

Report No.:

Test Time: 2022/2/23 12:05

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MR16-4W

Power: 3.86 W

Photometric Results

IES Classification: Type II

Total Rated Lamp Lumens: 299.0 lm

Efficiency: 100%

Upward Ratio: 0%

Central Intensity: 130.27 cd

Pos of Max. Intensity: H0 V0

Longitudinal Classification: Very Short

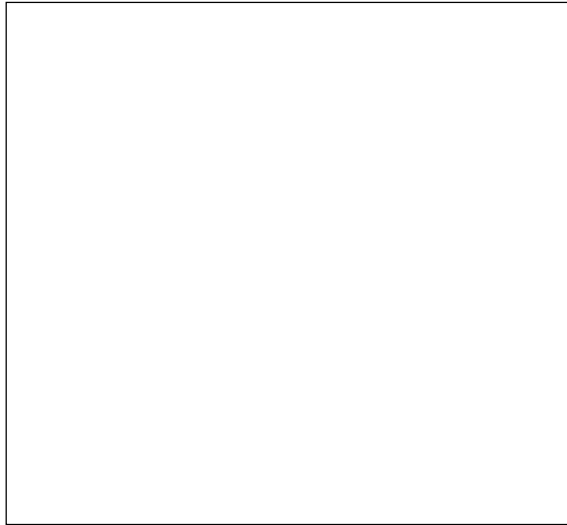
Measurement Flux: 299 lm

Downward Ratio: 100%

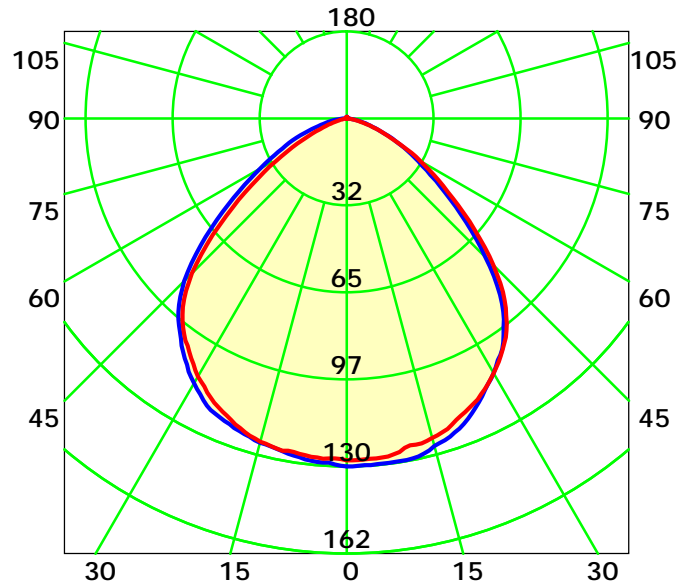
Luminaire Efficacy Rating (LER): 77

Max. Intensity: 130.28 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 98.4° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

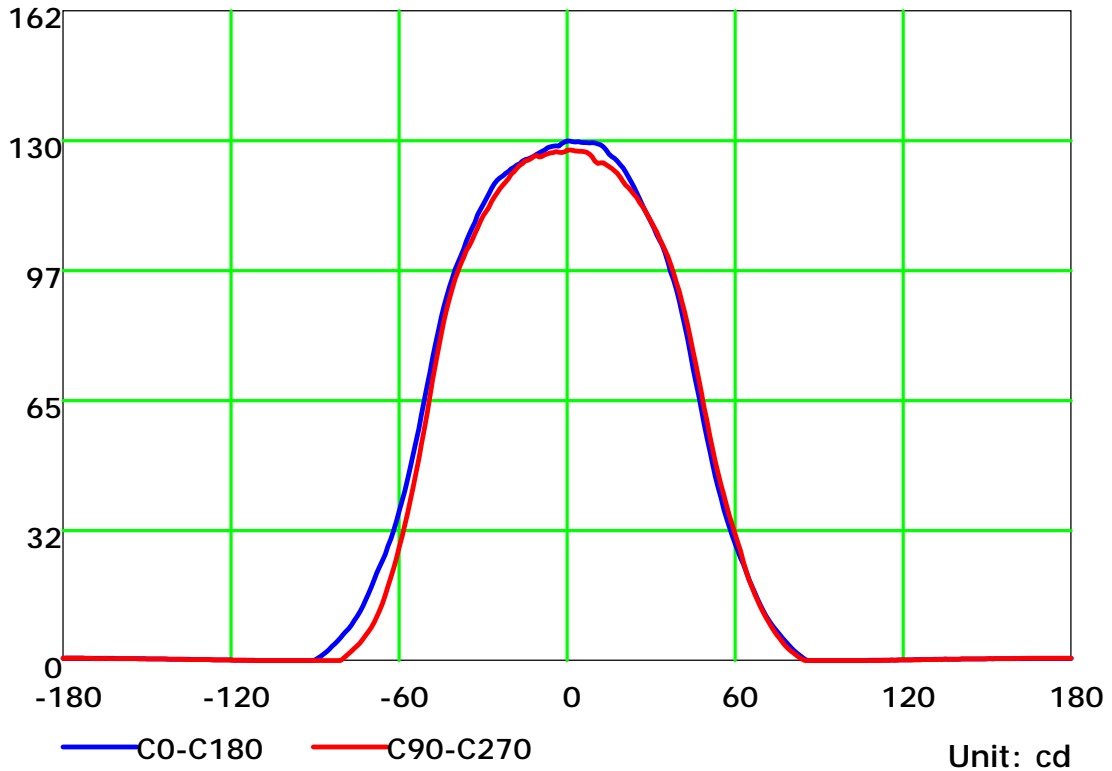
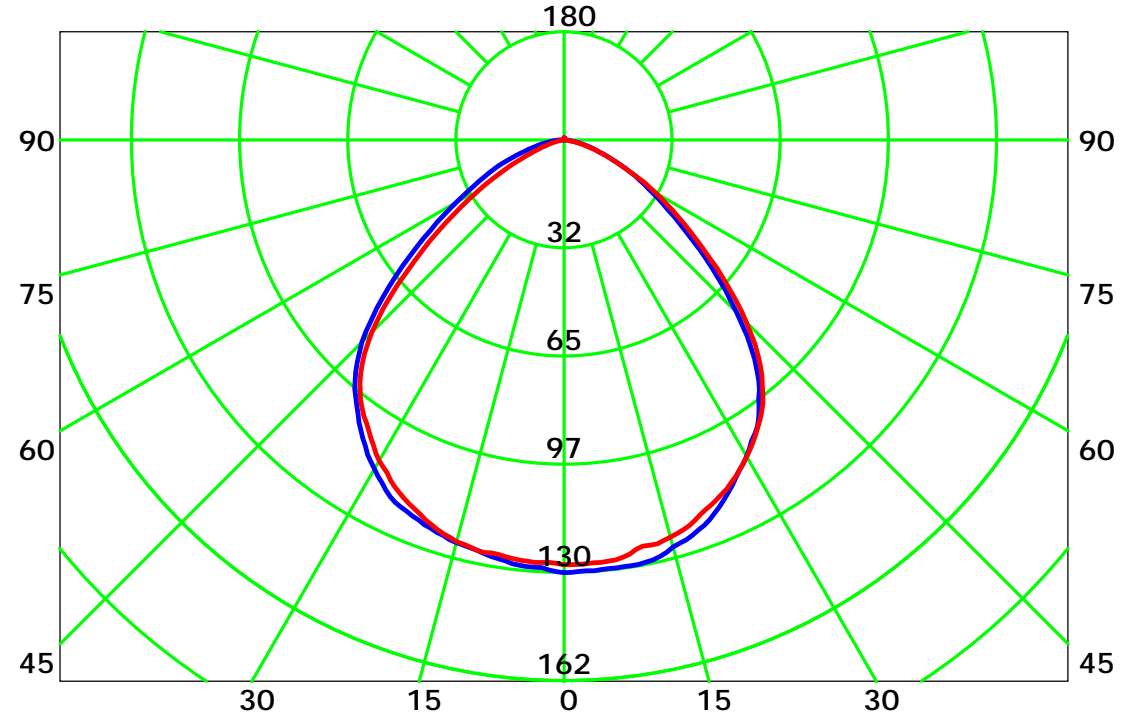
Test Device:

Distance:

Humidity:

Inspector:

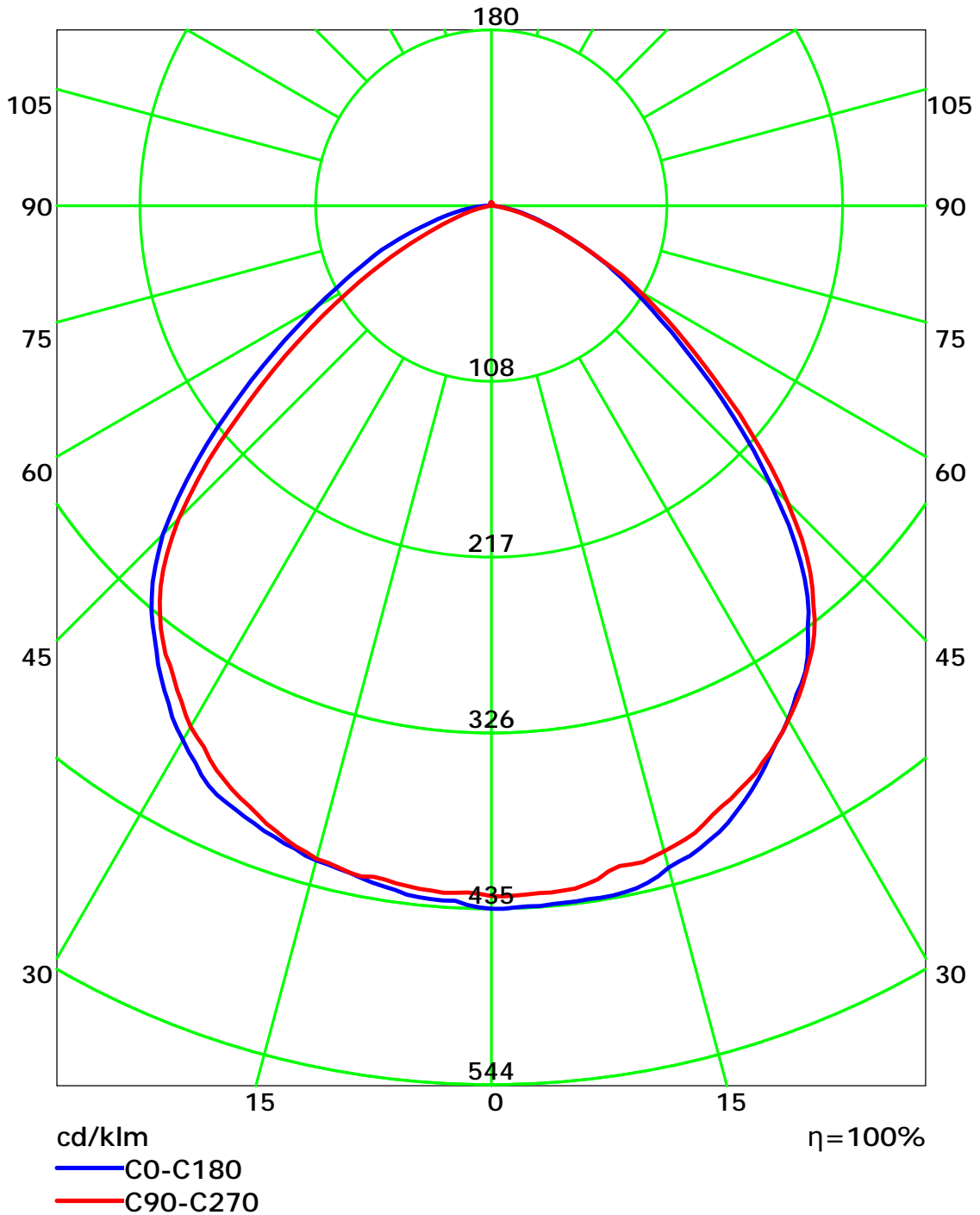
Luminous Intensity Distribution Curve



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:
 Distance:
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



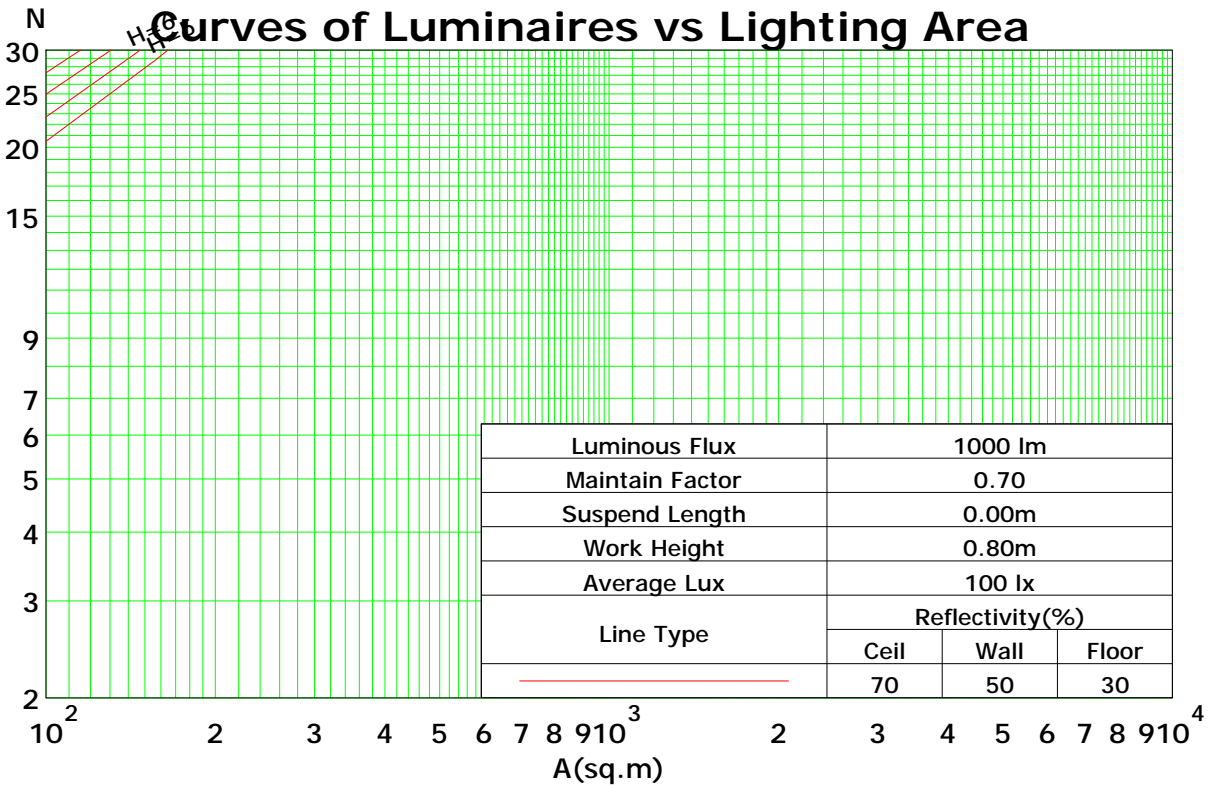
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	111	107	103	100	108	104	101	98	100	97	95	96	94	92	93	91	89	87
2	102	95	89	84	99	93	88	83	90	85	81	86	83	79	83	80	77	75
3	94	85	77	72	92	83	76	71	80	75	70	77	73	69	75	71	67	65
4	87	76	68	62	84	75	67	62	72	66	61	70	64	60	68	63	59	57
5	80	68	60	54	78	67	60	54	65	58	53	63	57	53	61	56	52	50
6	74	62	54	48	72	61	53	48	59	52	47	58	52	47	56	51	46	44
7	69	57	48	43	67	56	48	42	54	47	42	53	47	42	51	46	42	40
8	64	52	44	38	63	51	43	38	50	43	38	49	42	38	47	42	37	36
9	60	48	40	35	59	47	40	35	46	39	34	45	39	34	44	38	34	32
10	57	44	37	32	55	44	36	31	43	36	31	42	35	31	41	35	31	29

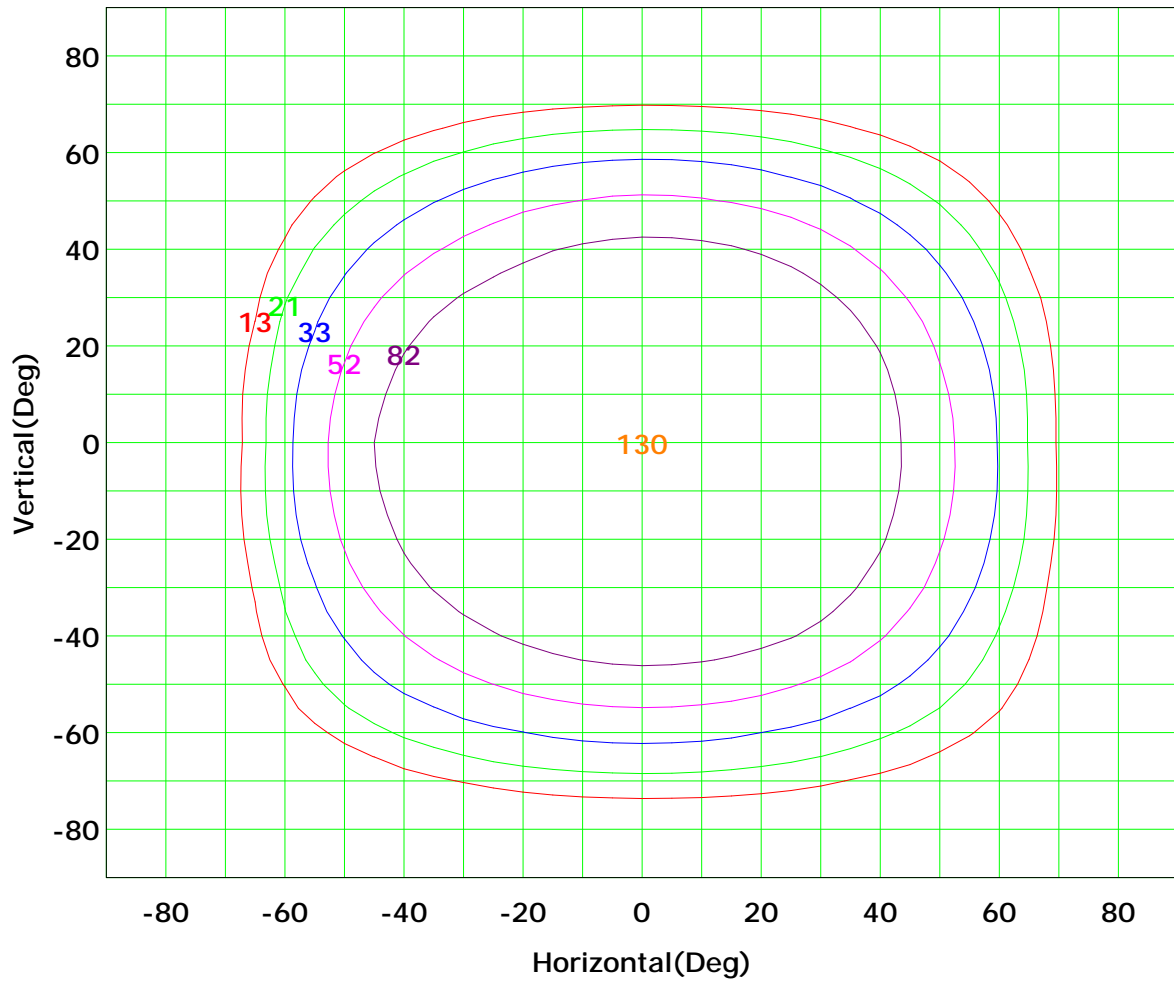
Spacing Criteria (0-180): 1.27
 Spacing Criteria (90-270): 1.28
 Spacing Criteria (Diagonal): 1.33



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:
 Distance:
 Humidity:
 Inspector:

Isocandela (rectangle)



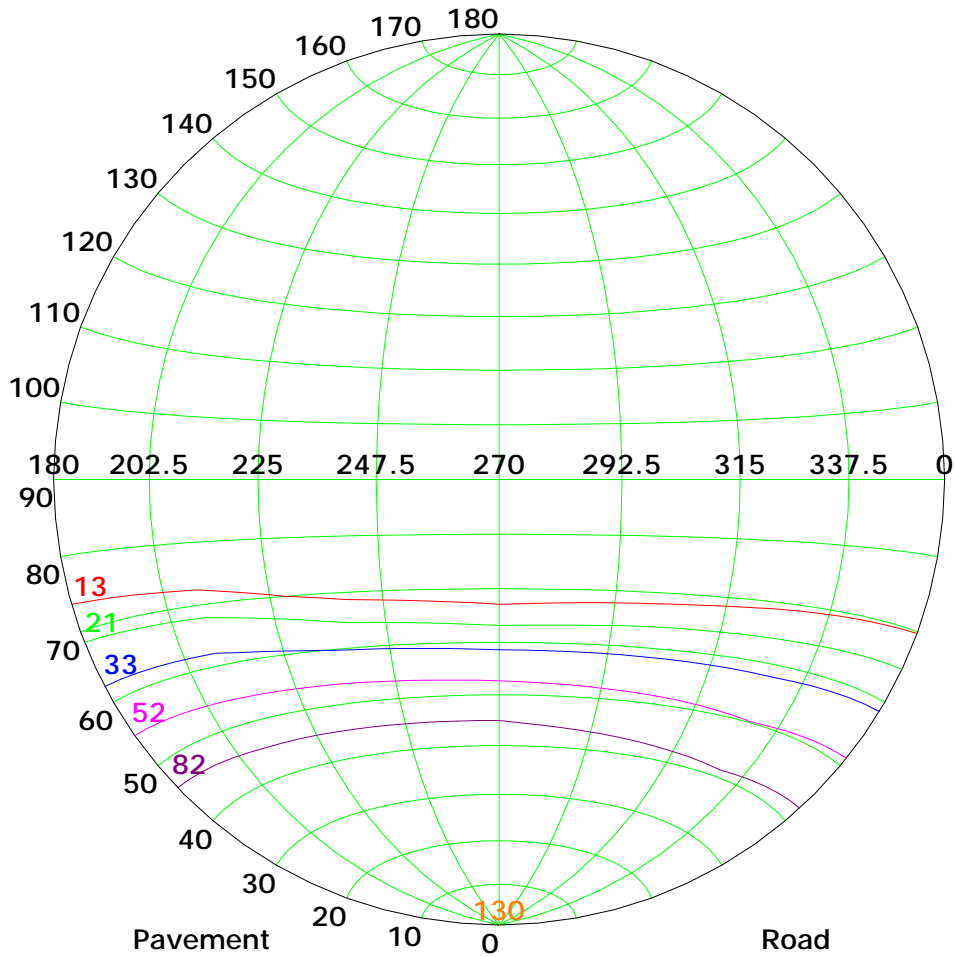
Imax (100%): 130 cd

— (10%):	13 cd	— (16%):	21 cd
— (25%):	33 cd	— (40%):	52 cd
— (63%):	82 cd	— (100%):	130 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:
Distance:
Humidity:
Inspector:

Isocandela (sphere)



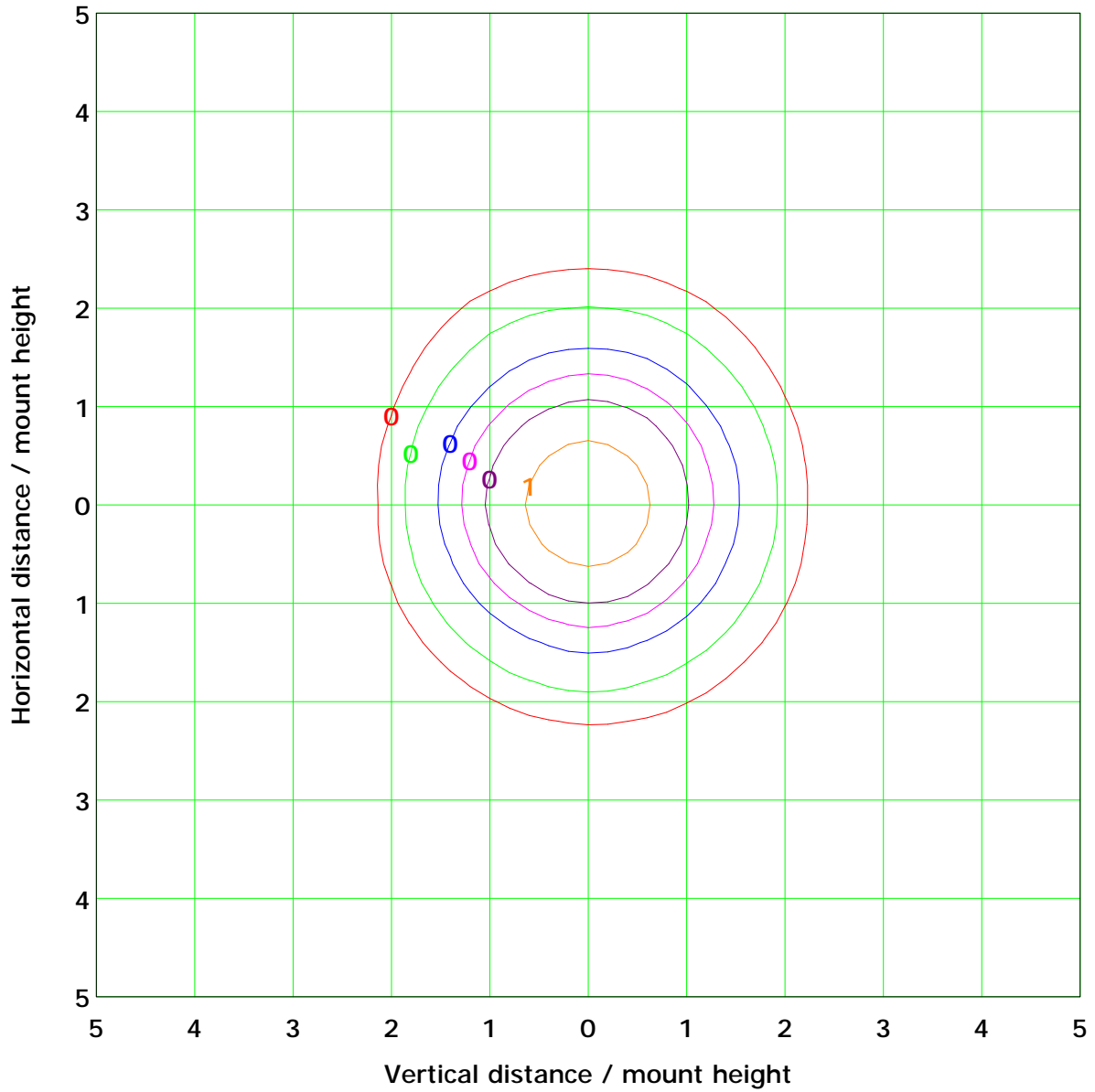
Imax (100%): 130 cd

— (10%):	13 cd	— (16%):	21 cd
— (25%):	33 cd	— (40%):	52 cd
— (63%):	82 cd	— (100%):	130 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:
 Distance:
 Humidity:
 Inspector:

IsoLux Plot



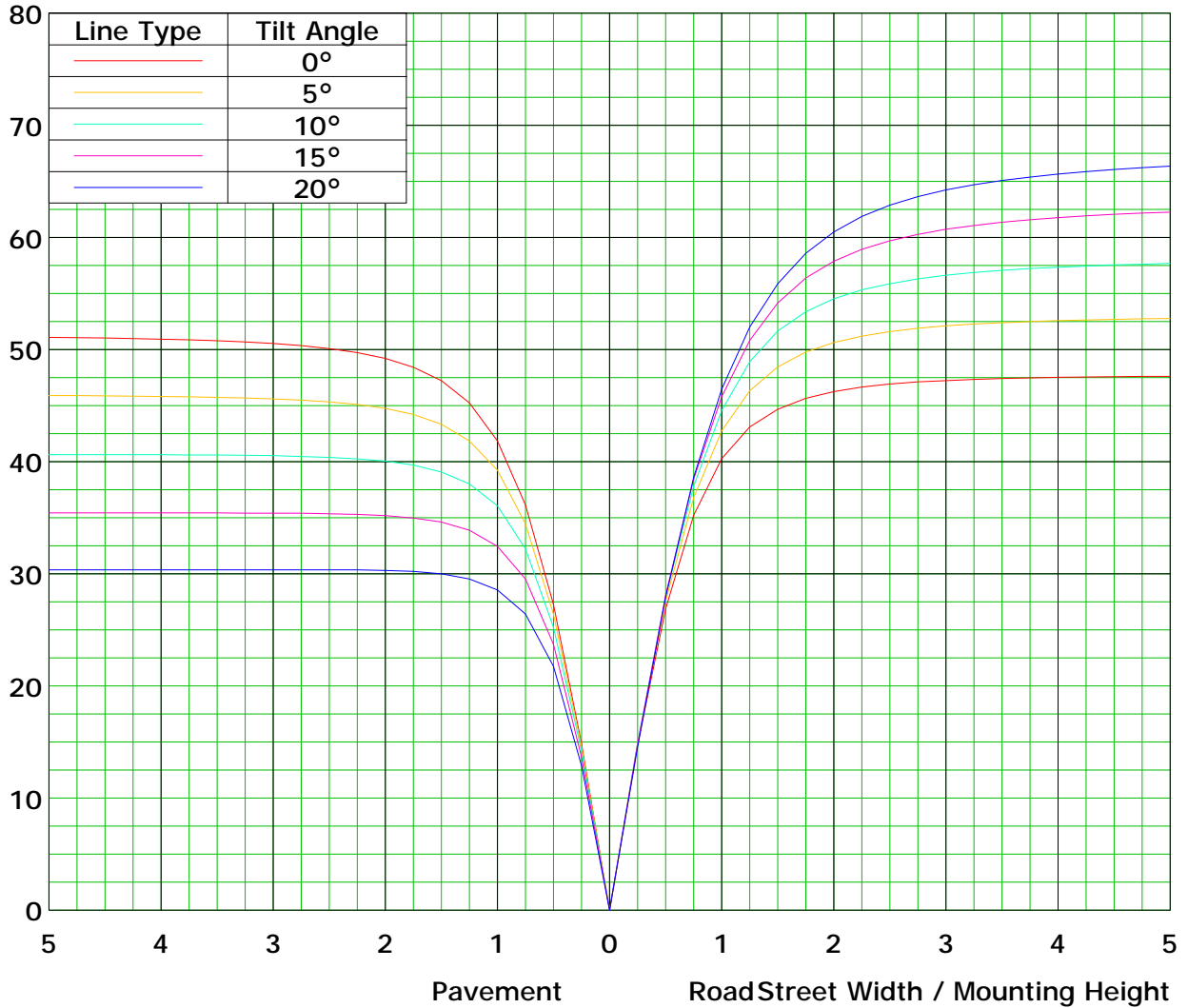
Mounting Height: 10.0m		Max Lux(100%): 1.3 lx	
— (1%):	0.0 lx	— (2%):	0.0 lx
— (5%):	0.1 lx	— (10%):	0.1 lx
— (20%):	0.3 lx	— (50%):	0.7 lx
— (100%):	1.3 lx		

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:
 Distance:
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)



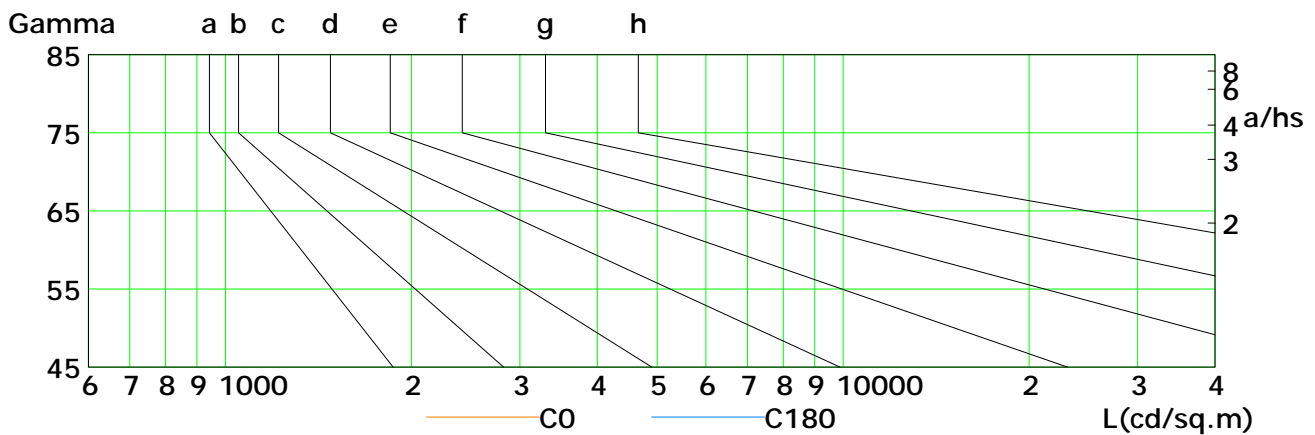
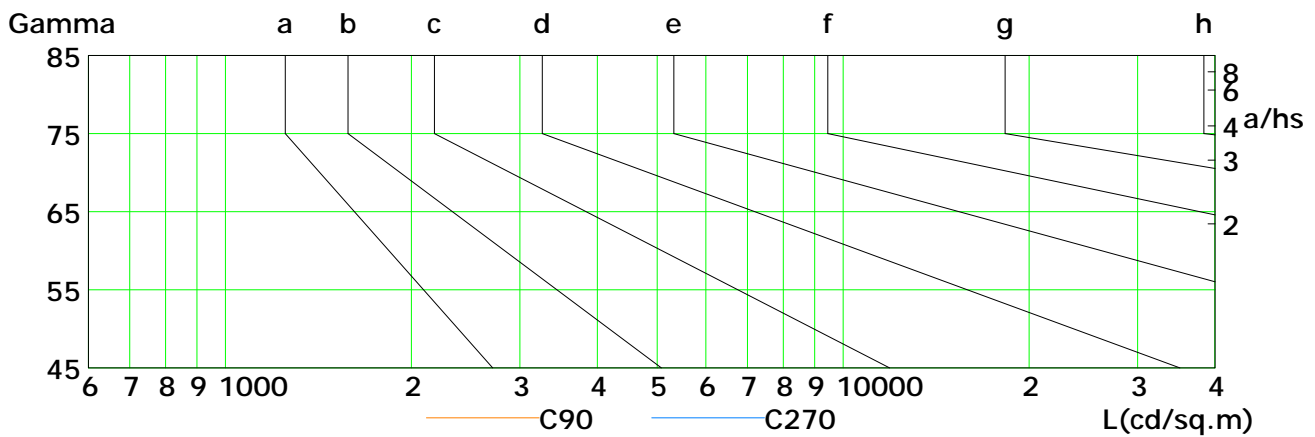
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 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

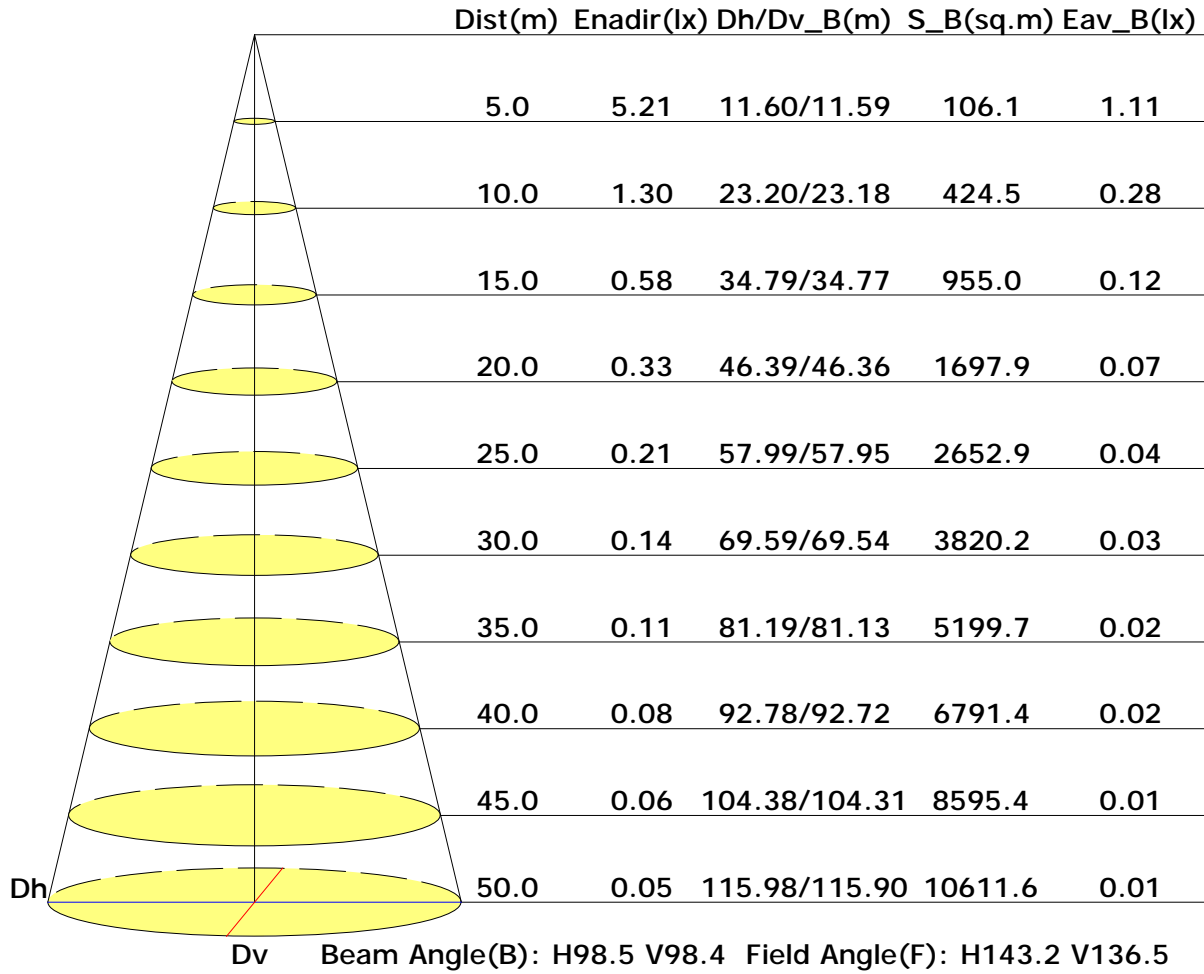


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	73	56	41	29	20	13	7	3	0
C90	78	60	44	32	20	12	6	2	0
C180	86	69	52	37	27	18	11	7	3
C270	82	62	44	28	17	8	4	1	0

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:
 Distance:
 Humidity:
 Inspector:

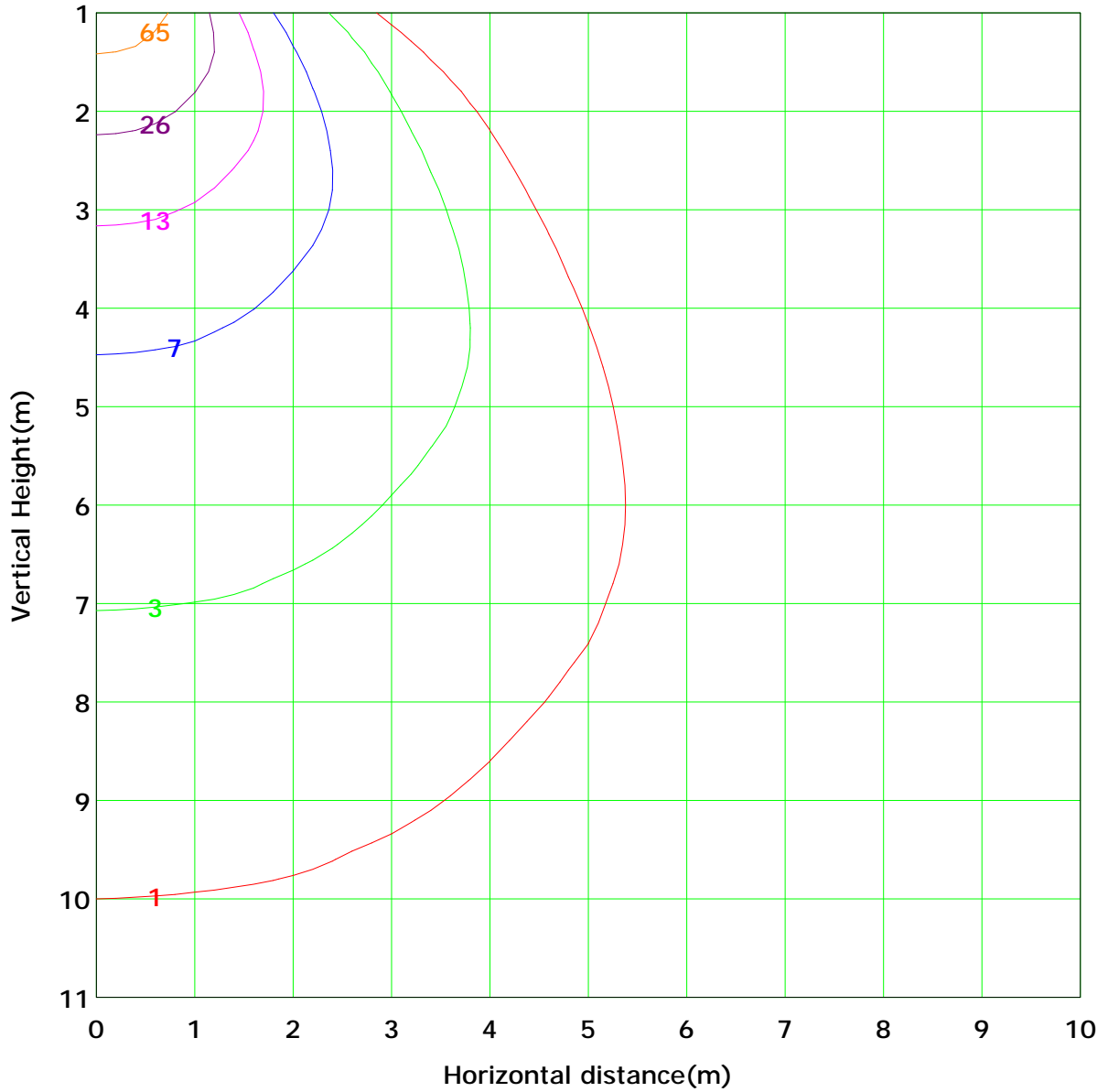
Illuminance at a Distance



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:
 Distance:
 Humidity:
 Inspector:

Vertical IsoLux Plot

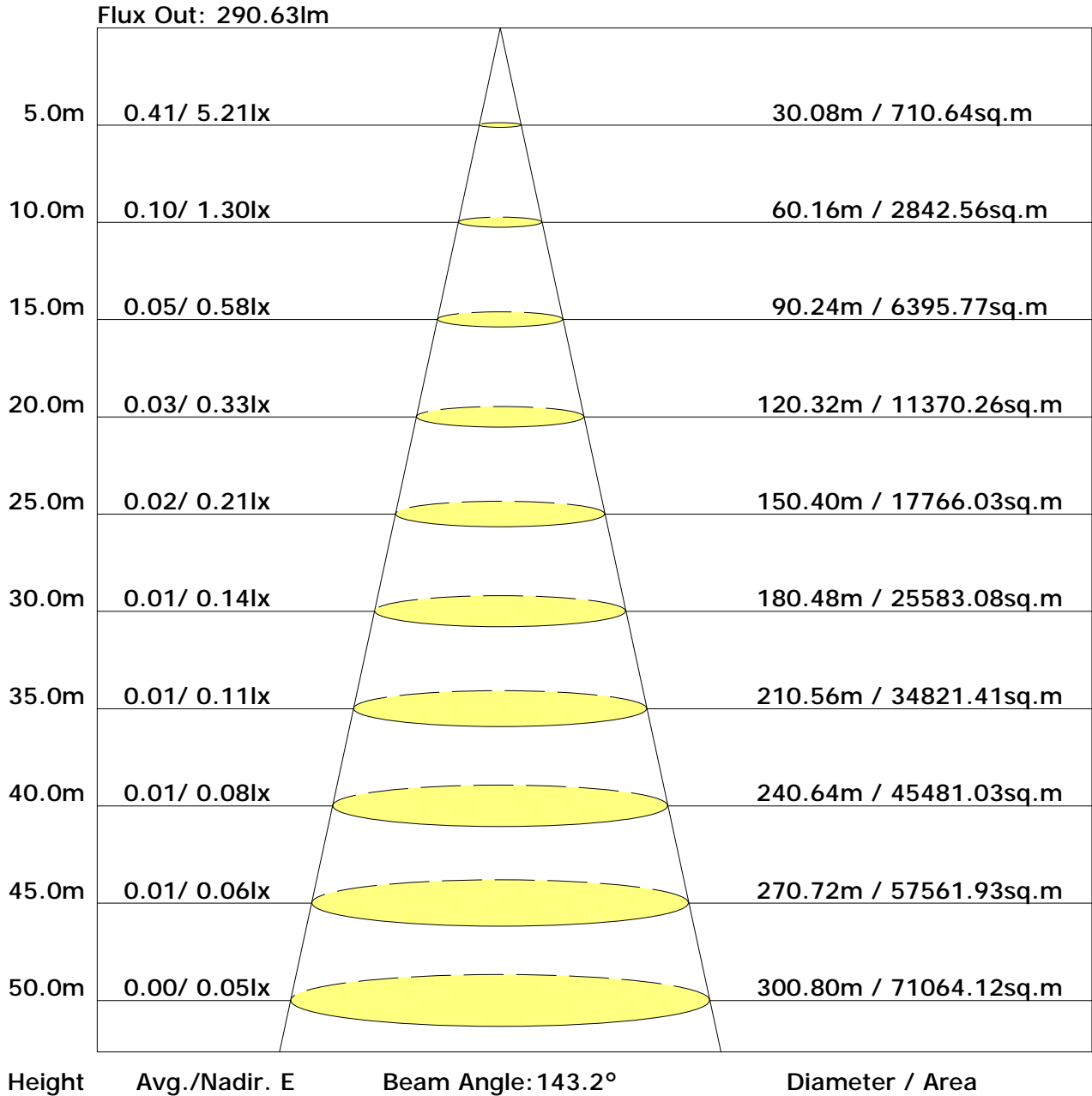


Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 130.3 lx
(1%): 1.3 lx	(2%): 2.6 lx	
(5%): 6.5 lx	(10%): 13.0 lx	
(20%): 26.1 lx	(50%): 65.1 lx	
(100%): 130.3 lx		

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:
 Distance:
 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:
 Distance:
 Humidity:
 Inspector:

UGR Table

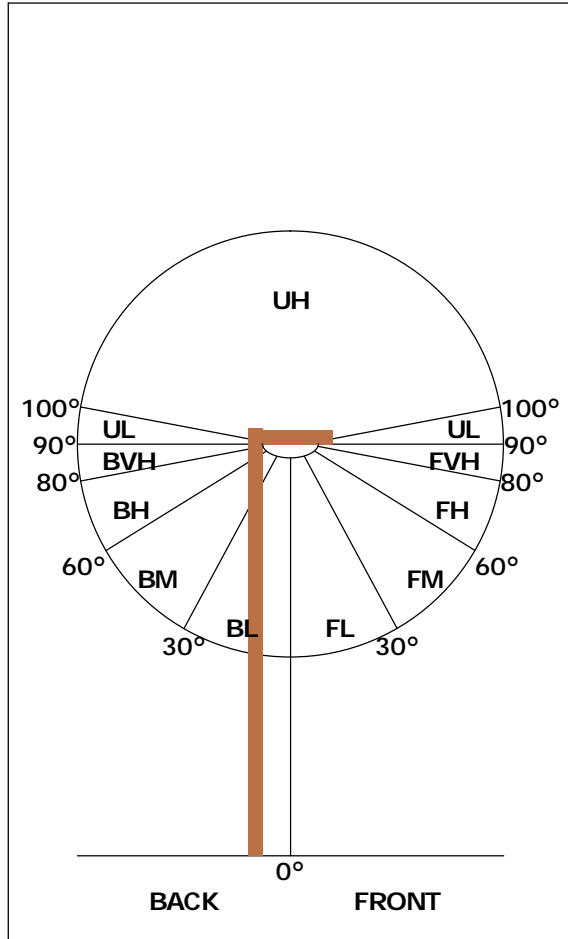
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	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.\$

Calculate in accordance with CIE 190:2010

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:
 Distance:
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



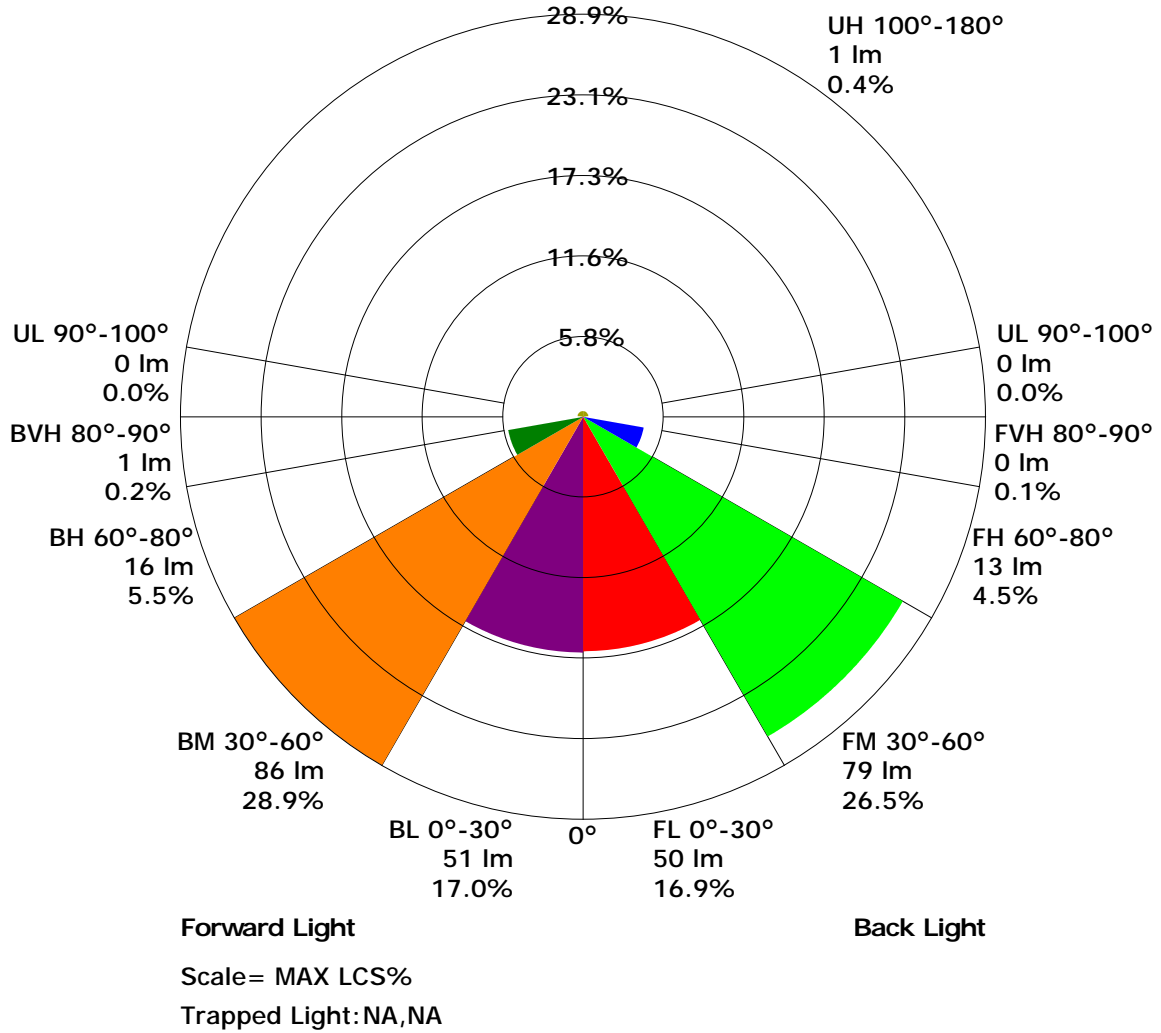
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	144	48.0
FL (0°-30°)	50	16.9
FM (30°-60°)	79	26.5
FH (60°-80°)	13	4.5
FVH (80°-90°)	0	0.1
BACK LIGHT	154	51.6
BL (0°-30°)	51	17.0
BM (30°-60°)	86	28.9
BH (60°-80°)	16	5.5
BVH (80°-90°)	1	0.2
UP LIGHT	1	0.4
UL (90°-100°)	0	0.0
UH (100°-180°)	1	0.4
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 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:
 Distance:
 Humidity:
 Inspector:

LCS Graph



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:
 Distance:
 Humidity:
 Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.25									
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	0.64	0.74	0.81	0.86	0.93	0.97	1.00	1.04	1.06	
	0.30		0.57	0.68	0.75	0.80	0.88	0.93	0.96	1.01	1.03	
	0.20		0.52	0.63	0.70	0.76	0.83	0.89	0.92	0.98	1.01	
0.50	0.50	0.20	0.62	0.72	0.79	0.84	0.90	0.94	0.96	1.00	1.02	
	0.30		0.56	0.67	0.74	0.79	0.85	0.90	0.93	0.97	1.00	
	0.20		0.52	0.62	0.69	0.75	0.82	0.87	0.90	0.95	0.98	
0.30	0.50	0.20	0.61	0.71	0.77	0.81	0.87	0.91	0.93	0.96	0.98	
	0.30		0.55	0.65	0.72	0.77	0.83	0.87	0.90	0.94	0.96	
	0.20		0.51	0.61	0.68	0.73	0.80	0.85	0.88	0.92	0.95	
0.00	0.00	0.00	0.49	0.59	0.66	0.71	0.77	0.81	0.84	0.88	0.90	
<p>Rating: 4W 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:
 Distance:
 Humidity:
 Inspector:

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.25									
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	0.88	0.71	0.59	0.51	0.40	0.33	0.28	0.21	0.17	
	0.30		0.74	0.61	0.52	0.45	0.36	0.30	0.26	0.20	0.17	
	0.20		0.63	0.53	0.46	0.41	0.33	0.28	0.24	0.19	0.16	
0.50	0.50	0.20	0.85	0.68	0.57	0.49	0.38	0.35	0.26	0.20	0.16	
	0.30		0.72	0.59	0.50	0.44	0.35	0.29	0.25	0.19	0.16	
	0.20		0.63	0.52	0.45	0.40	0.32	0.27	0.23	0.18	0.15	
0.30	0.50	0.20	0.82	0.65	0.54	0.46	0.36	0.29	0.25	0.19	0.15	
	0.30		0.70	0.57	0.49	0.42	0.33	0.28	0.23	0.18	0.15	
	0.20		0.62	0.51	0.44	0.38	0.31	0.26	0.22	0.17	0.14	
0.00	0.00	0.00	0.51	0.41	0.34	0.29	0.23	0.19	0.16	0.12	0.10	
<p>Rating: 4W 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:
 Distance:
 Humidity:
 Inspector:

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.25								
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	0.19	0.20	0.20	0.21	0.21	0.22
	0.30		0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.05	0.07	0.09	0.10	0.12	0.14	0.15	0.17	0.18
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		0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19
	0.20		0.05	0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.17
0.30	0.50	0.20	0.15	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.20
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.18
	0.20		0.05	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<p>Rating: 4W 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:
 Distance:
 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	128.4	0.1	0.1	0.04	0.04
1.0-2.0	128.2	0.4	0.5	0.12	0.16
2.0-3.0	128.0	0.6	1.1	0.20	0.37
3.0-4.0	127.8	0.9	2.0	0.29	0.66
4.0-5.0	127.7	1.1	3.1	0.37	1.02
5.0-6.0	127.5	1.3	4.4	0.45	1.47
6.0-7.0	127.3	1.6	6.0	0.53	2.00
7.0-8.0	127.1	1.8	7.8	0.61	2.61
8.0-9.0	126.8	2.1	9.9	0.69	3.30
9.0-10.0	126.5	2.3	12.1	0.77	4.06
10.0-11.0	126.3	2.5	14.7	0.84	4.91
11.0-12.0	126.1	2.8	17.4	0.92	5.83
12.0-13.0	125.8	3.0	20.4	1.00	6.83
13.0-14.0	125.3	3.2	23.6	1.07	7.90
14.0-15.0	124.8	3.4	27.0	1.15	9.05
15.0-16.0	124.2	3.6	30.7	1.22	10.26
16.0-17.0	123.7	3.9	34.5	1.29	11.55
17.0-18.0	123.2	4.1	38.6	1.36	12.91
18.0-19.0	122.5	4.3	42.9	1.43	14.34
19.0-20.0	121.7	4.5	47.3	1.49	15.83
20.0-21.0	121.0	4.6	52.0	1.55	17.38
21.0-22.0	120.2	4.8	56.8	1.62	19.00
22.0-23.0	119.3	5.0	61.8	1.67	20.67
23.0-24.0	118.4	5.2	67.0	1.73	22.40
24.0-25.0	117.4	5.3	72.3	1.79	24.19
25.0-26.0	116.3	5.5	77.8	1.84	26.02
26.0-27.0	115.2	5.6	83.4	1.88	27.91
27.0-28.0	114.0	5.8	89.2	1.93	29.84
28.0-29.0	112.7	5.9	95.1	1.97	31.81
29.0-30.0	111.5	6.0	101.1	2.01	33.82
30.0-31.0	110.2	6.1	107.3	2.05	35.88
31.0-32.0	108.8	6.2	113.5	2.08	37.96
32.0-33.0	107.4	6.3	119.8	2.12	40.08
33.0-34.0	105.9	6.4	126.2	2.14	42.22
34.0-35.0	104.3	6.5	132.7	2.17	44.39
35.0-36.0	102.7	6.5	139.2	2.19	46.57

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:
 Distance:
 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	101.0	6.6	145.8	2.20	48.78
37.0-38.0	99.1	6.6	152.4	2.21	50.99
38.0-39.0	97.0	6.6	159.1	2.21	53.20
39.0-40.0	94.8	6.6	165.7	2.21	55.41
40.0-41.0	92.4	6.6	172.3	2.20	57.62
41.0-42.0	89.8	6.5	178.8	2.18	59.80
42.0-43.0	87.1	6.5	185.2	2.16	61.96
43.0-44.0	84.1	6.4	191.6	2.12	64.08
44.0-45.0	81.0	6.2	197.8	2.08	66.16
45.0-46.0	77.6	6.1	203.9	2.03	68.19
46.0-47.0	74.1	5.9	209.8	1.97	70.16
47.0-48.0	70.5	5.7	215.5	1.91	72.07
48.0-49.0	66.9	5.5	221.0	1.84	73.91
49.0-50.0	63.3	5.3	226.3	1.77	75.67
50.0-51.0	59.7	5.1	231.3	1.69	77.36
51.0-52.0	56.2	4.8	236.1	1.61	78.98
52.0-53.0	52.9	4.6	240.7	1.54	80.52
53.0-54.0	49.7	4.4	245.1	1.47	81.98
54.0-55.0	46.6	4.2	249.3	1.39	83.37
55.0-56.0	43.6	3.9	253.2	1.32	84.69
56.0-57.0	40.8	3.7	256.9	1.25	85.94
57.0-58.0	38.1	3.5	260.5	1.18	87.12
58.0-59.0	35.5	3.3	263.8	1.11	88.23
59.0-60.0	33.2	3.1	266.9	1.05	89.28
60.0-61.0	30.9	2.9	269.9	0.99	90.26
61.0-62.0	28.7	2.8	272.6	0.92	91.19
62.0-63.0	26.6	2.6	275.2	0.86	92.05
63.0-64.0	24.6	2.4	277.6	0.81	92.86
64.0-65.0	22.7	2.2	279.9	0.75	93.61
65.0-66.0	20.8	2.1	281.9	0.69	94.30
66.0-67.0	19.0	1.9	283.9	0.64	94.94
67.0-68.0	17.2	1.7	285.6	0.58	95.52
68.0-69.0	15.5	1.6	287.2	0.53	96.05
69.0-70.0	14.0	1.4	288.6	0.48	96.53
70.0-71.0	12.5	1.3	289.9	0.43	96.96
71.0-72.0	11.2	1.2	291.1	0.39	97.35

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:
 Distance:
 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	10.0	1.0	292.1	0.35	97.70
73.0-74.0	8.9	0.9	293.0	0.31	98.01
74.0-75.0	7.8	0.8	293.9	0.28	98.29
75.0-76.0	6.9	0.7	294.6	0.24	98.54
76.0-77.0	6.0	0.6	295.2	0.21	98.75
77.0-78.0	5.1	0.6	295.8	0.18	98.93
78.0-79.0	4.3	0.5	296.3	0.16	99.09
79.0-80.0	3.6	0.4	296.7	0.13	99.22
80.0-81.0	2.9	0.3	297.0	0.10	99.32
81.0-82.0	2.3	0.2	297.2	0.08	99.41
82.0-83.0	1.7	0.2	297.4	0.06	99.47
83.0-84.0	1.2	0.1	297.5	0.04	99.51
84.0-85.0	0.8	0.1	297.6	0.03	99.54
85.0-86.0	0.5	0.1	297.7	0.02	99.56
86.0-87.0	0.3	0.0	297.7	0.01	99.57
87.0-88.0	0.1	0.0	297.7	0.01	99.57
88.0-89.0	0.1	0.0	297.7	0.00	99.58
89.0-90.0	0.0	0.0	297.7	0.00	99.58
90.0-91.0	0.0	0.0	297.7	0.00	99.58
91.0-92.0	0.0	0.0	297.7	0.00	99.58
92.0-93.0	0.0	0.0	297.7	0.00	99.58
93.0-94.0	0.0	0.0	297.7	0.00	99.58
94.0-95.0	0.0	0.0	297.7	0.00	99.58
95.0-96.0	0.0	0.0	297.7	0.00	99.58
96.0-97.0	0.0	0.0	297.7	0.00	99.58
97.0-98.0	0.0	0.0	297.7	0.00	99.58
98.0-99.0	0.0	0.0	297.7	0.00	99.58
99.0-100.0	0.0	0.0	297.7	0.00	99.58
100.0-101.0	0.0	0.0	297.7	0.00	99.58
101.0-102.0	0.0	0.0	297.7	0.00	99.58
102.0-103.0	0.0	0.0	297.7	0.00	99.58
103.0-104.0	0.0	0.0	297.7	0.00	99.58
104.0-105.0	0.0	0.0	297.7	0.00	99.58
105.0-106.0	0.0	0.0	297.7	0.00	99.58
106.0-107.0	0.0	0.0	297.7	0.00	99.58
107.0-108.0	0.0	0.0	297.7	0.00	99.58

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:
 Distance:
 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	297.7	0.00	99.58
109.0-110.0	0.0	0.0	297.7	0.00	99.58
110.0-111.0	0.0	0.0	297.7	0.00	99.58
111.0-112.0	0.0	0.0	297.7	0.00	99.58
112.0-113.0	0.0	0.0	297.7	0.00	99.58
113.0-114.0	0.1	0.0	297.7	0.00	99.58
114.0-115.0	0.1	0.0	297.7	0.00	99.59
115.0-116.0	0.1	0.0	297.8	0.00	99.59
116.0-117.0	0.1	0.0	297.8	0.00	99.59
117.0-118.0	0.1	0.0	297.8	0.00	99.60
118.0-119.0	0.1	0.0	297.8	0.00	99.60
119.0-120.0	0.2	0.0	297.8	0.01	99.61
120.0-121.0	0.2	0.0	297.8	0.01	99.61
121.0-122.0	0.2	0.0	297.8	0.01	99.62
122.0-123.0	0.2	0.0	297.9	0.01	99.63
123.0-124.0	0.2	0.0	297.9	0.01	99.63
124.0-125.0	0.2	0.0	297.9	0.01	99.64
125.0-126.0	0.2	0.0	297.9	0.01	99.65
126.0-127.0	0.2	0.0	297.9	0.01	99.65
127.0-128.0	0.2	0.0	298.0	0.01	99.66
128.0-129.0	0.3	0.0	298.0	0.01	99.67
129.0-130.0	0.3	0.0	298.0	0.01	99.67
130.0-131.0	0.3	0.0	298.0	0.01	99.68
131.0-132.0	0.3	0.0	298.1	0.01	99.69
132.0-133.0	0.3	0.0	298.1	0.01	99.70
133.0-134.0	0.3	0.0	298.1	0.01	99.71
134.0-135.0	0.3	0.0	298.1	0.01	99.72
135.0-136.0	0.3	0.0	298.2	0.01	99.72
136.0-137.0	0.3	0.0	298.2	0.01	99.73
137.0-138.0	0.4	0.0	298.2	0.01	99.74
138.0-139.0	0.4	0.0	298.2	0.01	99.75
139.0-140.0	0.4	0.0	298.3	0.01	99.76
140.0-141.0	0.4	0.0	298.3	0.01	99.77
141.0-142.0	0.4	0.0	298.3	0.01	99.78
142.0-143.0	0.4	0.0	298.3	0.01	99.79
143.0-144.0	0.4	0.0	298.4	0.01	99.80

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:
 Distance:
 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	0.4	0.0	298.4	0.01	99.80
145.0-146.0	0.4	0.0	298.4	0.01	99.81
146.0-147.0	0.4	0.0	298.5	0.01	99.82
147.0-148.0	0.4	0.0	298.5	0.01	99.83
148.0-149.0	0.5	0.0	298.5	0.01	99.84
149.0-150.0	0.5	0.0	298.5	0.01	99.85
150.0-151.0	0.5	0.0	298.6	0.01	99.86
151.0-152.0	0.5	0.0	298.6	0.01	99.87
152.0-153.0	0.5	0.0	298.6	0.01	99.87
153.0-154.0	0.5	0.0	298.6	0.01	99.88
154.0-155.0	0.5	0.0	298.7	0.01	99.89
155.0-156.0	0.5	0.0	298.7	0.01	99.90
156.0-157.0	0.5	0.0	298.7	0.01	99.91
157.0-158.0	0.5	0.0	298.7	0.01	99.91
158.0-159.0	0.5	0.0	298.7	0.01	99.92
159.0-160.0	0.5	0.0	298.8	0.01	99.93
160.0-161.0	0.5	0.0	298.8	0.01	99.93
161.0-162.0	0.5	0.0	298.8	0.01	99.94
162.0-163.0	0.6	0.0	298.8	0.01	99.95
163.0-164.0	0.6	0.0	298.8	0.01	99.95
164.0-165.0	0.6	0.0	298.9	0.01	99.96
165.0-166.0	0.6	0.0	298.9	0.01	99.96
166.0-167.0	0.6	0.0	298.9	0.00	99.97
167.0-168.0	0.6	0.0	298.9	0.00	99.97
168.0-169.0	0.6	0.0	298.9	0.00	99.98
169.0-170.0	0.6	0.0	298.9	0.00	99.98
170.0-171.0	0.6	0.0	298.9	0.00	99.98
171.0-172.0	0.6	0.0	298.9	0.00	99.99
172.0-173.0	0.6	0.0	299.0	0.00	99.99
173.0-174.0	0.6	0.0	299.0	0.00	99.99
174.0-175.0	0.6	0.0	299.0	0.00	100.00
175.0-176.0	0.6	0.0	299.0	0.00	100.00
176.0-177.0	0.6	0.0	299.0	0.00	100.00
177.0-178.0	0.6	0.0	299.0	0.00	100.00
178.0-179.0	0.6	0.0	299.0	0.00	100.00
179.0-180.0	0.6	0.0	299.0	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:
 Distance:
 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	130.3	129.2	128.4	127.9	127.4	127.2	130.3	129.2	128.4	127.9
G1.0	130.3	129.2	128.4	128.0	127.5	127.2	130.0	129.0	128.1	127.5
G2.0	130.1	129.2	128.5	127.9	127.5	126.9	129.6	128.7	127.9	127.3
G3.0	130.0	129.0	128.3	127.8	127.0	126.3	128.9	128.6	127.8	127.4
G4.0	130.1	128.9	128.0	127.6	127.0	126.0	129.0	128.2	127.7	127.6
G5.0	129.9	128.9	127.7	127.7	127.1	125.7	129.0	128.1	127.7	127.4
G6.0	129.8	128.7	127.3	127.6	126.7	125.3	128.8	127.8	127.5	127.3
G7.0	129.8	128.3	127.1	127.4	126.5	125.4	128.6	127.5	127.2	127.0
G8.0	129.7	128.1	126.8	126.9	126.1	125.5	128.0	127.1	127.1	126.8
G9.0	129.8	127.8	126.4	126.3	125.5	125.4	127.7	126.7	126.8	126.4
G10.0	129.8	127.6	126.2	125.2	125.3	124.8	127.3	126.4	126.8	126.3
G11.0	129.5	127.2	126.1	124.6	125.2	124.4	126.8	126.2	126.7	126.6
G12.0	129.3	126.8	126.2	124.8	124.8	124.2	126.4	126.0	126.2	126.3
G13.0	128.8	126.6	125.6	124.8	124.4	123.9	126.1	125.4	125.8	125.8
G14.0	128.0	126.0	125.1	124.3	123.9	123.7	125.7	125.0	125.2	125.4
G15.0	126.9	125.2	124.5	123.8	123.1	123.5	125.6	124.3	124.4	125.3
G16.0	126.3	124.8	123.8	123.3	122.6	123.2	125.2	123.7	123.6	124.6
G17.0	125.9	124.6	122.7	122.8	122.2	123.1	124.6	123.3	123.1	124.1
G18.0	125.2	124.3	121.7	122.1	121.7	122.7	124.2	122.9	122.8	123.4
G19.0	124.3	123.4	121.1	121.1	121.0	122.2	123.6	122.2	122.0	122.6
G20.0	123.5	122.6	121.1	120.1	120.6	121.6	123.3	121.2	121.3	121.9
G21.0	122.4	121.8	120.7	119.2	119.9	121.1	122.6	120.3	120.7	120.8
G22.0	121.2	120.7	119.7	118.5	119.1	120.5	122.1	119.7	119.9	119.9
G23.0	119.9	119.8	119.1	117.6	118.1	120.0	121.5	119.1	118.8	119.2
G24.0	118.6	118.8	118.1	116.8	117.1	119.4	121.0	118.4	117.7	118.3
G25.0	117.2	117.8	116.9	116.0	116.4	118.5	120.4	117.5	117.1	117.3
G26.0	115.7	116.4	115.3	114.8	115.6	117.4	119.6	116.6	115.9	116.3
G27.0	114.0	115.2	114.3	113.8	114.6	116.3	118.4	115.7	114.7	115.1
G28.0	112.6	113.6	113.1	112.6	113.8	115.2	116.9	114.6	113.4	113.6
G29.0	111.4	111.8	112.3	111.4	112.7	113.8	115.7	113.6	112.3	112.6
G30.0	109.9	110.3	111.1	110.1	111.6	112.6	114.3	112.3	111.2	111.5
G31.0	108.5	109.1	109.7	108.8	110.2	110.9	113.1	111.3	110.1	110.1
G32.0	106.7	107.6	108.1	107.4	108.8	109.3	111.7	110.2	108.5	108.4
G33.0	105.5	105.9	106.9	105.9	107.4	107.9	109.9	108.8	107.2	107.0
G34.0	104.1	104.7	105.4	104.4	105.5	106.3	108.4	107.3	105.6	105.4
G35.0	102.2	103.1	103.9	102.8	103.9	104.9	106.8	105.8	103.9	103.9
G36.0	99.9	102.0	102.4	101.3	102.2	103.7	105.1	104.1	102.6	102.8

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:
 Distance:
 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	97.5	100.1	100.5	99.5	100.7	102.5	103.2	102.3	100.9	101.1
G38.0	95.6	97.8	97.7	97.3	99.0	100.9	101.4	100.5	99.1	99.5
G39.0	93.2	95.4	95.4	94.9	97.1	99.4	99.8	98.3	97.1	97.6
G40.0	90.4	92.7	93.0	92.7	95.0	97.8	98.1	96.0	95.0	95.7
G41.0	87.4	89.7	90.3	90.1	92.7	95.9	96.0	93.8	92.8	93.5
G42.0	84.2	86.3	87.1	87.4	89.9	94.0	93.8	91.3	90.6	90.9
G43.0	80.8	83.0	83.8	84.4	87.4	92.0	91.3	88.8	88.2	88.2
G44.0	77.1	79.4	80.3	80.9	85.0	89.6	88.7	86.1	85.4	85.1
G45.0	73.5	75.3	76.8	77.7	81.6	86.9	86.1	83.2	82.6	82.0
G46.0	69.9	71.4	72.7	74.3	78.5	83.7	82.8	80.1	79.5	78.1
G47.0	66.6	67.7	69.0	70.7	74.9	80.5	79.4	77.1	75.7	74.4
G48.0	62.8	63.8	65.6	67.0	71.3	77.0	76.0	73.8	71.9	70.5
G49.0	59.3	60.3	61.6	63.4	67.7	73.5	72.4	70.0	68.4	66.5
G50.0	55.9	56.9	58.5	60.1	64.2	69.8	69.0	66.3	64.8	62.1
G51.0	52.6	53.7	54.7	56.3	60.9	65.8	65.4	62.6	60.9	58.1
G52.0	49.1	50.6	51.5	52.9	57.5	62.2	61.8	58.9	57.4	54.3
G53.0	46.1	47.6	48.5	49.8	54.3	58.5	58.2	55.8	54.1	50.7
G54.0	43.3	44.6	45.7	46.9	50.9	55.1	55.0	52.4	50.8	47.2
G55.0	40.8	41.9	42.8	44.0	48.1	51.5	51.7	49.4	47.1	43.5
G56.0	37.8	39.2	40.3	41.5	45.2	48.5	48.4	46.4	43.6	40.2
G57.0	35.7	36.6	38.0	39.0	42.0	45.7	45.6	43.7	40.5	37.1
G58.0	33.5	34.0	35.3	36.3	39.3	42.9	42.5	41.0	37.3	34.1
G59.0	31.4	31.7	33.1	34.0	36.9	40.2	40.0	38.7	34.2	31.0
G60.0	29.4	29.6	30.9	31.8	34.4	37.7	37.5	36.4	31.5	28.3
G61.0	27.6	27.6	29.1	29.6	32.0	35.2	35.0	33.9	29.0	25.7
G62.0	25.7	25.9	26.6	27.5	29.7	32.4	32.6	31.8	26.6	23.1
G63.0	24.2	24.3	24.8	24.7	27.5	30.2	30.5	29.9	24.2	20.8
G64.0	22.2	22.7	23.1	22.4	25.1	28.2	28.7	28.4	22.1	18.6
G65.0	20.4	21.2	21.4	20.3	22.8	26.4	26.7	26.9	19.9	16.5
G66.0	18.8	19.5	19.6	18.6	20.8	24.6	25.0	25.4	18.2	14.3
G67.0	17.1	18.0	17.8	16.7	19.0	22.8	23.5	23.4	15.9	12.5
G68.0	15.5	16.4	16.0	15.1	17.1	21.3	22.0	20.8	14.0	10.9
G69.0	14.1	14.8	14.4	13.7	15.6	19.8	20.3	18.5	12.3	9.6
G70.0	12.7	13.3	12.9	12.3	14.2	18.2	18.4	16.5	10.7	8.3
G71.0	11.3	11.9	11.6	10.9	12.8	16.8	16.7	14.8	9.1	7.3
G72.0	10.2	10.8	10.4	9.6	11.4	15.5	15.2	13.2	8.0	6.3
G73.0	9.2	9.6	9.4	8.6	10.2	14.0	13.7	11.8	6.9	5.4

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:
 Distance:
 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	8.3	8.6	8.3	7.4	9.0	12.5	12.3	10.6	6.0	4.4
G75.0	7.3	7.8	7.3	6.4	8.0	11.3	11.1	9.4	5.0	3.7
G76.0	6.5	6.9	6.4	5.5	7.0	10.2	10.1	8.3	4.2	3.1
G77.0	5.7	6.0	5.6	4.6	5.9	9.1	9.1	7.3	3.5	2.5
G78.0	4.8	5.1	4.6	3.8	5.0	8.1	8.1	6.3	2.8	1.8
G79.0	4.1	4.3	3.8	3.0	4.1	7.2	7.3	5.4	2.1	1.2
G80.0	3.3	3.6	3.0	2.4	3.2	6.3	6.5	4.4	1.6	0.5
G81.0	2.6	2.9	2.3	1.9	2.5	5.5	5.7	3.5	1.0	0.0
G82.0	1.9	2.2	1.7	1.4	1.9	4.6	4.9	2.8	0.4	0.0
G83.0	1.4	1.6	1.1	0.8	1.3	3.7	4.2	2.1	0.0	0.0
G84.0	0.8	1.0	0.6	0.4	0.8	2.8	3.5	1.4	0.0	0.0
G85.0	0.4	0.5	0.3	0.0	0.2	1.9	2.9	0.8	0.0	0.0
G86.0	0.0	0.1	0.0	0.0	0.0	1.1	2.2	0.4	0.0	0.0
G87.0	0.0	0.0	0.0	0.0	0.0	0.5	1.6	0.1	0.0	0.0
G88.0	0.0	0.0	0.0	0.0	0.0	0.2	1.1	0.0	0.0	0.0
G89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	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	0.1	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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G109.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G110.0	0.1	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:

Distance:

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

GVC	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G111.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G112.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
G113.0	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0
G114.0	0.1	0.1	0.0	0.1	0.0	0.1	0.1	0.0	0.0	0.0
G115.0	0.2	0.1	0.0	0.1	0.2	0.1	0.1	0.0	0.0	0.1
G116.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1
G117.0	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
G118.0	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
G119.0	0.2	0.2	0.1	0.2	0.2	0.1	0.2	0.1	0.1	0.1
G120.0	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.1	0.1	0.2
G121.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
G122.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
G123.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
G124.0	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
G125.0	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
G126.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
G127.0	0.3	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3
G128.0	0.3	0.3	0.2	0.3	0.2	0.2	0.3	0.3	0.2	0.3
G129.0	0.3	0.2	0.3	0.3	0.3	0.2	0.3	0.3	0.2	0.3
G130.0	0.3	0.3	0.3	0.3	0.2	0.3	0.3	0.3	0.2	0.3
G131.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3
G132.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
G133.0	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
G134.0	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
G135.0	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
G136.0	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3
G137.0	0.4	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3
G138.0	0.4	0.4	0.3	0.4	0.3	0.3	0.4	0.3	0.3	0.4
G139.0	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3
G140.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4
G141.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.4
G142.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
G143.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
G144.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
G145.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
G146.0	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
G147.0	0.5	0.5	0.4	0.5	0.4	0.4	0.5	0.4	0.4	0.4

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:
 Distance:
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

GVC	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G148.0	0.4	0.5	0.4	0.5	0.5	0.4	0.5	0.4	0.4	0.4
G149.0	0.5	0.5	0.4	0.5	0.5	0.4	0.5	0.5	0.4	0.4
G150.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5
G151.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5
G152.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.5
G153.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
G154.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
G155.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
G156.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
G157.0	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5
G158.0	0.6	0.5	0.5	0.6	0.5	0.5	0.6	0.5	0.5	0.5
G159.0	0.5	0.5	0.5	0.6	0.5	0.5	0.6	0.5	0.5	0.5
G160.0	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5
G161.0	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.5	0.5	0.5
G162.0	0.6	0.5	0.5	0.6	0.6	0.5	0.6	0.6	0.5	0.5
G163.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6
G164.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6
G165.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6
G166.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
G167.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
G168.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
G169.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
G170.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
G171.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
G172.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
G173.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
G174.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
G175.0	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6
G176.0	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6
G177.0	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6
G178.0	0.6	0.6	0.6	0.6	0.6	0.6	0.7	0.6	0.6	0.6
G179.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
G180.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6

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:
 Distance:
 Humidity:
 Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	127.4	127.2	130.3							
G1.0	127.3	127.2	130.3							
G2.0	127.0	127.0	130.1							
G3.0	126.9	126.9	130.0							
G4.0	126.4	126.8	130.1							
G5.0	126.2	126.6	129.9							
G6.0	125.9	126.3	129.8							
G7.0	125.8	126.1	129.8							
G8.0	125.3	126.2	129.7							
G9.0	125.0	126.3	129.8							
G10.0	125.1	125.9	129.8							
G11.0	125.4	125.4	129.5							
G12.0	125.4	125.3	129.3							
G13.0	125.0	125.0	128.8							
G14.0	124.5	124.3	128.0							
G15.0	123.7	123.7	126.9							
G16.0	123.0	123.1	126.3							
G17.0	122.3	122.5	125.9							
G18.0	121.6	121.7	125.2							
G19.0	120.7	120.9	124.3							
G20.0	120.2	119.5	123.5							
G21.0	119.4	118.3	122.4							
G22.0	118.4	117.2	121.2							
G23.0	117.2	115.9	119.9							
G24.0	116.0	114.4	118.6							
G25.0	114.9	113.1	117.2							
G26.0	113.9	111.5	115.7							
G27.0	112.5	110.4	114.0							
G28.0	111.6	109.1	112.6							
G29.0	110.2	107.7	111.4							
G30.0	109.0	106.7	109.9							
G31.0	107.2	105.2	108.5							
G32.0	106.1	104.1	106.7							
G33.0	104.7	102.5	105.5							
G34.0	103.3	101.0	104.1							
G35.0	101.4	99.2	102.2							
G36.0	99.5	97.1	99.9							

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:
 Distance:
 Humidity:
 Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	97.8	94.7	97.5							
G38.0	96.0	91.8	95.6							
G39.0	94.0	88.8	93.2							
G40.0	91.4	86.0	90.4							
G41.0	88.8	83.4	87.4							
G42.0	86.0	80.3	84.2							
G43.0	82.7	77.2	80.8							
G44.0	79.7	73.8	77.1							
G45.0	76.2	70.2	73.5							
G46.0	72.9	66.3	69.9							
G47.0	69.2	62.8	66.6							
G48.0	65.8	59.5	62.8							
G49.0	61.7	56.2	59.3							
G50.0	57.9	52.6	55.9							
G51.0	54.5	49.6	52.6							
G52.0	51.0	46.8	49.1							
G53.0	47.4	44.1	46.1							
G54.0	44.2	41.5	43.3							
G55.0	41.0	38.8	40.8							
G56.0	37.8	36.4	37.8							
G57.0	35.2	34.3	35.7							
G58.0	32.7	32.3	33.5							
G59.0	30.5	30.1	31.4							
G60.0	28.4	28.3	29.4							
G61.0	26.2	26.7	27.6							
G62.0	24.3	24.8	25.7							
G63.0	22.6	22.9	24.2							
G64.0	20.9	21.1	22.2							
G65.0	18.6	19.3	20.4							
G66.0	16.1	17.6	18.8							
G67.0	14.1	15.9	17.1							
G68.0	12.2	14.4	15.5							
G69.0	10.7	12.9	14.1							
G70.0	9.3	11.6	12.7							
G71.0	8.0	10.3	11.3							
G72.0	6.9	9.3	10.2							
G73.0	5.9	8.4	9.2							

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:
 Distance:
 Humidity:
 Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	5.1	7.5	8.3							
G75.0	4.2	6.6	7.3							
G76.0	3.5	5.8	6.5							
G77.0	2.7	5.0	5.7							
G78.0	2.1	4.2	4.8							
G79.0	1.5	3.5	4.1							
G80.0	1.0	2.8	3.3							
G81.0	0.5	2.2	2.6							
G82.0	0.3	1.5	1.9							
G83.0	0.1	1.1	1.4							
G84.0	0.0	0.7	0.8							
G85.0	0.0	0.4	0.4							
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	0.1							
G109.0	0.0	0.0	0.1							
G110.0	0.0	0.0	0.1							

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:
 Distance:
 Humidity:
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

GVC	C300.0	C330.0	C360.0							
G111.0	0.0	0.1	0.1							
G112.0	0.0	0.1	0.1							
G113.0	0.1	0.1	0.1							
G114.0	0.1	0.1	0.1							
G115.0	0.1	0.1	0.2							
G116.0	0.2	0.2	0.2							
G117.0	0.2	0.2	0.2							
G118.0	0.2	0.2	0.2							
G119.0	0.2	0.2	0.2							
G120.0	0.2	0.2	0.2							
G121.0	0.2	0.2	0.2							
G122.0	0.2	0.2	0.2							
G123.0	0.2	0.2	0.2							
G124.0	0.2	0.2	0.3							
G125.0	0.3	0.3	0.3							
G126.0	0.3	0.3	0.3							
G127.0	0.3	0.3	0.3							
G128.0	0.3	0.3	0.3							
G129.0	0.3	0.3	0.3							
G130.0	0.3	0.3	0.3							
G131.0	0.3	0.3	0.3							
G132.0	0.3	0.3	0.3							
G133.0	0.3	0.3	0.4							
G134.0	0.3	0.3	0.4							
G135.0	0.3	0.3	0.4							
G136.0	0.4	0.3	0.4							
G137.0	0.4	0.4	0.4							
G138.0	0.4	0.4	0.4							
G139.0	0.4	0.4	0.4							
G140.0	0.4	0.4	0.4							
G141.0	0.4	0.4	0.4							
G142.0	0.4	0.4	0.4							
G143.0	0.4	0.4	0.4							
G144.0	0.4	0.4	0.4							
G145.0	0.4	0.4	0.4							
G146.0	0.5	0.4	0.4							
G147.0	0.4	0.4	0.5							

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:
 Distance:
 Humidity:
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

GVC	C300.0	C330.0	C360.0							
G148.0	0.5	0.5	0.4							
G149.0	0.5	0.5	0.5							
G150.0	0.5	0.5	0.5							
G151.0	0.5	0.5	0.5							
G152.0	0.5	0.5	0.5							
G153.0	0.5	0.5	0.5							
G154.0	0.5	0.5	0.5							
G155.0	0.5	0.5	0.5							
G156.0	0.6	0.5	0.5							
G157.0	0.5	0.5	0.5							
G158.0	0.5	0.5	0.6							
G159.0	0.6	0.5	0.5							
G160.0	0.6	0.5	0.5							
G161.0	0.6	0.5	0.6							
G162.0	0.6	0.6	0.6							
G163.0	0.6	0.6	0.6							
G164.0	0.6	0.6	0.6							
G165.0	0.6	0.6	0.6							
G166.0	0.6	0.6	0.6							
G167.0	0.6	0.6	0.6							
G168.0	0.6	0.6	0.6							
G169.0	0.6	0.6	0.6							
G170.0	0.6	0.6	0.6							
G171.0	0.6	0.6	0.6							
G172.0	0.6	0.6	0.6							
G173.0	0.6	0.6	0.6							
G174.0	0.6	0.6	0.6							
G175.0	0.6	0.6	0.6							
G176.0	0.6	0.6	0.6							
G177.0	0.6	0.6	0.6							
G178.0	0.6	0.6	0.6							
G179.0	0.6	0.6	0.6							
G180.0	0.6	0.6	0.6							

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:
 Distance:
 Humidity:
 Inspector: