Report No.: **Test Time: 2022/5/23 11:44**

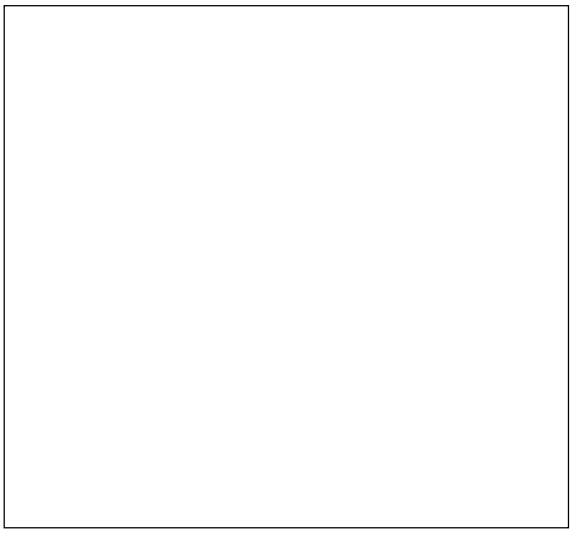
Luminaire Property

Luminaire Manufacturer:
Luminaire Description: MLS0140W12V50KD Power: 36.52 W

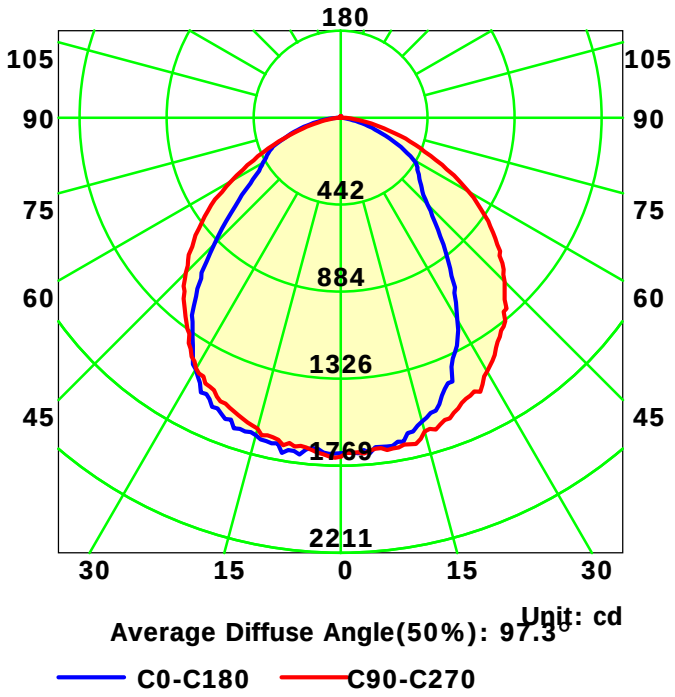
Photometric Results

CIE Class: Direct **Total Rated Lamp Lumens: 3998.5 lm**
Measurement Flux: 3998.5 lm **Efficiency: 100%**
Downward Ratio: 99% **Upward Ratio: 1%**
Horizontal Diffuse Angle(10%,50%,75%,100%): H148.9,H84.4,H63,H15
Vertical Diffuse Angle(10%,50%,75%,100%): V153.8,V110.2,V77.3,V1
Luminaire Efficacy Rating (LER): 109 **Central Intensity: 1704.43 cd**
Max. Intensity: 1740.72 cd **Pos of Max. Intensity: H135 V4**

Picture Of Luminaire

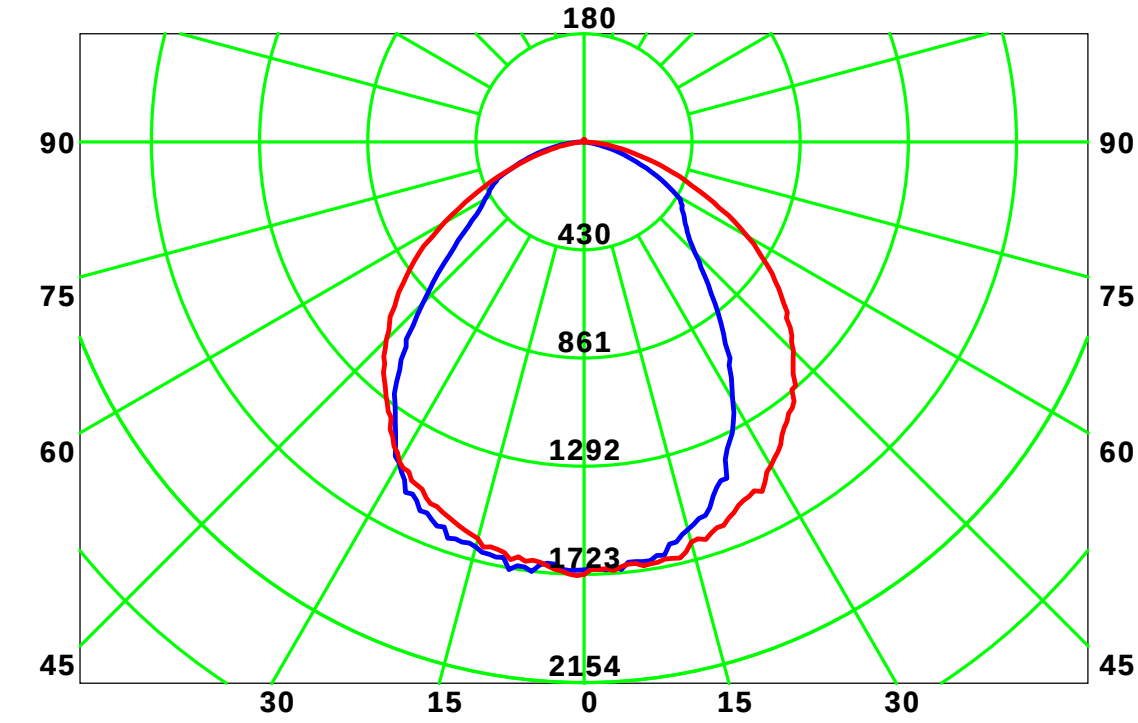


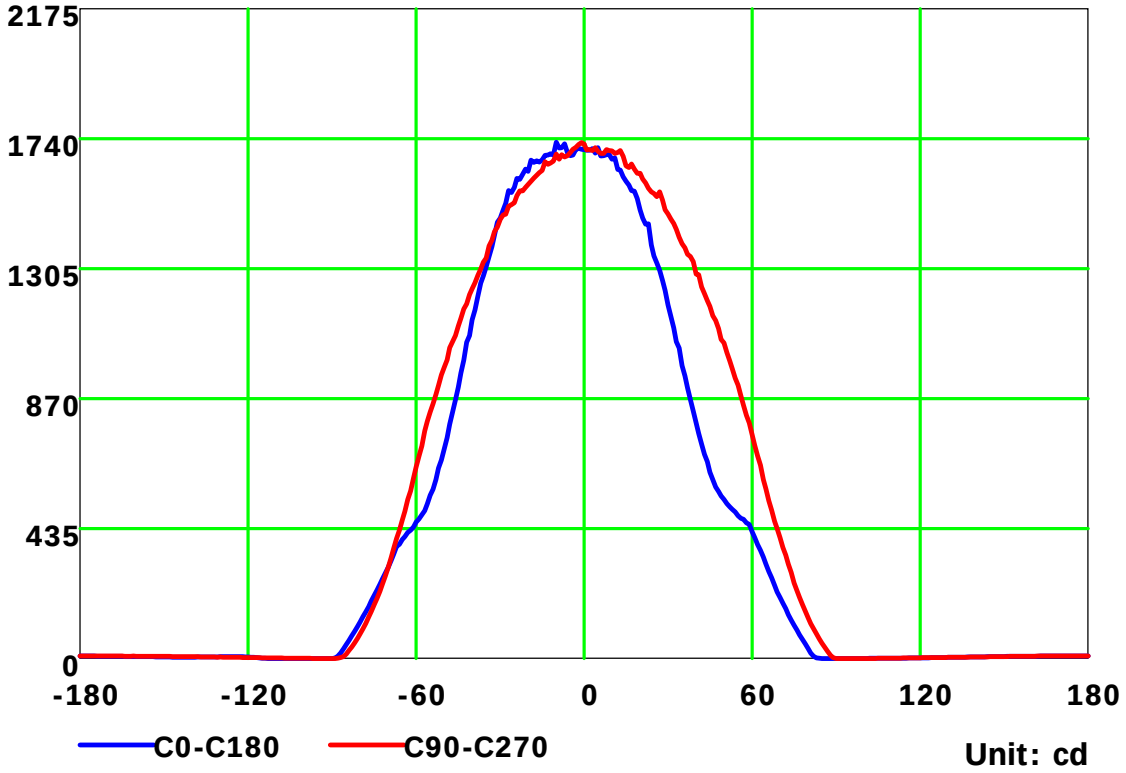
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0 **Gamma Plane (°):0.0-180.0:1.0**
Test Lab: **Test Device:**
Test Type: TYPE C **Distance:**
Temperature: **Humidity:**
Operator: **Inspector:**

Luminous Intensity Distribution Curve

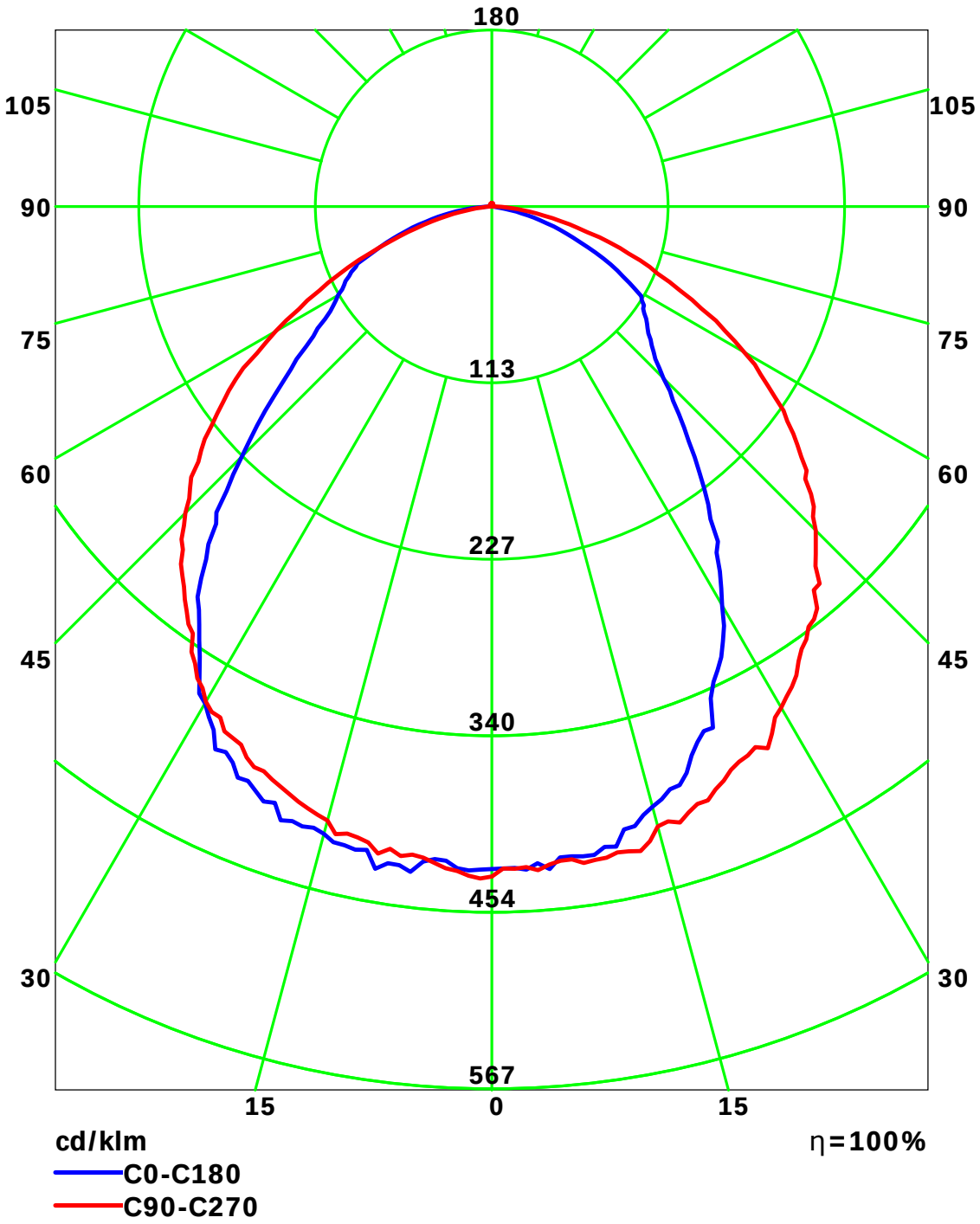




C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

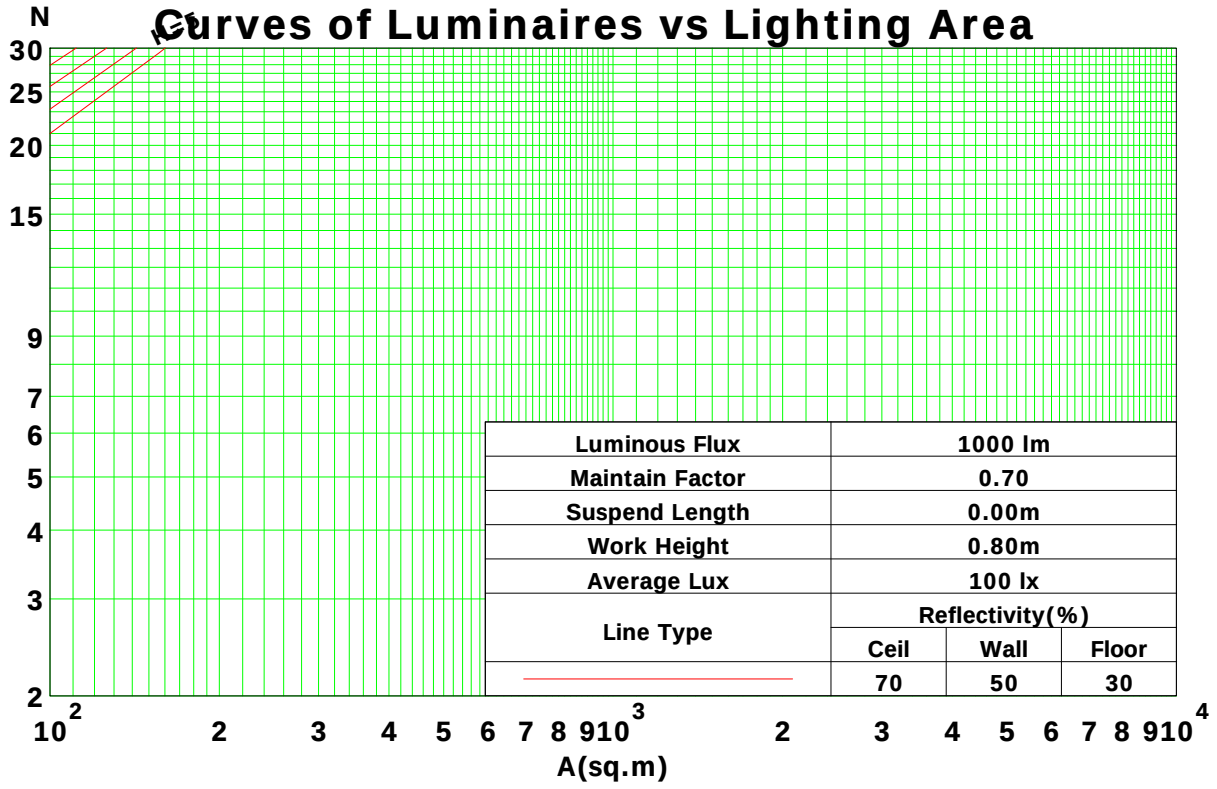
Gamma Plane (°):0.0-180.0:1.0
Test Device:
Distance:
Humidity:
Inspector:

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	99
1	110	106	102	98	107	103	100	97	99	96	94	95	93	91	91	90	88	86
2	101	93	87	82	98	92	86	81	88	83	79	85	81	77	82	78	75	73
3	93	83	76	70	90	81	75	69	78	73	68	76	71	66	73	69	65	63
4	85	74	66	60	83	73	65	59	70	64	59	68	62	58	66	61	57	55
5	79	67	58	52	77	66	58	52	64	57	51	62	56	51	60	54	50	48
6	73	61	52	46	71	60	52	46	58	51	45	56	50	45	55	49	45	43
7	68	55	47	41	66	54	47	41	53	46	41	51	45	40	50	44	40	38
8	64	51	43	37	62	50	42	37	49	42	37	47	41	36	46	40	36	34
9	59	47	39	33	58	46	39	33	45	38	33	44	37	33	43	37	33	31
10	56	43	36	30	55	43	35	30	42	35	30	41	34	30	40	34	30	28

Spacing Criteria (0-180): 1.17
Spacing Criteria (90-270): 1.27
Spacing Criteria (Diagonal): 1.28

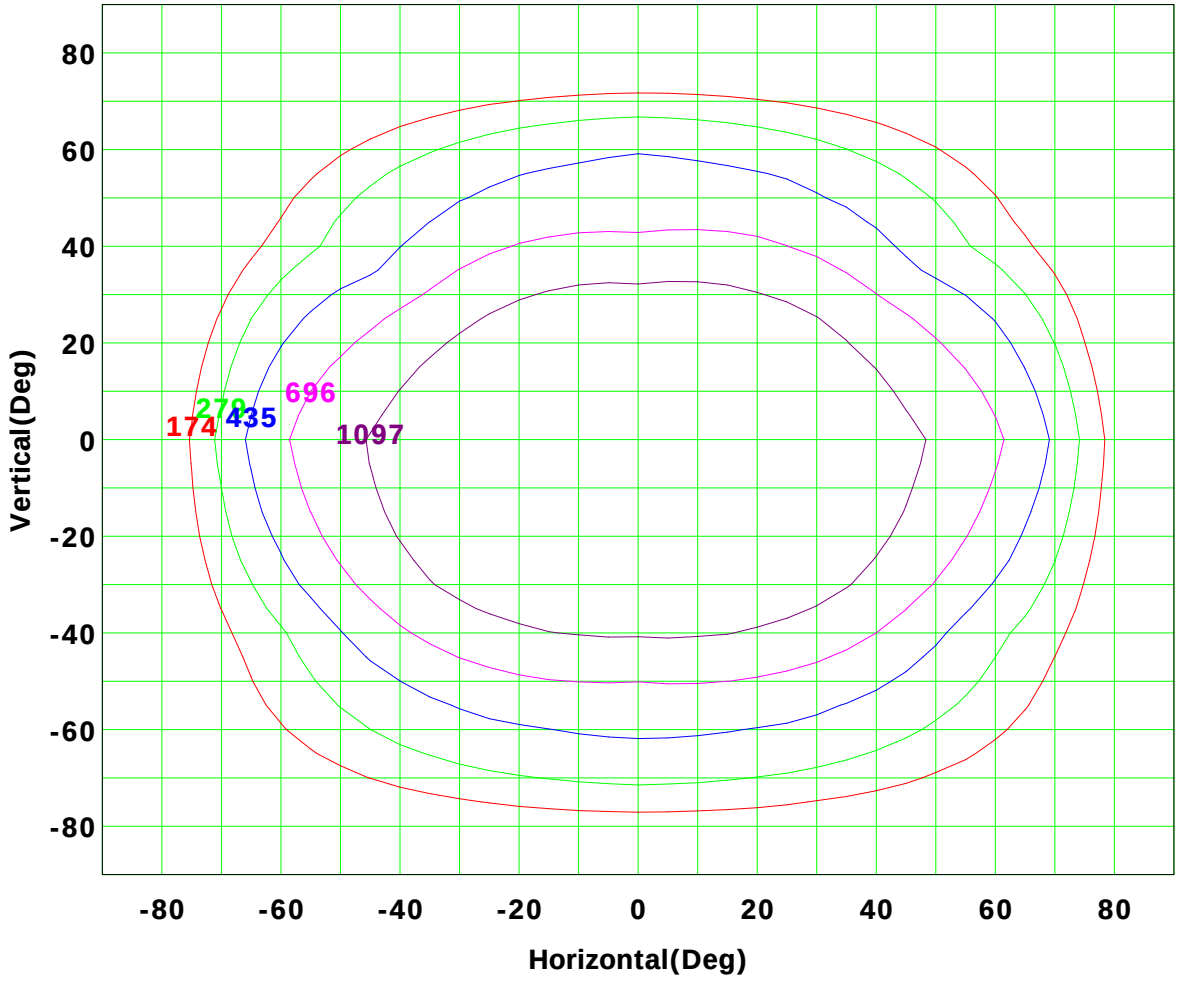
Curves of Luminaires vs Lighting Area



C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

Isocandela (rectangle)



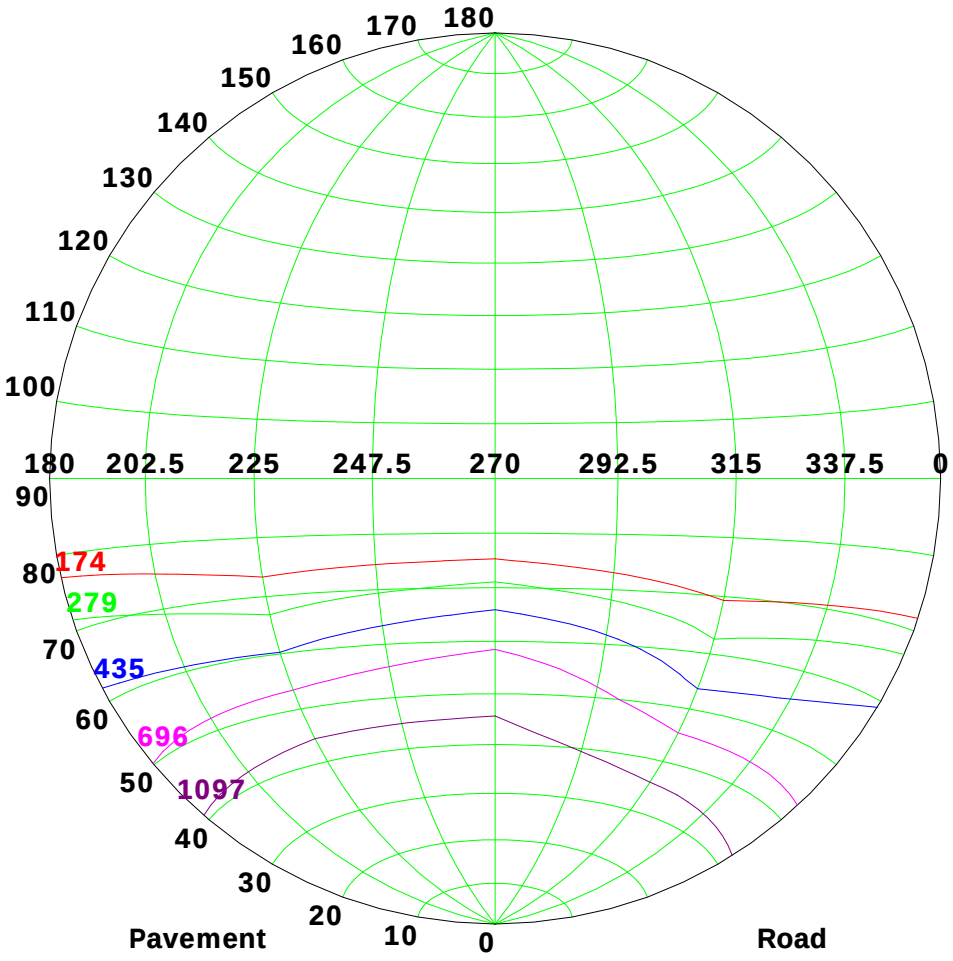
Imax (100%): 1741 cd

(10%): 174 cd	(16%): 279 cd
(25%): 435 cd	(40%): 696 cd
(63%): 1097 cd	(100%): 1741 cd

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

Isocandela (sphere)



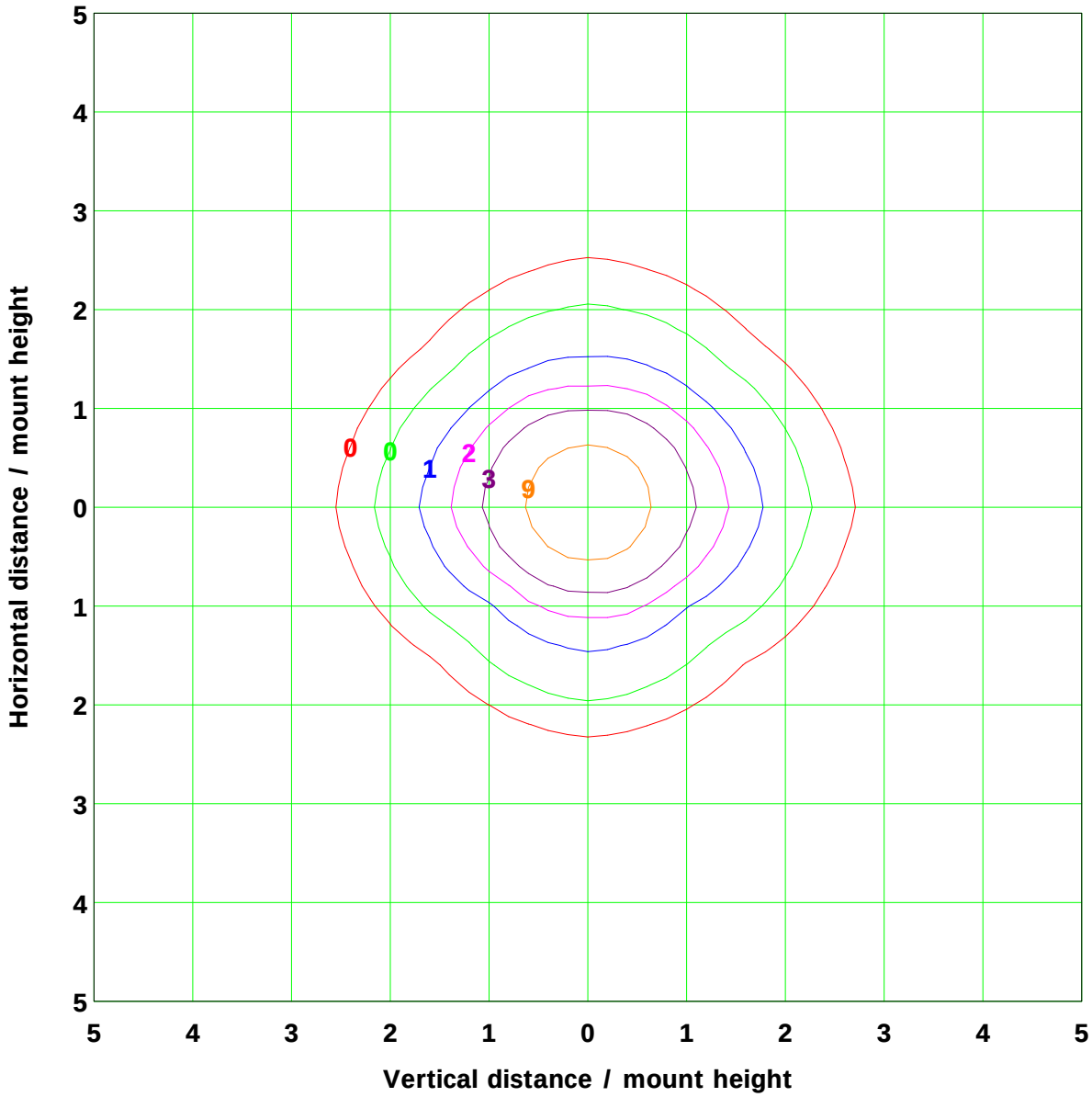
Imax (100%): 1741 cd

(10%): 174 cd	(16%): 279 cd
(25%): 435 cd	(40%): 696 cd
(63%): 1097 cd	(100%): 1741 cd

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

IsoLux Plot

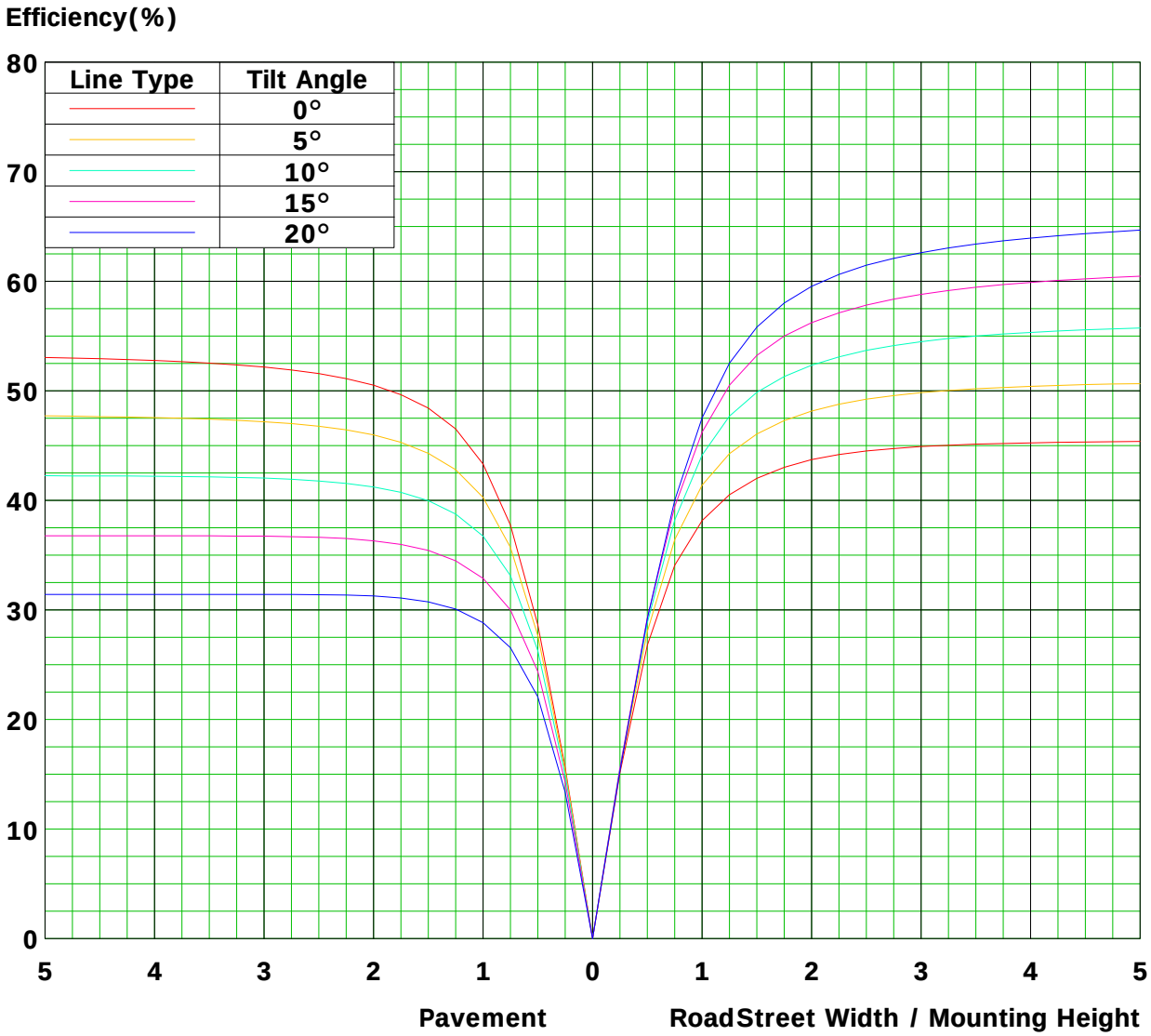


Mounting Height: 10.0m Max Lux(100%): 17.3 lx

(1%): 0.2 lx
(2%): 0.3 lx
(5%): 0.9 lx
(10%): 1.7 lx
(20%): 3.5 lx
(50%): 8.7 lx
(100%): 17.3 lx

C Plane (°):0.0-360.0: 45.0
Gamma Plane (°):0.0-180.0:1.0
Test Lab:
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

Roadway CU Curve

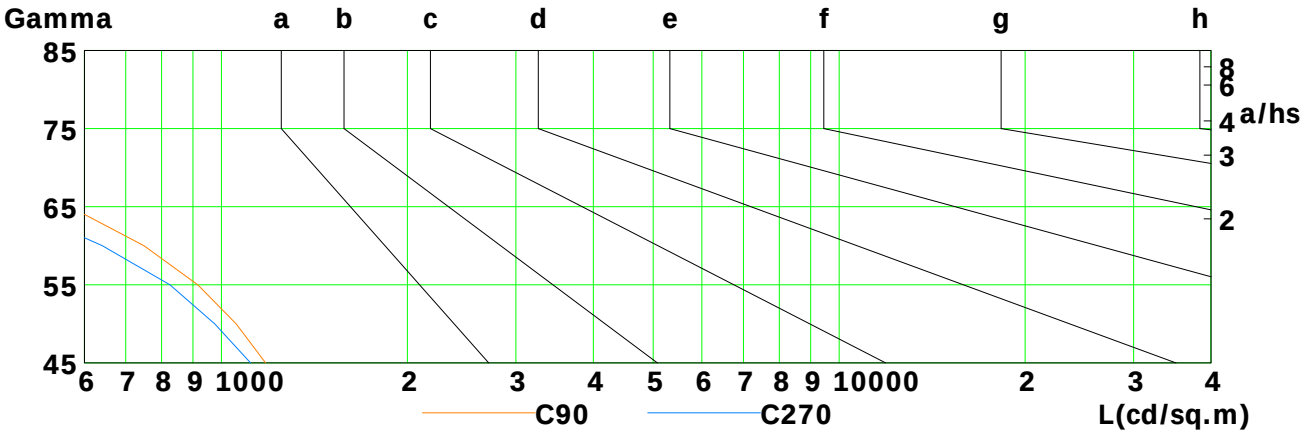


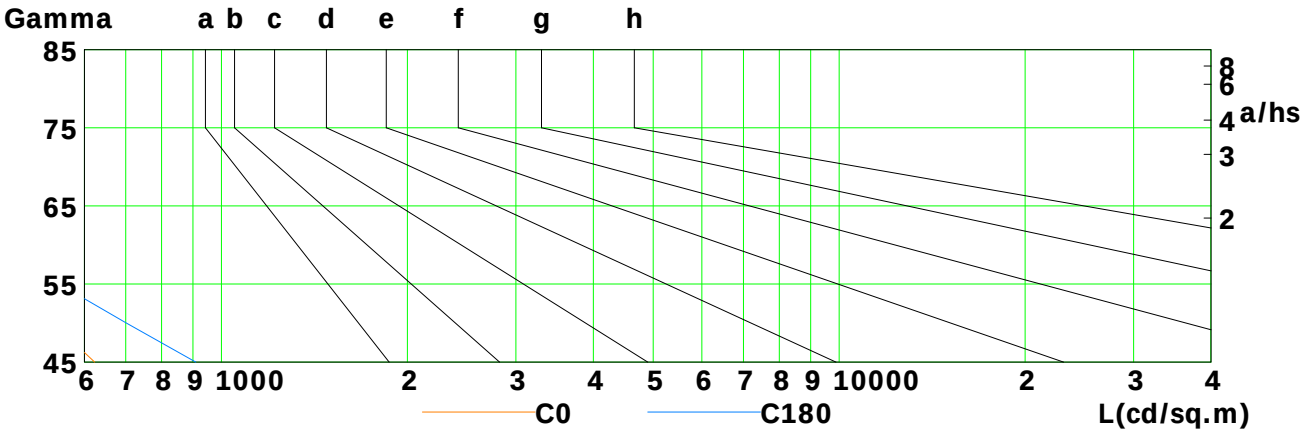
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
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



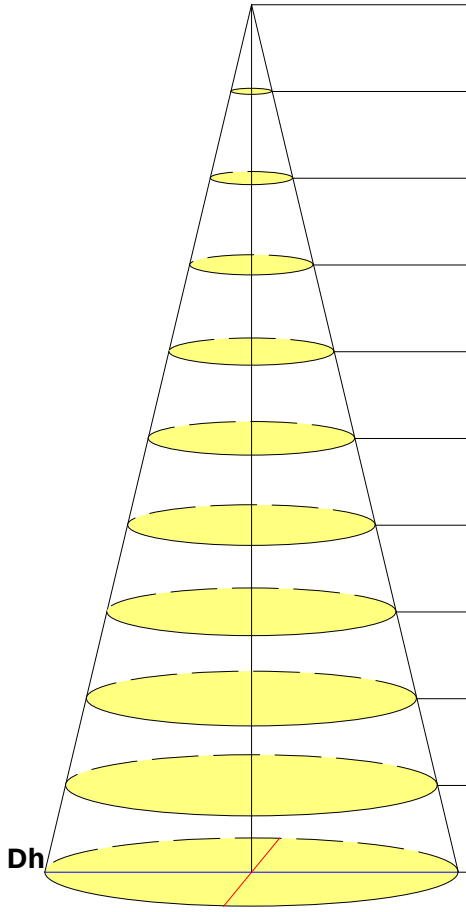


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	624	533	479	425	316	205	112	34	0
C90	1179	1057	916	750	569	406	254	136	52
C180	909	702	547	457	399	306	212	123	48
C270	1115	976	826	642	465	306	181	84	16

C Plane (°):0.0-360.0: 45.0
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



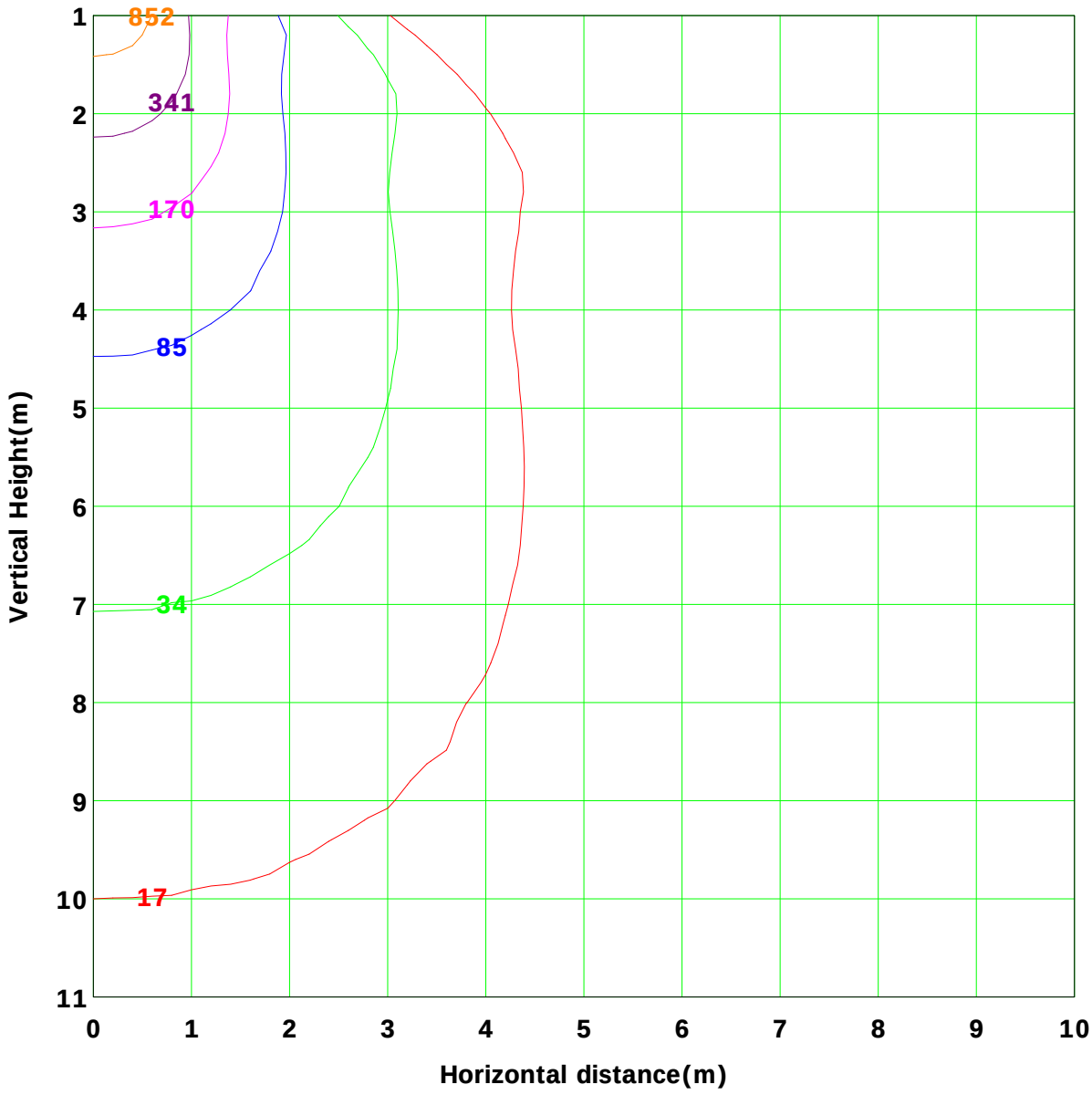
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
5.0	68.18	9.06/14.34	100.5	15.12
10.0	17.04	18.12/28.69	401.9	3.78
15.0	7.58	27.19/43.03	904.3	1.68
20.0	4.26	36.25/57.38	1607.6	0.94
25.0	2.73	45.31/71.72	2511.8	0.60
30.0	1.89	54.37/86.07	3617.1	0.42
35.0	1.39	63.43/100.41	4923.2	0.31
40.0	1.07	72.49/114.76	6430.3	0.24
45.0	0.84	81.56/129.10	8138.4	0.19
50.0	0.68	90.62/143.45	10047.4	0.15

Beam Angle(B): H84.4 V110.2 Field Angle(F): H148.9 V153.8

C Plane (°):0.0-360.0: 45.0
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: 1704.4 lx

(1%): 17.0 lx
(2%): 34.1 lx
(5%): 85.2 lx
(10%): 170.4 lx
(20%): 340.9 lx
(50%): 852.2 lx
(100%):1704.4 lx

C Plane (°):0.0-360.0: 45.0
Gamma Plane (°):0.0-180.0:1.0
Test Lab:
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

Area Flux Table

Unit: lx

Vertical plane	-90.0	-80.0	-70.0	-60.0	-50.0	-40.0	-30.0	-20.0	-10.0	0.00.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	ΦT	ΦE
-90.0	0.0	0.0	0.0	0.2	0.3	0.5	0.6	0.7	0.8	0.7	0.5	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0
-80.0	0.0	0.2	0.7	1.4	2.1	2.9	3.9	4.8	5.4	5.2	4.2	3.1	1.9	1.0	0.4	0.1	0.0	0.0	0.0	37.3	13.3
-70.0	0.0	0.5	1.4	2.7	4.1	6.0	8.7	11.3	13.5	13.2	10.6	7.6	4.8	2.8	1.5	0.5	0.0	0.0	0.0	89.3	78.1
-60.0	0.1	0.8	2.2	4.2	6.5	10.2	15.4	20.4	23.8	22.9	18.1	12.7	7.9	5.1	2.9	1.2	0.2	0.0	0.0	154.5	149.4
-50.0	0.1	1.0	2.9	5.8	9.7	16.3	24.1	30.0	33.2	31.6	25.5	17.8	10.8	7.3	4.4	1.9	0.4	0.0	0.0	222.9	220.0
-40.0	0.1	1.3	3.7	7.2	13.4	23.0	32.2	38.2	40.9	39.3	33.4	24.4	15.1	9.5	5.9	2.6	0.6	0.0	0.0	290.7	288.7
-30.0	0.2	1.5	4.3	8.5	16.7	28.1	38.1	44.3	46.6	45.4	40.1	30.9	20.1	11.5	7.0	3.2	0.8	0.0	0.0	347.3	345.8
-20.0	0.2	1.6	4.8	9.4	19.0	31.4	41.6	47.7	49.8	49.1	44.7	35.5	23.5	13.2	7.8	3.7	0.9	0.0	0.0	383.9	382.6
-10.0	0.2	1.7	5.0	9.8	19.9	32.8	43.3	49.0	51.5	51.0	46.8	37.5	24.8	13.8	8.3	4.1	1.0	0.0	0.0	400.5	399.4
0.00.0	0.2	1.7	5.1	9.9	20.0	32.9	43.4	49.2	51.8	51.2	46.9	37.8	25.1	14.1	8.4	4.1	1.0	0.0	0.0	402.7	401.6
10.0	0.2	1.7	4.8	9.7	19.3	31.9	42.1	48.2	50.5	49.7	45.2	36.5	24.5	13.8	8.0	3.8	0.9	0.0	0.0	390.8	389.6
20.0	0.2	1.5	4.5	8.8	17.3	29.0	39.3	45.1	47.4	46.3	41.6	32.9	21.7	12.4	7.3	3.3	0.8	0.0	0.0	359.3	357.9
30.0	0.1	1.3	3.9	7.6	14.2	24.0	33.6	39.7	42.3	40.9	35.6	26.9	17.1	10.3	6.1	2.7	0.6	0.0	0.0	307.0	305.2
40.0	0.1	1.1	3.2	6.2	10.5	17.6	25.7	31.7	35.1	33.7	27.8	20.0	12.2	7.9	4.7	2.0	0.4	0.0	0.0	239.9	237.3
50.0	0.1	0.8	2.4	4.6	7.3	11.4	17.3	22.7	26.4	25.5	20.3	14.3	8.8	5.5	3.3	1.4	0.2	0.0	0.0	172.4	168.2
60.0	0.1	0.6	1.6	3.1	4.9	7.3	10.4	13.7	16.4	16.1	12.8	9.2	5.8	3.4	1.9	0.7	0.1	0.0	0.0	107.9	99.3
70.0	0.0	0.3	0.9	1.7	2.7	3.9	5.3	6.6	7.6	7.4	6.0	4.3	2.7	1.5	0.7	0.2	0.0	0.0	0.0	51.9	30.6
80.0	0.0	0.1	0.3	0.6	0.9	1.2	1.4	1.6	1.7	1.6	1.2	0.8	0.5	0.2	0.1	0.0	0.0	0.0	0.0	12.1	0.0
90.0	1.9	17.6	51.8	101.6	181.6	303.7	420.2	499.2	504.8	426.5	310.6	189.0	126.1	220.8	227.6	133.4	78.8	35.5	7.9	0.1	3976
ΦT	0.0	9.3	44.9	94.5	181.6	303.7	420.2	499.2	504.8	426.5	310.6	189.0	126.1	220.8	227.6	133.4	71.7	27.7	0.9	0.0	
ΦE	0.0	9.3	44.9	94.5	181.6	303.7	420.2	499.2	504.8	426.5	310.6	189.0	126.1	220.8	227.6	133.4	71.7	27.7	0.9	0.0	3867

Horizontal plane

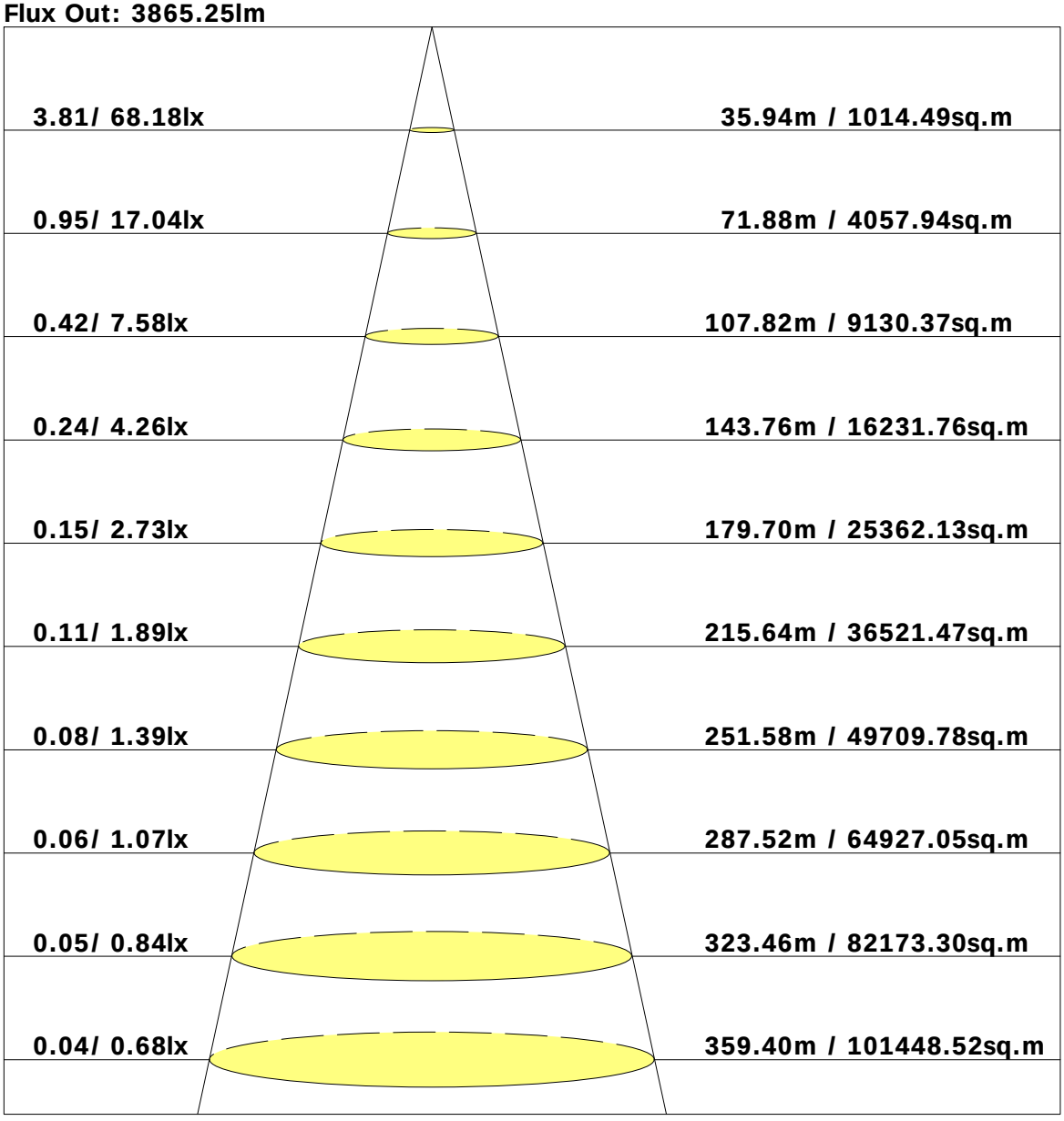
-90.0 -80.0 -70.0 -60.0 -50.0 -40.0 -30.0 -20.0 -10.0 0.00.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0 ΦT

C Plane (°):0.0-360.0: 45.0
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

Flux Out: 3865.25lm



Height	Avg./Nadir. E	Beam Angle:148.9°	Diameter / Area
5.0m	3.81/ 68.18lx		35.94m / 1014.49sq.m
10.0m	0.95/ 17.04lx		71.88m / 4057.94sq.m
15.0m	0.42/ 7.58lx		107.82m / 9130.37sq.m
20.0m	0.24/ 4.26lx		143.76m / 16231.76sq.m
25.0m	0.15/ 2.73lx		179.70m / 25362.13sq.m
30.0m	0.11/ 1.89lx		215.64m / 36521.47sq.m
35.0m	0.08/ 1.39lx		251.58m / 49709.78sq.m
40.0m	0.06/ 1.07lx		287.52m / 64927.05sq.m
45.0m	0.05/ 0.84lx		323.46m / 82173.30sq.m
50.0m	0.04/ 0.68lx		359.40m / 101448.52sq.m

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

UGR Table

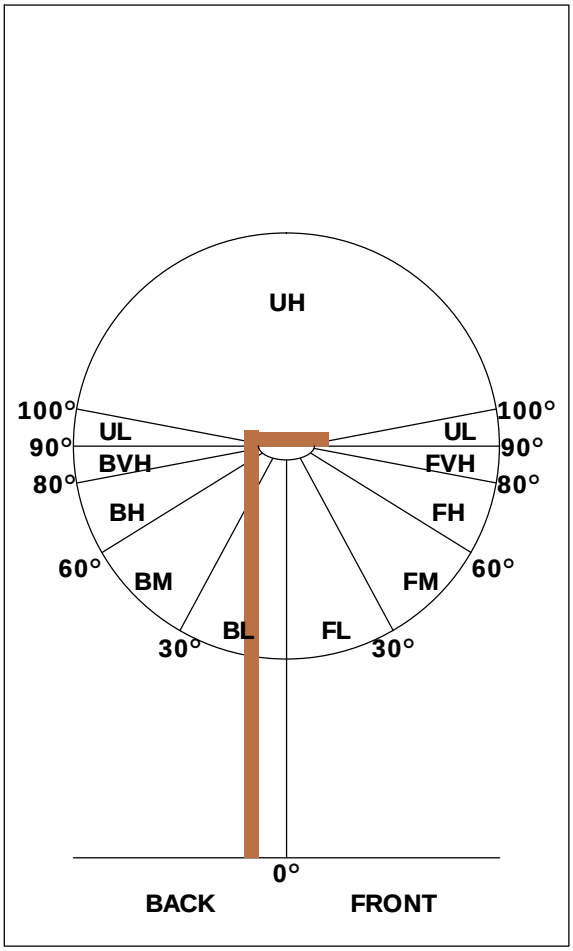
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
3H	1.$	1.$	1.$	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: 45.0
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



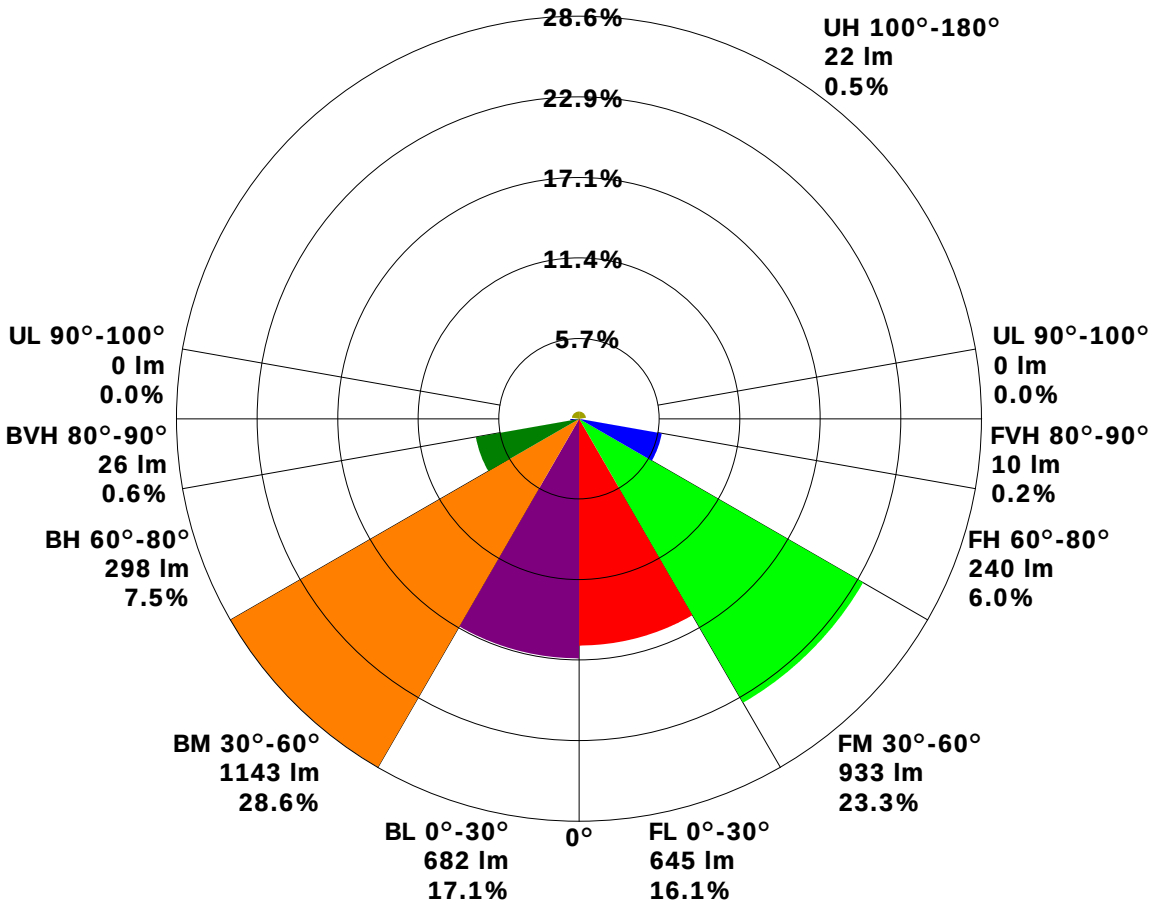
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	1828	45.7
FL (0°-30°)	645	16.1
FM (30°-60°)	933	23.3
FH (60°-80°)	240	6.0
FVH (80°-90°)	10	0.2
BACK LIGHT	2149	53.7
BL (0°-30°)	682	17.1
BM (30°-60°)	1143	28.6
BH (60°-80°)	298	7.5
BVH (80°-90°)	26	0.6
UP LIGHT	22	0.5
UL (90°-100°)	0	0.0
UH (100°-180°)	22	0.5
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B2 U2 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B2 U2 G1

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

LCS Graph



Scale= MAX LCS%

Trapped Light:NA,NA

C Plane (°):0.0-360.0: 45.0
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	0.62	0.72	0.79	0.84	0.91	0.95	0.98	1.02	1.05
	0.30		0.55	0.65	0.73	0.78	0.85	0.90	0.94	0.99	1.02
	0.20		0.50	0.60	0.68	0.73	0.81	0.86	0.90	0.96	0.99
0.50	0.50	0.20	0.61	0.70	0.77	0.81	0.88	0.92	0.95	0.98	1.01
	0.30		0.54	0.64	0.71	0.76	0.83	0.88	0.91	0.96	0.98
	0.20		0.50	0.60	0.67	0.72	0.79	0.84	0.88	0.93	0.96
0.30	0.50	0.20	0.59	0.68	0.75	0.79	0.85	0.89	0.91	0.95	0.97
	0.30		0.54	0.63	0.70	0.74	0.81	0.85	0.88	0.92	0.95
	0.20		0.49	0.59	0.66	0.71	0.78	0.82	0.86	0.90	0.93
0.00	0.00	0.00	0.47	0.57	0.63	0.68	0.74	0.79	0.82	0.86	0.88

Rating:37W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

C Plane (°):0.0-360.0: 45.0
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	0.91	0.74	0.62	0.54	0.43	0.35	0.30	0.23	0.19
	0.30		0.76	0.63	0.54	0.48	0.39	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	0.87	0.71	0.59	0.51	0.41	0.37	0.28	0.22	0.18
	0.30		0.74	0.61	0.53	0.46	0.37	0.31	0.27	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	0.84	0.68	0.57	0.49	0.39	0.32	0.27	0.21	0.17
	0.30		0.72	0.60	0.51	0.44	0.36	0.30	0.25	0.20	0.16
	0.20		0.63	0.53	0.46	0.41	0.33	0.28	0.24	0.19	0.16
0.00	0.00	0.00	0.52	0.43	0.36	0.32	0.25	0.21	0.18	0.14	0.11

Rating:37W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

C Plane (°):0.0-360.0: 45.0
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	0.22	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	0.16	0.17	0.18	0.18	0.19	0.20	0.20	0.21	0.21
	0.30		0.10	0.11	0.13	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	0.14	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	0.08	0.10	0.12	0.13	0.14	0.16	0.17
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

Rating:37W Photometrically tested without ceiling board.
Multiply UF values by service correction factors
Calculate in accordance with CIBSE Technical Memorandum NO.5 1980

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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

Zonal Lumen

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1709.9	1.6	1.6	0.04	0.04
1.0-2.0	1712.1	4.9	6.6	0.12	0.16
2.0-3.0	1714.9	8.2	14.8	0.21	0.37
3.0-4.0	1709.9	11.4	26.2	0.29	0.66
4.0-5.0	1701.3	14.6	40.8	0.37	1.02
5.0-6.0	1696.6	17.8	58.7	0.45	1.47
6.0-7.0	1698.1	21.1	79.8	0.53	1.99
7.0-8.0	1700.7	24.3	104.1	0.61	2.60
8.0-9.0	1699.1	27.5	131.6	0.69	3.29
9.0-10.0	1694.9	30.7	162.3	0.77	4.06
10.0-11.0	1686.8	33.7	196.0	0.84	4.90
11.0-12.0	1676.6	36.7	232.7	0.92	5.82
12.0-13.0	1670.7	39.7	272.3	0.99	6.81
13.0-14.0	1664.7	42.6	314.9	1.07	7.88
14.0-15.0	1652.8	45.4	360.3	1.13	9.01
15.0-16.0	1641.7	48.1	408.4	1.20	10.21
16.0-17.0	1634.8	50.9	459.4	1.27	11.49
17.0-18.0	1626.4	53.6	513.0	1.34	12.83
18.0-19.0	1616.1	56.2	569.2	1.41	14.24
19.0-20.0	1601.5	58.6	627.8	1.47	15.70
20.0-21.0	1589.4	61.0	688.9	1.53	17.23
21.0-22.0	1579.0	63.5	752.3	1.59	18.82
22.0-23.0	1563.6	65.6	818.0	1.64	20.46
23.0-24.0	1546.5	67.6	885.6	1.69	22.15
24.0-25.0	1526.2	69.4	955.0	1.74	23.88
25.0-26.0	1506.1	71.1	1026.1	1.78	25.66
26.0-27.0	1493.2	73.1	1099.2	1.83	27.49
27.0-28.0	1477.5	74.8	1174.0	1.87	29.36
28.0-29.0	1452.8	76.0	1250.0	1.90	31.26
29.0-30.0	1426.5	77.0	1327.0	1.93	33.19
30.0-31.0	1400.5	77.9	1405.0	1.95	35.14
31.0-32.0	1374.3	78.7	1483.7	1.97	37.11
32.0-33.0	1346.3	79.3	1563.0	1.98	39.09
33.0-34.0	1319.5	79.9	1642.9	2.00	41.09
34.0-35.0	1289.5	80.1	1723.0	2.00	43.09
35.0-36.0	1259.1	80.2	1803.2	2.01	45.10

C Plane (°):0.0-360.0: 45.0
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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	1233.2	80.4	1883.6	2.01	47.11
37.0-38.0	1203.4	80.3	1964.0	2.01	49.12
38.0-39.0	1169.2	79.8	2043.8	2.00	51.11
39.0-40.0	1134.4	79.1	2122.9	1.98	53.09
40.0-41.0	1102.2	78.5	2201.4	1.96	55.06
41.0-42.0	1069.0	77.7	2279.1	1.94	57.00
42.0-43.0	1031.8	76.4	2355.5	1.91	58.91
43.0-44.0	995.4	75.1	2430.7	1.88	60.79
44.0-45.0	959.9	73.8	2504.5	1.85	62.63
45.0-46.0	922.5	72.2	2576.6	1.80	64.44
46.0-47.0	887.5	70.6	2647.2	1.77	66.20
47.0-48.0	854.5	69.1	2716.3	1.73	67.93
48.0-49.0	819.0	67.3	2783.6	1.68	69.61
49.0-50.0	784.6	65.4	2849.0	1.64	71.25
50.0-51.0	753.2	63.7	2912.7	1.59	72.84
51.0-52.0	722.2	62.0	2974.7	1.55	74.39
52.0-53.0	690.8	60.1	3034.8	1.50	75.90
53.0-54.0	660.1	58.2	3093.0	1.46	77.35
54.0-55.0	631.3	56.4	3149.4	1.41	78.76
55.0-56.0	602.8	54.5	3203.8	1.36	80.13
56.0-57.0	574.9	52.6	3256.4	1.31	81.44
57.0-58.0	547.5	50.6	3307.0	1.27	82.71
58.0-59.0	521.2	48.7	3355.8	1.22	83.93
59.0-60.0	496.3	46.9	3402.7	1.17	85.10
60.0-61.0	470.7	44.9	3447.6	1.12	86.22
61.0-62.0	445.4	42.9	3490.5	1.07	87.30
62.0-63.0	422.4	41.1	3531.6	1.03	88.32
63.0-64.0	399.2	39.2	3570.8	0.98	89.30
64.0-65.0	376.0	37.2	3608.0	0.93	90.23
65.0-66.0	354.0	35.3	3643.3	0.88	91.12
66.0-67.0	332.7	33.5	3676.8	0.84	91.95
67.0-68.0	311.1	31.5	3708.3	0.79	92.74
68.0-69.0	289.0	29.5	3737.8	0.74	93.48
69.0-70.0	268.6	27.6	3765.4	0.69	94.17
70.0-71.0	248.3	25.7	3791.0	0.64	94.81
71.0-72.0	228.8	23.8	3814.8	0.60	95.41

C Plane (°):0.0-360.0: 45.0
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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	210.0	22.0	3836.8	0.55	95.96
73.0-74.0	191.2	20.1	3856.9	0.50	96.46
74.0-75.0	172.9	18.3	3875.2	0.46	96.92
75.0-76.0	155.4	16.5	3891.7	0.41	97.33
76.0-77.0	138.8	14.8	3906.5	0.37	97.70
77.0-78.0	122.7	13.1	3919.6	0.33	98.03
78.0-79.0	107.5	11.5	3931.2	0.29	98.32
79.0-80.0	92.6	10.0	3941.2	0.25	98.56
80.0-81.0	78.2	8.5	3949.6	0.21	98.78
81.0-82.0	64.8	7.0	3956.6	0.18	98.95
82.0-83.0	52.8	5.7	3962.4	0.14	99.10
83.0-84.0	42.0	4.6	3966.9	0.11	99.21
84.0-85.0	32.2	3.5	3970.5	0.09	99.30
85.0-86.0	23.5	2.6	3973.0	0.06	99.36
86.0-87.0	16.1	1.8	3974.8	0.04	99.41
87.0-88.0	9.8	1.1	3975.9	0.03	99.43
88.0-89.0	4.8	0.5	3976.4	0.01	99.45
89.0-90.0	1.9	0.2	3976.6	0.01	99.45
90.0-91.0	0.5	0.1	3976.7	0.00	99.45
91.0-92.0	0.2	0.0	3976.7	0.00	99.45
92.0-93.0	0.1	0.0	3976.7	0.00	99.45
93.0-94.0	0.0	0.0	3976.7	0.00	99.45
94.0-95.0	0.0	0.0	3976.7	0.00	99.45
95.0-96.0	0.0	0.0	3976.7	0.00	99.45
96.0-97.0	0.1	0.0	3976.7	0.00	99.45
97.0-98.0	0.1	0.0	3976.7	0.00	99.45
98.0-99.0	0.1	0.0	3976.7	0.00	99.45
99.0-100.0	0.1	0.0	3976.7	0.00	99.46
100.0-101.0	0.2	0.0	3976.8	0.00	99.46
101.0-102.0	0.4	0.0	3976.8	0.00	99.46
102.0-103.0	0.7	0.1	3976.9	0.00	99.46
103.0-104.0	0.8	0.1	3977.0	0.00	99.46
104.0-105.0	0.8	0.1	3977.1	0.00	99.46
105.0-106.0	1.0	0.1	3977.2	0.00	99.47
106.0-107.0	1.2	0.1	3977.3	0.00	99.47
107.0-108.0	1.3	0.1	3977.4	0.00	99.47

C Plane (°):0.0-360.0: 45.0
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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	1.4	0.1	3977.6	0.00	99.48
109.0-110.0	1.5	0.2	3977.7	0.00	99.48
110.0-111.0	1.7	0.2	3977.9	0.00	99.48
111.0-112.0	1.9	0.2	3978.1	0.00	99.49
112.0-113.0	2.0	0.2	3978.3	0.00	99.49
113.0-114.0	2.1	0.2	3978.5	0.01	99.50
114.0-115.0	2.2	0.2	3978.7	0.01	99.50
115.0-116.0	2.5	0.2	3979.0	0.01	99.51
116.0-117.0	2.7	0.3	3979.2	0.01	99.52
117.0-118.0	3.0	0.3	3979.5	0.01	99.52
118.0-119.0	3.2	0.3	3979.8	0.01	99.53
119.0-120.0	3.3	0.3	3980.1	0.01	99.54
120.0-121.0	3.5	0.3	3980.5	0.01	99.55
121.0-122.0	3.7	0.3	3980.8	0.01	99.56
122.0-123.0	3.9	0.4	3981.2	0.01	99.57
123.0-124.0	4.0	0.4	3981.5	0.01	99.57
124.0-125.0	4.1	0.4	3981.9	0.01	99.58
125.0-126.0	4.2	0.4	3982.3	0.01	99.59
126.0-127.0	4.4	0.4	3982.6	0.01	99.60
127.0-128.0	4.5	0.4	3983.0	0.01	99.61
128.0-129.0	4.6	0.4	3983.4	0.01	99.62
129.0-130.0	4.7	0.4	3983.8	0.01	99.63
130.0-131.0	4.8	0.4	3984.2	0.01	99.64
131.0-132.0	4.8	0.4	3984.6	0.01	99.65
132.0-133.0	5.0	0.4	3985.0	0.01	99.66
133.0-134.0	5.1	0.4	3985.4	0.01	99.67
134.0-135.0	5.2	0.4	3985.8	0.01	99.68
135.0-136.0	5.3	0.4	3986.2	0.01	99.69
136.0-137.0	5.4	0.4	3986.7	0.01	99.70
137.0-138.0	5.5	0.4	3987.1	0.01	99.71
138.0-139.0	5.6	0.4	3987.5	0.01	99.72
139.0-140.0	5.7	0.4	3987.9	0.01	99.73
140.0-141.0	5.8	0.4	3988.3	0.01	99.74
141.0-142.0	5.9	0.4	3988.7	0.01	99.75
142.0-143.0	6.1	0.4	3989.1	0.01	99.76
143.0-144.0	6.2	0.4	3989.5	0.01	99.77

C Plane (°):0.0-360.0: 45.0
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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	6.3	0.4	3989.9	0.01	99.78
145.0-146.0	6.4	0.4	3990.3	0.01	99.79
146.0-147.0	6.5	0.4	3990.7	0.01	99.80
147.0-148.0	6.6	0.4	3991.1	0.01	99.81
148.0-149.0	6.7	0.4	3991.5	0.01	99.82
149.0-150.0	6.9	0.4	3991.8	0.01	99.83
150.0-151.0	7.0	0.4	3992.2	0.01	99.84
151.0-152.0	7.1	0.4	3992.6	0.01	99.85
152.0-153.0	7.3	0.4	3993.0	0.01	99.86
153.0-154.0	7.4	0.4	3993.3	0.01	99.87
154.0-155.0	7.4	0.4	3993.7	0.01	99.88
155.0-156.0	7.5	0.3	3994.0	0.01	99.89
156.0-157.0	7.6	0.3	3994.3	0.01	99.90
157.0-158.0	7.7	0.3	3994.7	0.01	99.90
158.0-159.0	7.9	0.3	3995.0	0.01	99.91
159.0-160.0	8.0	0.3	3995.3	0.01	99.92
160.0-161.0	8.0	0.3	3995.6	0.01	99.93
161.0-162.0	8.1	0.3	3995.9	0.01	99.93
162.0-163.0	8.2	0.3	3996.1	0.01	99.94
163.0-164.0	8.3	0.3	3996.4	0.01	99.95
164.0-165.0	8.5	0.2	3996.6	0.01	99.95
165.0-166.0	8.6	0.2	3996.9	0.01	99.96
166.0-167.0	8.6	0.2	3997.1	0.01	99.96
167.0-168.0	8.7	0.2	3997.3	0.01	99.97
168.0-169.0	8.7	0.2	3997.5	0.00	99.97
169.0-170.0	8.8	0.2	3997.7	0.00	99.98
170.0-171.0	8.9	0.2	3997.8	0.00	99.98
171.0-172.0	9.0	0.1	3998.0	0.00	99.99
172.0-173.0	9.0	0.1	3998.1	0.00	99.99
173.0-174.0	9.0	0.1	3998.2	0.00	99.99
174.0-175.0	9.1	0.1	3998.3	0.00	99.99
175.0-176.0	9.2	0.1	3998.4	0.00	100.00
176.0-177.0	9.2	0.1	3998.5	0.00	100.00
177.0-178.0	9.2	0.0	3998.5	0.00	100.00
178.0-179.0	9.2	0.0	3998.5	0.00	100.00
179.0-180.0	9.2	0.0	3998.5	0.00	100.00

C Plane (°):0.0-360.0: 45.0
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	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	1704.4	1709.0	1723.4	1707.4	1704.4	1709.0	1723.4	1707.4	1704.4	
G1.0	1702.7	1701.3	1703.3	1710.5	1706.2	1708.6	1728.5	1708.9	1702.7	
G2.0	1702.2	1719.6	1704.3	1719.9	1709.0	1710.8	1722.1	1736.2	1702.2	
G3.0	1707.9	1734.8	1701.9	1721.4	1704.4	1720.7	1711.9	1711.3	1707.9	
G4.0	1693.5	1705.0	1711.4	1740.7	1686.8	1700.5	1706.1	1700.4	1693.5	
G5.0	1710.8	1701.3	1698.9	1709.4	1684.8	1688.2	1695.2	1687.2	1710.8	
G6.0	1683.6	1705.8	1691.8	1724.2	1694.3	1701.8	1684.0	1684.3	1683.6	
G7.0	1684.3	1697.4	1691.6	1722.8	1724.0	1710.3	1679.8	1689.1	1684.3	
G8.0	1687.8	1683.5	1705.0	1720.7	1710.8	1717.3	1687.3	1700.1	1687.8	
G9.0	1688.9	1677.8	1701.5	1728.8	1710.2	1712.5	1673.1	1681.2	1688.9	
G10.0	1672.5	1672.6	1700.9	1717.5	1729.7	1696.6	1689.9	1664.8	1672.5	
G11.0	1677.3	1673.9	1692.3	1686.0	1686.1	1703.0	1666.6	1658.3	1677.3	
G12.0	1638.0	1663.1	1695.7	1692.8	1691.2	1691.7	1659.6	1650.6	1638.0	
G13.0	1635.9	1657.6	1701.7	1686.9	1686.3	1682.7	1655.5	1642.8	1635.9	
G14.0	1613.4	1648.8	1682.4	1695.2	1685.2	1665.7	1663.8	1630.9	1613.4	
G15.0	1598.6	1631.8	1650.4	1694.2	1670.3	1661.3	1635.3	1618.2	1598.6	
G16.0	1586.0	1624.6	1645.3	1699.8	1662.8	1654.8	1627.6	1606.6	1586.0	
G17.0	1567.7	1591.7	1656.9	1676.2	1667.2	1668.1	1618.9	1602.5	1567.7	
G18.0	1565.2	1579.0	1639.0	1671.4	1662.3	1658.3	1609.8	1588.1	1565.2	
G19.0	1540.6	1576.2	1625.1	1659.4	1669.7	1645.5	1599.0	1568.5	1540.6	
G20.0	1502.5	1561.2	1625.7	1640.4	1632.1	1638.9	1588.2	1550.4	1502.5	
G21.0	1475.5	1537.5	1606.2	1664.6	1639.5	1637.8	1578.8	1551.0	1475.5	
G22.0	1455.3	1548.5	1593.1	1638.8	1622.4	1635.4	1566.9	1512.6	1455.3	
G23.0	1456.2	1512.7	1574.6	1634.5	1605.2	1603.8	1566.3	1492.0	1456.2	
G24.0	1384.9	1514.8	1563.4	1612.8	1608.3	1601.1	1550.9	1462.1	1384.9	
G25.0	1349.3	1472.4	1558.3	1601.3	1578.2	1600.1	1527.4	1434.6	1349.3	
G26.0	1325.7	1451.2	1546.9	1589.3	1561.5	1573.2	1520.7	1407.3	1325.7	
G27.0	1300.7	1443.3	1563.7	1584.9	1567.4	1553.8	1515.1	1386.6	1300.7	
G28.0	1266.4	1433.0	1535.4	1574.9	1525.1	1542.2	1488.5	1359.1	1266.4	
G29.0	1233.1	1383.0	1503.2	1556.5	1502.1	1522.3	1486.4	1333.0	1233.1	
G30.0	1184.6	1355.8	1489.0	1521.1	1475.9	1504.7	1471.2	1302.8	1184.6	
G31.0	1146.0	1320.0	1471.8	1514.2	1461.4	1485.9	1445.1	1259.0	1146.0	
G32.0	1107.3	1291.2	1457.0	1487.8	1418.8	1461.3	1430.4	1231.1	1107.3	
G33.0	1061.5	1264.7	1438.1	1480.6	1380.0	1437.7	1401.3	1192.0	1061.5	
G34.0	1040.0	1251.3	1411.0	1456.2	1346.5	1413.4	1381.8	1156.5	1040.0	
G35.0	981.3	1196.7	1390.0	1434.1	1312.8	1389.2	1341.1	1130.8	981.3	
G36.0	947.4	1165.5	1376.2	1428.6	1281.8	1360.1	1327.7	1082.6	947.4	

C Plane (°):0.0-360.0: 45.0
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	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	907.2	1145.0	1354.1	1403.4	1257.8	1341.4	1304.7	1047.9	907.2	
G38.0	867.7	1113.1	1346.6	1350.0	1214.2	1306.2	1283.0	1012.7	867.7	
G39.0	829.4	1062.1	1329.8	1316.6	1167.9	1281.0	1258.7	967.7	829.4	
G40.0	789.1	1017.8	1288.3	1305.4	1134.9	1241.7	1238.4	921.8	789.1	
G41.0	754.1	993.7	1285.8	1270.5	1081.8	1208.8	1218.7	884.8	754.1	
G42.0	719.2	952.4	1244.8	1226.4	1059.3	1173.5	1187.8	842.7	719.2	
G43.0	683.9	896.1	1222.0	1185.3	1000.0	1136.6	1170.7	808.8	683.9	
G44.0	659.9	855.2	1199.3	1149.6	957.1	1097.4	1140.3	764.5	659.9	
G45.0	624.0	807.1	1179.1	1111.9	909.1	1075.9	1114.7	714.1	624.0	
G46.0	599.8	766.5	1148.5	1066.3	866.6	1018.7	1082.2	676.0	599.8	
G47.0	575.6	738.1	1132.2	1026.0	826.0	976.6	1061.2	638.9	575.6	
G48.0	560.1	691.8	1105.5	986.5	784.9	935.6	1041.0	591.9	560.1	
G49.0	545.3	645.6	1068.8	943.3	740.3	902.4	1000.7	561.0	545.3	
G50.0	533.2	609.5	1057.2	897.3	702.1	843.6	976.1	528.1	533.2	
G51.0	519.0	584.0	1024.7	860.3	665.3	801.5	950.7	498.2	519.0	
G52.0	508.9	543.9	997.5	812.3	638.2	763.2	914.5	473.9	508.9	
G53.0	499.9	512.1	971.0	770.2	599.3	718.5	884.6	445.1	499.9	
G54.0	491.5	483.3	939.4	726.8	567.7	675.3	854.3	422.3	491.5	
G55.0	479.0	458.5	916.3	680.5	547.3	631.0	825.6	402.7	479.0	
G56.0	470.2	428.1	879.7	643.8	517.9	580.0	795.0	389.9	470.2	
G57.0	467.2	406.4	847.9	605.4	495.8	544.6	763.0	364.0	467.2	
G58.0	455.2	380.5	815.1	565.5	481.4	508.8	712.7	346.7	455.2	
G59.0	449.5	364.5	789.0	520.8	467.3	473.0	677.5	331.5	449.5	
G60.0	425.4	351.4	749.7	482.9	457.2	442.1	641.9	317.0	425.4	
G61.0	405.7	327.9	714.7	458.5	440.8	409.1	604.9	302.7	405.7	
G62.0	382.5	314.4	678.7	423.5	430.2	379.5	561.8	291.3	382.5	
G63.0	362.9	299.4	647.6	399.5	423.0	357.2	532.9	274.4	362.9	
G64.0	340.6	284.9	599.8	371.0	409.0	333.3	493.7	258.5	340.6	
G65.0	316.2	269.2	569.0	354.0	399.0	311.0	464.9	242.3	316.2	
G66.0	292.0	253.7	529.5	332.1	383.5	289.9	430.6	226.9	292.0	
G67.0	270.2	237.7	496.5	314.0	375.8	272.2	402.3	216.3	270.2	
G68.0	245.7	224.2	460.4	294.0	350.2	252.1	369.0	197.5	245.7	
G69.0	223.8	209.3	435.2	279.0	328.2	237.7	338.1	179.2	223.8	
G70.0	205.2	194.7	405.8	264.4	306.1	221.8	306.1	163.0	205.2	
G71.0	185.5	181.1	373.0	246.1	286.7	206.5	277.2	149.2	185.5	
G72.0	168.1	165.4	347.1	230.5	267.3	190.5	250.5	136.7	168.1	
G73.0	147.2	149.6	316.2	216.7	249.0	177.9	225.8	121.3	147.2	

C Plane (°):0.0-360.0: 45.0
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	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G74.0	128.9	135.0	289.1	200.5	230.4	163.3	202.4	106.8	128.9	
G75.0	112.4	121.2	253.7	186.8	211.9	149.7	180.6	93.4	112.4	
G76.0	96.2	110.2	227.7	173.1	193.8	136.1	158.6	81.8	96.2	
G77.0	79.5	95.3	205.1	156.0	174.3	122.6	139.8	70.7	79.5	
G78.0	64.4	84.6	181.8	143.9	156.8	111.2	118.3	58.8	64.4	
G79.0	49.3	73.3	159.7	130.0	140.9	98.2	100.2	48.2	49.3	
G80.0	33.8	62.5	136.4	117.1	122.7	86.3	83.6	38.5	33.8	
G81.0	18.4	50.6	117.4	103.7	107.5	75.6	68.4	28.4	18.4	
G82.0	7.9	40.6	100.1	91.8	91.5	64.7	52.7	17.0	7.9	
G83.0	2.9	31.4	82.9	81.3	76.7	55.0	39.6	8.4	2.9	
G84.0	1.4	21.8	66.0	68.1	60.9	44.6	27.3	3.7	1.4	
G85.0	0.0	11.8	51.6	57.7	47.6	35.4	15.5	1.8	0.0	
G86.0	0.0	4.5	37.5	47.3	32.9	26.2	6.7	0.0	0.0	
G87.0	0.0	2.5	24.6	37.5	19.3	15.8	3.4	0.0	0.0	
G88.0	0.0	0.0	11.4	26.3	8.2	6.6	1.2	0.0	0.0	
G89.0	0.0	0.0	3.3	14.6	2.7	2.5	0.0	0.0	0.0	
G90.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0	
G91.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	
G92.0	0.0	0.0	0.0	0.9	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	
G94.0	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	
G96.0	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	1.0	0.0	0.0	
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	
G101.0	0.9	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.9	
G102.0	1.2	1.1	0.0	0.0	0.0	0.0	1.5	1.0	1.2	
G103.0	1.3	1.0	0.0	0.0	0.0	0.9	1.6	1.2	1.3	
G104.0	1.3	1.3	1.1	0.0	0.0	0.0	1.6	1.3	1.3	
G105.0	1.3	1.4	1.2	0.0	0.0	0.0	1.7	1.3	1.3	
G106.0	1.4	1.5	1.4	0.0	0.0	0.9	1.9	1.4	1.4	
G107.0	1.4	1.6	1.5	1.0	0.0	1.0	2.0	1.5	1.4	
G108.0	1.4	1.6	1.6	0.9	0.0	1.1	2.3	1.9	1.4	
G109.0	1.5	1.8	1.9	1.2	0.0	1.3	2.3	1.7	1.5	
G110.0	1.7	2.0	1.8	1.4	0.0	1.3	2.5	1.9	1.7	

C Plane (°):0.0-360.0: 45.0
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

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G111.0	1.7	2.2	2.0	1.5	0.9	1.4	2.6	2.1	1.7	
G112.0	2.0	2.3	2.0	1.6	1.0	1.5	2.7	2.1	2.0	
G113.0	2.0	2.5	2.0	1.6	1.0	1.8	3.0	2.3	2.0	
G114.0	2.1	2.6	2.3	1.6	1.3	1.8	3.1	2.5	2.1	
G115.0	2.1	2.7	2.5	1.8	1.9	1.9	3.2	2.6	2.1	
G116.0	2.4	2.8	2.5	1.9	2.8	2.1	3.4	2.7	2.4	
G117.0	2.5	3.0	2.7	2.1	3.9	2.2	3.6	2.7	2.5	
G118.0	2.7	3.2	2.8	2.1	5.2	2.3	3.7	3.1	2.7	
G119.0	2.7	3.1	3.0	2.4	5.1	2.3	3.8	3.3	2.7	
G120.0	2.7	3.4	3.0	2.5	5.6	2.6	3.8	3.3	2.7	
G121.0	3.1	3.4	3.3	2.5	6.2	2.6	4.0	3.5	3.1	
G122.0	3.0	3.6	3.3	2.7	6.6	2.8	4.2	3.9	3.0	
G123.0	3.2	3.7	3.4	2.9	7.0	3.0	4.3	4.0	3.2	
G124.0	3.4	3.9	3.4	2.9	7.1	3.3	4.6	4.1	3.4	
G125.0	3.5	4.0	3.7	3.1	6.9	3.3	4.5	4.1	3.5	
G126.0	3.7	4.3	3.9	3.2	6.9	3.3	4.7	4.4	3.7	
G127.0	3.9	4.3	4.0	3.5	6.7	3.5	5.1	4.4	3.9	
G128.0	4.0	4.6	4.1	3.5	6.9	3.5	5.0	4.5	4.0	
G129.0	4.3	4.6	4.3	3.7	6.6	3.8	5.1	4.8	4.3	
G130.0	4.3	4.9	4.5	4.0	6.6	3.8	5.4	4.8	4.3	
G131.0	4.5	4.8	4.5	4.0	6.1	3.9	5.3	5.1	4.5	
G132.0	4.7	5.0	4.7	4.2	6.1	4.0	5.6	5.1	4.7	
G133.0	5.0	5.1	4.7	4.3	5.8	4.2	5.7	5.3	5.0	
G134.0	5.1	5.2	4.9	4.4	5.8	4.3	5.9	5.5	5.1	
G135.0	5.2	5.3	5.3	4.7	5.8	4.3	6.1	5.7	5.2	
G136.0	5.2	5.6	5.3	4.7	5.8	4.6	6.3	5.7	5.2	
G137.0	5.4	5.7	5.3	4.7	5.4	4.7	6.3	5.8	5.4	
G138.0	5.6	5.9	5.6	4.7	5.4	4.8	6.6	6.0	5.6	
G139.0	5.7	6.0	5.7	5.0	5.1	4.9	6.6	6.1	5.7	
G140.0	5.7	5.9	5.8	5.0	5.1	5.1	6.6	6.2	5.7	
G141.0	6.1	6.2	6.0	5.2	4.9	5.2	6.8	6.5	6.1	
G142.0	6.3	6.3	6.0	5.3	4.9	5.6	7.0	6.6	6.3	
G143.0	6.4	6.6	6.1	5.7	4.8	5.7	7.1	6.6	6.4	
G144.0	6.6	6.6	6.3	5.8	5.0	5.7	7.2	6.6	6.6	
G145.0	6.9	6.7	6.5	5.7	5.1	5.7	7.3	6.8	6.9	
G146.0	7.0	6.8	6.6	5.7	5.1	5.9	7.3	7.0	7.0	
G147.0	7.2	6.9	6.8	5.9	5.3	5.9	7.3	7.0	7.2	

C Plane (°):0.0-360.0: 45.0
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

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G148.0	7.2	7.1	6.9	6.0	5.4	6.2	7.5	7.1	7.2	
G149.0	7.3	7.1	7.0	6.3	5.6	6.4	7.7	7.3	7.3	
G150.0	7.4	7.2	7.2	6.4	5.8	6.4	7.6	7.4	7.4	
G151.0	7.7	7.4	7.4	6.5	5.8	6.5	7.7	7.5	7.7	
G152.0	7.7	7.5	7.6	6.6	6.1	6.7	7.7	7.6	7.7	
G153.0	7.9	7.7	7.8	6.8	6.2	7.0	7.6	7.7	7.9	
G154.0	7.8	7.7	7.6	6.9	6.5	7.1	7.8	7.8	7.8	
G155.0	7.8	7.8	7.8	7.0	6.5	7.2	7.9	7.8	7.8	
G156.0	8.0	7.8	7.9	7.1	6.6	7.2	8.1	7.8	8.0	
G157.0	8.3	7.9	8.0	7.3	6.6	7.1	8.0	7.9	8.3	
G158.0	8.2	8.2	8.3	7.4	6.6	7.3	8.2	8.0	8.2	
G159.0	8.3	8.2	8.3	7.7	6.9	7.5	8.3	8.4	8.3	
G160.0	8.2	8.3	8.4	7.7	7.0	7.6	8.4	8.4	8.2	
G161.0	8.3	8.4	8.4	7.6	7.0	7.8	8.6	8.4	8.3	
G162.0	8.5	8.6	8.6	7.9	7.3	7.9	8.6	8.5	8.5	
G163.0	8.6	8.5	8.6	7.8	7.3	7.8	8.5	8.9	8.6	
G164.0	8.7	8.7	8.8	8.2	7.5	7.9	8.6	8.7	8.7	
G165.0	8.8	8.8	8.8	8.3	7.7	8.2	8.9	8.8	8.8	
G166.0	9.1	8.7	9.0	8.1	7.7	8.3	8.7	9.0	9.1	
G167.0	9.1	8.8	8.9	8.3	7.8	8.3	8.9	8.9	9.1	
G168.0	9.3	8.7	9.0	8.4	7.9	8.5	9.0	8.8	9.3	
G169.0	9.3	9.0	9.1	8.4	8.0	8.4	8.9	8.8	9.3	
G170.0	9.2	9.0	9.0	8.6	8.2	8.5	9.0	9.0	9.2	
G171.0	9.3	9.0	9.3	8.8	8.3	8.5	9.1	9.0	9.3	
G172.0	9.4	9.1	9.3	8.9	8.5	8.6	9.4	9.0	9.4	
G173.0	9.3	9.1	9.3	9.0	8.6	8.7	9.1	9.2	9.3	
G174.0	9.3	9.3	9.2	9.1	8.5	8.7	9.1	9.4	9.3	
G175.0	9.3	9.3	9.6	9.1	8.7	8.9	9.3	9.3	9.3	
G176.0	9.3	9.3	9.5	9.2	8.8	8.8	9.3	9.3	9.3	
G177.0	9.4	9.1	9.6	9.1	8.7	9.0	9.1	9.4	9.4	
G178.0	9.3	9.2	9.4	9.3	9.0	9.1	9.2	9.1	9.3	
G179.0	9.2	9.3	9.5	9.3	8.9	9.1	9.3	9.4	9.2	
G180.0	9.1	9.1	9.3	9.3	9.0	9.0	9.3	9.5	9.1	

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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