

Report No.:

Test Time: 2020-11-6 15:02

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MLS0210W12V27KD25 (不带帽沿CXM-7-27-80, 10.71W, 二次)

Lamp Catalog: CXM-7-27-80-36

Lamp Description: DDC10WB12S-230

Voltage: 11.8 V

Current: 0.990 A

Power: 10.59 W

Power Factor: 0.905

Volt Amps: 11.70 VA

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 781.2 lm

Measurement Flux: 781.2 lm

Efficiency: 100%

Downward Ratio: 99%

Upward Ratio: 1%

Horizontal Diffuse Angle(10%,50%,75%,100%): H62.4,H31.7,H21.6,H3

Vertical Diffuse Angle(10%,50%,75%,100%): V62.9,V31.9,V21.3,V1

Luminaire Efficacy Rating (LER): 73.82

Central Intensity: 1958.88 cd

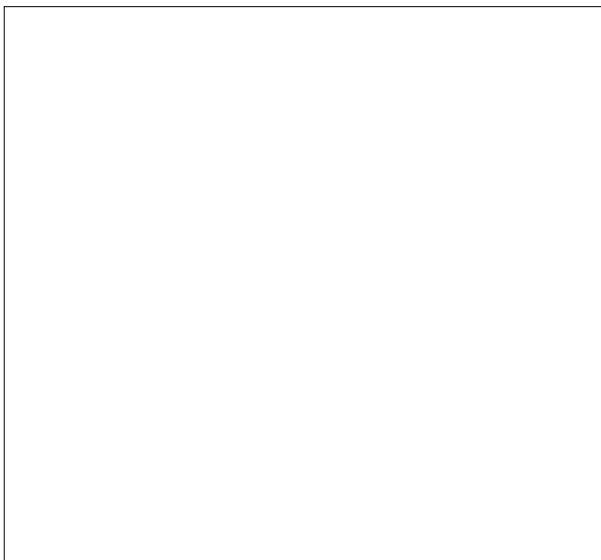
Max. Intensity: 1993.03 cd

Pos of Max. Intensity: H0 V3

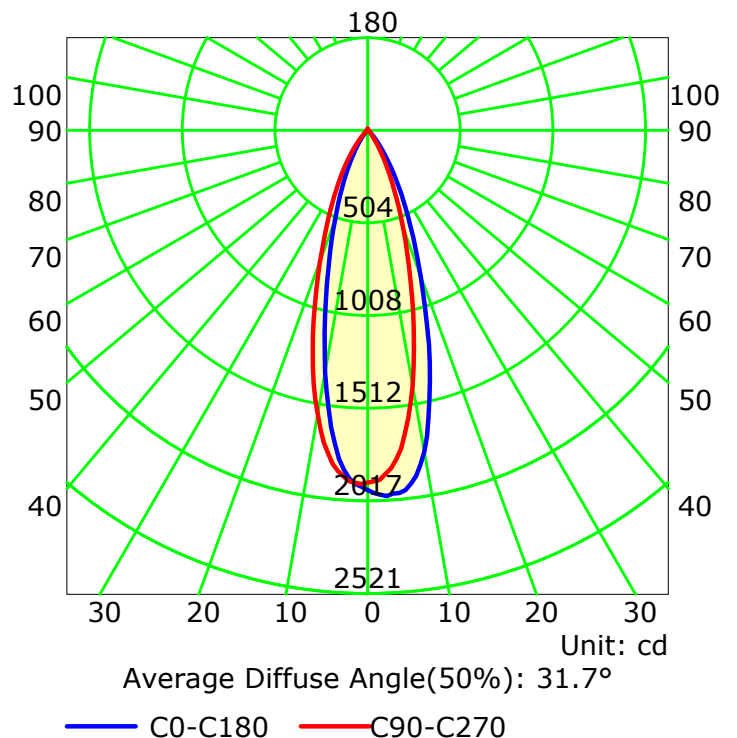
S/MH(C0/C180): 0.53

S/MH(C90/C270): 0.53

Picture Of Luminaire



Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

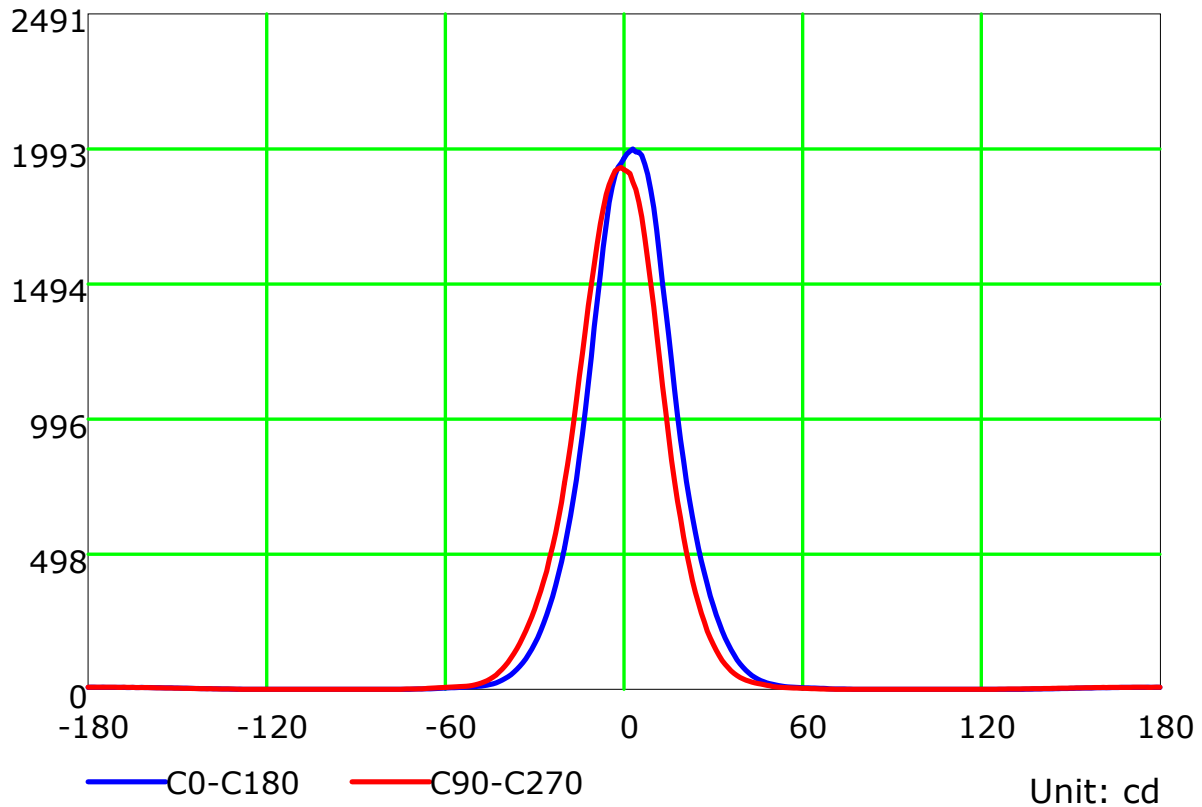
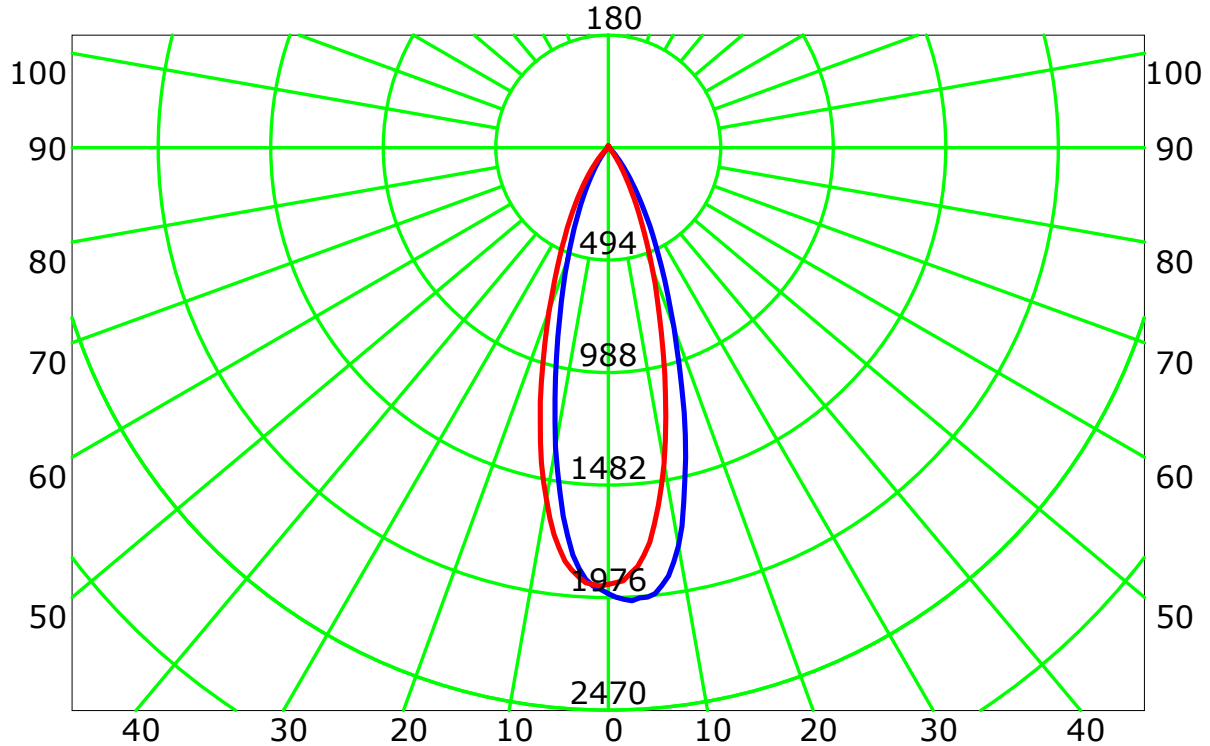
Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

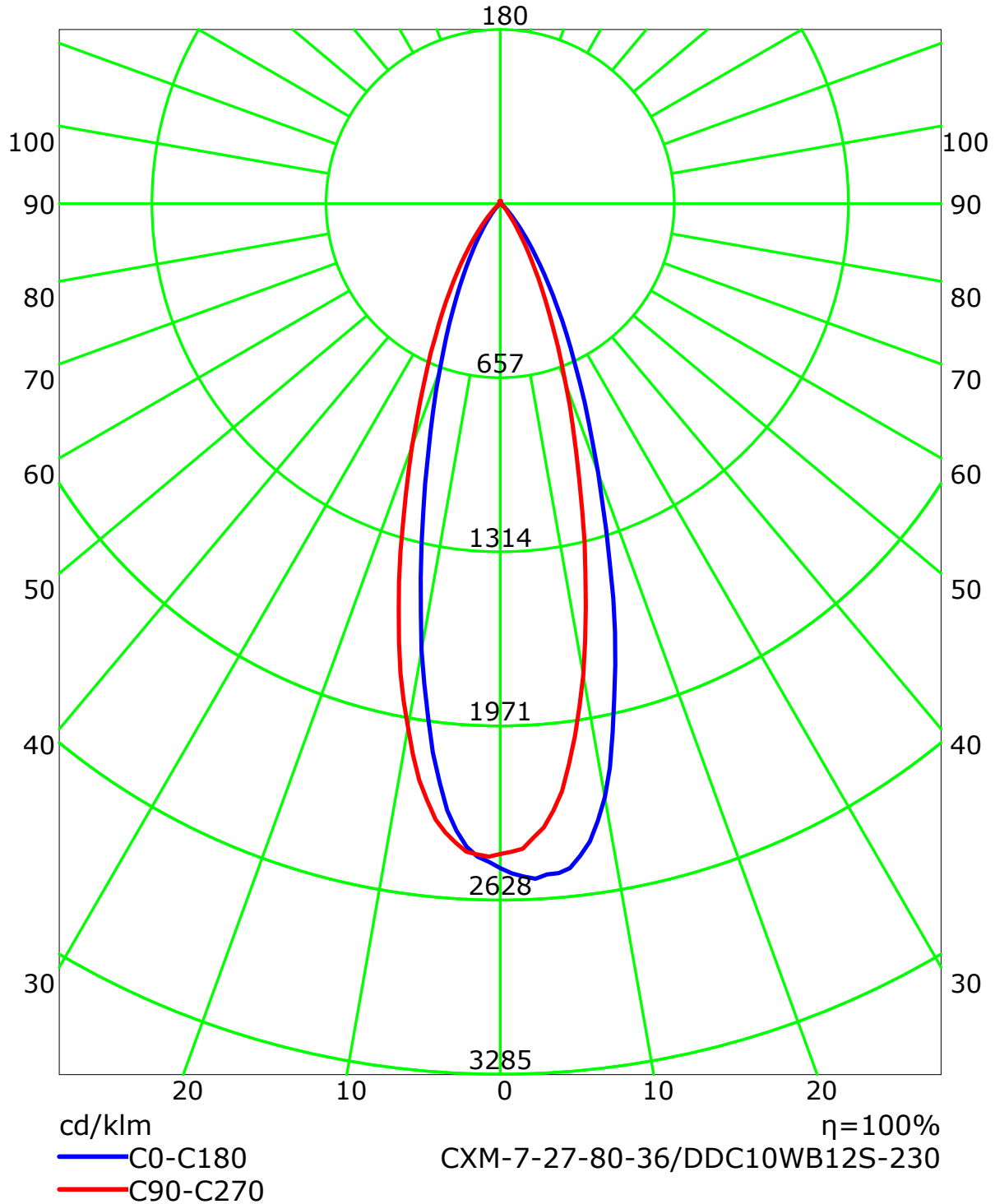
Luminous Intensity Distribution Curve



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



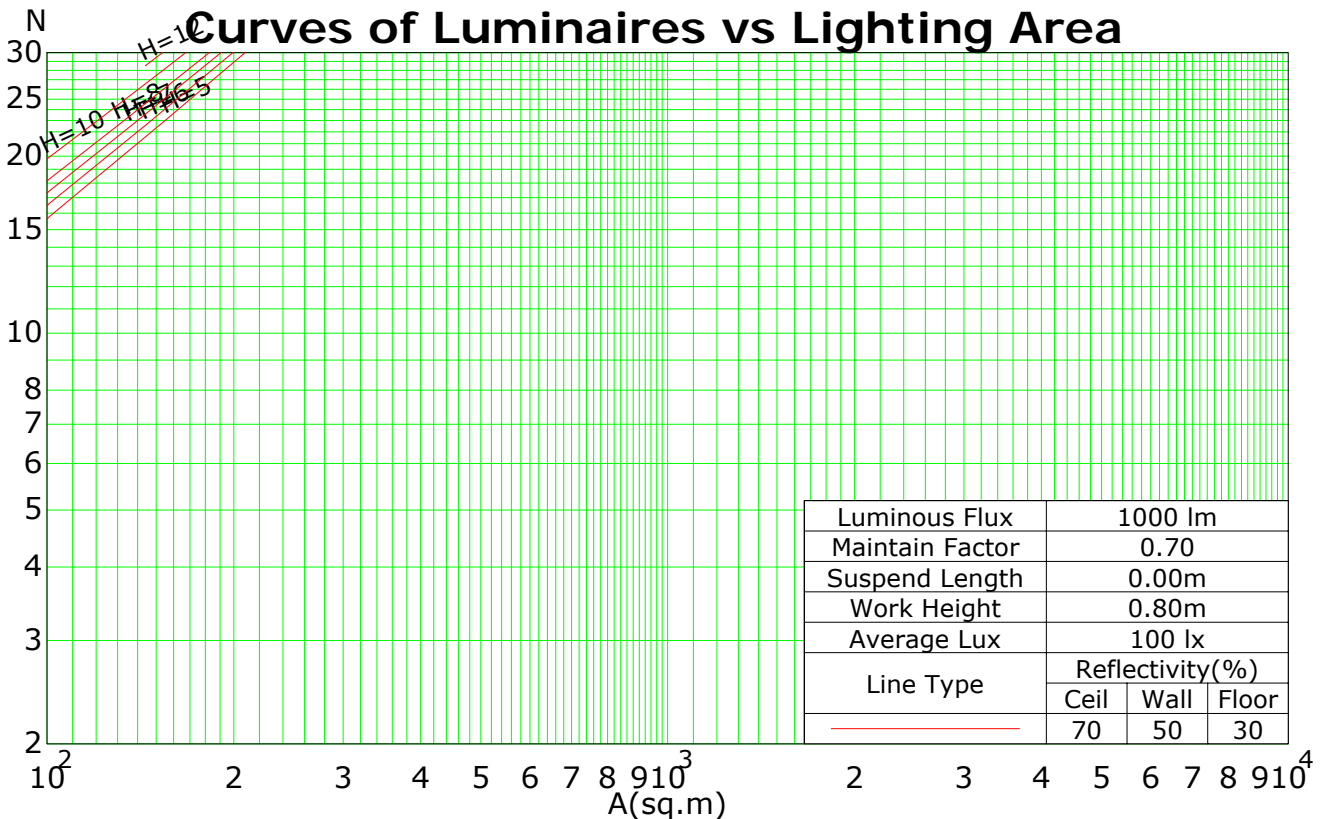
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	101	101	101	99
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	105	99	95	91	103	98	94	90	95	92	89	92	90	87	90	88	86	84
4	100	94	89	85	99	93	88	85	90	87	84	88	85	83	86	84	82	80
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76
6	92	85	80	76	91	84	79	76	82	78	75	81	77	75	80	77	74	73
7	89	81	76	72	88	80	75	72	79	75	72	78	74	71	77	73	71	69
8	86	77	72	69	84	77	72	69	76	71	68	75	71	68	74	70	68	66
9	82	74	69	66	81	74	69	66	73	68	65	72	68	65	71	67	65	64
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	68	65	62	61

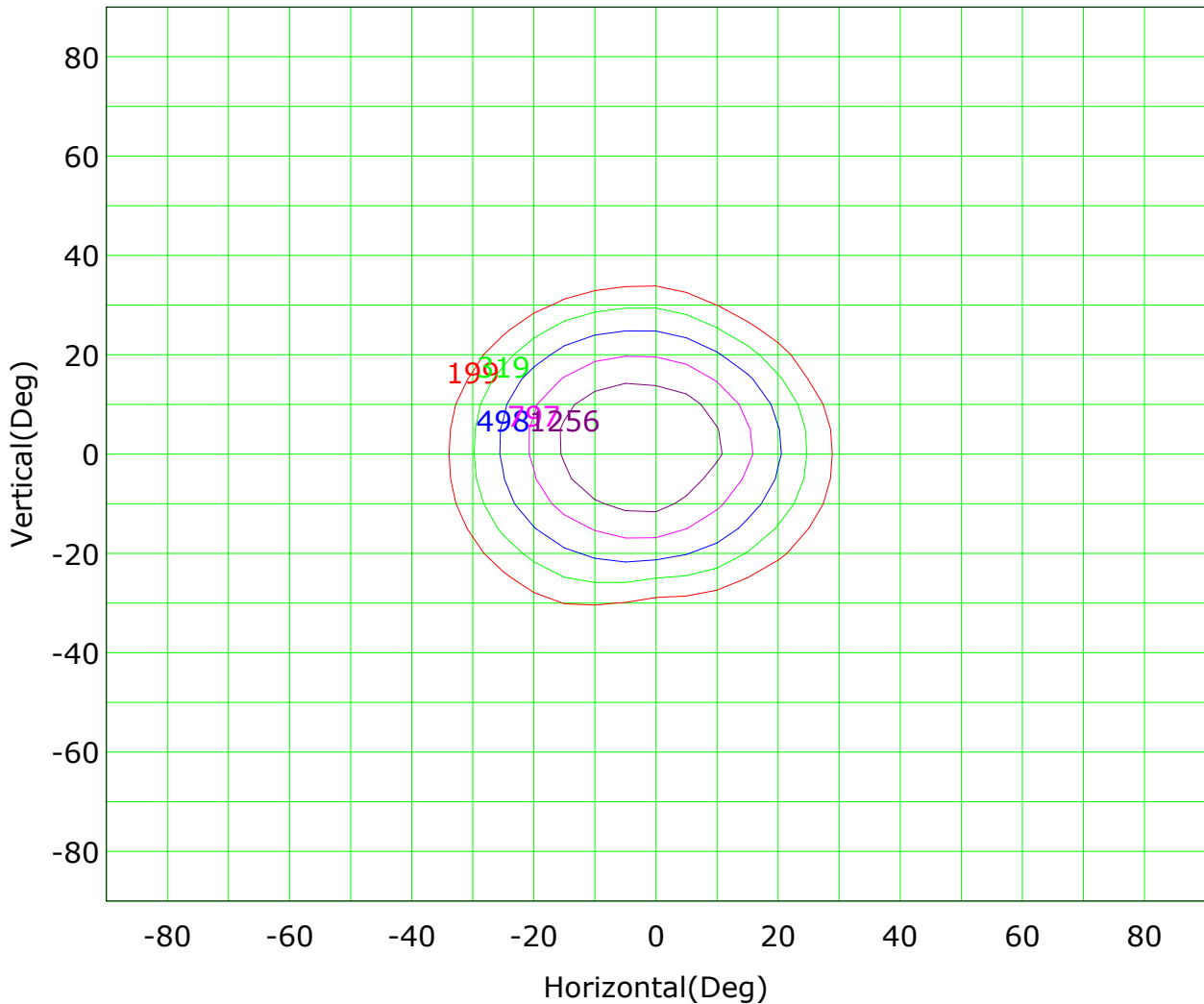
Spacing Criteria (0-180): 0.53
 Spacing Criteria (90-270): 0.53
 Spacing Criteria (Diagonal): 0.55



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Isocandela (rectangle)



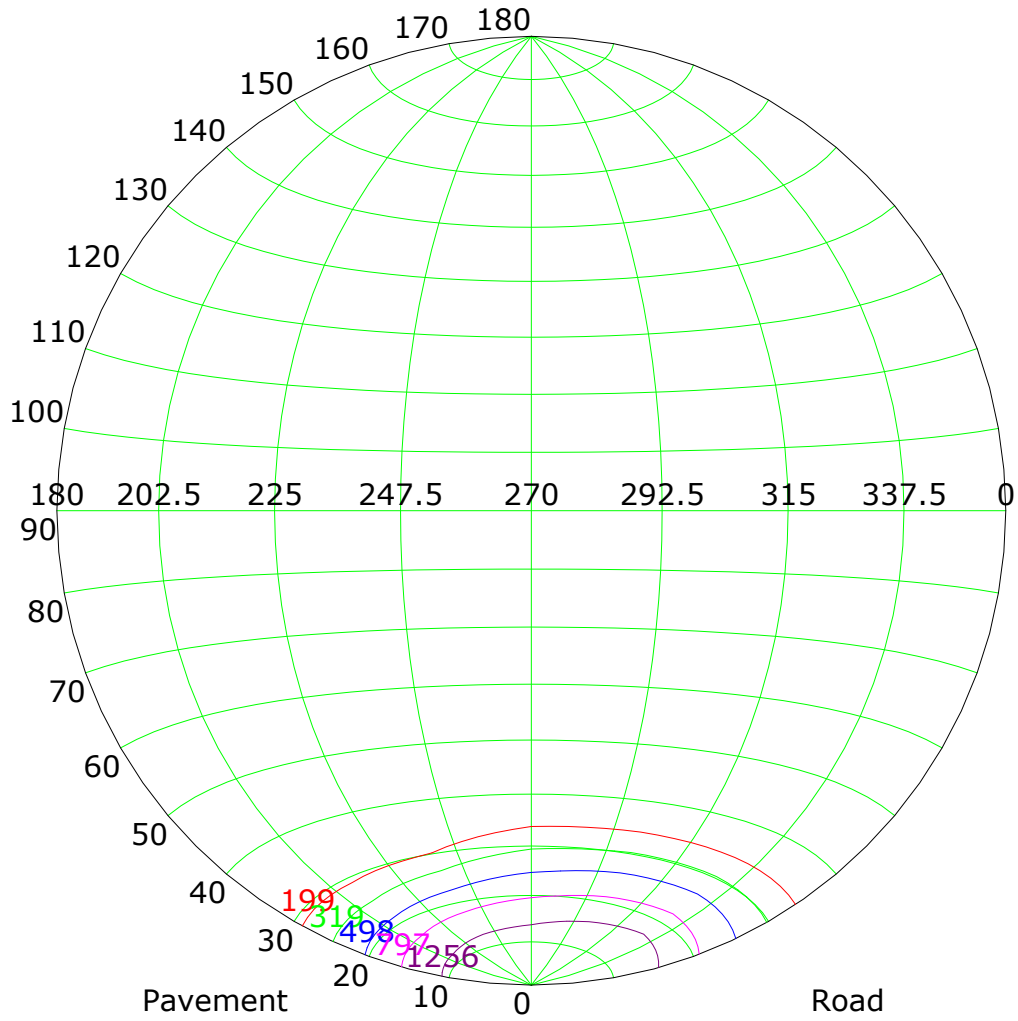
Imax (100%): 1993 cd

- | | |
|-------------------|-------------------|
| — (10%): 199 cd | — (16%): 319 cd |
| — (25%): 498 cd | — (40%): 797 cd |
| — (63%): 1256 cd | — (100%): 1993 cd |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Isocandela (sphere)



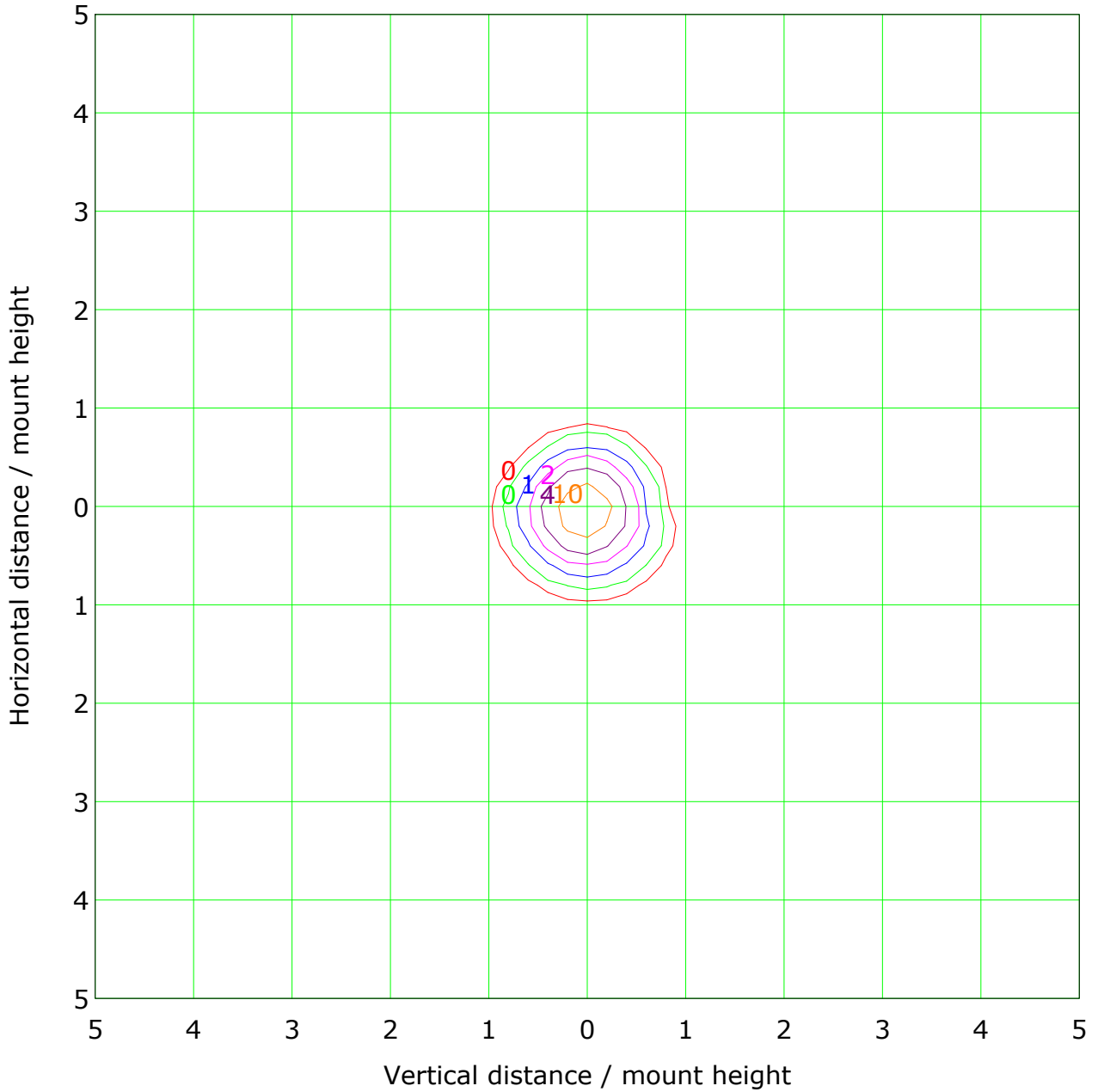
Imax (100%): 1993 cd

- | | |
|-------------------|-------------------|
| — (10%): 199 cd | — (16%): 319 cd |
| — (25%): 498 cd | — (40%): 797 cd |
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C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

IsoLux Plot



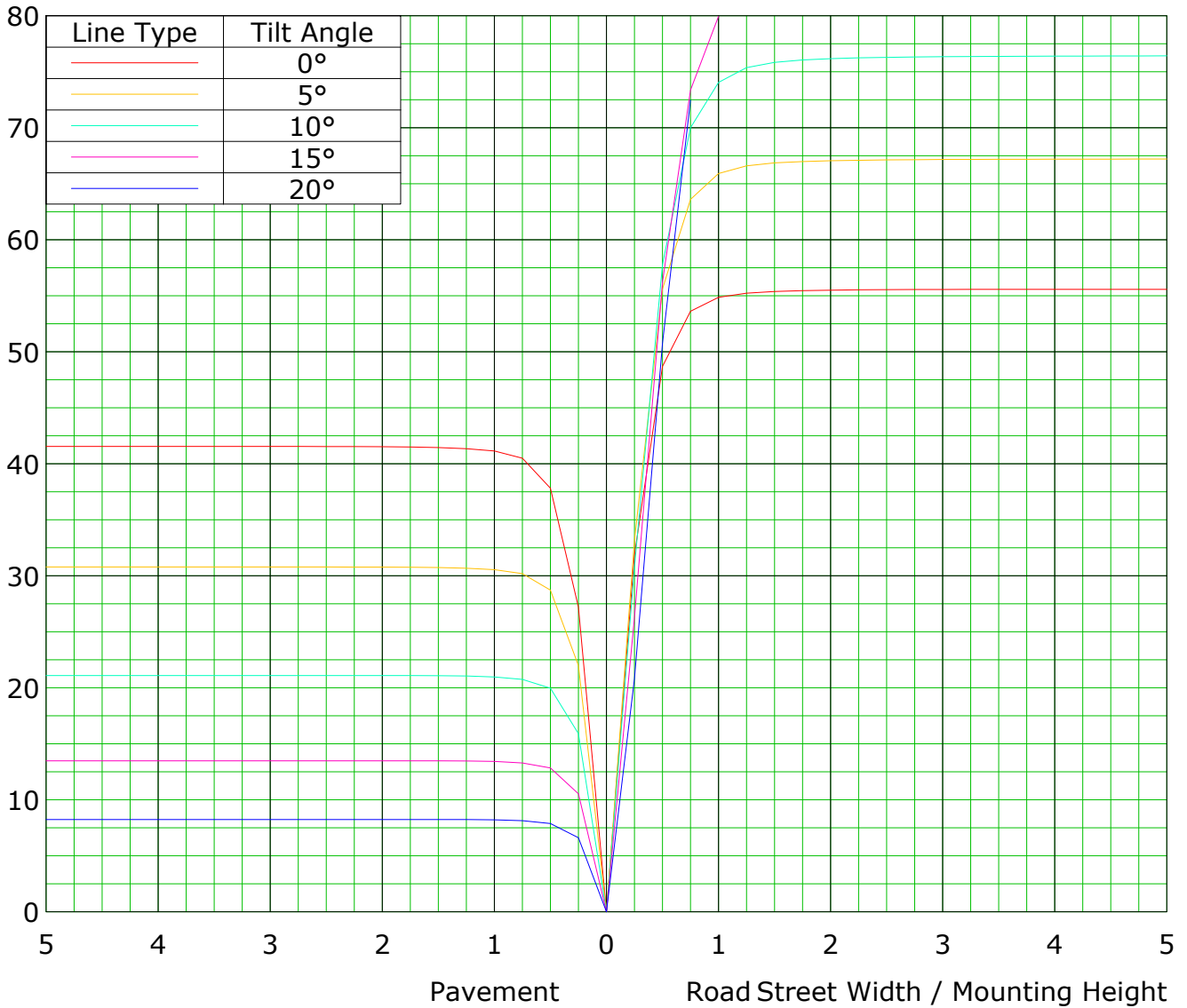
Mounting Height: 10.0m		Max Lux(100%): 19.8 lx	
<ul style="list-style-type: none"> — (1%): 0.2 lx — (5%): 1.0 lx — (20%): 4.0 lx — (100%): 19.8 lx 	<ul style="list-style-type: none"> — (2%): 0.4 lx — (10%): 2.0 lx — (50%): 9.9 lx 		

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)



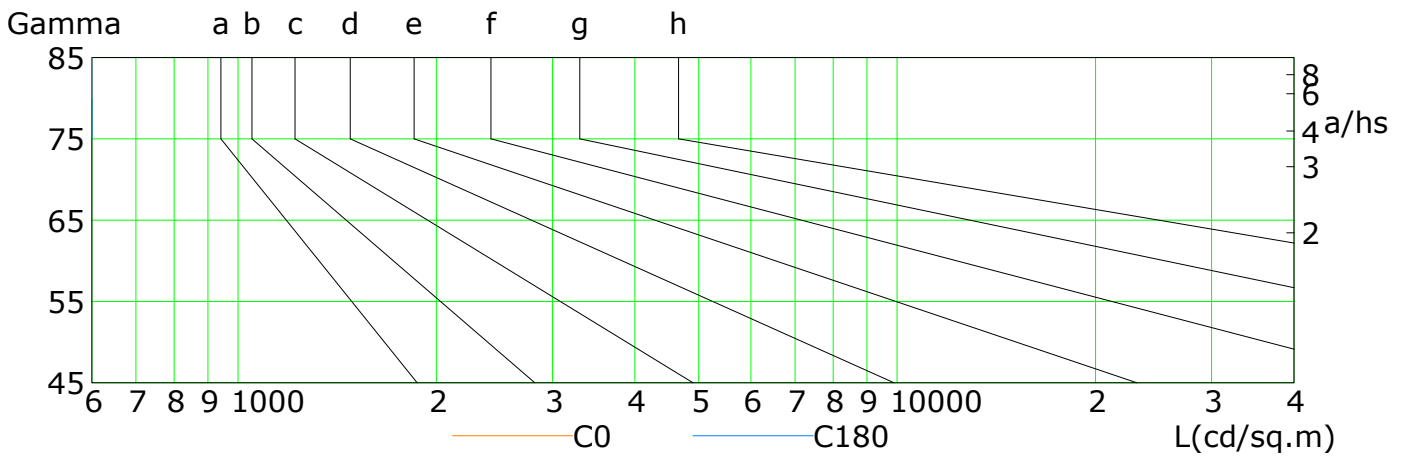
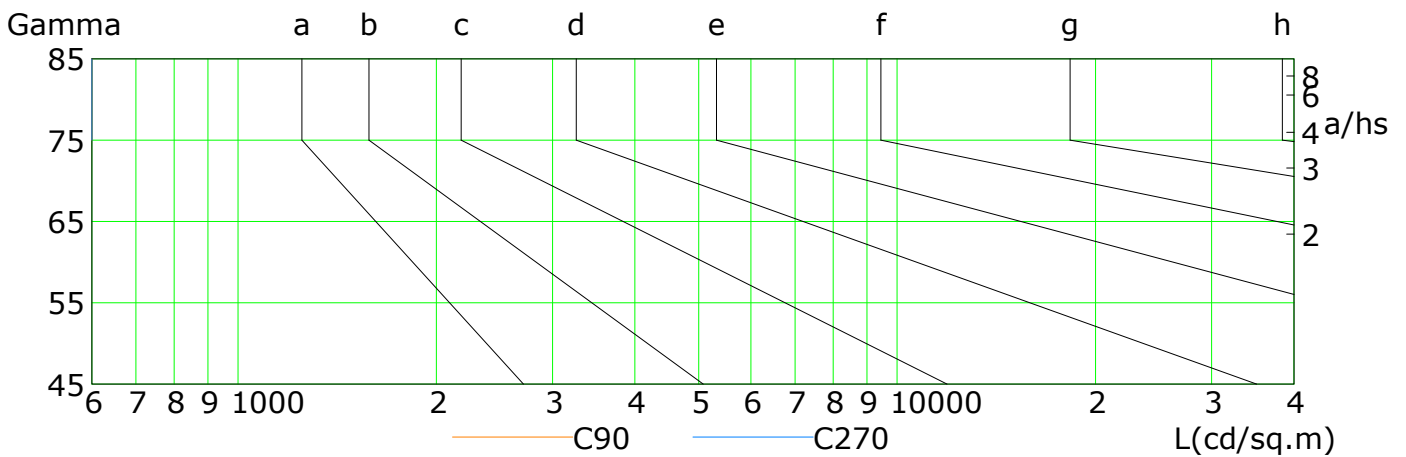
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 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	37	19	9	6	5	2	1	0	0
C90	22	11	6	4	2	1	0	0	0
C180	18	11	7	5	2	1	0	0	0
C270	38	17	10	7	4	2	0	0	0

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

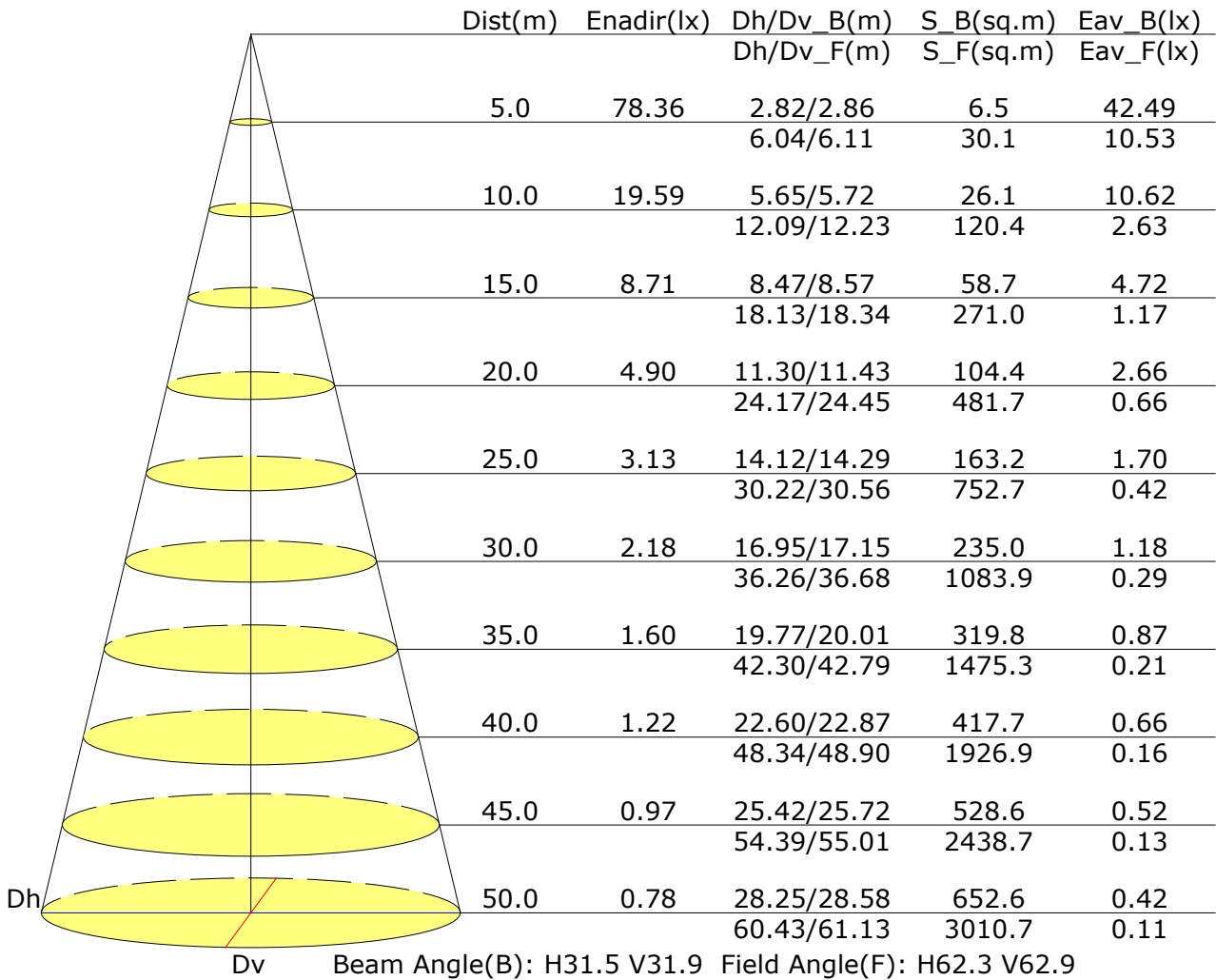
Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

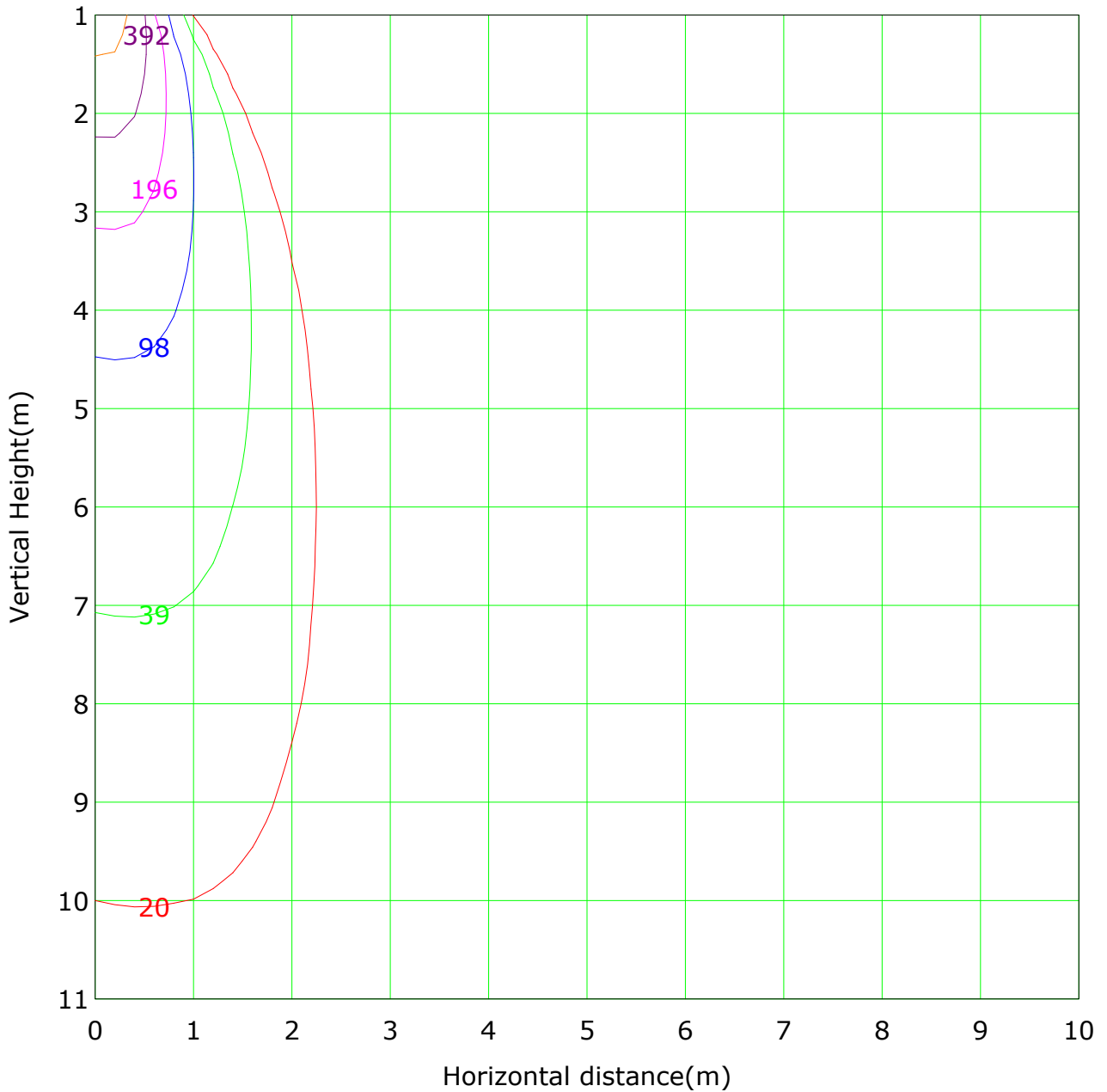
Illuminance at a Distance



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Vertical IsoLux Plot



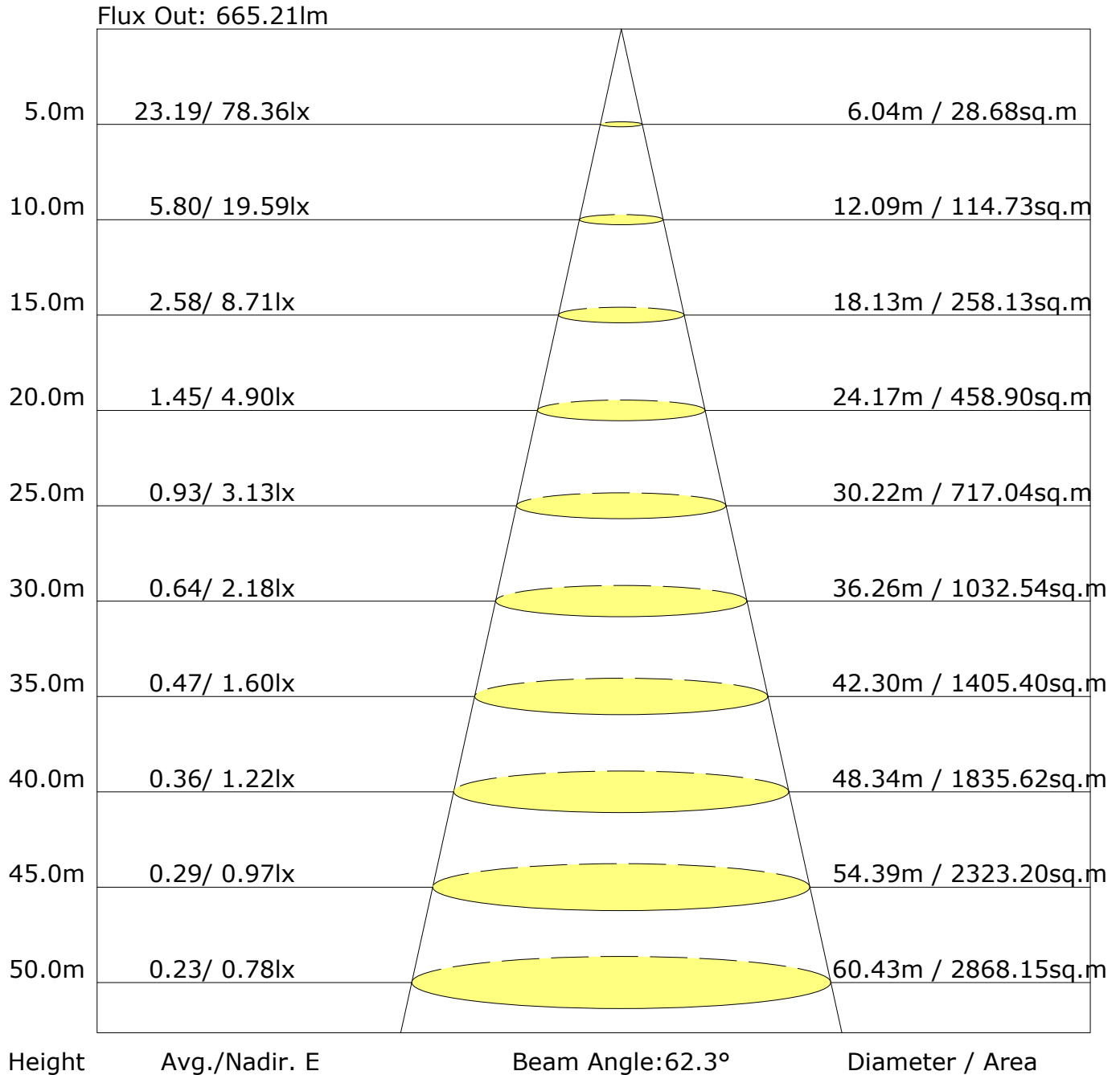
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1958.9 lx

— (1%): 19.6 lx	— (2%): 39.2 lx
— (5%): 97.9 lx	— (10%): 195.9 lx
— (20%): 391.8 lx	— (50%): 979.4 lx
— (100%):1958.9 lx	

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

The Average Illuminance Effective Figure



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

UGR Table

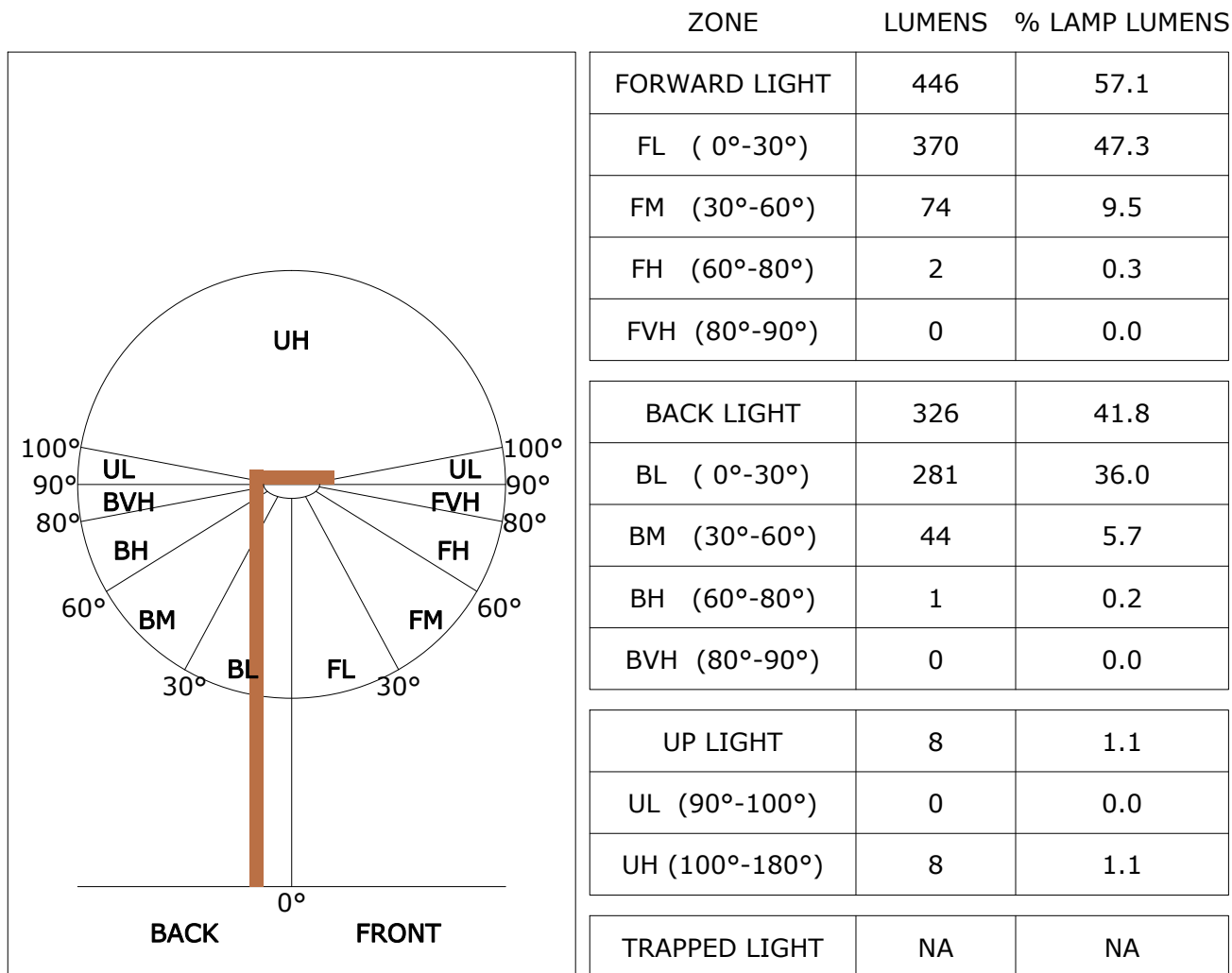
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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										
S=1.5H										
S=2.0H										

Calculate in accordance with CIE Pub.117. The table is revised with 781lm ($8\log(F/F_0) = -0.9$).

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

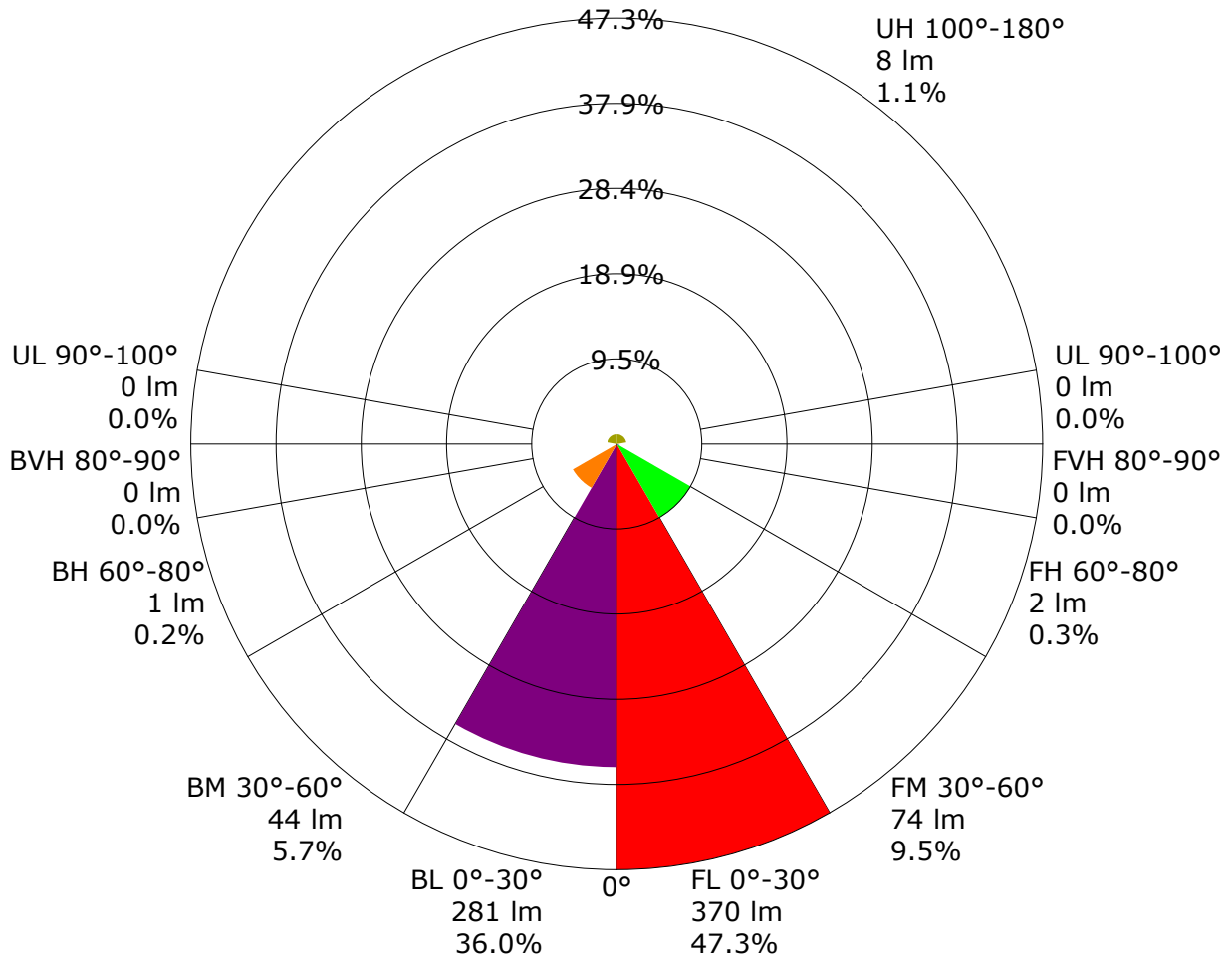


BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U1 G0

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

LCS Graph



Back Light

Forward Light

Scale= MAX LCS%

Trapped Light:NA,NA

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.75									
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	0.91	0.96	1.00	1.02	1.06	1.08	1.09	1.11	1.12	
	0.30		0.87	0.93	0.96	0.99	1.03	1.05	1.07	1.09	1.11	
	0.20		0.84	0.90	0.93	0.96	1.00	1.03	1.05	1.07	1.09	
0.50	0.50	0.20	0.90	0.95	0.98	1.00	1.03	1.04	1.06	1.07	1.08	
	0.30		0.86	0.91	0.95	0.97	1.00	1.02	1.04	1.06	1.07	
	0.20		0.84	0.89	0.92	0.95	0.98	1.00	1.02	1.04	1.06	
0.30	0.50	0.20	0.89	0.93	0.96	0.97	1.00	1.01	1.02	1.04	1.04	
	0.30		0.86	0.90	0.93	0.95	0.98	1.00	1.01	1.02	1.03	
	0.20		0.83	0.88	0.91	0.93	0.96	0.98	1.00	1.01	1.02	
0.00	0.00	0.00	0.82	0.86	0.89	0.91	0.93	0.95	0.96	0.97	0.97	
<p>Rating:11W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 0.75									
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	0.49	0.40	0.34	0.29	0.23	0.19	0.16	0.13	0.10	
	0.30		0.41	0.34	0.29	0.26	0.21	0.18	0.15	0.12	0.10	
	0.20		0.35	0.30	0.26	0.23	0.19	0.16	0.14	0.11	0.09	
0.50	0.50	0.20	0.47	0.37	0.31	0.27	0.21	0.22	0.15	0.11	0.09	
	0.30		0.39	0.32	0.28	0.24	0.19	0.16	0.14	0.11	0.09	
	0.20		0.34	0.29	0.25	0.22	0.18	0.15	0.13	0.10	0.09	
0.30	0.50	0.20	0.44	0.35	0.29	0.25	0.19	0.16	0.13	0.10	0.08	
	0.30		0.38	0.31	0.26	0.22	0.18	0.15	0.13	0.10	0.08	
	0.20		0.33	0.27	0.24	0.21	0.17	0.14	0.12	0.09	0.08	
0.00	0.00	0.00	0.19	0.14	0.12	0.10	0.07	0.06	0.05	0.04	0.03	
<p>Rating:11W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.75								
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	0.13	0.15	0.16	0.17	0.19	0.20	0.20	0.21	0.22
	0.30		0.10	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.21
	0.20		0.07	0.09	0.11	0.12	0.14	0.16	0.17	0.19	0.20
0.50	0.50	0.20	0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.21
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.07	0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.19
0.30	0.50	0.20	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20
	0.30		0.09	0.11	0.13	0.14	0.15	0.17	0.17	0.18	0.19
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.16	0.17	0.18
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
<p>Rating:11W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1931.0	1.8	1.8	0.24	0.24
1.0-2.0	1927.1	5.5	7.4	0.71	0.94
2.0-3.0	1914.6	9.2	16.5	1.17	2.12
3.0-4.0	1891.1	12.7	29.2	1.62	3.74
4.0-5.0	1858.0	16.0	45.2	2.05	5.78
5.0-6.0	1817.0	19.1	64.3	2.44	8.23
6.0-7.0	1766.2	21.9	86.2	2.81	11.04
7.0-8.0	1706.0	24.4	110.6	3.13	14.16
8.0-9.0	1635.8	26.5	137.1	3.39	17.56
9.0-10.0	1557.8	28.2	165.3	3.61	21.16
10.0-11.0	1473.4	29.4	194.8	3.77	24.93
11.0-12.0	1384.2	30.3	225.0	3.87	28.81
12.0-13.0	1292.8	30.7	255.7	3.93	32.74
13.0-14.0	1200.1	30.7	286.4	3.93	36.67
14.0-15.0	1109.5	30.5	316.9	3.90	40.57
15.0-16.0	1021.8	29.9	346.9	3.83	44.40
16.0-17.0	936.8	29.2	376.0	3.73	48.14
17.0-18.0	856.8	28.3	404.3	3.62	51.75
18.0-19.0	782.3	27.2	431.5	3.48	55.24
19.0-20.0	712.4	26.1	457.6	3.34	58.58
20.0-21.0	647.6	24.9	482.5	3.18	61.76
21.0-22.0	588.4	23.6	506.1	3.03	64.79
22.0-23.0	534.0	22.4	528.5	2.87	67.66
23.0-24.0	483.4	21.1	549.6	2.71	70.36
24.0-25.0	437.2	19.9	569.5	2.55	72.91
25.0-26.0	394.7	18.6	588.2	2.39	75.29
26.0-27.0	355.8	17.4	605.6	2.23	77.52
27.0-28.0	320.4	16.2	621.8	2.08	79.60
28.0-29.0	287.3	15.0	636.8	1.92	81.52
29.0-30.0	256.8	13.9	650.7	1.77	83.30
30.0-31.0	229.0	12.7	663.4	1.63	84.93
31.0-32.0	203.6	11.7	675.1	1.49	86.42
32.0-33.0	180.0	10.6	685.7	1.36	87.78
33.0-34.0	158.5	9.6	695.3	1.23	89.01
34.0-35.0	139.2	8.6	704.0	1.11	90.11
35.0-36.0	122.1	7.8	711.7	1.00	91.11

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	106.6	7.0	718.7	0.89	92.00
37.0-38.0	92.5	6.2	724.9	0.79	92.79
38.0-39.0	80.1	5.5	730.3	0.70	93.49
39.0-40.0	69.4	4.8	735.2	0.62	94.11
40.0-41.0	60.0	4.3	739.4	0.55	94.66
41.0-42.0	51.6	3.7	743.2	0.48	95.14
42.0-43.0	44.3	3.3	746.5	0.42	95.56
43.0-44.0	38.2	2.9	749.4	0.37	95.92
44.0-45.0	33.1	2.5	751.9	0.33	96.25
45.0-46.0	28.6	2.2	754.1	0.29	96.54
46.0-47.0	24.8	2.0	756.1	0.25	96.79
47.0-48.0	21.6	1.7	757.8	0.22	97.01
48.0-49.0	18.7	1.5	759.4	0.20	97.21
49.0-50.0	16.4	1.4	760.8	0.17	97.38
50.0-51.0	14.4	1.2	762.0	0.16	97.54
51.0-52.0	12.7	1.1	763.1	0.14	97.68
52.0-53.0	11.3	1.0	764.0	0.13	97.81
53.0-54.0	10.1	0.9	764.9	0.11	97.92
54.0-55.0	9.1	0.8	765.7	0.10	98.02
55.0-56.0	8.4	0.8	766.5	0.10	98.12
56.0-57.0	7.7	0.7	767.2	0.09	98.21
57.0-58.0	7.1	0.7	767.9	0.08	98.29
58.0-59.0	6.5	0.6	768.5	0.08	98.37
59.0-60.0	6.0	0.6	769.0	0.07	98.44
60.0-61.0	5.4	0.5	769.5	0.07	98.51
61.0-62.0	4.9	0.5	770.0	0.06	98.57
62.0-63.0	4.4	0.4	770.4	0.05	98.63
63.0-64.0	3.9	0.4	770.8	0.05	98.67
64.0-65.0	3.4	0.3	771.2	0.04	98.72
65.0-66.0	2.9	0.3	771.5	0.04	98.76
66.0-67.0	2.4	0.2	771.7	0.03	98.79
67.0-68.0	2.1	0.2	771.9	0.03	98.81
68.0-69.0	1.8	0.2	772.1	0.02	98.84
69.0-70.0	1.5	0.2	772.3	0.02	98.86
70.0-71.0	1.2	0.1	772.4	0.02	98.87
71.0-72.0	0.9	0.1	772.5	0.01	98.88

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	0.8	0.1	772.5	0.01	98.89
73.0-74.0	0.6	0.1	772.6	0.01	98.90
74.0-75.0	0.4	0.0	772.7	0.01	98.91
75.0-76.0	0.3	0.0	772.7	0.00	98.91
76.0-77.0	0.2	0.0	772.7	0.00	98.92
77.0-78.0	0.0	0.0	772.7	0.00	98.92
78.0-79.0	0.0	0.0	772.7	0.00	98.92
79.0-80.0	0.0	0.0	772.7	0.00	98.92
80.0-81.0	0.0	0.0	772.7	0.00	98.92
81.0-82.0	0.0	0.0	772.7	0.00	98.92
82.0-83.0	0.0	0.0	772.7	0.00	98.92
83.0-84.0	0.0	0.0	772.7	0.00	98.92
84.0-85.0	0.0	0.0	772.7	0.00	98.92
85.0-86.0	0.0	0.0	772.7	0.00	98.92
86.0-87.0	0.0	0.0	772.7	0.00	98.92
87.0-88.0	0.0	0.0	772.7	0.00	98.92
88.0-89.0	0.0	0.0	772.7	0.00	98.92
89.0-90.0	0.0	0.0	772.7	0.00	98.92
90.0-91.0	0.0	0.0	772.7	0.00	98.92
91.0-92.0	0.0	0.0	772.7	0.00	98.92
92.0-93.0	0.0	0.0	772.7	0.00	98.92
93.0-94.0	0.0	0.0	772.7	0.00	98.92
94.0-95.0	0.0	0.0	772.7	0.00	98.92
95.0-96.0	0.0	0.0	772.7	0.00	98.92
96.0-97.0	0.0	0.0	772.7	0.00	98.92
97.0-98.0	0.0	0.0	772.7	0.00	98.92
98.0-99.0	0.0	0.0	772.7	0.00	98.92
99.0-100.0	0.0	0.0	772.7	0.00	98.92
100.0-101.0	0.0	0.0	772.7	0.00	98.92
101.0-102.0	0.0	0.0	772.7	0.00	98.92
102.0-103.0	0.0	0.0	772.7	0.00	98.92
103.0-104.0	0.0	0.0	772.7	0.00	98.92
104.0-105.0	0.0	0.0	772.7	0.00	98.92
105.0-106.0	0.0	0.0	772.7	0.00	98.92
106.0-107.0	0.0	0.0	772.7	0.00	98.92
107.0-108.0	0.0	0.0	772.7	0.00	98.92

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 3)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	772.7	0.00	98.92
109.0-110.0	0.0	0.0	772.7	0.00	98.92
110.0-111.0	0.0	0.0	772.7	0.00	98.92
111.0-112.0	0.0	0.0	772.7	0.00	98.92
112.0-113.0	0.0	0.0	772.7	0.00	98.92
113.0-114.0	0.0	0.0	772.7	0.00	98.92
114.0-115.0	0.0	0.0	772.7	0.00	98.92
115.0-116.0	0.0	0.0	772.7	0.00	98.92
116.0-117.0	0.0	0.0	772.7	0.00	98.92
117.0-118.0	0.0	0.0	772.7	0.00	98.92
118.0-119.0	0.0	0.0	772.7	0.00	98.92
119.0-120.0	0.0	0.0	772.7	0.00	98.92
120.0-121.0	0.0	0.0	772.7	0.00	98.92
121.0-122.0	0.0	0.0	772.7	0.00	98.92
122.0-123.0	0.0	0.0	772.7	0.00	98.92
123.0-124.0	0.0	0.0	772.7	0.00	98.92
124.0-125.0	0.0	0.0	772.7	0.00	98.92
125.0-126.0	0.0	0.0	772.7	0.00	98.92
126.0-127.0	0.1	0.0	772.7	0.00	98.92
127.0-128.0	0.2	0.0	772.7	0.00	98.92
128.0-129.0	0.4	0.0	772.8	0.00	98.92
129.0-130.0	0.5	0.0	772.8	0.00	98.93
130.0-131.0	0.5	0.0	772.9	0.01	98.93
131.0-132.0	0.8	0.1	772.9	0.01	98.94
132.0-133.0	1.1	0.1	773.0	0.01	98.95
133.0-134.0	1.2	0.1	773.1	0.01	98.97
134.0-135.0	1.4	0.1	773.2	0.01	98.98
135.0-136.0	1.6	0.1	773.3	0.02	99.00
136.0-137.0	1.7	0.1	773.5	0.02	99.01
137.0-138.0	1.8	0.1	773.6	0.02	99.03
138.0-139.0	2.0	0.1	773.7	0.02	99.05
139.0-140.0	2.2	0.2	773.9	0.02	99.07
140.0-141.0	2.4	0.2	774.1	0.02	99.09
141.0-142.0	2.5	0.2	774.2	0.02	99.11
142.0-143.0	2.7	0.2	774.4	0.02	99.13
143.0-144.0	3.0	0.2	774.6	0.02	99.16

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	3.2	0.2	774.8	0.03	99.19
145.0-146.0	3.4	0.2	775.0	0.03	99.21
146.0-147.0	3.7	0.2	775.3	0.03	99.24
147.0-148.0	3.9	0.2	775.5	0.03	99.27
148.0-149.0	4.1	0.2	775.7	0.03	99.30
149.0-150.0	4.3	0.2	776.0	0.03	99.33
150.0-151.0	4.5	0.2	776.2	0.03	99.36
151.0-152.0	4.8	0.3	776.5	0.03	99.39
152.0-153.0	5.0	0.3	776.7	0.03	99.43
153.0-154.0	5.3	0.3	777.0	0.03	99.46
154.0-155.0	5.5	0.3	777.2	0.03	99.49
155.0-156.0	5.7	0.3	777.5	0.03	99.53
156.0-157.0	5.9	0.3	777.7	0.03	99.56
157.0-158.0	6.0	0.3	778.0	0.03	99.59
158.0-159.0	6.2	0.2	778.2	0.03	99.62
159.0-160.0	6.4	0.2	778.5	0.03	99.65
160.0-161.0	6.6	0.2	778.7	0.03	99.69
161.0-162.0	6.7	0.2	779.0	0.03	99.72
162.0-163.0	6.9	0.2	779.2	0.03	99.74
163.0-164.0	6.9	0.2	779.4	0.03	99.77
164.0-165.0	7.0	0.2	779.6	0.03	99.80
165.0-166.0	7.1	0.2	779.8	0.03	99.82
166.0-167.0	7.2	0.2	780.0	0.02	99.85
167.0-168.0	7.3	0.2	780.2	0.02	99.87
168.0-169.0	7.3	0.2	780.3	0.02	99.89
169.0-170.0	7.3	0.1	780.5	0.02	99.91
170.0-171.0	7.4	0.1	780.6	0.02	99.93
171.0-172.0	7.4	0.1	780.7	0.02	99.94
172.0-173.0	7.5	0.1	780.8	0.01	99.95
173.0-174.0	7.5	0.1	780.9	0.01	99.97
174.0-175.0	7.6	0.1	781.0	0.01	99.98
175.0-176.0	7.6	0.1	781.1	0.01	99.99
176.0-177.0	7.6	0.1	781.1	0.01	99.99
177.0-178.0	7.6	0.0	781.2	0.00	100.00
178.0-179.0	7.7	0.0	781.2	0.00	100.00
179.0-180.0	7.7	0.0	781.2	0.00	100.00

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G0.0	1958.9	1959.5	1946.0	1917.4	1904.4	1900.9	1958.9	1959.5	1946.0	1917.4
G1.0	1974.8	1971.4	1948.6	1911.1	1886.3	1870.4	1940.6	1939.4	1945.6	1925.7
G2.0	1984.8	1976.5	1945.3	1903.2	1851.5	1819.1	1926.2	1928.5	1931.7	1920.1
G3.0	1993.0	1972.2	1936.5	1871.8	1807.8	1761.1	1898.3	1905.2	1907.4	1913.3
G4.0	1982.3	1959.5	1901.4	1843.7	1746.0	1678.4	1852.8	1871.2	1887.9	1888.6
G5.0	1981.4	1935.8	1854.9	1797.2	1675.9	1591.1	1795.3	1827.1	1856.7	1861.0
G6.0	1969.6	1905.1	1799.4	1742.1	1600.3	1516.3	1714.5	1764.6	1824.8	1825.8
G7.0	1937.0	1861.3	1737.2	1665.1	1514.2	1434.2	1630.3	1690.6	1777.8	1771.9
G8.0	1899.3	1802.3	1653.8	1584.9	1430.0	1356.9	1529.5	1610.4	1704.8	1716.7
G9.0	1841.9	1719.5	1575.6	1498.1	1344.6	1254.9	1432.3	1510.8	1632.7	1645.2
G10.0	1776.7	1641.2	1495.8	1410.8	1254.4	1165.8	1337.6	1405.3	1541.0	1566.7
G11.0	1694.4	1558.0	1407.6	1313.3	1152.4	1076.3	1227.3	1303.2	1447.6	1493.1
G12.0	1594.0	1467.1	1321.2	1214.9	1063.2	989.6	1127.6	1206.5	1344.9	1415.2
G13.0	1495.2	1371.3	1227.1	1117.7	979.2	903.9	1032.3	1104.6	1242.2	1327.2
G14.0	1403.3	1278.1	1131.3	1028.3	902.0	827.2	939.5	1000.7	1138.8	1237.1
G15.0	1307.4	1185.7	1042.5	933.8	819.9	759.3	856.8	910.8	1033.8	1154.2
G16.0	1210.3	1095.2	955.7	845.2	749.5	693.9	774.1	833.3	941.3	1067.3
G17.0	1104.0	1008.3	870.9	766.3	683.4	631.8	704.5	756.1	854.0	979.3
G18.0	1011.1	918.4	800.7	695.3	622.5	577.8	640.2	687.7	779.4	900.9
G19.0	921.3	839.8	732.6	632.6	565.3	527.0	580.7	620.1	701.6	827.4
G20.0	844.6	765.5	670.4	563.2	510.7	482.1	521.0	560.4	637.3	760.9
G21.0	766.5	706.1	614.2	506.5	463.7	436.9	470.9	505.7	578.9	690.1
G22.0	698.9	640.3	560.6	453.7	420.5	400.5	425.8	456.9	523.1	630.9
G23.0	637.7	586.4	512.4	402.0	378.3	363.9	383.4	404.6	471.4	576.8
G24.0	578.0	536.7	470.5	357.6	340.9	331.1	341.9	362.3	419.6	526.8
G25.0	521.4	491.2	429.8	318.4	308.0	299.0	307.2	322.8	374.4	483.9
G26.0	473.9	443.7	394.9	281.4	277.4	271.4	274.8	286.2	333.9	435.8
G27.0	429.7	403.4	364.3	248.8	249.0	246.0	244.1	249.6	298.8	399.4
G28.0	388.4	368.5	336.5	215.4	219.6	222.1	216.8	221.3	264.7	363.2
G29.0	344.2	337.4	309.3	189.1	194.5	197.6	190.7	195.2	231.4	330.2
G30.0	309.0	304.2	282.3	165.8	173.3	176.8	168.3	171.4	203.1	296.2
G31.0	274.8	276.0	257.5	144.4	152.2	157.4	148.7	149.3	179.1	267.6
G32.0	245.0	249.5	234.6	124.0	131.6	139.1	129.9	127.7	156.1	240.9
G33.0	215.5	224.3	213.0	106.7	115.6	120.2	112.9	111.4	134.3	216.4
G34.0	189.3	198.1	190.5	92.2	100.5	105.7	98.3	97.1	116.7	192.6
G35.0	166.7	176.8	170.8	79.9	87.2	92.0	85.3	84.5	100.8	169.5
G36.0	146.2	156.7	152.2	68.0	74.2	79.5	74.2	73.2	87.6	150.0

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G37.0	127.2	138.8	135.4	58.9	64.6	68.7	63.5	62.0	74.8	132.2
G38.0	108.7	120.1	117.9	50.9	56.0	57.9	54.1	54.3	64.5	115.9
G39.0	94.3	105.4	103.6	44.2	48.5	49.8	46.2	46.8	56.3	99.6
G40.0	81.4	91.7	90.0	38.6	42.1	42.8	39.9	40.8	49.2	86.0
G41.0	70.1	79.6	77.7	34.2	36.0	37.1	34.2	35.3	42.5	74.0
G42.0	59.6	67.6	65.8	30.2	31.6	31.5	28.5	29.8	37.5	63.3
G43.0	51.2	58.1	56.0	26.9	28.0	27.4	24.1	25.8	32.9	53.0
G44.0	44.0	49.9	47.6	24.0	25.1	24.1	20.6	22.6	28.6	44.9
G45.0	37.4	42.9	40.1	21.7	22.5	20.9	17.8	19.8	25.2	38.2
G46.0	32.3	35.7	33.5	19.5	20.5	18.1	15.4	17.7	22.1	32.4
G47.0	27.9	30.1	28.3	17.4	19.0	16.0	13.7	15.9	19.0	27.7
G48.0	24.1	25.6	23.8	15.2	16.7	14.1	12.1	13.9	16.4	23.5
G49.0	20.9	21.5	20.4	13.1	14.8	12.7	11.3	11.6	13.4	19.7
G50.0	18.7	18.7	17.9	10.6	13.1	11.6	10.5	9.9	11.3	16.8
G51.0	16.4	16.7	15.8	9.0	11.4	11.1	9.5	8.5	9.9	14.5
G52.0	14.0	14.8	14.2	8.2	9.9	10.3	9.0	7.8	8.7	12.7
G53.0	12.1	13.3	13.0	7.4	8.6	10.0	8.6	7.3	7.8	11.5
G54.0	10.5	11.9	12.1	6.9	7.5	9.3	7.8	6.6	7.3	10.7
G55.0	9.2	10.6	11.5	6.3	7.3	8.5	7.3	6.1	6.7	10.1
G56.0	8.8	10.1	10.9	5.7	6.7	7.8	7.0	5.5	6.0	9.6
G57.0	8.1	9.3	10.2	5.0	6.0	7.0	6.5	5.4	5.4	9.3
G58.0	7.3	8.9	9.3	4.8	5.7	6.4	5.9	5.0	4.9	8.7
G59.0	6.7	8.1	8.7	4.4	5.4	5.7	5.4	4.5	4.6	8.1
G60.0	6.2	7.4	7.9	3.9	4.8	5.2	5.0	4.2	4.3	7.4
G61.0	5.7	7.0	7.4	3.7	4.5	3.8	4.6	3.8	3.9	7.1
G62.0	5.4	6.4	6.6	3.2	3.8	2.8	4.0	3.6	3.7	6.5
G63.0	5.1	6.2	5.8	3.0	3.1	2.1	3.2	3.4	3.3	5.9
G64.0	4.8	5.6	4.8	2.7	2.6	1.5	2.5	2.8	3.1	5.1
G65.0	4.6	5.2	3.6	2.1	2.0	1.3	2.1	2.3	2.8	4.4
G66.0	4.0	4.2	2.4	1.5	1.6	1.0	1.8	1.8	2.4	3.6
G67.0	3.6	3.3	1.6	1.3	1.6	1.0	1.8	1.7	2.0	2.7
G68.0	3.0	2.7	1.6	1.1	1.4	0.0	1.5	1.5	1.7	2.2
G69.0	2.3	2.1	1.3	1.1	1.3	0.0	1.5	1.5	1.5	1.9
G70.0	1.7	1.8	1.2	1.0	1.1	0.0	1.4	1.5	1.2	1.7
G71.0	1.7	1.6	0.0	0.0	0.0	0.0	1.0	1.2	1.2	1.6
G72.0	1.6	1.7	0.0	0.0	0.0	0.0	0.0	1.2	1.0	1.4
G73.0	1.5	1.6	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.4

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G74.0	1.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
G75.0	1.1	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G76.0	1.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G77.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G78.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G79.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G81.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G82.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G83.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G84.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G87.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

G/C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G111.0	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	1.0	0.0	0.0	0.0	0.0	0.0	0.0
G127.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
G128.0	0.0	0.0	0.0	1.2	1.0	1.0	0.0	0.0	0.0	0.0
G129.0	0.0	0.0	0.0	1.3	1.0	1.0	1.0	0.0	1.1	0.0
G130.0	0.0	0.0	0.0	1.4	1.1	1.0	0.0	0.0	1.0	1.1
G131.0	0.0	0.0	0.0	1.4	1.3	1.1	1.0	0.0	1.3	1.1
G132.0	0.0	0.0	1.1	1.6	1.4	1.1	1.0	1.2	1.3	1.3
G133.0	0.0	1.0	1.3	1.7	1.5	1.5	1.3	1.5	1.4	1.5
G134.0	0.0	1.2	1.3	1.9	1.6	1.5	1.5	1.4	1.5	1.7
G135.0	1.0	1.4	1.4	1.9	1.8	1.6	1.6	1.5	1.7	1.5
G136.0	1.2	1.4	1.6	2.2	1.7	1.9	1.8	1.7	1.7	1.7
G137.0	1.1	1.5	1.7	2.5	1.6	1.9	2.0	1.7	1.9	1.9
G138.0	1.4	1.5	2.1	2.5	2.1	2.3	2.2	2.1	2.0	2.1
G139.0	1.5	1.8	2.2	2.8	2.4	2.4	2.4	2.2	2.2	2.4
G140.0	1.7	2.0	2.5	2.8	2.4	2.8	2.6	2.4	2.4	2.3
G141.0	1.8	2.2	2.5	3.0	2.7	2.8	2.7	2.6	2.7	2.5
G142.0	1.9	2.4	2.8	3.2	2.9	3.0	3.0	2.5	2.8	2.7
G143.0	2.1	2.6	3.0	3.4	3.3	3.6	3.1	2.8	3.0	2.8
G144.0	2.3	2.8	3.1	3.8	3.5	3.9	3.3	3.1	3.3	3.0
G145.0	2.6	2.8	3.2	4.0	3.7	4.0	3.7	3.3	3.3	3.2
G146.0	2.8	3.3	3.7	4.2	4.0	4.1	3.8	3.6	3.7	3.6
G147.0	3.0	3.5	3.8	4.3	4.1	4.6	4.2	4.0	3.9	3.7

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

G/C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G148.0	3.2	3.9	4.0	4.6	4.3	4.6	4.5	4.3	4.0	3.8
G149.0	3.4	4.3	4.1	4.6	4.5	4.8	4.6	4.3	4.5	4.2
G150.0	3.8	4.4	4.4	4.8	4.7	5.0	4.9	4.7	4.7	4.3
G151.0	4.0	4.6	4.6	5.1	4.9	5.5	5.1	5.0	4.8	4.6
G152.0	4.2	4.6	4.9	5.6	5.1	5.7	5.3	5.3	5.0	4.9
G153.0	4.6	5.0	5.1	5.6	5.5	5.8	5.4	5.3	5.4	5.1
G154.0	4.8	5.1	5.5	5.8	5.8	5.9	5.7	5.6	5.6	5.3
G155.0	4.8	5.5	5.5	6.2	5.9	6.0	5.7	5.8	5.8	5.5
G156.0	5.3	5.7	5.7	6.4	6.1	6.5	6.0	6.1	5.9	5.8
G157.0	5.3	6.0	5.9	6.5	6.4	6.6	6.1	6.3	6.2	5.8
G158.0	5.5	6.0	6.2	6.7	6.4	6.6	6.2	6.4	6.4	6.1
G159.0	5.9	6.3	6.4	6.8	6.6	6.7	6.5	6.5	6.5	6.3
G160.0	6.0	6.6	6.4	7.0	6.8	6.8	6.8	6.8	6.8	6.6
G161.0	6.2	6.7	6.6	7.1	6.9	6.9	6.8	6.9	6.8	6.7
G162.0	6.4	6.9	6.8	7.1	7.0	7.0	7.1	7.2	6.8	6.9
G163.0	6.5	7.0	7.0	7.1	7.0	7.1	7.0	7.3	7.1	6.9
G164.0	6.6	7.0	6.9	7.3	7.2	7.1	7.0	7.2	7.1	7.0
G165.0	6.8	7.1	7.2	7.3	7.2	7.2	7.1	7.3	7.0	7.2
G166.0	6.9	7.3	7.2	7.3	7.4	7.4	7.1	7.3	7.0	7.3
G167.0	7.2	7.3	7.3	7.4	7.5	7.3	7.0	7.3	7.0	7.5
G168.0	7.2	7.4	7.3	7.4	7.3	7.5	7.2	7.4	7.3	7.7
G169.0	7.2	7.5	7.3	7.4	7.5	7.4	7.3	7.2	7.2	7.5
G170.0	7.4	7.6	7.2	7.4	7.3	7.4	7.4	7.2	7.2	7.6
G171.0	7.5	7.7	7.3	7.7	7.4	7.3	7.4	7.2	7.4	7.8
G172.0	7.4	7.4	7.5	7.7	7.4	7.3	7.3	7.3	7.3	7.8
G173.0	7.5	7.4	7.6	7.7	7.4	7.4	7.4	7.2	7.3	7.8
G174.0	7.6	7.6	7.5	7.9	7.6	7.4	7.5	7.3	7.4	7.7
G175.0	7.5	7.6	7.5	7.8	7.6	7.4	7.7	7.3	7.5	7.8
G176.0	7.7	7.8	7.6	7.6	7.5	7.7	7.6	7.3	7.3	7.8
G177.0	7.6	7.6	7.5	7.6	7.5	7.6	7.6	7.4	7.5	8.1
G178.0	7.5	7.7	7.5	7.8	7.7	7.5	7.7	7.4	7.5	8.1
G179.0	7.8	8.1	7.7	7.9	7.5	7.6	7.7	7.4	7.4	7.9
G180.0	7.6	8.0	7.8	7.8	7.6	7.7	7.5	7.7	7.6	7.8

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	1904.4	1900.9	1958.9							
G1.0	1930.4	1926.5	1974.8							
G2.0	1941.9	1950.5	1984.8							
G3.0	1943.6	1960.6	1993.0							
G4.0	1940.7	1964.2	1982.3							
G5.0	1932.5	1966.8	1981.4							
G6.0	1918.8	1950.4	1969.6							
G7.0	1888.1	1950.3	1937.0							
G8.0	1860.4	1936.5	1899.3							
G9.0	1815.3	1902.9	1841.9							
G10.0	1757.1	1860.6	1776.7							
G11.0	1676.8	1797.6	1694.4							
G12.0	1589.8	1738.0	1594.0							
G13.0	1497.1	1657.5	1495.2							
G14.0	1408.3	1551.5	1403.3							
G15.0	1315.6	1461.3	1307.4							
G16.0	1226.1	1351.3	1210.3							
G17.0	1129.7	1251.7	1104.0							
G18.0	1038.4	1150.9	1011.1							
G19.0	951.4	1052.9	921.3							
G20.0	873.4	955.3	844.6							
G21.0	791.9	866.0	766.5							
G22.0	724.7	788.2	698.9							
G23.0	660.4	714.6	637.7							
G24.0	603.1	640.3	578.0							
G25.0	550.4	577.3	521.4							
G26.0	494.2	521.3	473.9							
G27.0	449.7	467.0	429.7							
G28.0	405.7	417.6	388.4							
G29.0	368.0	369.0	344.2							
G30.0	326.5	328.5	309.0							
G31.0	291.9	291.2	274.8							
G32.0	260.4	256.6	245.0							
G33.0	230.6	223.8	215.5							
G34.0	200.8	197.0	189.3							
G35.0	176.8	172.4	166.7							
G36.0	155.4	150.4	146.2							

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0						
G37.0	135.6	129.2	127.2						
G38.0	118.0	112.0	108.7						
G39.0	100.7	96.4	94.3						
G40.0	87.1	83.2	81.4						
G41.0	75.3	70.7	70.1						
G42.0	64.8	61.2	59.6						
G43.0	55.5	53.4	51.2						
G44.0	47.9	46.2	44.0						
G45.0	41.5	40.1	37.4						
G46.0	36.0	35.0	32.3						
G47.0	31.2	31.0	27.9						
G48.0	27.6	27.7	24.1						
G49.0	24.7	25.1	20.9						
G50.0	22.1	22.1	18.7						
G51.0	19.5	19.5	16.4						
G52.0	16.4	17.1	14.0						
G53.0	14.3	13.4	12.1						
G54.0	12.7	10.8	10.5						
G55.0	10.9	9.7	9.2						
G56.0	9.4	8.8	8.8						
G57.0	8.3	8.2	8.1						
G58.0	7.2	7.5	7.3						
G59.0	6.4	7.0	6.7						
G60.0	5.8	6.3	6.2						
G61.0	5.4	5.4	5.7						
G62.0	4.8	5.0	5.4						
G63.0	4.4	4.3	5.1						
G64.0	4.3	4.0	4.8						
G65.0	4.0	3.9	4.6						
G66.0	3.7	3.5	4.0						
G67.0	3.3	3.2	3.6						
G68.0	2.8	3.2	3.0						
G69.0	2.0	3.0	2.3						
G70.0	1.7	2.4	1.7						
G71.0	1.4	1.9	1.7						
G72.0	1.2	1.5	1.6						
G73.0	1.3	1.6	1.5						

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.573 m [K=1.0000]

Humidity:

Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	1.0	1.4	1.3							
G75.0	1.0	1.3	1.1							
G76.0	0.0	1.1	1.1							
G77.0	0.0	1.1	0.0							
G78.0	0.0	0.0	0.0							
G79.0	0.0	0.0	0.0							
G80.0	0.0	0.0	0.0							
G81.0	0.0	0.0	0.0							
G82.0	0.0	0.0	0.0							
G83.0	0.0	0.0	0.0							
G84.0	0.0	0.0	0.0							
G85.0	0.0	0.0	0.0							
G86.0	0.0	0.0	0.0							
G87.0	0.0	0.0	0.0							
G88.0	0.0	0.0	0.0							
G89.0	0.0	0.0	0.0							
G90.0	0.0	0.0	0.0							
G91.0	0.0	0.0	0.0							
G92.0	0.0	0.0	0.0							
G93.0	0.0	0.0	0.0							
G94.0	0.0	0.0	0.0							
G95.0	0.0	0.0	0.0							
G96.0	0.0	0.0	0.0							
G97.0	0.0	0.0	0.0							
G98.0	0.0	0.0	0.0							
G99.0	0.0	0.0	0.0							
G100.0	0.0	0.0	0.0							
G101.0	0.0	0.0	0.0							
G102.0	0.0	0.0	0.0							
G103.0	0.0	0.0	0.0							
G104.0	0.0	0.0	0.0							
G105.0	0.0	0.0	0.0							
G106.0	0.0	0.0	0.0							
G107.0	0.0	0.0	0.0							
G108.0	0.0	0.0	0.0							
G109.0	0.0	0.0	0.0							
G110.0	0.0	0.0	0.0							

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G111.0	0.0	0.0	0.0							
G112.0	0.0	0.0	0.0							
G113.0	0.0	0.0	0.0							
G114.0	0.0	0.0	0.0							
G115.0	0.0	0.0	0.0							
G116.0	0.0	0.0	0.0							
G117.0	0.0	0.0	0.0							
G118.0	0.0	0.0	0.0							
G119.0	0.0	0.0	0.0							
G120.0	0.0	0.0	0.0							
G121.0	0.0	0.0	0.0							
G122.0	0.0	0.0	0.0							
G123.0	0.0	0.0	0.0							
G124.0	0.0	0.0	0.0							
G125.0	0.0	0.0	0.0							
G126.0	0.0	0.0	0.0							
G127.0	0.0	0.0	0.0							
G128.0	0.0	0.0	0.0							
G129.0	0.0	0.0	0.0							
G130.0	0.0	0.0	0.0							
G131.0	0.0	0.0	0.0							
G132.0	1.0	1.1	0.0							
G133.0	1.1	1.0	0.0							
G134.0	1.2	0.0	0.0							
G135.0	1.2	1.2	1.0							
G136.0	1.4	1.3	1.2							
G137.0	1.3	1.4	1.1							
G138.0	1.5	1.5	1.4							
G139.0	1.7	1.6	1.5							
G140.0	1.8	1.7	1.7							
G141.0	1.8	2.0	1.8							
G142.0	1.9	2.2	1.9							
G143.0	2.1	2.4	2.1							
G144.0	2.4	2.6	2.3							
G145.0	2.4	2.8	2.6							
G146.0	2.8	2.8	2.8							
G147.0	3.1	3.1	3.0							

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G148.0	3.4	3.2	3.2							
G149.0	3.7	3.5	3.4							
G150.0	3.9	3.6	3.8							
G151.0	3.9	3.9	4.0							
G152.0	4.2	4.0	4.2							
G153.0	4.5	4.3	4.6							
G154.0	4.8	4.6	4.8							
G155.0	5.0	4.8	4.8							
G156.0	5.0	5.0	5.3							
G157.0	5.4	5.1	5.3							
G158.0	5.5	5.3	5.5							
G159.0	5.8	5.6	5.9							
G160.0	6.0	5.8	6.0							
G161.0	6.3	5.9	6.2							
G162.0	6.6	6.2	6.4							
G163.0	6.5	6.3	6.5							
G164.0	6.5	6.7	6.6							
G165.0	6.6	6.8	6.8							
G166.0	7.0	6.9	6.9							
G167.0	7.0	7.1	7.2							
G168.0	7.0	7.1	7.2							
G169.0	7.1	7.1	7.2							
G170.0	7.0	7.2	7.4							
G171.0	7.3	7.2	7.5							
G172.0	7.3	7.3	7.4							
G173.0	7.4	7.3	7.5							
G174.0	7.6	7.4	7.6							
G175.0	7.4	7.6	7.5							
G176.0	7.7	7.6	7.7							
G177.0	7.4	7.6	7.6							
G178.0	7.7	7.7	7.5							
G179.0	7.7	7.7	7.8							
G180.0	7.8	7.6	7.6							

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.573 m [K=1.0000]
 Humidity:
 Inspector: