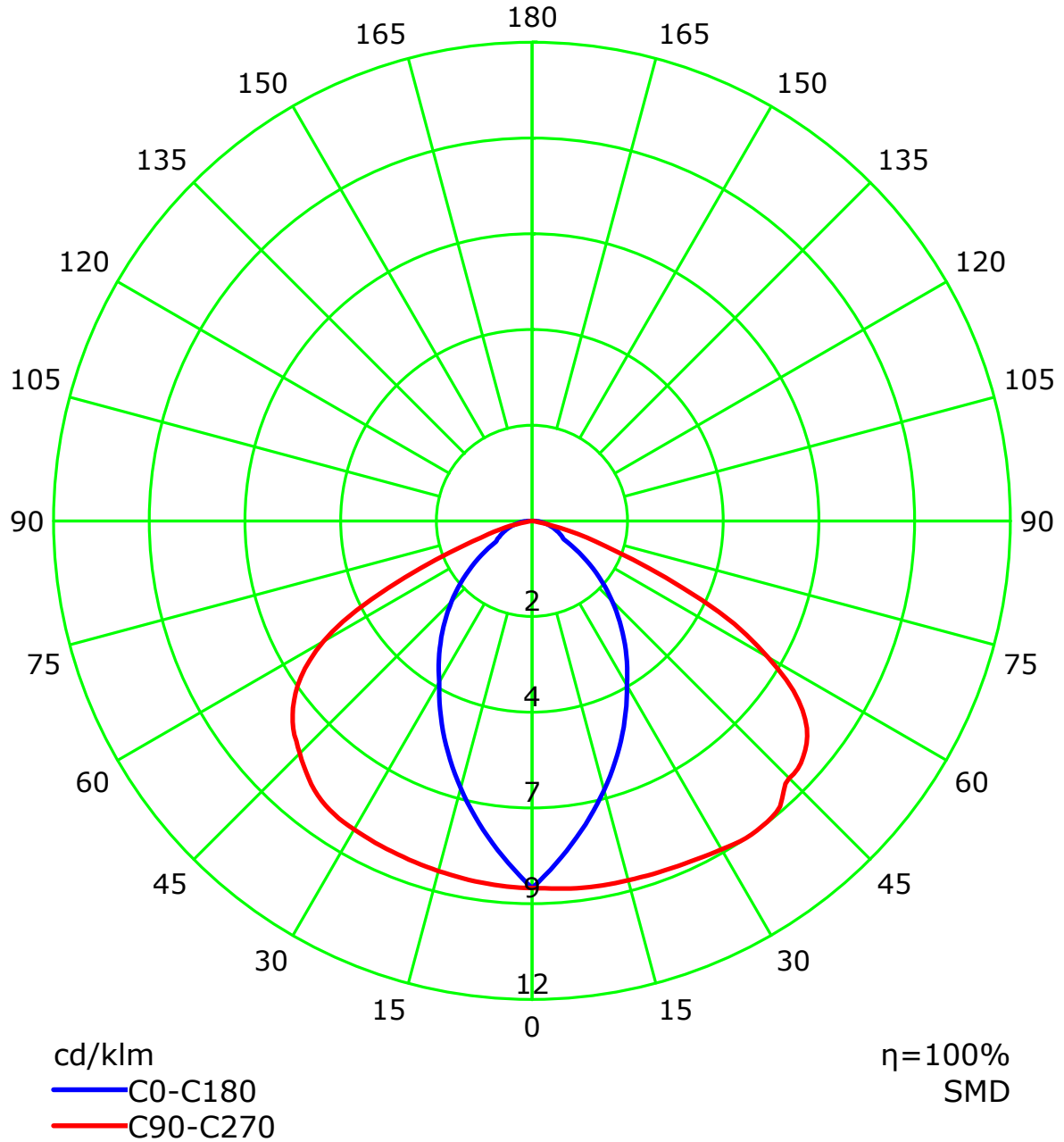


C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



## Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 15.0  
Test Lab: OUTLUX  
Test Type: TYPE C  
Temperature:  
Operator:

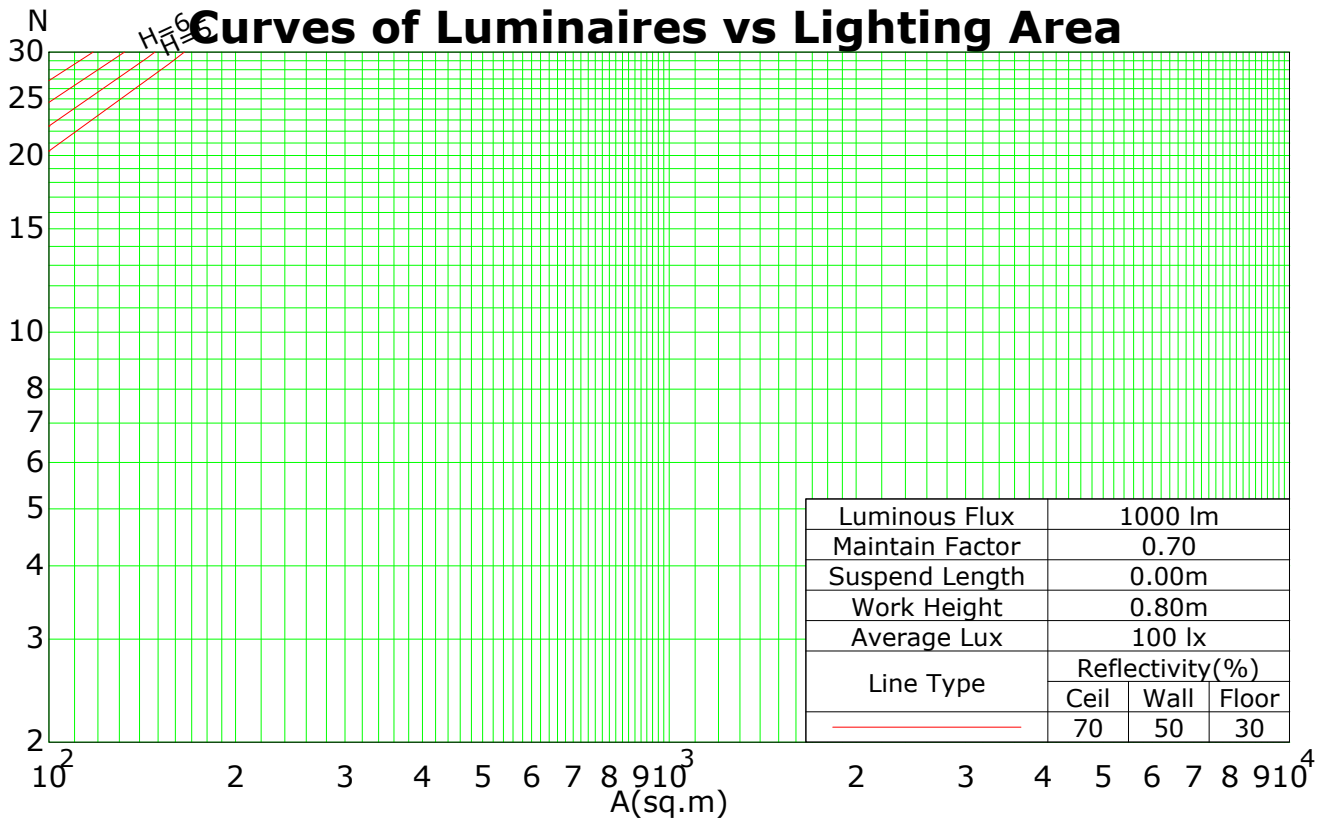
Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600  
Distance: 6.811 m  
Humidity:  
Inspector:



## 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
RCCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	106	103	99	108	104	101	98	100	97	95	96	94	92	93	91	89	87
2	102	95	89	84	99	93	87	83	89	85	81	86	82	79	83	80	77	75
3	94	85	78	72	92	83	77	71	80	75	70	78	73	69	75	71	68	66
4	87	76	68	62	85	75	68	62	72	66	61	70	65	60	68	63	60	58
5	80	69	61	55	78	68	60	54	66	59	54	64	58	53	62	57	53	51
6	75	63	54	49	73	62	54	48	60	53	48	58	52	48	57	51	47	45
7	70	57	49	44	68	56	49	43	55	48	43	54	47	43	52	47	42	41
8	65	53	45	39	64	52	44	39	51	44	39	49	43	39	48	43	39	37
9	61	49	41	36	60	48	41	36	47	40	35	46	40	35	45	39	35	33
10	57	45	38	33	56	45	37	33	44	37	33	43	37	32	42	36	32	31

Spacing Criteria (0-180): 0.83  
 Spacing Criteria (90-270): 1.53  
 Spacing Criteria (Diagonal): 1.04

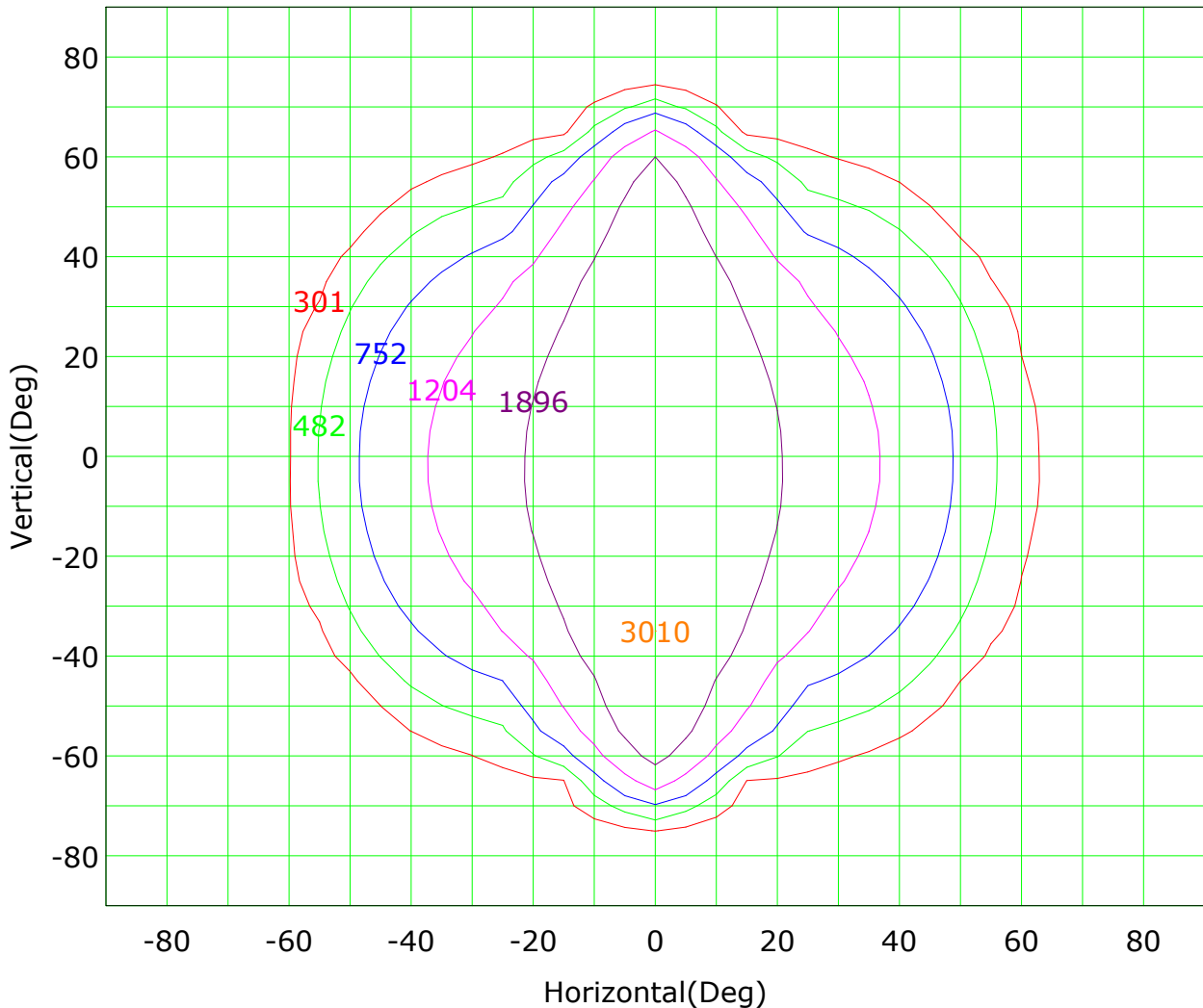


C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



## Isocandela (rectangle)



Imax (100%): 3010 cd

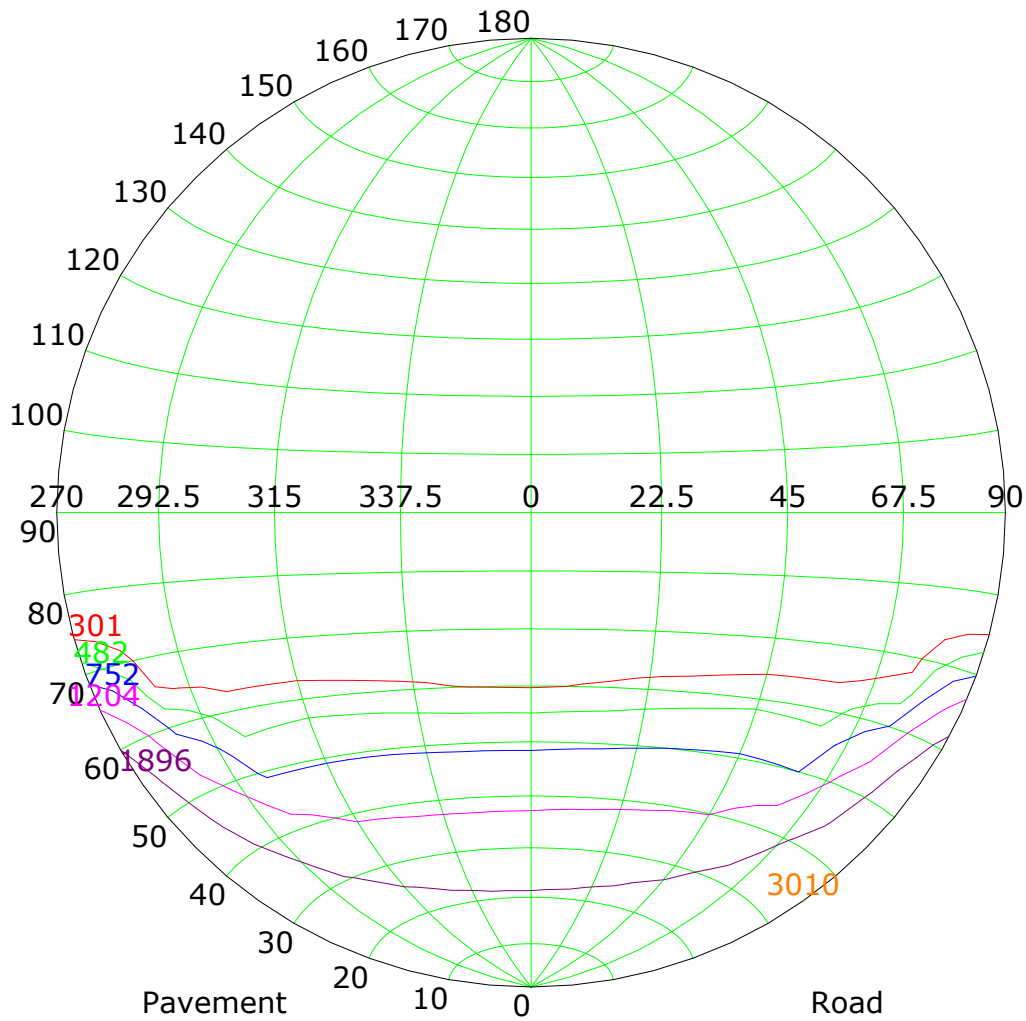
- |                   |                   |
|-------------------|-------------------|
| — ( 10%): 301 cd  | — ( 16%): 482 cd  |
| — ( 25%): 752 cd  | — ( 40%): 1204 cd |
| — ( 63%): 1896 cd | — (100%): 3010 cd |

C Plane (°):0.0-360.0: 15.0  
Test Lab: OUTLUX  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1600  
Distance: 6.811 m  
Humidity:  
Inspector:



### Isocandela (sphere)



Imax (100%): 3010 cd

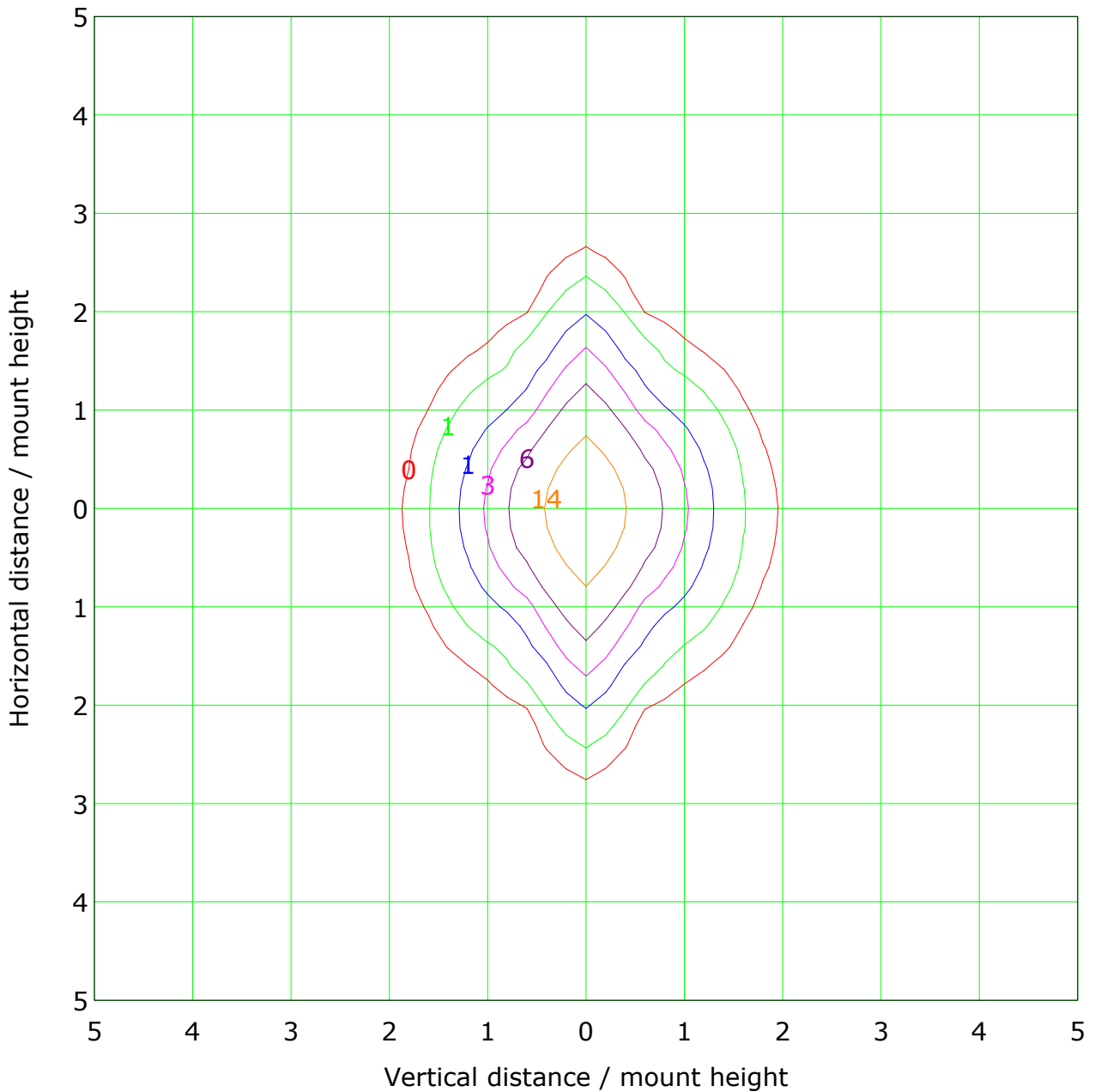
- ( 10%): 301 cd
- ( 16%): 482 cd
- ( 25%): 752 cd
- ( 40%): 1204 cd
- ( 63%): 1896 cd
- (100%): 3010 cd

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



# IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 28.9 lx	
— ( 1%):	0.3 lx	— ( 2%):	0.6 lx
— ( 5%):	1.4 lx	— ( 10%):	2.9 lx
— ( 20%):	5.8 lx	— ( 50%):	14.4 lx
— (100%):	28.9 lx		

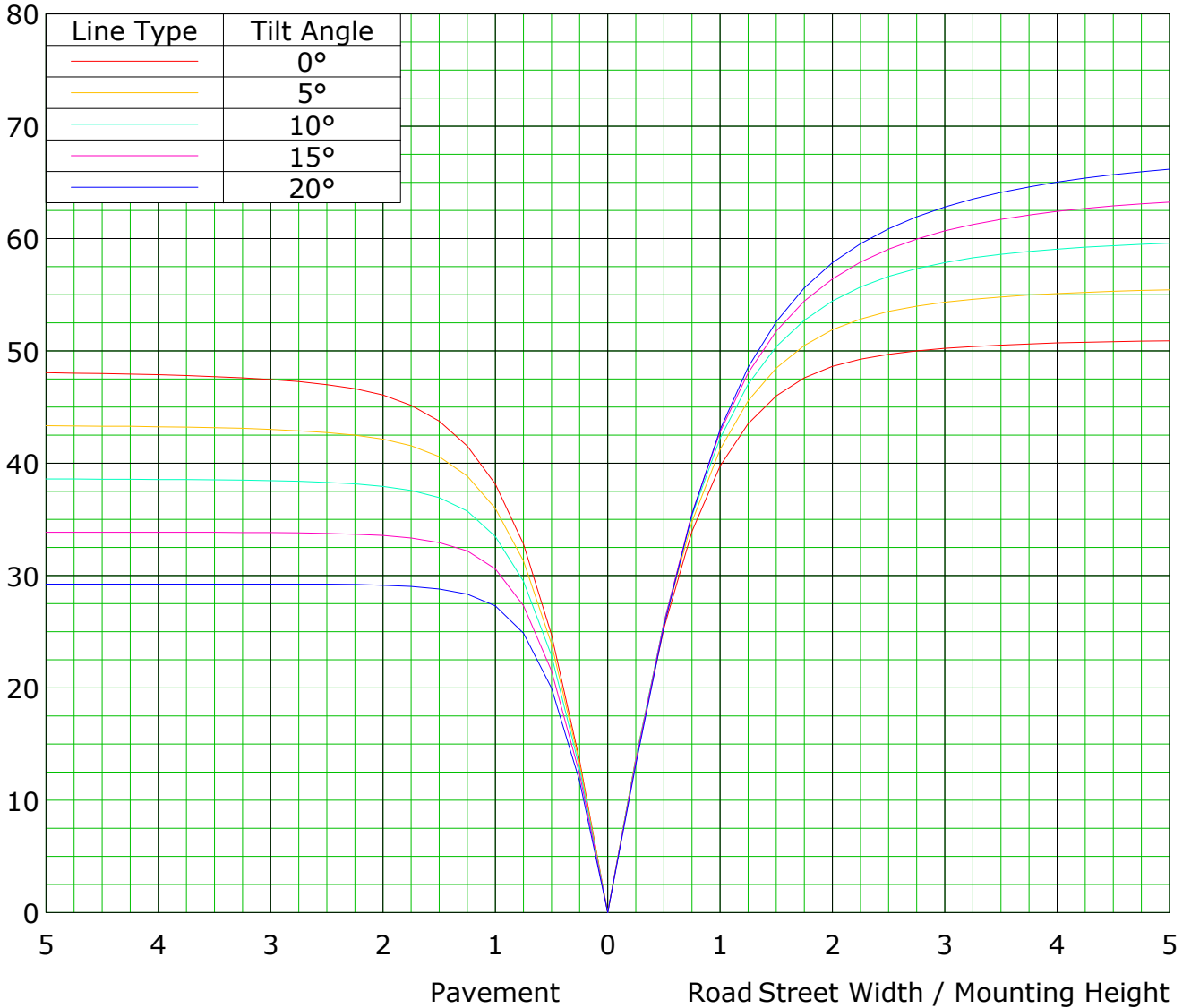
C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



## Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:

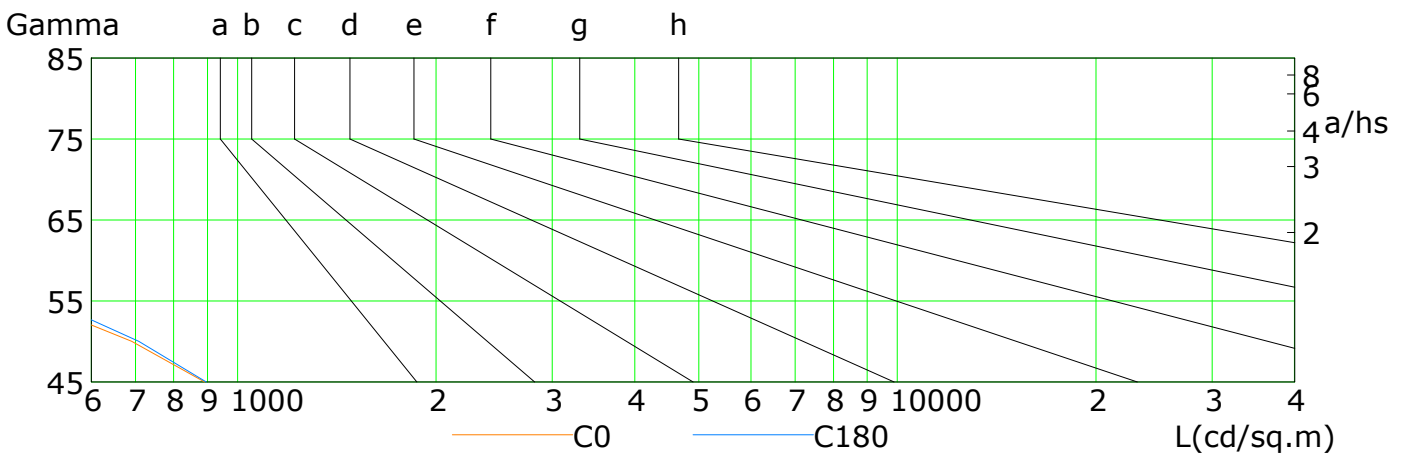
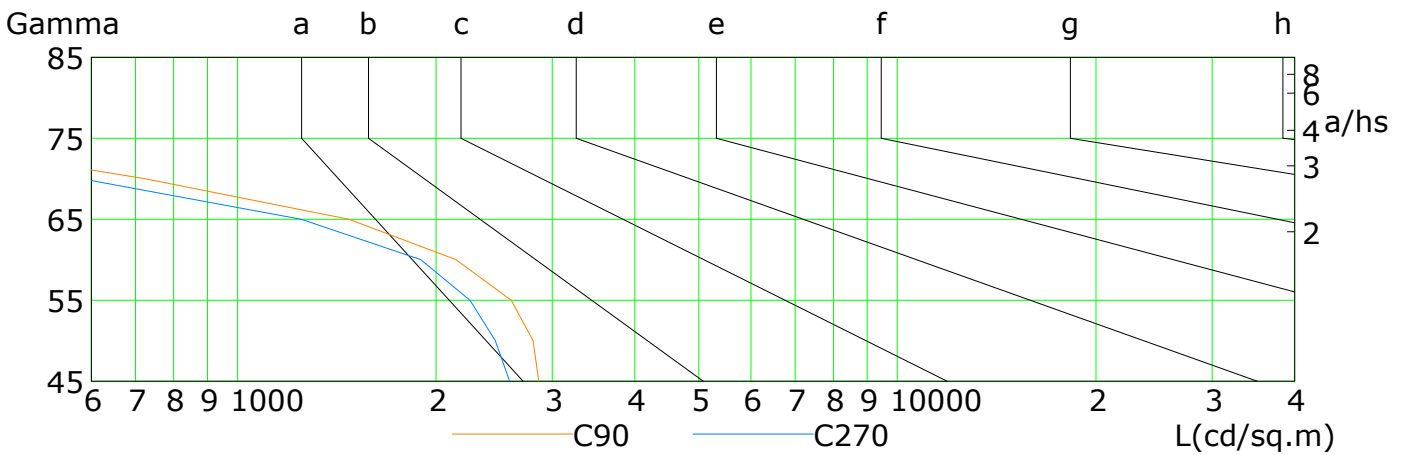




## Lum Limit Curve

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	892	691	490	289	241	193	146	98	50
C90	2860	2803	2599	2142	1475	723	305	25	2
C180	896	708	520	331	279	227	175	123	71
C270	2585	2457	2250	1895	1249	582	264	54	2

C Plane (°):0.0-360.0: 15.0

Test Lab: OUTLUX

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600

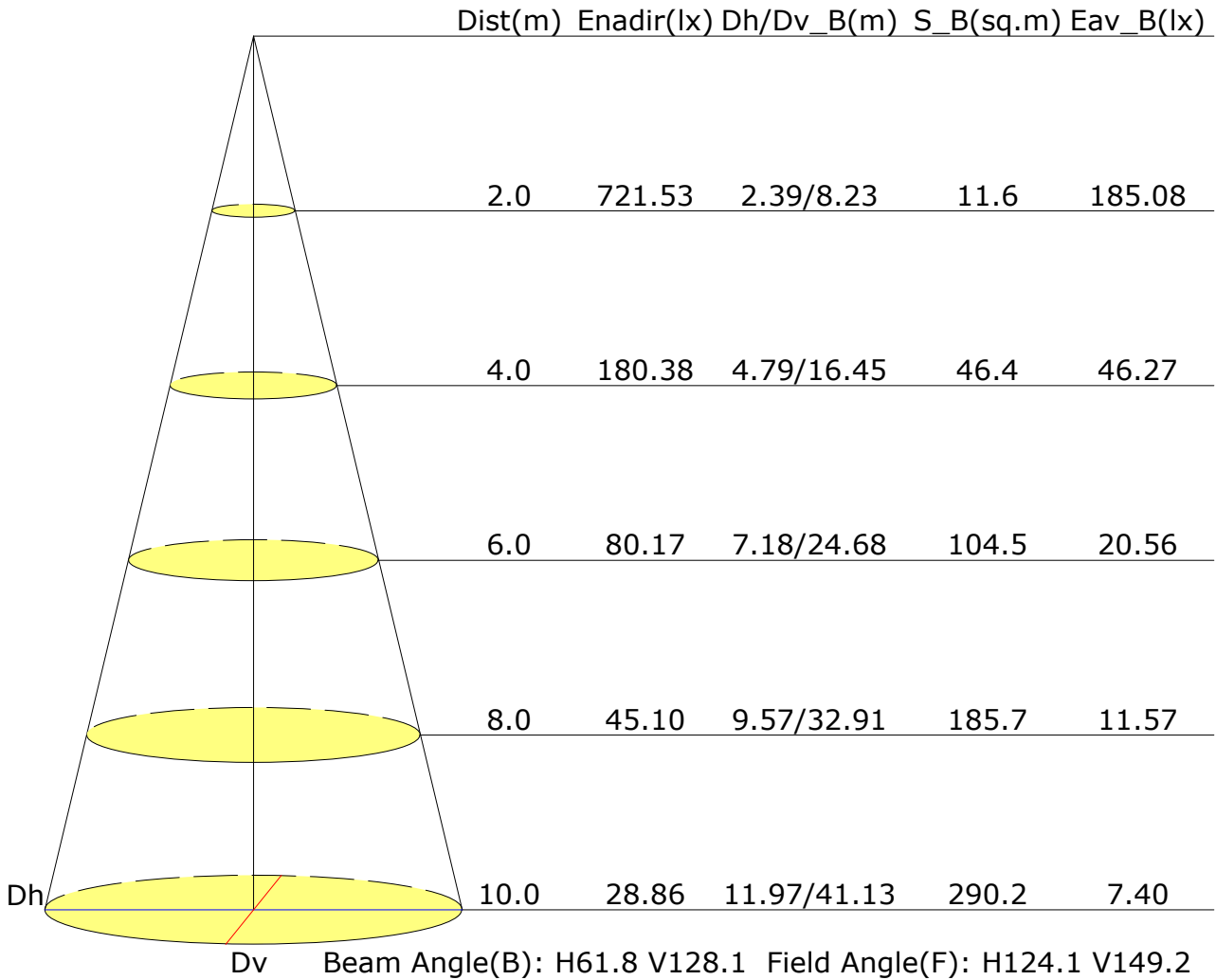
Distance: 6.811 m

Humidity:

Inspector:



## Illuminance at a Distance

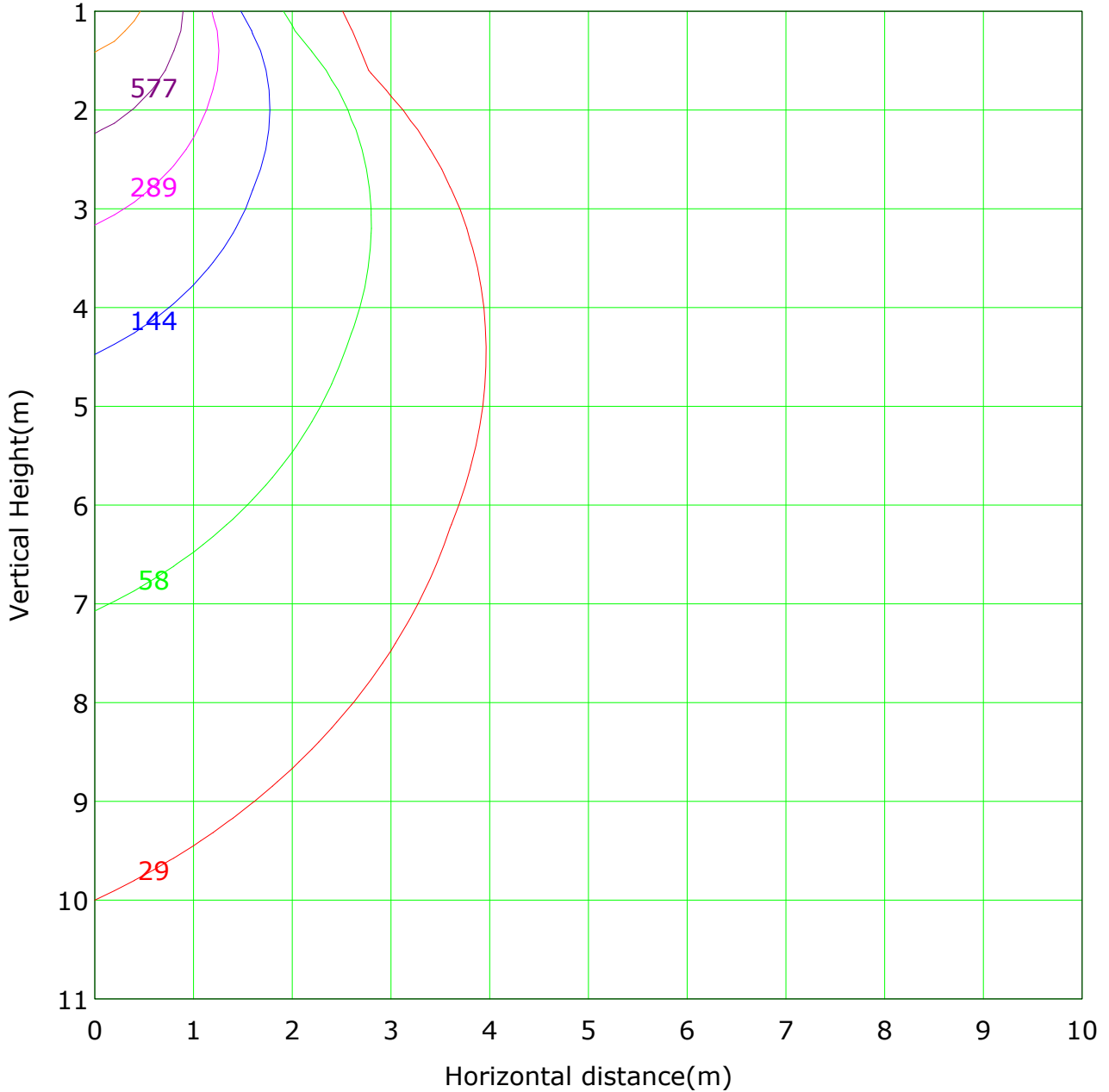


C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



### Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 2886.1 lx  
 — ( 1%): 28.9 lx                      — ( 2%): 57.7 lx  
 — ( 5%): 144.3 lx                      — ( 10%): 288.6 lx  
 — ( 20%): 577.2 lx                     — ( 50%): 1443.1 lx  
 — (100%): 2886.1 lx

C Plane (°):0.0-360.0: 15.0

Test Lab: OUTLUX

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600

Distance: 6.811 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)	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0
-90	0.0	0.2	0.4	0.6	0.8	1.0	1.1	1.1	0.6	0.6	1.1	1.0	0.9	0.7	0.5	0.3	0.3	0.1	0.0	0.0
-80	0.1	0.4	1.0	1.6	2.1	2.7	3.4	4.6	7.1	7.2	4.7	3.2	2.4	1.8	1.3	0.7	0.7	0.3	0.1	0.0
-70	0.1	0.6	1.5	2.5	3.5	4.8	6.7	10.5	27.6	27.7	10.6	6.3	4.4	3.1	2.1	1.2	0.5	0.1	0.1	0.0
-60	0.2	0.8	2.0	3.4	5.4	8.8	13.1	25.7	52.6	52.4	25.2	12.3	8.2	4.8	2.9	1.7	0.7	0.1	0.1	0.0
-50	0.2	1.0	2.4	4.3	8.5	14.5	21.0	39.1	65.2	64.9	38.3	19.9	13.7	7.9	3.8	2.1	0.8	0.1	0.1	0.0
-40	0.2	1.1	2.8	5.6	12.2	20.4	31.4	50.2	72.9	72.7	49.8	30.8	19.9	11.7	5.1	2.4	0.9	0.1	0.1	0.0
-30	0.2	1.3	3.2	7.1	15.4	25.5	38.7	57.1	76.4	76.4	57.2	38.8	25.5	15.1	6.5	2.7	1.1	0.2	0.2	0.0
-20	0.2	1.4	3.4	8.4	17.8	29.3	43.8	61.3	78.6	78.7	61.6	44.3	29.6	17.6	7.8	3.0	1.1	0.2	0.2	0.0
-10	0.2	1.4	3.6	9.1	19.2	31.4	46.5	63.5	80.0	80.1	64.0	47.2	31.9	19.1	8.6	3.1	1.2	0.2	0.2	0.0
0	0.2	1.4	3.6	9.2	19.3	31.7	46.9	64.1	80.6	80.8	64.6	47.6	32.2	19.2	8.7	3.1	1.2	0.2	0.2	0.0
10	0.2	1.4	3.5	8.5	18.2	30.0	44.9	62.9	80.7	80.9	63.4	45.6	30.5	18.1	8.0	3.0	1.1	0.2	0.2	0.0
20	0.2	1.3	3.3	7.4	16.0	26.6	40.5	59.9	80.2	80.3	60.1	40.8	26.8	15.8	6.8	2.8	1.1	0.2	0.2	0.0
30	0.2	1.3	3.0	5.9	12.9	21.6	33.5	54.1	78.9	78.8	53.9	33.3	21.4	12.4	5.4	2.5	1.0	0.1	0.1	0.0
40	0.2	1.0	2.5	4.6	9.1	15.6	22.8	43.1	72.5	72.3	42.5	22.0	15.1	8.5	4.0	2.2	0.8	0.1	0.1	0.0
50	0.2	0.9	2.1	3.6	5.8	9.7	14.5	29.2	60.2	60.0	28.5	13.7	9.0	5.3	3.2	1.7	0.7	0.1	0.1	0.0
60	0.1	0.7	1.6	2.6	3.8	5.4	7.5	12.0	32.2	32.1	11.9	7.1	4.9	3.4	2.3	1.3	0.5	0.1	0.1	0.0
70	0.1	0.5	1.0	1.7	2.4	3.0	3.9	5.3	8.2	8.3	5.4	3.6	2.6	2.0	1.4	0.8	0.3	0.1	0.1	0.0
80	0.0	0.2	0.5	0.7	0.9	1.1	1.3	1.3	0.6	0.5	1.2	1.1	0.9	0.7	0.5	0.3	0.1	0.0	0.0	0.0
90	2.9	16.8	41.3	86.7	173.3	3283.1	421.2	645.1	955.2	954.8	643.9	418.9	279.7	167.2	78.8	35.1	13.6	2.1	2.1	0.0
Flux(E)	0.0	0.0	3.9	57.2	150.1	262.8	401.5	627.2	947.2	947.0	625.9	399.0	259.9	144.7	48.0	0.0	0.0	0.0	0.0	0.0
Flux(T)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Flux(E)																				4874

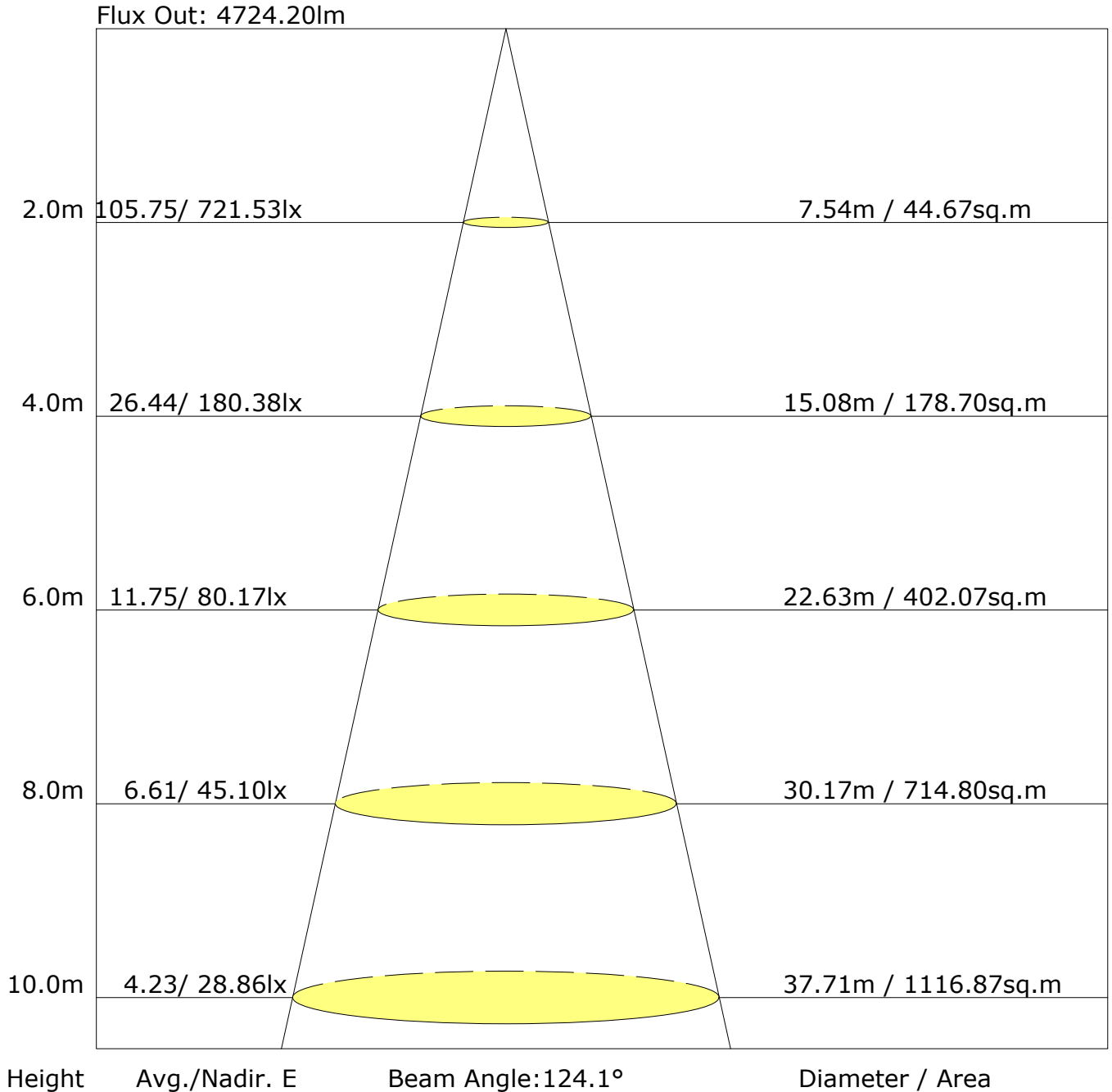
Horizontal plane

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



## The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



## UGR Table

Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
Variations with the observer position at spacings:										
S=1.0H										-1.\$/-1.\$
S=1.5H										-1.\$/-1.\$
S=2.0H										-1.\$/-1.\$

Calculate in accordance with CIE Pub.117. The table is revised with 5220lm ( $8\log(F/F_0) = 5.7$ ).

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



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

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	2685	51.4
	FL ( 0°-30°)	960	18.4
	FM (30°-60°)	1411	27.0
	FH (60°-80°)	288	5.5
	FVH (80°-90°)	27	0.5
	BACK LIGHT	2534	48.5
	BL ( 0°-30°)	937	18.0
	BM (30°-60°)	1312	25.1
	BH (60°-80°)	260	5.0
	BVH (80°-90°)	25	0.5
	UP LIGHT	0	0.0
	UL (90°-100°)	0	0.0
	UH (100°-180°)	0	0.0
	TRAPPED LIGHT	NA	NA

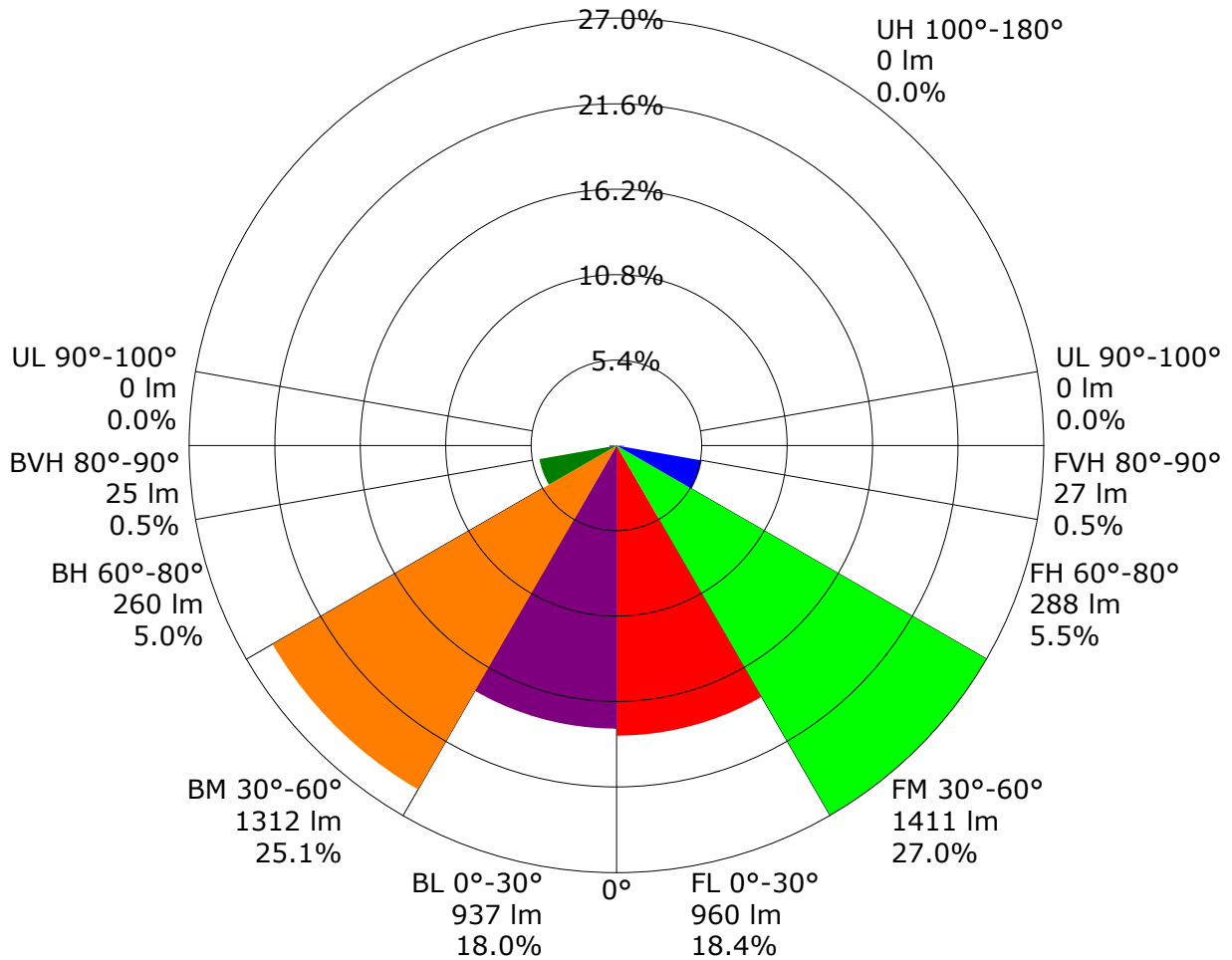
BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B2 U1 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B2 U1 G1

C Plane (°):0.0-360.0: 15.0  
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Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



### LCS Graph



**Forward Light**

**Back Light**

Scale= MAX LCS%

Trapped Light:NA,NA

C Plane (°):0.0-360.0: 15.0

Test Lab: OUTLUX

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600

Distance: 6.811 m

Humidity:

Inspector:





## 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	0.63	0.73	0.80	0.85	0.92	0.96	0.99	1.03	1.06	
	0.30		0.56	0.66	0.73	0.79	0.86	0.91	0.95	1.00	1.03	
	0.20		0.50	0.61	0.68	0.74	0.82	0.87	0.91	0.96	1.00	
0.50	0.50	0.20	0.61	0.71	0.78	0.82	0.89	0.93	0.96	0.99	1.02	
	0.30		0.55	0.65	0.72	0.77	0.84	0.89	0.92	0.96	0.99	
	0.20		0.50	0.60	0.67	0.73	0.80	0.85	0.89	0.94	0.97	
0.30	0.50	0.20	0.60	0.69	0.75	0.80	0.86	0.90	0.92	0.96	0.98	
	0.30		0.54	0.64	0.71	0.75	0.82	0.86	0.89	0.93	0.96	
	0.20		0.50	0.60	0.67	0.72	0.79	0.83	0.87	0.91	0.94	
0.00	0.00	0.00	0.48	0.57	0.64	0.69	0.75	0.80	0.83	0.87	0.89	
<p>Rating:50W Photometrically tested without ceiling board.            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 = 1.00									
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	0.91	0.74	0.62	0.54	0.42	0.35	0.30	0.23	0.19	
	0.30		0.76	0.63	0.54	0.48	0.38	0.32	0.28	0.22	0.18	
	0.20		0.65	0.55	0.48	0.43	0.35	0.30	0.26	0.20	0.17	
0.50	0.50	0.20	0.88	0.71	0.59	0.51	0.40	0.37	0.28	0.22	0.18	
	0.30		0.74	0.61	0.52	0.46	0.37	0.31	0.26	0.21	0.17	
	0.20		0.64	0.54	0.47	0.42	0.34	0.29	0.25	0.20	0.16	
0.30	0.50	0.20	0.85	0.68	0.57	0.49	0.38	0.31	0.27	0.20	0.17	
	0.30		0.73	0.60	0.51	0.44	0.35	0.29	0.25	0.20	0.16	
	0.20		0.64	0.53	0.46	0.41	0.33	0.28	0.24	0.19	0.15	
0.00	0.00	0.00	0.53	0.43	0.36	0.32	0.25	0.21	0.18	0.14	0.11	
<p>Rating:50W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												



## 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	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.22	
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.19	0.19	
	0.20		0.05	0.07	0.08	0.10	0.12	0.13	0.14	0.16	0.17	
0.50	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.20	0.21	
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.16	0.17	
0.30	0.50	0.20	0.15	0.16	0.16	0.17	0.18	0.18	0.19	0.19	0.20	
	0.30		0.09	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.15	0.16	
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	
<p>Rating:50W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												



## Zonal Lumen

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	2871.3	2.7	2.7	0.05	0.05
1.0-2.0	2841.8	8.2	10.9	0.16	0.21
2.0-3.0	2812.4	13.5	24.4	0.26	0.47
3.0-4.0	2783.1	18.6	43.0	0.36	0.82
4.0-5.0	2753.7	23.7	66.7	0.45	1.28
5.0-6.0	2724.2	28.6	95.3	0.55	1.83
6.0-7.0	2694.5	33.4	128.8	0.64	2.47
7.0-8.0	2664.6	38.1	166.9	0.73	3.20
8.0-9.0	2634.3	42.7	209.6	0.82	4.02
9.0-10.0	2603.7	47.1	256.7	0.90	4.92
10.0-11.0	2572.7	51.4	308.1	0.98	5.90
11.0-12.0	2541.4	55.6	363.7	1.06	6.97
12.0-13.0	2509.8	59.6	423.3	1.14	8.11
13.0-14.0	2477.8	63.4	486.7	1.22	9.32
14.0-15.0	2445.5	67.1	553.9	1.29	10.61
15.0-16.0	2412.9	70.7	624.6	1.35	11.97
16.0-17.0	2379.8	74.1	698.7	1.42	13.39
17.0-18.0	2346.5	77.4	776.1	1.48	14.87
18.0-19.0	2312.7	80.5	856.5	1.54	16.41
19.0-20.0	2278.6	83.4	939.9	1.60	18.01
20.0-21.0	2244.0	86.2	1026.1	1.65	19.66
21.0-22.0	2208.9	88.8	1114.9	1.70	21.36
22.0-23.0	2173.4	91.2	1206.1	1.75	23.11
23.0-24.0	2137.4	93.5	1299.6	1.79	24.90
24.0-25.0	2100.8	95.5	1395.1	1.83	26.73
25.0-26.0	2063.7	97.4	1492.5	1.87	28.59
26.0-27.0	2026.1	99.1	1591.7	1.90	30.49
27.0-28.0	1987.8	100.7	1692.3	1.93	32.42
28.0-29.0	1948.9	102.0	1794.3	1.95	34.37
29.0-30.0	1909.3	103.1	1897.4	1.98	36.35
30.0-31.0	1869.5	104.0	2001.5	1.99	38.34
31.0-32.0	1830.0	104.9	2106.3	2.01	40.35
32.0-33.0	1790.4	105.5	2211.8	2.02	42.37
33.0-34.0	1750.1	105.9	2317.7	2.03	44.40
34.0-35.0	1709.8	106.2	2423.9	2.03	46.44
35.0-36.0	1669.1	106.3	2530.2	2.04	48.47

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



## Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	1627.3	106.1	2636.4	2.03	50.51
37.0-38.0	1584.3	105.8	2742.1	2.03	52.53
38.0-39.0	1540.1	105.1	2847.3	2.01	54.55
39.0-40.0	1496.2	104.4	2951.6	2.00	56.55
40.0-41.0	1452.9	103.5	3055.1	1.98	58.53
41.0-42.0	1408.5	102.3	3157.4	1.96	60.49
42.0-43.0	1362.6	100.9	3258.4	1.93	62.42
43.0-44.0	1315.6	99.3	3357.7	1.90	64.32
44.0-45.0	1268.3	97.5	3455.2	1.87	66.19
45.0-46.0	1221.3	95.5	3550.7	1.83	68.02
46.0-47.0	1174.5	93.4	3644.1	1.79	69.81
47.0-48.0	1127.7	91.2	3735.3	1.75	71.56
48.0-49.0	1080.2	88.7	3824.0	1.70	73.26
49.0-50.0	1035.0	86.3	3910.3	1.65	74.91
50.0-51.0	992.7	84.0	3994.3	1.61	76.52
51.0-52.0	950.5	81.6	4075.9	1.56	78.08
52.0-53.0	907.7	79.0	4154.9	1.51	79.60
53.0-54.0	864.5	76.2	4231.1	1.46	81.06
54.0-55.0	820.8	73.3	4304.4	1.40	82.46
55.0-56.0	776.5	70.2	4374.5	1.34	83.80
56.0-57.0	731.4	66.9	4441.4	1.28	85.09
57.0-58.0	685.7	63.4	4504.9	1.21	86.30
58.0-59.0	639.3	59.8	4564.6	1.15	87.45
59.0-60.0	592.4	56.0	4620.6	1.07	88.52
60.0-61.0	546.8	52.2	4672.8	1.00	89.52
61.0-62.0	504.5	48.6	4721.4	0.93	90.45
62.0-63.0	463.8	45.1	4766.5	0.86	91.31
63.0-64.0	423.7	41.6	4808.1	0.80	92.11
64.0-65.0	385.5	38.2	4846.3	0.73	92.84
65.0-66.0	349.3	34.9	4881.1	0.67	93.51
66.0-67.0	318.9	32.1	4913.2	0.61	94.12
67.0-68.0	294.0	29.8	4943.0	0.57	94.69
68.0-69.0	271.3	27.7	4970.7	0.53	95.22
69.0-70.0	250.8	25.8	4996.4	0.49	95.72
70.0-71.0	231.9	24.0	5020.4	0.46	96.18
71.0-72.0	214.7	22.3	5042.7	0.43	96.61

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



## Zonal Lumen (Continue 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	198.6	20.8	5063.5	0.40	97.00
73.0-74.0	183.2	19.3	5082.7	0.37	97.37
74.0-75.0	168.6	17.8	5100.6	0.34	97.71
75.0-76.0	154.1	16.4	5116.9	0.31	98.03
76.0-77.0	139.7	14.9	5131.8	0.29	98.31
77.0-78.0	125.6	13.4	5145.3	0.26	98.57
78.0-79.0	111.8	12.0	5157.3	0.23	98.80
79.0-80.0	98.9	10.7	5167.9	0.20	99.00
80.0-81.0	86.9	9.4	5177.3	0.18	99.18
81.0-82.0	76.2	8.3	5185.6	0.16	99.34
82.0-83.0	67.1	7.3	5192.9	0.14	99.48
83.0-84.0	58.9	6.4	5199.3	0.12	99.61
84.0-85.0	50.8	5.5	5204.9	0.11	99.71
85.0-86.0	42.7	4.7	5209.5	0.09	99.80
86.0-87.0	34.7	3.8	5213.3	0.07	99.87
87.0-88.0	26.8	2.9	5216.3	0.06	99.93
88.0-89.0	18.8	2.1	5218.3	0.04	99.97
89.0-90.0	10.9	1.2	5219.5	0.02	99.99
90.0-91.0	3.5	0.4	5219.9	0.01	100.00
91.0-92.0	0.0	0.0	5219.9	0.00	100.00
92.0-93.0	0.0	0.0	5219.9	0.00	100.00
93.0-94.0	0.0	0.0	5219.9	0.00	100.00
94.0-95.0	0.0	0.0	5219.9	0.00	100.00
95.0-96.0	0.0	0.0	5219.9	0.00	100.00
96.0-97.0	0.0	0.0	5219.9	0.00	100.00
97.0-98.0	0.0	0.0	5219.9	0.00	100.00
98.0-99.0	0.0	0.0	5219.9	0.00	100.00
99.0-100.0	0.0	0.0	5219.9	0.00	100.00
100.0-101.0	0.0	0.0	5219.9	0.00	100.00
101.0-102.0	0.0	0.0	5219.9	0.00	100.00
102.0-103.0	0.0	0.0	5219.9	0.00	100.00
103.0-104.0	0.0	0.0	5219.9	0.00	100.00
104.0-105.0	0.0	0.0	5219.9	0.00	100.00
105.0-106.0	0.0	0.0	5219.9	0.00	100.00
106.0-107.0	0.0	0.0	5219.9	0.00	100.00
107.0-108.0	0.0	0.0	5219.9	0.00	100.00

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



### Zonal Lumen (Continue 3)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	5219.9	0.00	100.00
109.0-110.0	0.0	0.0	5219.9	0.00	100.00
110.0-111.0	0.0	0.0	5219.9	0.00	100.00
111.0-112.0	0.0	0.0	5219.9	0.00	100.00
112.0-113.0	0.0	0.0	5219.9	0.00	100.00
113.0-114.0	0.0	0.0	5219.9	0.00	100.00
114.0-115.0	0.0	0.0	5219.9	0.00	100.00
115.0-116.0	0.0	0.0	5219.9	0.00	100.00
116.0-117.0	0.0	0.0	5219.9	0.00	100.00
117.0-118.0	0.0	0.0	5219.9	0.00	100.00
118.0-119.0	0.0	0.0	5219.9	0.00	100.00
119.0-120.0	0.0	0.0	5219.9	0.00	100.00
120.0-121.0	0.0	0.0	5219.9	0.00	100.00
121.0-122.0	0.0	0.0	5219.9	0.00	100.00
122.0-123.0	0.0	0.0	5219.9	0.00	100.00
123.0-124.0	0.0	0.0	5219.9	0.00	100.00
124.0-125.0	0.0	0.0	5219.9	0.00	100.00
125.0-126.0	0.0	0.0	5219.9	0.00	100.00
126.0-127.0	0.0	0.0	5219.9	0.00	100.00
127.0-128.0	0.0	0.0	5219.9	0.00	100.00
128.0-129.0	0.0	0.0	5219.9	0.00	100.00
129.0-130.0	0.0	0.0	5219.9	0.00	100.00
130.0-131.0	0.0	0.0	5219.9	0.00	100.00
131.0-132.0	0.0	0.0	5219.9	0.00	100.00
132.0-133.0	0.0	0.0	5219.9	0.00	100.00
133.0-134.0	0.0	0.0	5219.9	0.00	100.00
134.0-135.0	0.0	0.0	5219.9	0.00	100.00
135.0-136.0	0.0	0.0	5219.9	0.00	100.00
136.0-137.0	0.0	0.0	5219.9	0.00	100.00
137.0-138.0	0.0	0.0	5219.9	0.00	100.00
138.0-139.0	0.0	0.0	5219.9	0.00	100.00
139.0-140.0	0.0	0.0	5219.9	0.00	100.00
140.0-141.0	0.0	0.0	5219.9	0.00	100.00
141.0-142.0	0.0	0.0	5219.9	0.00	100.00
142.0-143.0	0.0	0.0	5219.9	0.00	100.00
143.0-144.0	0.0	0.0	5219.9	0.00	100.00

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



### Zonal Lumen (Continue 4)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.0	0.0	5219.9	0.00	100.00
145.0-146.0	0.0	0.0	5219.9	0.00	100.00
146.0-147.0	0.0	0.0	5219.9	0.00	100.00
147.0-148.0	0.0	0.0	5219.9	0.00	100.00
148.0-149.0	0.0	0.0	5219.9	0.00	100.00
149.0-150.0	0.0	0.0	5219.9	0.00	100.00
150.0-151.0	0.0	0.0	5219.9	0.00	100.00
151.0-152.0	0.0	0.0	5219.9	0.00	100.00
152.0-153.0	0.0	0.0	5219.9	0.00	100.00
153.0-154.0	0.0	0.0	5219.9	0.00	100.00
154.0-155.0	0.0	0.0	5219.9	0.00	100.00
155.0-156.0	0.0	0.0	5219.9	0.00	100.00
156.0-157.0	0.0	0.0	5219.9	0.00	100.00
157.0-158.0	0.0	0.0	5219.9	0.00	100.00
158.0-159.0	0.0	0.0	5219.9	0.00	100.00
159.0-160.0	0.0	0.0	5219.9	0.00	100.00
160.0-161.0	0.0	0.0	5219.9	0.00	100.00
161.0-162.0	0.0	0.0	5219.9	0.00	100.00
162.0-163.0	0.0	0.0	5219.9	0.00	100.00
163.0-164.0	0.0	0.0	5219.9	0.00	100.00
164.0-165.0	0.0	0.0	5219.9	0.00	100.00
165.0-166.0	0.0	0.0	5219.9	0.00	100.00
166.0-167.0	0.0	0.0	5219.9	0.00	100.00
167.0-168.0	0.0	0.0	5219.9	0.00	100.00
168.0-169.0	0.0	0.0	5219.9	0.00	100.00
169.0-170.0	0.0	0.0	5219.9	0.00	100.00
170.0-171.0	0.0	0.0	5219.9	0.00	100.00
171.0-172.0	0.0	0.0	5219.9	0.00	100.00
172.0-173.0	0.0	0.0	5219.9	0.00	100.00
173.0-174.0	0.0	0.0	5219.9	0.00	100.00
174.0-175.0	0.0	0.0	5219.9	0.00	100.00
175.0-176.0	0.0	0.0	5219.9	0.00	100.00
176.0-177.0	0.0	0.0	5219.9	0.00	100.00
177.0-178.0	0.0	0.0	5219.9	0.00	100.00
178.0-179.0	0.0	0.0	5219.9	0.00	100.00
179.0-180.0	0.0	0.0	5219.9	0.00	100.00

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:





## Candlepower Table

Unit: cd

G\C	C0.0	C15.0	C30.0	C45.0	C60.0	C75.0	C90.0	C105.0	C120.0	C135.0
G0.0	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1
G1.0	2839.7	2841.8	2846.8	2854.6	2864.4	2875.8	2887.9	2875.5	2863.9	2853.8
G2.0	2793.4	2797.4	2807.5	2823.2	2843.1	2865.9	2890.1	2865.4	2842.0	2821.6
G3.0	2747.0	2753.1	2768.4	2792.0	2822.4	2857.1	2893.7	2856.2	2820.7	2789.6
G4.0	2700.6	2708.7	2729.2	2761.3	2802.0	2848.4	2897.4	2847.3	2799.7	2758.1
G5.0	2654.3	2664.4	2690.4	2730.4	2781.5	2840.1	2901.7	2838.6	2778.7	2726.4
G6.0	2607.9	2620.0	2651.4	2699.5	2761.1	2831.4	2905.7	2829.7	2757.7	2694.7
G7.0	2561.5	2575.6	2612.3	2668.5	2740.1	2822.1	2909.2	2820.1	2736.1	2662.9
G8.0	2515.1	2531.2	2573.0	2636.9	2718.3	2812.0	2912.0	2809.7	2713.8	2630.5
G9.0	2468.8	2486.9	2533.6	2604.8	2695.7	2801.4	2914.6	2798.9	2690.6	2597.6
G10.0	2422.4	2442.5	2493.9	2572.0	2672.5	2790.3	2916.9	2787.5	2667.0	2564.1
G11.0	2376.0	2398.0	2453.8	2538.5	2648.7	2778.6	2918.9	2775.5	2642.7	2529.8
G12.0	2329.7	2353.4	2413.4	2504.5	2624.2	2766.2	2920.3	2762.9	2617.7	2495.1
G13.0	2283.3	2308.6	2372.4	2469.9	2599.0	2753.4	2922.0	2749.9	2591.9	2459.8
G14.0	2236.9	2263.8	2331.1	2434.6	2572.9	2740.2	2923.5	2736.5	2565.4	2423.7
G15.0	2190.6	2218.9	2289.2	2398.5	2546.3	2726.7	2925.2	2722.8	2538.5	2387.0
G16.0	2144.2	2173.8	2246.9	2361.8	2519.0	2712.7	2926.7	2708.6	2510.7	2349.5
G17.0	2097.8	2128.6	2204.1	2324.3	2491.0	2698.2	2928.6	2694.0	2482.4	2311.4
G18.0	2051.4	2083.2	2161.0	2286.0	2462.1	2683.5	2931.0	2679.2	2453.3	2272.6
G19.0	2005.1	2037.7	2117.3	2247.1	2432.5	2668.6	2933.8	2664.3	2423.4	2233.1
G20.0	1958.7	1992.0	2073.2	2207.4	2402.2	2653.3	2936.3	2648.9	2392.9	2192.9
G21.0	1912.3	1946.1	2028.5	2166.9	2371.1	2637.0	2939.2	2632.9	2361.6	2151.9
G22.0	1866.0	1899.9	1983.3	2125.5	2339.2	2620.5	2942.1	2616.4	2329.7	2110.0
G23.0	1819.6	1853.7	1937.5	2083.1	2305.8	2603.1	2945.5	2599.4	2296.6	2067.3
G24.0	1773.2	1807.3	1891.2	2039.8	2271.6	2585.3	2949.4	2581.9	2262.6	2023.7
G25.0	1726.8	1760.6	1844.3	1995.6	2236.2	2566.8	2953.6	2563.9	2227.6	1979.2
G26.0	1680.5	1713.7	1796.8	1950.3	2199.5	2547.9	2958.7	2545.3	2191.5	1933.8
G27.0	1634.1	1666.7	1748.7	1904.2	2161.6	2528.3	2963.9	2526.4	2154.2	1887.4
G28.0	1587.7	1619.6	1700.0	1856.6	2122.1	2507.7	2969.1	2506.4	2115.8	1840.1
G29.0	1541.4	1572.1	1650.8	1807.7	2081.6	2486.2	2975.0	2485.5	2075.8	1791.7
G30.0	1495.0	1524.4	1601.0	1757.7	2039.4	2463.6	2982.2	2463.6	2034.8	1741.9
G31.0	1454.8	1477.6	1550.6	1706.5	1995.6	2440.6	2989.0	2441.4	1992.1	1691.2
G32.0	1414.6	1437.4	1499.2	1654.0	1950.1	2415.9	2996.1	2417.6	1947.6	1639.3
G33.0	1374.4	1397.2	1447.2	1599.8	1902.9	2389.9	3002.6	2392.5	1901.6	1586.0
G34.0	1334.2	1356.9	1398.3	1544.1	1853.3	2361.8	3007.6	2365.5	1853.4	1531.4
G35.0	1294.0	1316.6	1357.5	1486.8	1802.0	2331.6	3009.8	2336.3	1803.8	1475.4
G36.0	1253.8	1276.4	1316.7	1428.3	1748.3	2298.4	3008.2	2304.2	1751.7	1417.6

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C15.0	C30.0	C45.0	C60.0	C75.0	C90.0	C105.0	C120.0	C135.0
G37.0	1213.6	1236.2	1275.9	1368.2	1692.1	2261.5	3005.6	2268.4	1697.2	1358.6
G38.0	1173.4	1196.0	1235.2	1306.1	1633.5	2221.4	3002.6	2229.6	1640.4	1298.2
G39.0	1133.2	1155.7	1194.6	1242.2	1571.8	2179.1	2997.8	2188.8	1580.8	1235.7
G40.0	1093.0	1115.5	1154.2	1194.4	1507.9	2134.4	2989.9	2145.8	1518.9	1190.2
G41.0	1052.8	1075.4	1113.8	1152.2	1441.1	2086.8	2974.6	2099.7	1453.8	1150.5
G42.0	1012.5	1035.3	1073.2	1109.9	1370.9	2035.6	2939.5	2050.0	1385.8	1110.8
G43.0	972.3	995.1	1032.9	1067.5	1297.5	1977.3	2901.5	1993.7	1314.9	1070.8
G44.0	932.1	954.9	992.8	1025.5	1221.1	1910.1	2870.2	1927.7	1240.8	1031.3
G45.0	891.9	914.8	952.9	984.0	1142.3	1840.6	2860.4	1860.0	1165.0	992.1
G46.0	851.7	874.7	913.1	942.6	1060.3	1774.3	2861.8	1795.0	1086.1	952.7
G47.0	811.5	834.7	873.4	901.7	975.8	1717.7	2858.6	1738.4	1004.4	913.7
G48.0	771.3	794.7	834.0	861.3	889.6	1664.2	2844.3	1685.1	920.5	875.0
G49.0	731.1	754.6	794.7	821.3	799.5	1606.9	2826.6	1627.9	834.4	836.7
G50.0	690.9	714.7	755.5	781.6	750.8	1544.4	2803.1	1564.8	787.1	798.7
G51.0	650.7	674.7	716.7	742.9	708.4	1478.1	2778.2	1498.1	745.6	761.3
G52.0	610.5	634.8	677.9	704.9	666.8	1408.9	2747.5	1428.8	705.5	724.6
G53.0	570.3	595.0	639.3	667.5	628.3	1337.2	2707.6	1357.1	667.2	688.1
G54.0	530.1	555.1	601.0	630.9	592.2	1262.9	2655.4	1282.6	630.1	652.3
G55.0	489.9	515.3	562.9	594.7	557.9	1185.7	2598.6	1205.1	594.3	617.0
G56.0	449.7	475.5	525.1	559.2	525.0	1105.2	2529.5	1124.4	560.2	582.3
G57.0	409.5	435.7	487.5	524.4	493.1	1021.6	2450.6	1040.6	527.1	548.1
G58.0	369.3	396.0	450.1	490.3	462.7	936.8	2357.7	955.4	495.1	514.5
G59.0	329.1	356.3	412.9	457.2	434.1	849.9	2252.5	868.3	464.5	481.7
G60.0	288.9	316.7	375.9	424.9	406.2	762.0	2141.9	779.7	435.3	449.7
G61.0	279.3	281.5	339.2	393.3	379.8	674.0	2029.6	691.1	407.6	418.4
G62.0	269.8	271.8	302.8	362.5	355.2	587.2	1912.6	603.1	381.7	387.8
G63.0	260.2	262.0	266.6	332.6	331.4	503.5	1785.0	517.3	356.8	357.8
G64.0	250.7	252.4	245.4	303.6	308.6	424.4	1637.6	435.5	332.9	328.6
G65.0	241.1	242.7	235.7	275.5	287.2	350.7	1475.4	357.7	310.3	300.0
G66.0	231.6	233.0	226.0	248.0	266.9	292.5	1303.9	292.5	288.8	272.1
G67.0	222.1	223.3	216.3	221.3	247.7	287.0	1143.5	279.1	268.6	245.0
G68.0	212.5	213.7	206.7	198.8	229.5	281.6	992.9	266.9	249.3	221.8
G69.0	203.0	204.0	197.1	189.2	212.2	275.2	850.8	255.5	231.0	211.5
G70.0	193.4	194.4	187.5	179.6	195.8	267.2	722.8	244.9	213.6	201.4
G71.0	183.9	184.7	178.1	170.2	180.1	257.2	616.1	234.7	197.0	191.3
G72.0	174.3	175.1	168.6	160.9	165.2	245.1	529.0	224.4	181.2	181.3
G73.0	164.8	165.4	159.2	151.6	150.9	231.2	451.1	213.7	166.0	171.4

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



### Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C15.0	C30.0	C45.0	C60.0	C75.0	C90.0	C105.0	C120.0	C135.0
G74.0	155.2	155.8	149.8	142.4	137.7	215.5	380.5	202.3	151.9	161.6
G75.0	145.7	146.1	140.4	133.3	128.8	197.9	305.1	189.7	142.2	151.8
G76.0	136.1	136.5	131.1	124.2	119.9	178.6	227.9	175.0	132.6	142.1
G77.0	126.6	126.9	121.7	115.2	111.1	158.8	161.1	159.0	123.1	132.4
G78.0	117.1	117.3	112.4	106.3	102.4	138.9	106.3	141.9	113.7	122.8
G79.0	107.5	107.7	103.1	97.4	93.8	119.2	60.3	124.1	104.5	113.3
G80.0	98.0	98.1	93.8	88.6	85.3	100.9	25.0	106.3	95.4	103.8
G81.0	88.4	88.5	84.6	79.8	76.8	84.0	6.3	88.3	86.4	94.4
G82.0	78.9	78.9	75.4	71.0	68.4	71.5	2.2	74.8	77.4	85.0
G83.0	69.3	69.3	66.2	62.3	60.0	61.8	2.1	65.2	68.5	75.7
G84.0	59.8	59.7	57.0	53.6	51.7	52.6	2.0	55.9	59.8	66.3
G85.0	50.3	50.1	47.8	45.0	43.5	43.6	2.0	46.7	51.0	57.1
G86.0	40.7	40.5	38.6	36.3	35.2	35.0	2.0	37.7	42.4	47.8
G87.0	31.2	31.0	29.5	27.7	27.0	26.7	1.9	29.1	33.8	38.6
G88.0	21.6	21.4	20.3	19.1	18.9	18.7	1.9	20.8	25.2	29.4
G89.0	12.1	11.8	11.1	10.6	10.7	10.9	1.9	12.7	16.6	20.3
G90.0	18.6	17.7	14.5	11.1	8.1	4.7	0.0	3.2	2.5	2.0
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



## Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C15.0	C30.0	C45.0	C60.0	C75.0	C90.0	C105.0	C120.0	C135.0
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



## Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C15.0	C30.0	C45.0	C60.0	C75.0	C90.0	C105.0	C120.0	C135.0
G148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



## Candlepower Table (Continue 5)

Unit: cd

G\C	C150.0	C165.0	C180.0	C195.0	C210.0	C225.0	C240.0	C255.0	C270.0	C285.0
G0.0	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1	2886.1
G1.0	2845.9	2840.7	2838.6	2839.9	2844.4	2851.6	2861.3	2872.6	2884.9	2872.9
G2.0	2805.6	2795.3	2791.1	2793.7	2802.6	2817.1	2836.3	2859.0	2883.5	2859.6
G3.0	2765.4	2749.8	2743.6	2747.5	2760.7	2782.4	2811.2	2845.2	2882.0	2846.0
G4.0	2725.3	2704.3	2696.2	2701.3	2718.8	2747.5	2785.8	2831.0	2880.2	2832.1
G5.0	2685.4	2658.9	2648.7	2655.0	2676.6	2712.4	2760.0	2816.4	2878.0	2817.8
G6.0	2645.5	2613.5	2601.2	2608.6	2634.4	2676.9	2733.8	2801.6	2875.7	2803.2
G7.0	2605.4	2568.0	2553.7	2562.3	2591.9	2641.1	2707.4	2786.6	2873.4	2788.4
G8.0	2565.1	2522.5	2506.2	2515.9	2549.3	2605.0	2680.6	2771.1	2870.5	2773.0
G9.0	2524.7	2477.1	2458.8	2469.4	2506.4	2568.6	2653.2	2755.3	2867.8	2757.4
G10.0	2484.1	2431.5	2411.3	2422.8	2463.3	2531.9	2625.5	2739.1	2864.7	2741.5
G11.0	2443.0	2385.9	2363.8	2376.1	2419.9	2494.6	2597.3	2722.6	2861.6	2725.2
G12.0	2401.7	2340.2	2316.3	2329.4	2376.4	2456.9	2568.7	2705.8	2858.4	2708.5
G13.0	2359.8	2294.4	2268.8	2282.6	2332.6	2418.8	2539.5	2688.6	2855.0	2691.4
G14.0	2317.5	2248.4	2221.4	2235.7	2288.5	2380.3	2509.8	2671.0	2851.8	2674.0
G15.0	2274.6	2202.4	2173.9	2188.7	2244.0	2341.1	2479.5	2653.2	2848.5	2656.3
G16.0	2231.5	2156.2	2126.4	2141.7	2199.3	2301.4	2448.7	2635.0	2845.6	2638.2
G17.0	2187.8	2109.9	2078.9	2094.4	2154.1	2261.3	2417.3	2616.6	2842.4	2619.7
G18.0	2143.8	2063.5	2031.4	2047.1	2108.7	2220.4	2385.4	2597.5	2839.1	2600.5
G19.0	2099.2	2016.9	1983.9	1999.8	2062.8	2179.0	2352.8	2577.9	2835.9	2580.9
G20.0	2054.1	1970.2	1936.5	1952.3	2016.7	2137.0	2319.3	2557.9	2832.6	2560.8
G21.0	2008.6	1923.2	1889.0	1904.7	1970.1	2094.1	2285.0	2537.2	2829.3	2539.8
G22.0	1962.6	1876.0	1841.5	1856.9	1923.0	2050.8	2249.9	2515.9	2825.9	2518.3
G23.0	1915.9	1828.7	1794.0	1809.2	1875.6	2006.8	2213.9	2494.1	2823.1	2496.0
G24.0	1868.8	1781.2	1746.5	1761.3	1827.7	1961.7	2176.8	2472.0	2820.1	2473.4
G25.0	1821.1	1733.4	1699.1	1713.1	1779.4	1915.8	2138.7	2449.3	2817.5	2449.8
G26.0	1773.0	1685.5	1651.6	1664.9	1730.6	1869.1	2099.7	2426.0	2814.3	2425.7
G27.0	1724.3	1637.5	1604.1	1616.6	1681.3	1821.5	2060.0	2401.6	2810.5	2400.2
G28.0	1674.9	1589.2	1556.6	1568.2	1631.5	1772.9	2019.3	2375.9	2807.0	2373.7
G29.0	1625.1	1540.7	1509.1	1519.5	1581.3	1723.5	1977.3	2349.4	2803.4	2346.3
G30.0	1574.6	1492.0	1461.6	1470.7	1530.4	1672.7	1934.0	2321.8	2800.4	2318.0
G31.0	1523.6	1444.6	1424.0	1423.3	1479.1	1620.8	1889.3	2293.6	2797.5	2288.8
G32.0	1471.7	1406.9	1386.3	1385.5	1427.3	1568.1	1842.9	2264.5	2794.0	2258.5
G33.0	1419.2	1369.2	1348.6	1347.6	1375.1	1514.4	1795.1	2234.0	2788.7	2226.7
G34.0	1370.7	1331.4	1310.9	1309.7	1326.8	1459.9	1745.4	2201.3	2781.7	2192.5
G35.0	1332.4	1293.7	1273.2	1271.9	1288.3	1404.3	1694.4	2166.3	2773.1	2156.1
G36.0	1294.1	1256.0	1235.6	1234.1	1250.0	1347.1	1641.8	2129.1	2763.0	2117.6

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



### Candlepower Table (Continue 6)

Unit: cd

G\C	C150.0	C165.0	C180.0	C195.0	C210.0	C225.0	C240.0	C255.0	C270.0	C285.0
G37.0	1255.8	1218.3	1197.9	1196.4	1211.7	1288.9	1587.4	2089.7	2750.7	2076.9
G38.0	1217.6	1180.5	1160.2	1158.7	1173.6	1229.7	1530.9	2048.1	2737.9	2034.0
G39.0	1179.3	1142.7	1122.5	1121.0	1135.6	1168.9	1472.0	2004.6	2721.3	1989.2
G40.0	1141.1	1104.9	1084.8	1083.4	1097.7	1124.6	1410.9	1958.7	2701.6	1941.8
G41.0	1103.1	1067.1	1047.2	1045.9	1060.0	1085.3	1347.6	1909.7	2679.6	1891.4
G42.0	1065.2	1029.4	1009.5	1008.4	1022.5	1046.2	1282.1	1858.2	2655.6	1838.3
G43.0	1027.4	991.7	971.8	970.9	985.1	1007.2	1214.5	1804.4	2632.7	1783.3
G44.0	989.5	954.0	934.1	933.4	947.7	968.5	1145.4	1748.6	2609.6	1726.7
G45.0	951.8	916.3	896.5	896.0	910.5	930.3	1073.9	1692.3	2585.3	1669.9
G46.0	914.2	878.6	858.8	858.7	873.5	892.3	1000.3	1634.6	2560.7	1611.9
G47.0	876.7	841.0	821.1	821.4	836.7	854.8	924.8	1575.6	2536.5	1553.3
G48.0	839.5	803.4	783.4	784.2	800.1	817.7	847.8	1515.4	2516.5	1493.5
G49.0	802.3	765.8	745.7	747.0	763.8	781.0	769.1	1454.4	2488.8	1433.4
G50.0	765.2	728.2	708.0	709.8	727.8	744.5	724.9	1393.6	2457.4	1373.3
G51.0	728.2	690.7	670.4	672.7	692.0	708.7	686.0	1330.2	2423.1	1310.7
G52.0	691.4	653.2	632.7	635.7	656.3	673.4	648.5	1263.8	2387.5	1245.2
G53.0	654.7	615.7	595.0	598.7	620.9	638.6	611.8	1195.3	2345.2	1178.2
G54.0	618.2	578.3	557.3	561.8	585.7	604.5	576.7	1125.7	2301.5	1109.9
G55.0	581.8	540.8	519.7	525.0	550.7	570.8	543.0	1054.7	2250.3	1040.2
G56.0	545.6	503.4	482.0	488.1	515.8	537.9	510.5	981.8	2194.4	969.0
G57.0	509.6	466.0	444.3	451.4	481.3	505.8	479.4	908.2	2129.9	896.5
G58.0	473.8	428.6	406.6	414.7	446.9	474.3	449.7	833.2	2060.3	822.8
G59.0	438.1	391.3	368.9	378.1	412.7	443.5	421.2	756.9	1981.8	747.8
G60.0	402.6	354.0	331.3	341.5	378.7	413.4	394.4	680.7	1895.0	672.4
G61.0	367.3	320.6	320.8	308.8	345.0	384.0	368.7	604.7	1799.5	597.0
G62.0	332.1	310.0	310.4	298.5	311.4	355.3	343.9	529.3	1683.8	522.5
G63.0	297.1	299.5	300.0	288.2	278.0	327.2	320.5	455.1	1551.6	450.1
G64.0	276.0	288.9	289.6	278.0	258.0	300.0	298.4	382.9	1405.9	380.8
G65.0	265.5	278.4	279.1	267.8	248.0	273.4	277.7	313.8	1248.9	315.8
G66.0	255.0	267.9	268.7	257.6	238.1	247.5	258.0	255.8	1097.3	264.0
G67.0	244.6	257.3	258.3	247.4	228.3	222.2	239.4	244.0	953.3	257.6
G68.0	234.3	246.8	247.9	237.3	218.6	200.6	221.9	233.2	820.8	250.6
G69.0	224.0	236.3	237.5	227.1	208.9	191.4	205.3	222.9	693.1	242.8
G70.0	213.7	225.9	227.0	217.0	199.2	182.1	189.6	212.9	581.6	233.9
G71.0	203.5	215.4	216.6	206.9	189.6	173.0	174.6	203.2	494.3	224.1
G72.0	193.3	204.9	206.2	196.9	180.0	163.9	160.4	192.8	422.5	212.9
G73.0	183.2	194.4	195.8	186.8	170.5	154.9	146.9	182.4	360.3	200.0

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



### Candlepower Table (Continue 7)

Unit: cd

G\C	C150.0	C165.0	C180.0	C195.0	C210.0	C225.0	C240.0	C255.0	C270.0	C285.0
G74.0	173.1	184.0	185.4	176.8	161.0	146.0	134.5	171.8	308.9	185.8
G75.0	163.0	173.6	174.9	166.8	151.6	137.2	125.8	160.5	264.5	170.5
G76.0	153.0	163.1	164.5	156.7	142.2	128.4	117.2	148.1	222.0	153.9
G77.0	142.9	152.7	154.1	146.7	132.8	119.8	108.8	134.8	179.6	136.9
G78.0	132.9	142.3	143.7	136.7	123.5	111.1	100.4	120.6	130.6	119.8
G79.0	123.0	131.9	133.3	126.8	114.2	102.5	92.3	105.9	88.4	103.2
G80.0	113.0	121.5	122.8	116.8	104.9	94.0	84.2	91.0	53.5	87.3
G81.0	103.1	111.1	112.4	106.8	95.7	85.5	76.3	76.1	25.0	72.5
G82.0	93.2	100.7	102.0	96.9	86.5	77.1	68.4	64.7	3.5	61.6
G83.0	83.3	90.3	91.6	86.9	77.4	68.7	60.7	56.6	2.1	53.9
G84.0	73.5	79.9	81.2	77.0	68.2	60.3	53.0	48.7	2.1	46.4
G85.0	63.6	69.6	70.7	67.0	59.1	51.9	45.3	41.0	2.2	39.1
G86.0	53.8	59.2	60.3	57.1	50.0	43.6	37.8	33.4	2.1	32.1
G87.0	44.0	48.8	49.9	47.2	40.9	35.3	30.3	26.1	2.1	25.3
G88.0	34.1	38.4	39.5	37.3	31.8	27.0	22.8	19.0	2.1	18.6
G89.0	24.3	28.1	29.0	27.3	22.7	18.8	15.3	12.0	2.1	12.1
G90.0	2.0	2.2	2.5	2.9	3.5	4.1	4.7	5.6	2.2	5.0
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:





### Candlepower Table (Continue 8)

Unit: cd

G\C	C150.0	C165.0	C180.0	C195.0	C210.0	C225.0	C240.0	C255.0	C270.0	C285.0
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G122.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G134.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



## Candlepower Table (Continue 9)

Unit: cd

G\C	C150.0	C165.0	C180.0	C195.0	C210.0	C225.0	C240.0	C255.0	C270.0	C285.0
G148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G151.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G154.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G155.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G157.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G159.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G161.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G162.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G164.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G166.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G168.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G169.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G171.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G173.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G174.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G179.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



## Candlepower Table (Continue 10)

Unit: cd

G\C	C300.0	C315.0	C330.0	C345.0	C360.0					
G0.0	2886.1	2886.1	2886.1	2886.1	2886.1					
G1.0	2861.8	2852.4	2845.3	2841.0	2839.7					
G2.0	2837.4	2818.6	2804.5	2795.9	2793.4					
G3.0	2812.8	2784.7	2763.5	2750.7	2747.0					
G4.0	2787.9	2750.6	2722.5	2705.5	2700.6					
G5.0	2762.6	2716.1	2681.3	2660.3	2654.3					
G6.0	2736.9	2681.4	2640.0	2614.9	2607.9					
G7.0	2710.8	2646.2	2598.4	2569.6	2561.5					
G8.0	2684.5	2610.7	2556.6	2524.2	2515.1					
G9.0	2657.5	2574.9	2514.5	2478.7	2468.8					
G10.0	2630.1	2538.8	2472.2	2433.1	2422.4					
G11.0	2602.4	2502.0	2429.6	2387.6	2376.0					
G12.0	2574.1	2464.8	2386.8	2341.8	2329.7					
G13.0	2545.2	2427.3	2343.7	2296.0	2283.3					
G14.0	2515.9	2389.3	2300.3	2250.0	2236.9					
G15.0	2485.8	2350.6	2256.5	2204.0	2190.6					
G16.0	2455.3	2311.4	2212.4	2157.9	2144.2					
G17.0	2424.0	2271.7	2167.9	2111.6	2097.8					
G18.0	2392.2	2231.1	2123.0	2065.2	2051.4					
G19.0	2359.6	2190.1	2077.9	2018.8	2005.1					
G20.0	2325.9	2148.4	2032.4	1972.2	1958.7					
G21.0	2291.4	2105.9	1986.4	1925.4	1912.3					
G22.0	2256.3	2062.6	1939.9	1878.4	1866.0					
G23.0	2219.7	2018.7	1893.0	1831.4	1819.6					
G24.0	2182.3	1973.5	1845.8	1784.3	1773.2					
G25.0	2143.6	1927.4	1798.0	1737.0	1726.8					
G26.0	2103.8	1880.3	1749.6	1689.6	1680.5					
G27.0	2063.1	1832.7	1700.7	1642.1	1634.1					
G28.0	2020.6	1783.7	1651.4	1594.5	1587.7					
G29.0	1977.1	1733.4	1601.7	1546.6	1541.4					
G30.0	1931.9	1682.2	1551.1	1498.6	1495.0					
G31.0	1885.3	1629.6	1500.2	1451.5	1454.8					
G32.0	1837.4	1575.8	1448.5	1411.2	1414.6					
G33.0	1787.9	1521.1	1396.3	1370.9	1374.4					
G34.0	1736.9	1464.7	1347.1	1330.6	1334.2					
G35.0	1684.0	1406.8	1306.2	1290.3	1294.0					
G36.0	1629.2	1347.7	1265.5	1250.1	1253.8					

C Plane (°):0.0-360.0: 15.0

Test Lab: OUTLUX

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600

Distance: 6.811 m

Humidity:

Inspector:



## Candlepower Table (Continue 11)

Unit: cd

G\C	C300.0	C315.0	C330.0	C345.0	C360.0					
G37.0	1572.3	1287.2	1224.6	1210.0	1213.6					
G38.0	1513.3	1225.2	1184.1	1170.0	1173.4					
G39.0	1451.7	1162.1	1144.0	1130.1	1133.2					
G40.0	1387.7	1115.4	1104.1	1090.2	1093.0					
G41.0	1322.3	1073.8	1064.3	1050.4	1052.8					
G42.0	1254.3	1032.6	1024.3	1010.7	1012.5					
G43.0	1184.1	992.0	984.7	970.8	972.3					
G44.0	1113.1	951.5	945.3	931.0	932.1					
G45.0	1038.5	911.4	906.2	891.3	891.9					
G46.0	962.3	871.5	867.3	851.7	851.7					
G47.0	884.2	832.3	828.5	812.2	811.5					
G48.0	804.2	793.7	790.0	772.8	771.3					
G49.0	722.9	755.6	751.9	733.4	731.1					
G50.0	678.8	717.9	714.0	694.0	690.9					
G51.0	640.8	681.0	676.5	654.8	650.7					
G52.0	604.4	644.8	639.1	615.6	610.5					
G53.0	569.1	609.7	601.9	576.5	570.3					
G54.0	536.0	575.4	565.0	537.5	530.1					
G55.0	504.5	541.5	528.5	498.4	489.9					
G56.0	474.1	508.4	492.4	459.5	449.7					
G57.0	445.6	476.5	456.5	420.6	409.5					
G58.0	418.2	445.6	421.0	381.8	369.3					
G59.0	391.6	415.0	385.7	343.0	329.1					
G60.0	366.7	385.3	350.8	304.4	288.9					
G61.0	342.7	356.4	316.1	270.0	279.3					
G62.0	319.8	328.3	281.7	260.6	269.8					
G63.0	298.2	301.1	247.6	251.3	260.2					
G64.0	277.7	274.7	227.7	241.9	250.7					
G65.0	258.1	249.0	218.6	232.6	241.1					
G66.0	239.7	224.1	209.6	223.3	231.6					
G67.0	222.2	199.9	200.7	214.0	222.1					
G68.0	205.5	179.4	191.7	204.7	212.5					
G69.0	189.5	170.8	182.9	195.5	203.0					
G70.0	174.4	162.4	174.0	186.2	193.4					
G71.0	159.9	154.0	165.2	176.9	183.9					
G72.0	146.2	145.6	156.4	167.7	174.3					
G73.0	132.9	137.3	147.7	158.5	164.8					

C Plane (°):0.0-360.0: 15.0

Test Lab: OUTLUX

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600

Distance: 6.811 m

Humidity:

Inspector:



## Candlepower Table (Continue 12)

Unit: cd

G\C	C300.0	C315.0	C330.0	C345.0	C360.0					
G74.0	120.7	129.1	139.0	149.3	155.2					
G75.0	112.8	120.9	130.4	140.1	145.7					
G76.0	105.1	112.8	121.8	130.9	136.1					
G77.0	97.5	104.8	113.2	121.7	126.6					
G78.0	90.0	96.8	104.6	112.5	117.1					
G79.0	82.6	88.9	96.1	103.4	107.5					
G80.0	75.2	81.0	87.6	94.2	98.0					
G81.0	67.9	73.2	79.1	85.1	88.4					
G82.0	60.7	65.4	70.7	75.9	78.9					
G83.0	53.5	57.6	62.2	66.8	69.3					
G84.0	46.5	49.9	53.8	57.6	59.8					
G85.0	39.5	42.2	45.4	48.5	50.3					
G86.0	32.5	34.6	37.0	39.4	40.7					
G87.0	25.5	26.9	28.6	30.3	31.2					
G88.0	18.6	19.3	20.3	21.1	21.6					
G89.0	11.6	11.7	11.9	12.0	12.1					
G90.0	7.9	10.5	13.7	17.4	18.6					
G91.0	0.0	0.0	0.0	0.0	0.0					
G92.0	0.0	0.0	0.0	0.0	0.0					
G93.0	0.0	0.0	0.0	0.0	0.0					
G94.0	0.0	0.0	0.0	0.0	0.0					
G95.0	0.0	0.0	0.0	0.0	0.0					
G96.0	0.0	0.0	0.0	0.0	0.0					
G97.0	0.0	0.0	0.0	0.0	0.0					
G98.0	0.0	0.0	0.0	0.0	0.0					
G99.0	0.0	0.0	0.0	0.0	0.0					
G100.0	0.0	0.0	0.0	0.0	0.0					
G101.0	0.0	0.0	0.0	0.0	0.0					
G102.0	0.0	0.0	0.0	0.0	0.0					
G103.0	0.0	0.0	0.0	0.0	0.0					
G104.0	0.0	0.0	0.0	0.0	0.0					
G105.0	0.0	0.0	0.0	0.0	0.0					
G106.0	0.0	0.0	0.0	0.0	0.0					
G107.0	0.0	0.0	0.0	0.0	0.0					
G108.0	0.0	0.0	0.0	0.0	0.0					
G109.0	0.0	0.0	0.0	0.0	0.0					
G110.0	0.0	0.0	0.0	0.0	0.0					

C Plane (°):0.0-360.0: 15.0

Test Lab: OUTLUX

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600

Distance: 6.811 m

Humidity:

Inspector:



## Candlepower Table (Continue 13)

Unit: cd

G\C	C300.0	C315.0	C330.0	C345.0	C360.0					
G111.0	0.0	0.0	0.0	0.0	0.0					
G112.0	0.0	0.0	0.0	0.0	0.0					
G113.0	0.0	0.0	0.0	0.0	0.0					
G114.0	0.0	0.0	0.0	0.0	0.0					
G115.0	0.0	0.0	0.0	0.0	0.0					
G116.0	0.0	0.0	0.0	0.0	0.0					
G117.0	0.0	0.0	0.0	0.0	0.0					
G118.0	0.0	0.0	0.0	0.0	0.0					
G119.0	0.0	0.0	0.0	0.0	0.0					
G120.0	0.0	0.0	0.0	0.0	0.0					
G121.0	0.0	0.0	0.0	0.0	0.0					
G122.0	0.0	0.0	0.0	0.0	0.0					
G123.0	0.0	0.0	0.0	0.0	0.0					
G124.0	0.0	0.0	0.0	0.0	0.0					
G125.0	0.0	0.0	0.0	0.0	0.0					
G126.0	0.0	0.0	0.0	0.0	0.0					
G127.0	0.0	0.0	0.0	0.0	0.0					
G128.0	0.0	0.0	0.0	0.0	0.0					
G129.0	0.0	0.0	0.0	0.0	0.0					
G130.0	0.0	0.0	0.0	0.0	0.0					
G131.0	0.0	0.0	0.0	0.0	0.0					
G132.0	0.0	0.0	0.0	0.0	0.0					
G133.0	0.0	0.0	0.0	0.0	0.0					
G134.0	0.0	0.0	0.0	0.0	0.0					
G135.0	0.0	0.0	0.0	0.0	0.0					
G136.0	0.0	0.0	0.0	0.0	0.0					
G137.0	0.0	0.0	0.0	0.0	0.0					
G138.0	0.0	0.0	0.0	0.0	0.0					
G139.0	0.0	0.0	0.0	0.0	0.0					
G140.0	0.0	0.0	0.0	0.0	0.0					
G141.0	0.0	0.0	0.0	0.0	0.0					
G142.0	0.0	0.0	0.0	0.0	0.0					
G143.0	0.0	0.0	0.0	0.0	0.0					
G144.0	0.0	0.0	0.0	0.0	0.0					
G145.0	0.0	0.0	0.0	0.0	0.0					
G146.0	0.0	0.0	0.0	0.0	0.0					
G147.0	0.0	0.0	0.0	0.0	0.0					

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector:



## Candlepower Table (Continue 14)

Unit: cd

G\C	C300.0	C315.0	C330.0	C345.0	C360.0					
G148.0	0.0	0.0	0.0	0.0	0.0					
G149.0	0.0	0.0	0.0	0.0	0.0					
G150.0	0.0	0.0	0.0	0.0	0.0					
G151.0	0.0	0.0	0.0	0.0	0.0					
G152.0	0.0	0.0	0.0	0.0	0.0					
G153.0	0.0	0.0	0.0	0.0	0.0					
G154.0	0.0	0.0	0.0	0.0	0.0					
G155.0	0.0	0.0	0.0	0.0	0.0					
G156.0	0.0	0.0	0.0	0.0	0.0					
G157.0	0.0	0.0	0.0	0.0	0.0					
G158.0	0.0	0.0	0.0	0.0	0.0					
G159.0	0.0	0.0	0.0	0.0	0.0					
G160.0	0.0	0.0	0.0	0.0	0.0					
G161.0	0.0	0.0	0.0	0.0	0.0					
G162.0	0.0	0.0	0.0	0.0	0.0					
G163.0	0.0	0.0	0.0	0.0	0.0					
G164.0	0.0	0.0	0.0	0.0	0.0					
G165.0	0.0	0.0	0.0	0.0	0.0					
G166.0	0.0	0.0	0.0	0.0	0.0					
G167.0	0.0	0.0	0.0	0.0	0.0					
G168.0	0.0	0.0	0.0	0.0	0.0					
G169.0	0.0	0.0	0.0	0.0	0.0					
G170.0	0.0	0.0	0.0	0.0	0.0					
G171.0	0.0	0.0	0.0	0.0	0.0					
G172.0	0.0	0.0	0.0	0.0	0.0					
G173.0	0.0	0.0	0.0	0.0	0.0					
G174.0	0.0	0.0	0.0	0.0	0.0					
G175.0	0.0	0.0	0.0	0.0	0.0					
G176.0	0.0	0.0	0.0	0.0	0.0					
G177.0	0.0	0.0	0.0	0.0	0.0					
G178.0	0.0	0.0	0.0	0.0	0.0					
G179.0	0.0	0.0	0.0	0.0	0.0					
G180.0	0.0	0.0	0.0	0.0	0.0					

C Plane (°):0.0-360.0: 15.0  
 Test Lab: OUTLUX  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.811 m  
 Humidity:  
 Inspector: