Report No.: **Test Time: 2021/12/3 17:14**

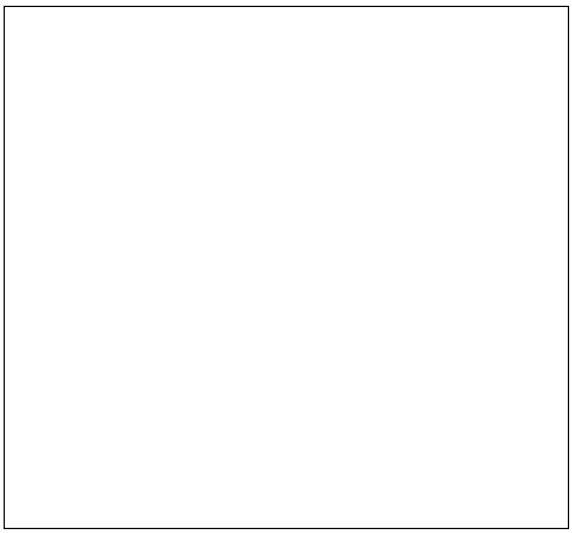
Luminaire Property

Luminaire Manufacturer:
Luminaire Description: MS-MR16-3B 5W **Power: 4.28 W**

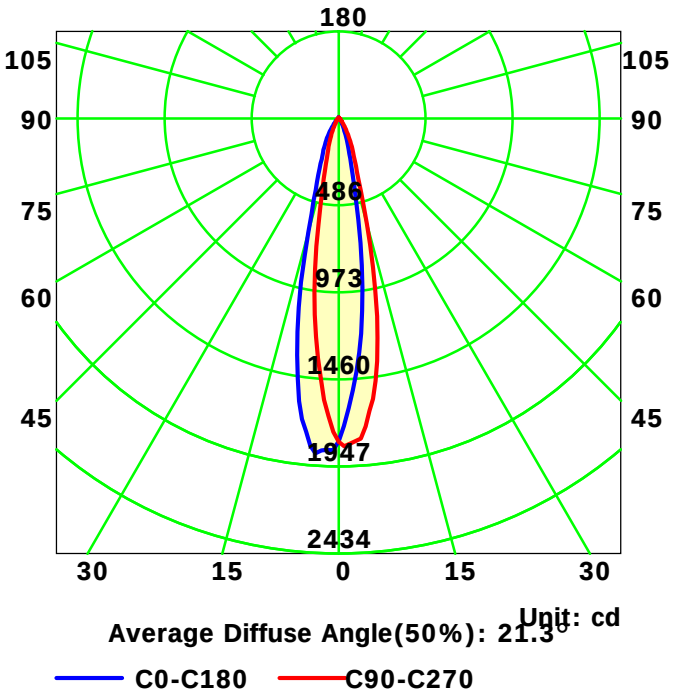
Photometric Results

IES Classification: Type I
Total Rated Lamp Lumens: 427.4 lm
Efficiency: 100%
Upward Ratio: 4%
Central Intensity: 1805.15 cd
Pos of Max. Intensity: H135 V3
Longitudinal Classification: Very Short
Measurement Flux: 427.4 lm
Downward Ratio: 96%
Luminaire Efficacy Rating (LER): 100
Max. Intensity: 1924.02 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



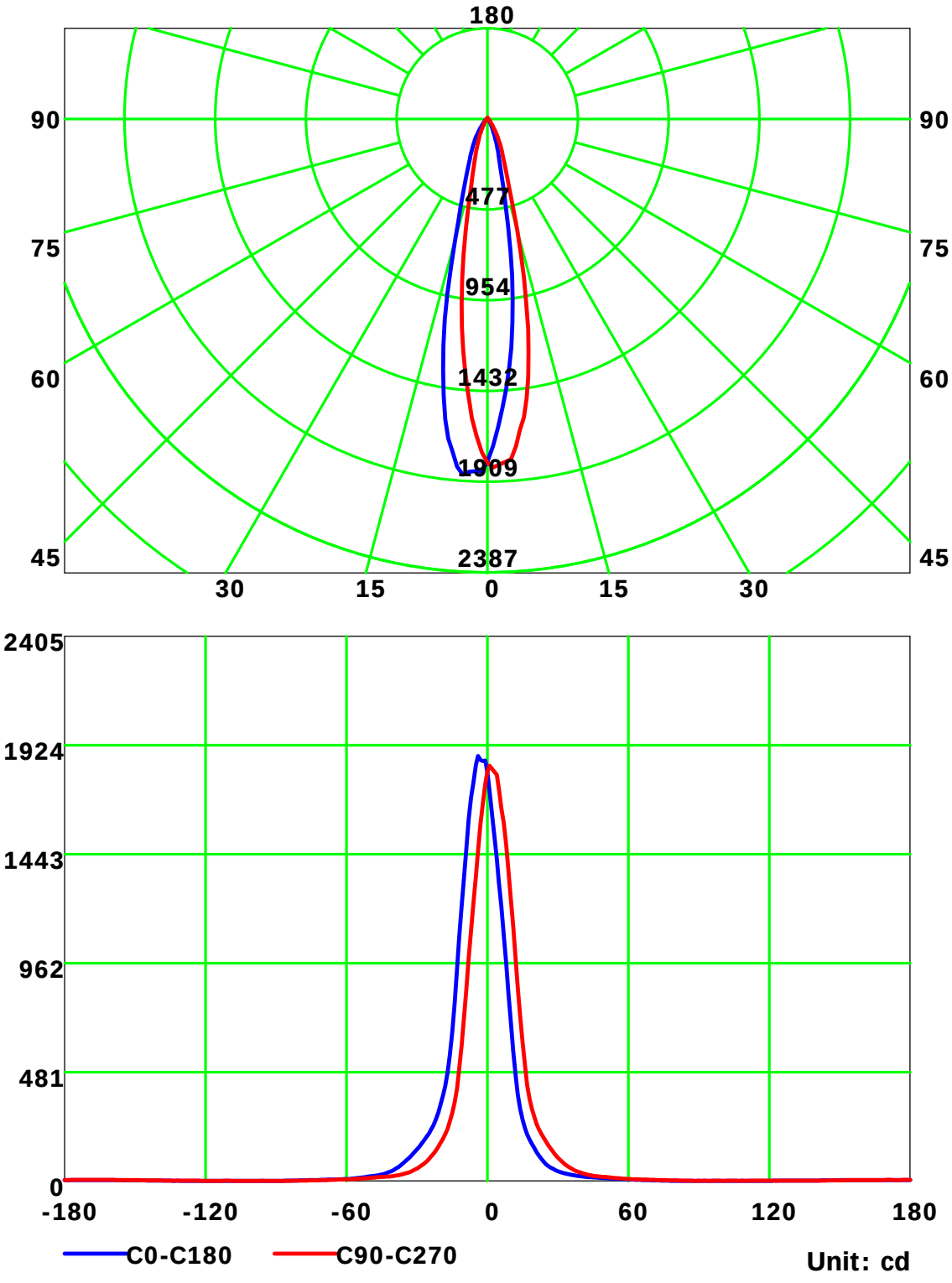
Unit: cd

Average Diffuse Angle(50%): 21.3°

C0-C180 **C90-C270**

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:

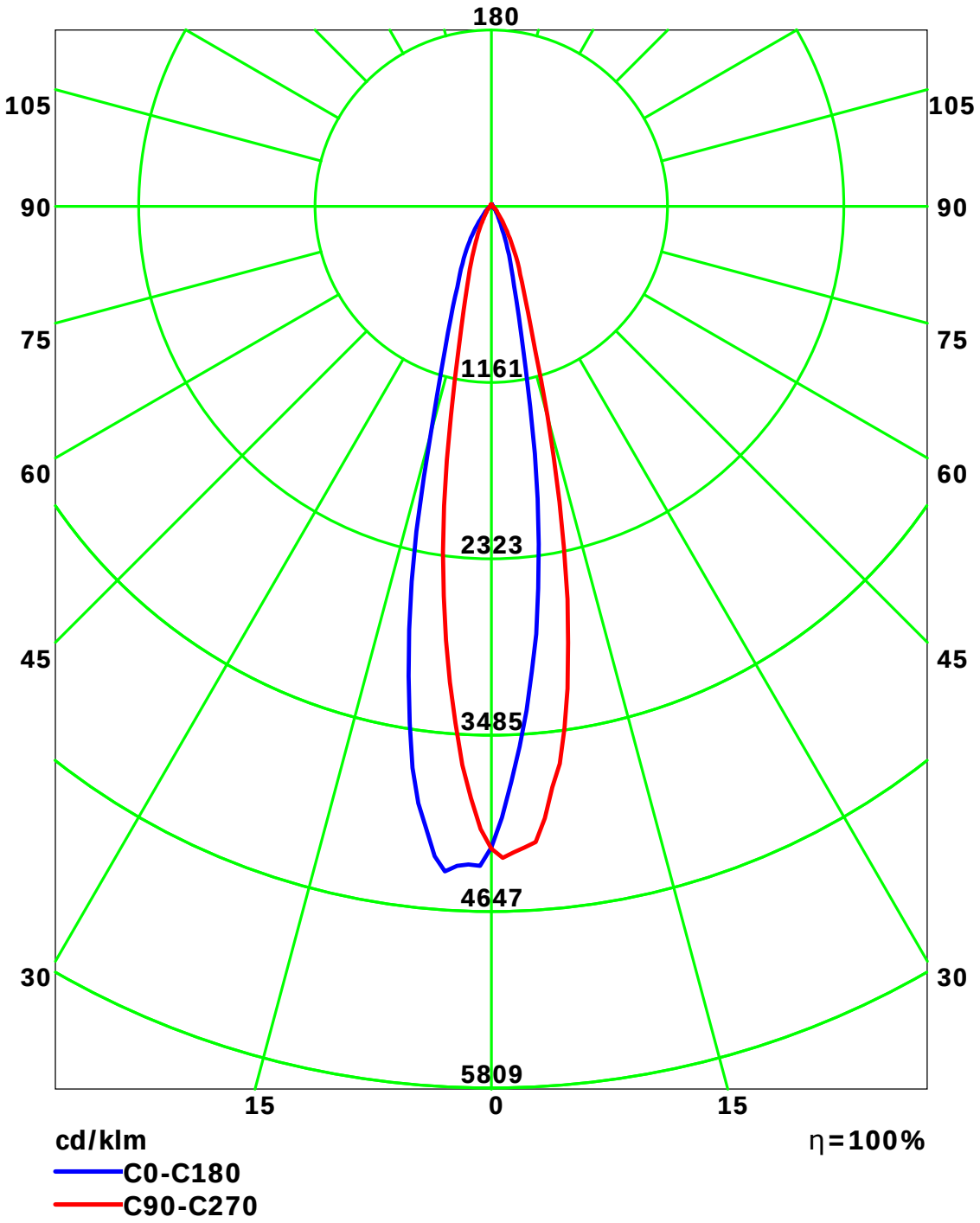
Luminous Intensity Distribution Curve



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)



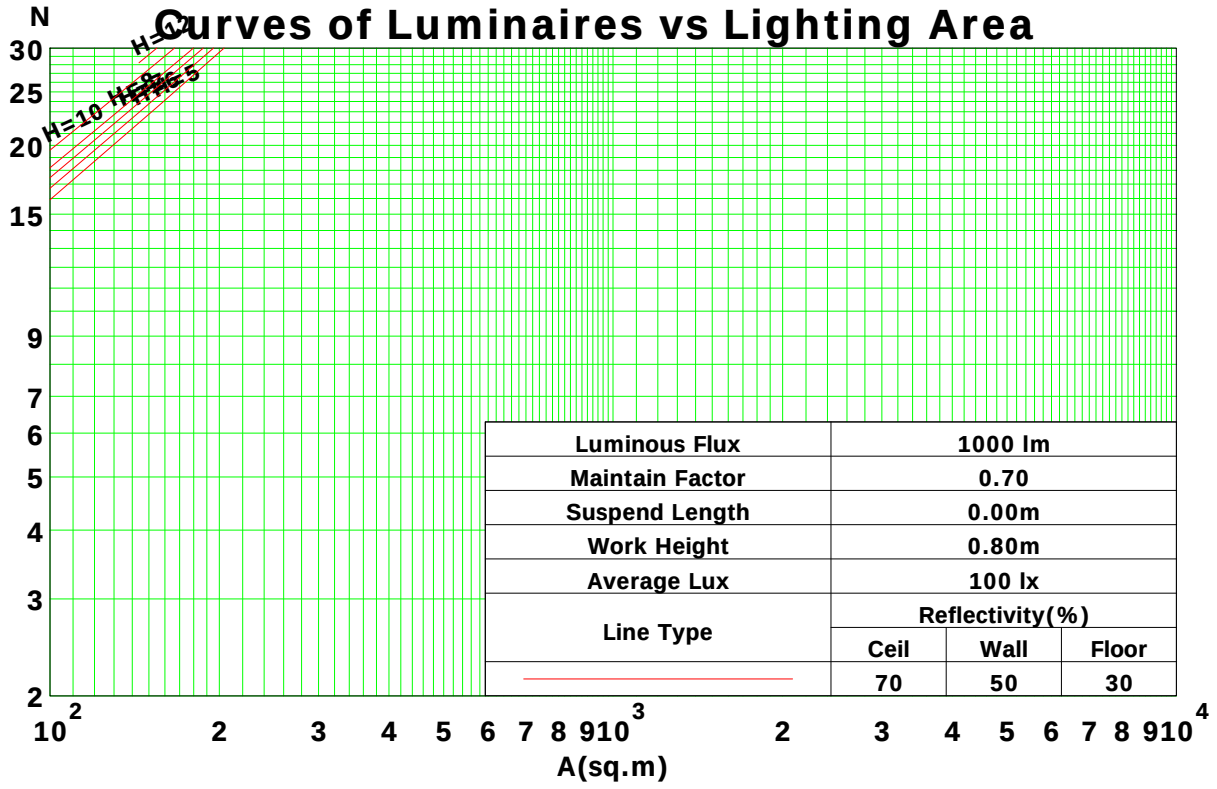
C Plane (°):0.0-360.0: 45.0
Gamma Plane (°):0.0-180.0:1.0
Test Lab:
Test Device:
Test Type: TYPE C
Distance:
Temperature:
Humidity:
Operator:
Inspector:

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	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	96
1	113	110	108	105	110	107	105	103	103	101	99	98	97	96	94	93	92	90
2	108	103	99	96	105	101	98	95	97	94	92	94	91	90	90	89	87	85
3	103	97	93	89	101	96	92	88	92	89	86	90	87	84	87	85	83	81
4	99	92	87	84	97	91	86	83	88	84	81	86	83	80	84	81	79	77
5	95	88	83	79	93	87	82	78	84	80	77	82	79	76	81	78	75	74
6	92	84	79	75	90	83	78	75	81	77	74	79	76	73	78	75	72	71
7	88	80	75	72	87	80	75	71	78	74	71	77	73	70	75	72	70	68
8	85	77	72	69	84	77	72	69	75	71	68	74	70	68	73	70	67	66
9	83	75	70	66	81	74	69	66	73	69	66	72	68	65	71	67	65	64
10	80	72	67	64	79	71	67	64	70	66	64	70	66	63	69	65	63	62

Spacing Criteria (0-180): 0.37
Spacing Criteria (90-270): 0.36
Spacing Criteria (Diagonal): 0.36

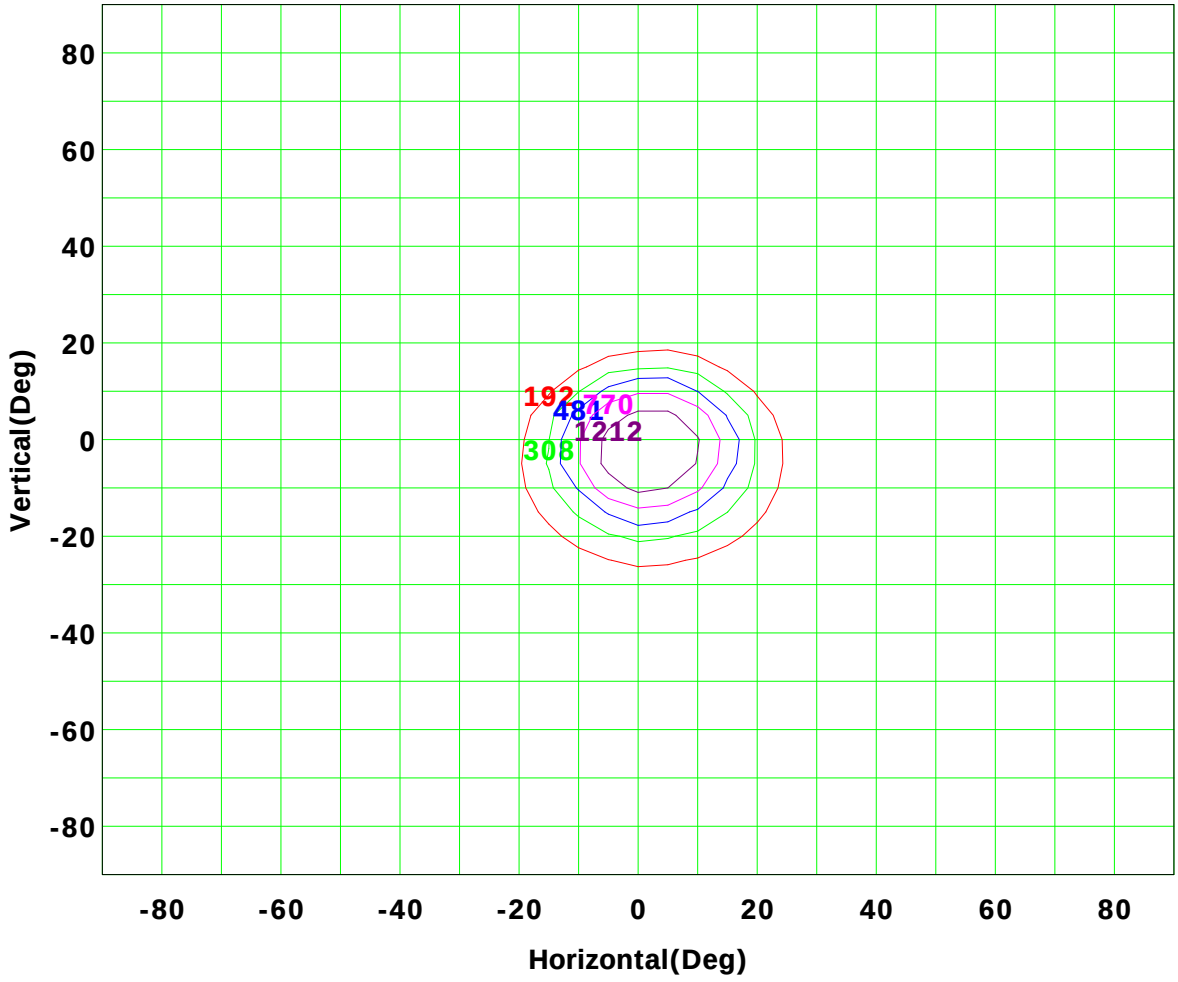
Curves of Luminaires vs Lighting Area



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)



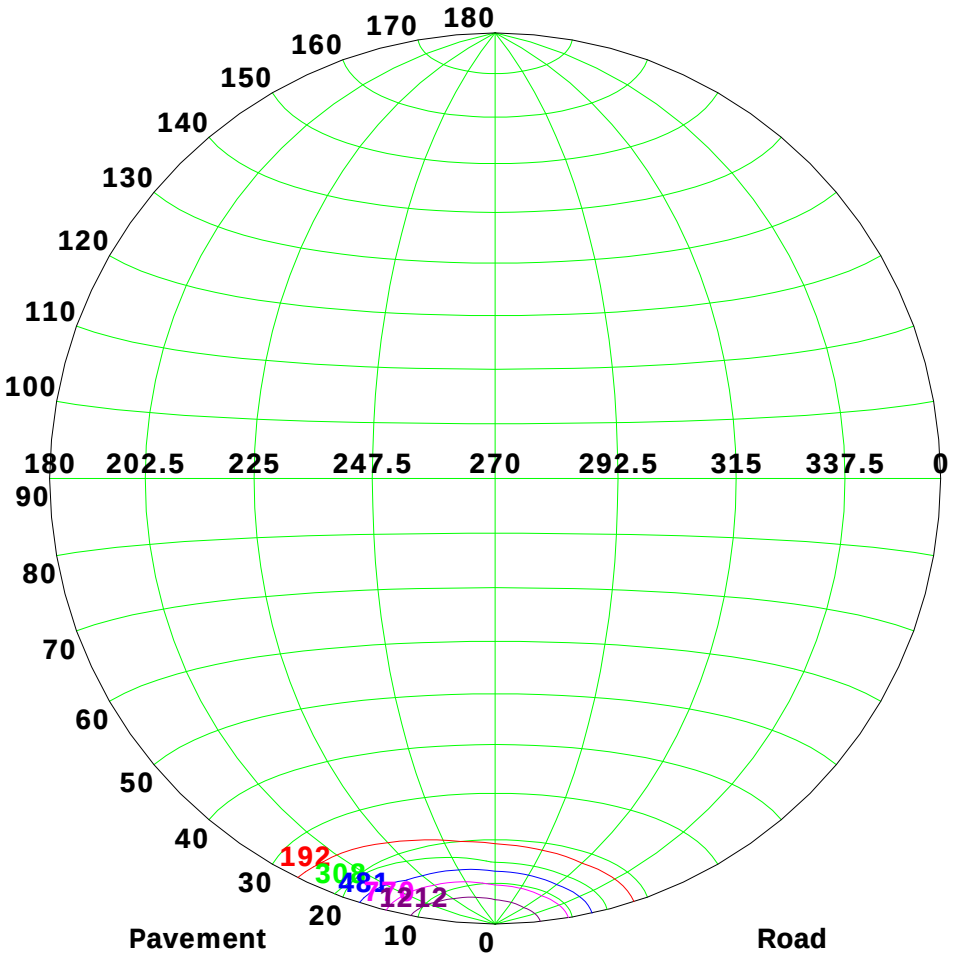
Imax (100%): 1924 cd

(10%): 192 cd	(16%): 308 cd
(25%): 481 cd	(40%): 770 cd
(63%): 1212 cd	(100%): 1924 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)



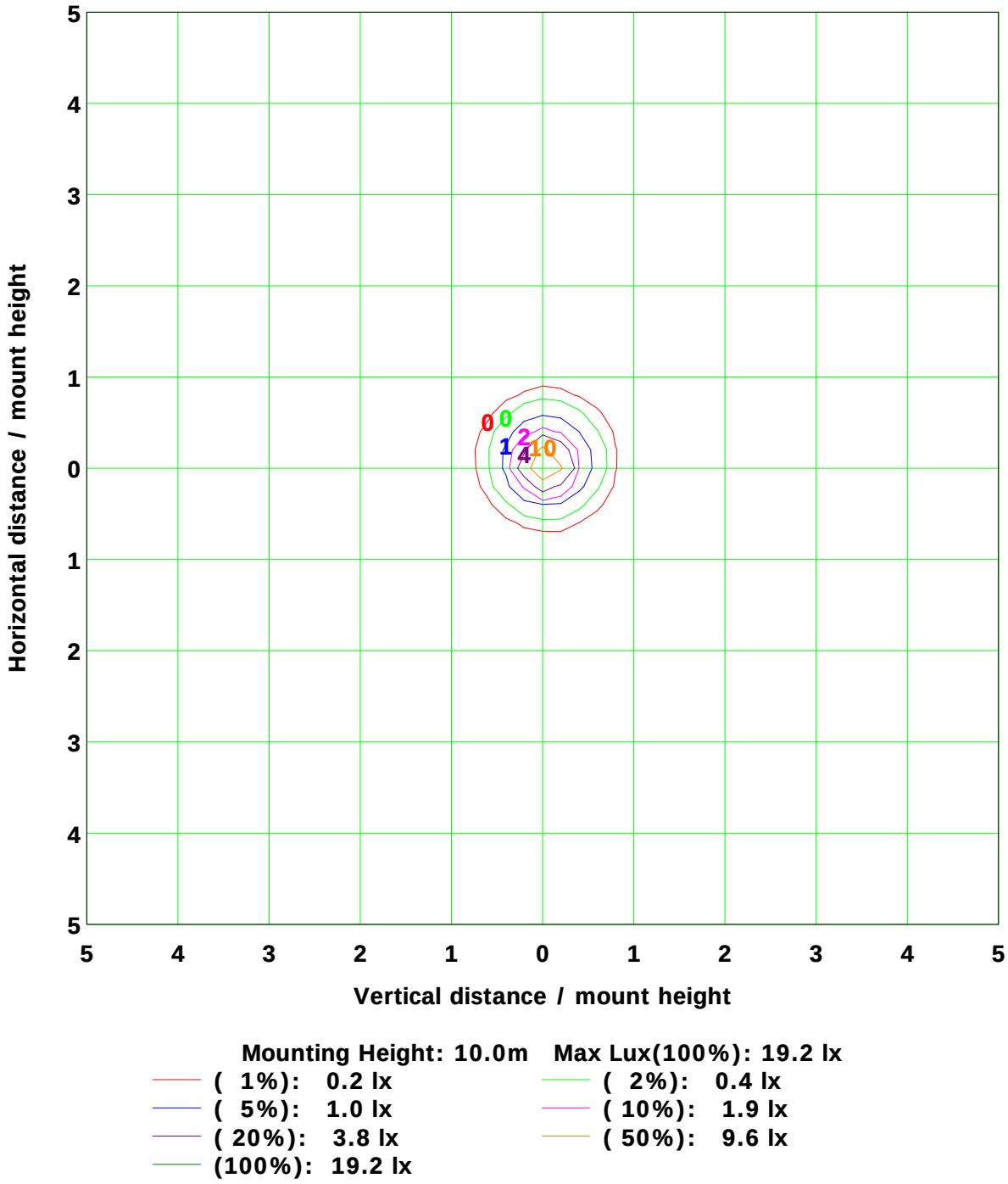
Imax (100%): 1924 cd

(10%): 192 cd	(16%): 308 cd
(25%): 481 cd	(40%): 770 cd
(63%): 1212 cd	(100%): 1924 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

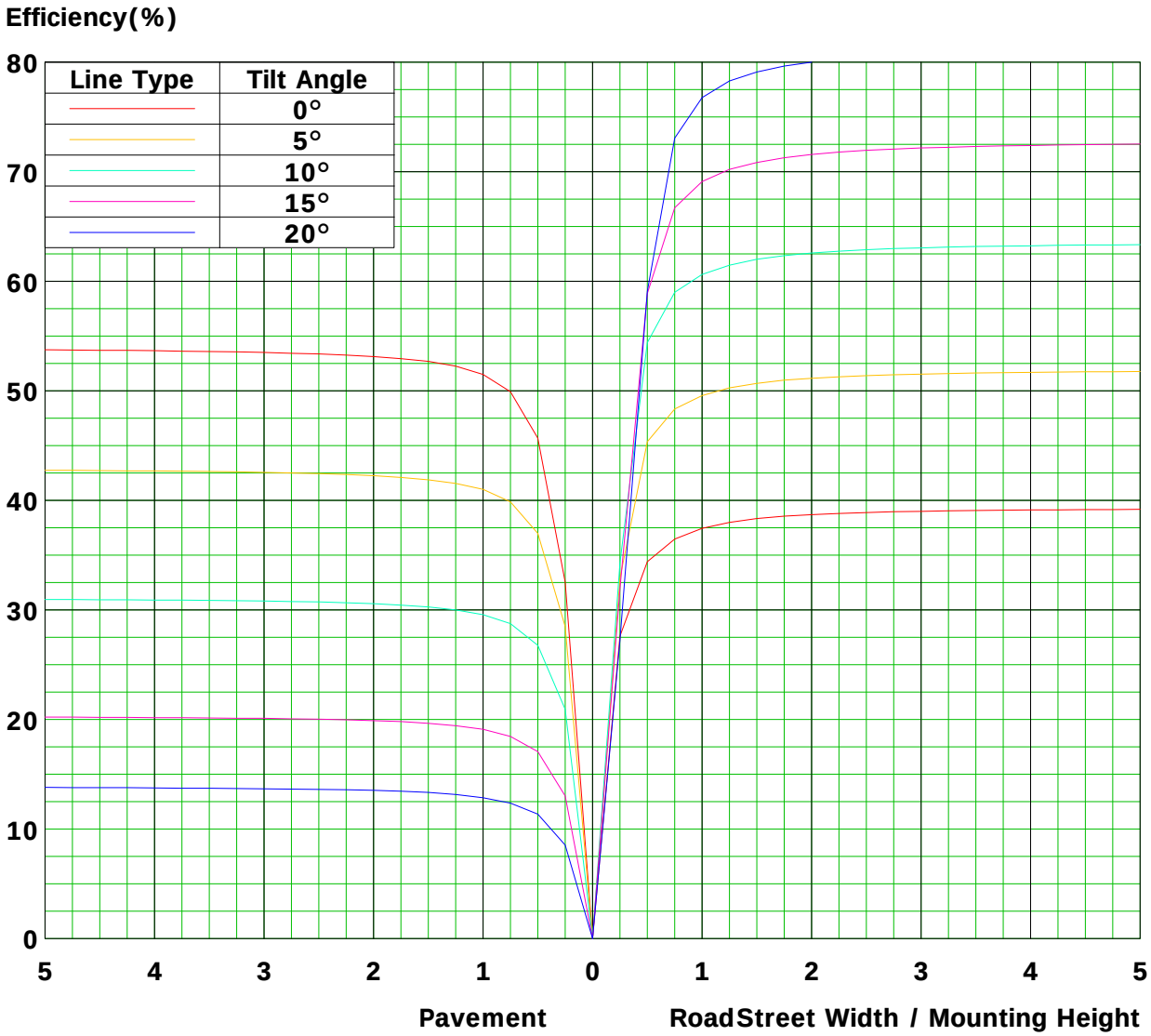


Mounting Height: 10.0m Max Lux(100%): 19.2 lx

(1%): 0.2 lx
(2%): 0.4 lx
(5%): 1.0 lx
(10%): 1.9 lx
(20%): 3.8 lx
(50%): 9.6 lx
(100%): 19.2 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

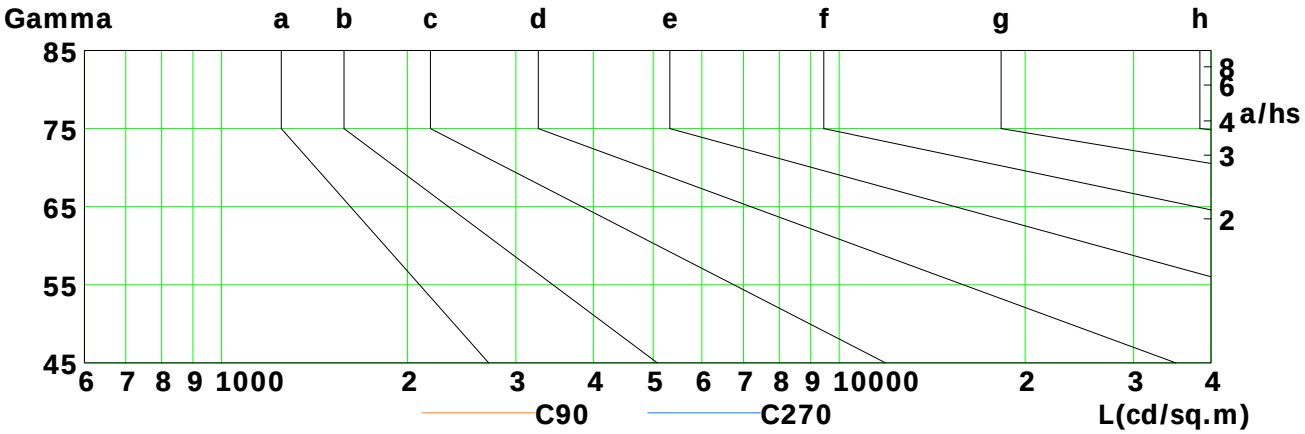


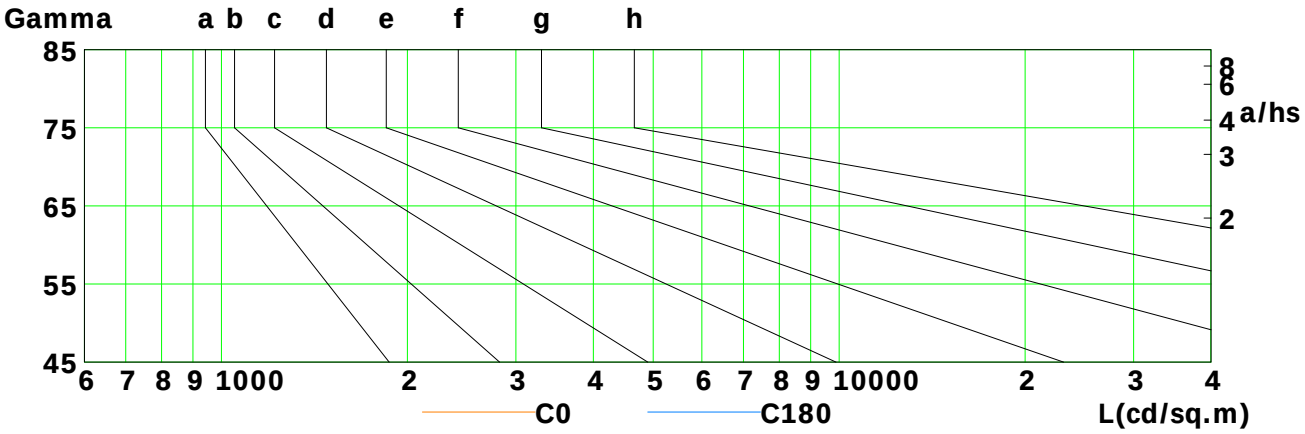
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



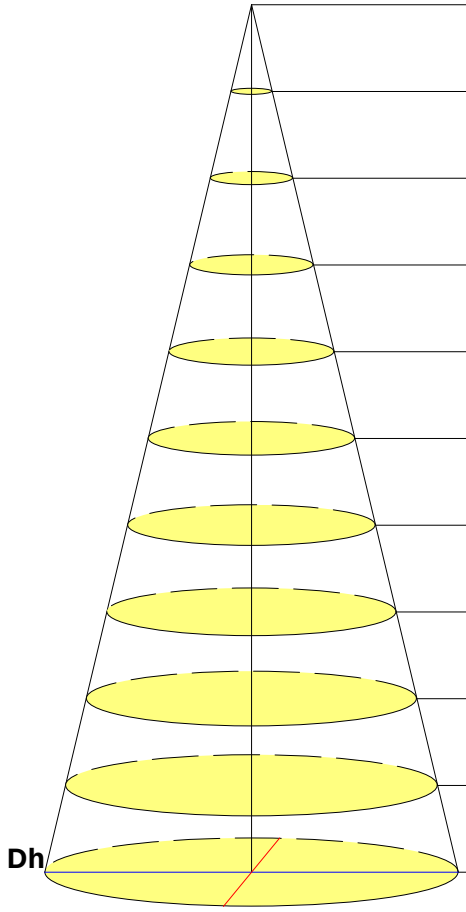


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	18	14	11	8	6	5	3	2	2
C90	24	20	14	10	8	7	5	4	3
C180	30	21	15	10	8	7	5	4	3
C270	19	15	11	8	7	5	4	3	2

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:

Illuminance at a Distance



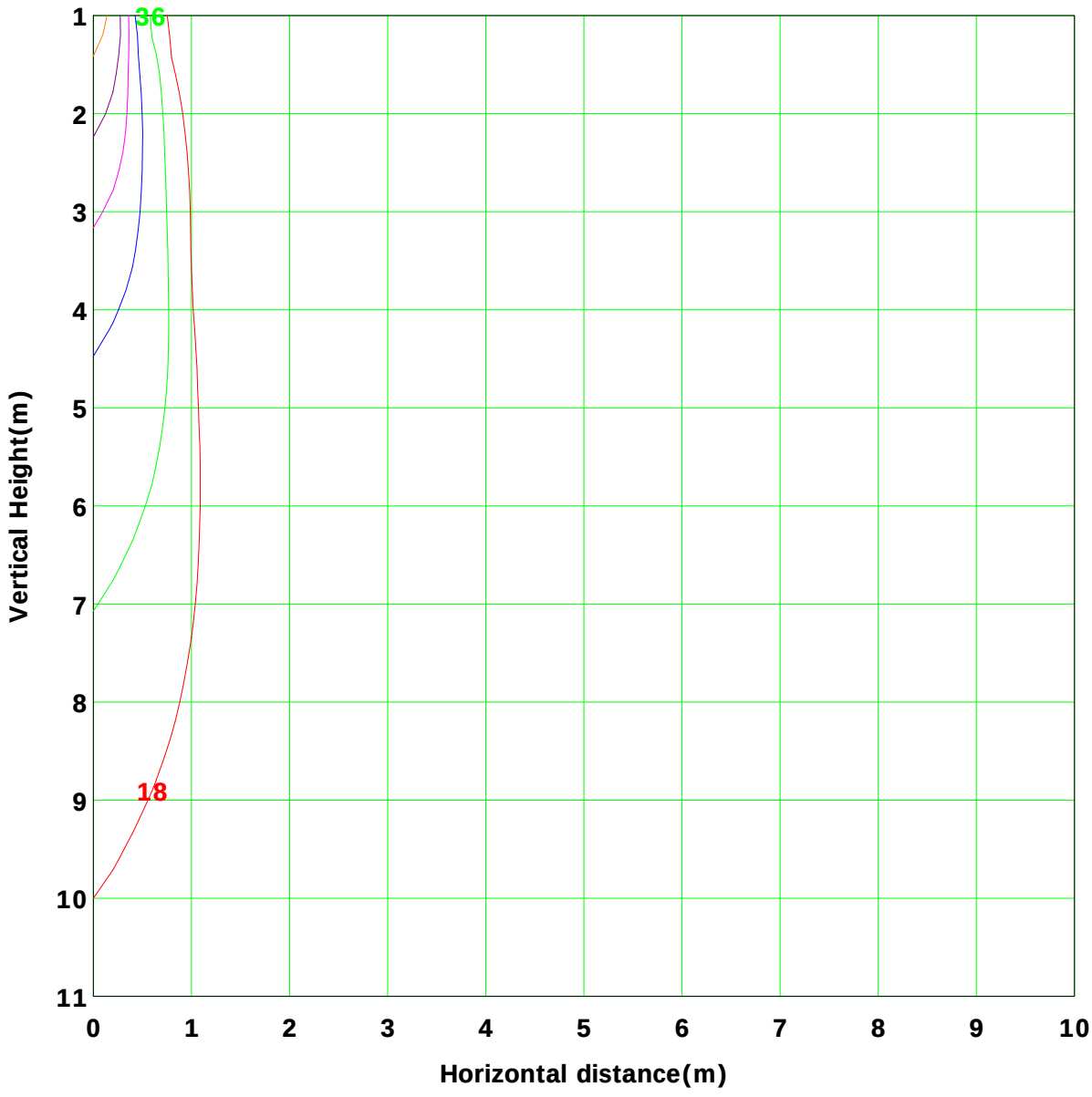
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
5.0	72.21	1.90/1.86	2.8	40.31
10.0	18.05	3.79/3.73	11.4	10.08
15.0	8.02	5.69/5.59	25.6	4.48
20.0	4.51	7.58/7.46	45.6	2.52
25.0	2.89	9.48/9.32	71.2	1.61
30.0	2.01	11.37/11.19	102.6	1.12
35.0	1.47	13.27/13.05	139.6	0.82
40.0	1.13	15.16/14.92	182.3	0.63
45.0	0.89	17.06/16.78	230.7	0.50
50.0	0.72	18.95/18.64	284.9	0.40

Beam Angle(B): H21.5 V21.1 Field Angle(F): H44.7 V43.8

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: 1805.2 lx

(1%): 18.1 lx
(2%): 36.1 lx
(5%): 90.3 lx
(10%): 180.5 lx
(20%): 361.0 lx
(50%): 902.6 lx
(100%):1805.2 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	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	ΦT	ΦE
0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.8	0.0
0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	1.1	0.0
0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	1.8	0.0
0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.1	0.0	0.0	0.0	2.8	0.0
0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.5	0.3	0.2	0.1	0.1	0.0	0.0	0.0	4.4	0.0
0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	0.8	1.0	1.2	0.8	0.5	0.3	0.2	0.1	0.0	0.0	0.0	7.3	0.0
0.0	0.0	0.0	0.1	0.2	0.3	0.5	0.9	1.7	2.7	3.3	1.7	0.8	0.4	0.2	0.1	0.0	0.0	0.0	15.7	0.0
0.0	0.0	0.1	0.1	0.2	0.3	0.6	1.5	3.8	8.5	10.6	3.4	1.4	0.5	0.2	0.1	0.0	0.0	0.0	38.0	22.9
0.0	0.0	0.1	0.1	0.2	0.4	0.8	2.1	7.8	29.5	38.5	5.4	2.1	0.7	0.3	0.1	0.0	0.0	0.0	104.1	93.5
0.0	0.0	0.1	0.1	0.2	0.4	0.8	2.4	9.5	37.1	47.3	5.8	2.2	0.7	0.3	0.1	0.0	0.0	0.0	125.9	115.8
0.0	0.0	0.1	0.1	0.2	0.4	0.7	1.9	5.5	15.1	18.5	4.3	1.7	0.6	0.2	0.1	0.0	0.0	0.0	59.0	47.1
0.0	0.0	0.1	0.1	0.2	0.3	0.6	1.2	2.6	4.7	5.5	2.5	1.1	0.5	0.2	0.1	0.0	0.0	0.0	23.9	5.1
0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.7	1.2	1.7	2.0	1.2	0.6	0.3	0.2	0.1	0.0	0.0	0.0	10.8	0.0
0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.6	0.4	0.2	0.1	0.1	0.0	0.0	0.0	5.6	0.0
0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.4	0.4	0.4	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	3.4	0.0
0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	2.2	0.0
0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	1.4	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.9	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	409	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	284

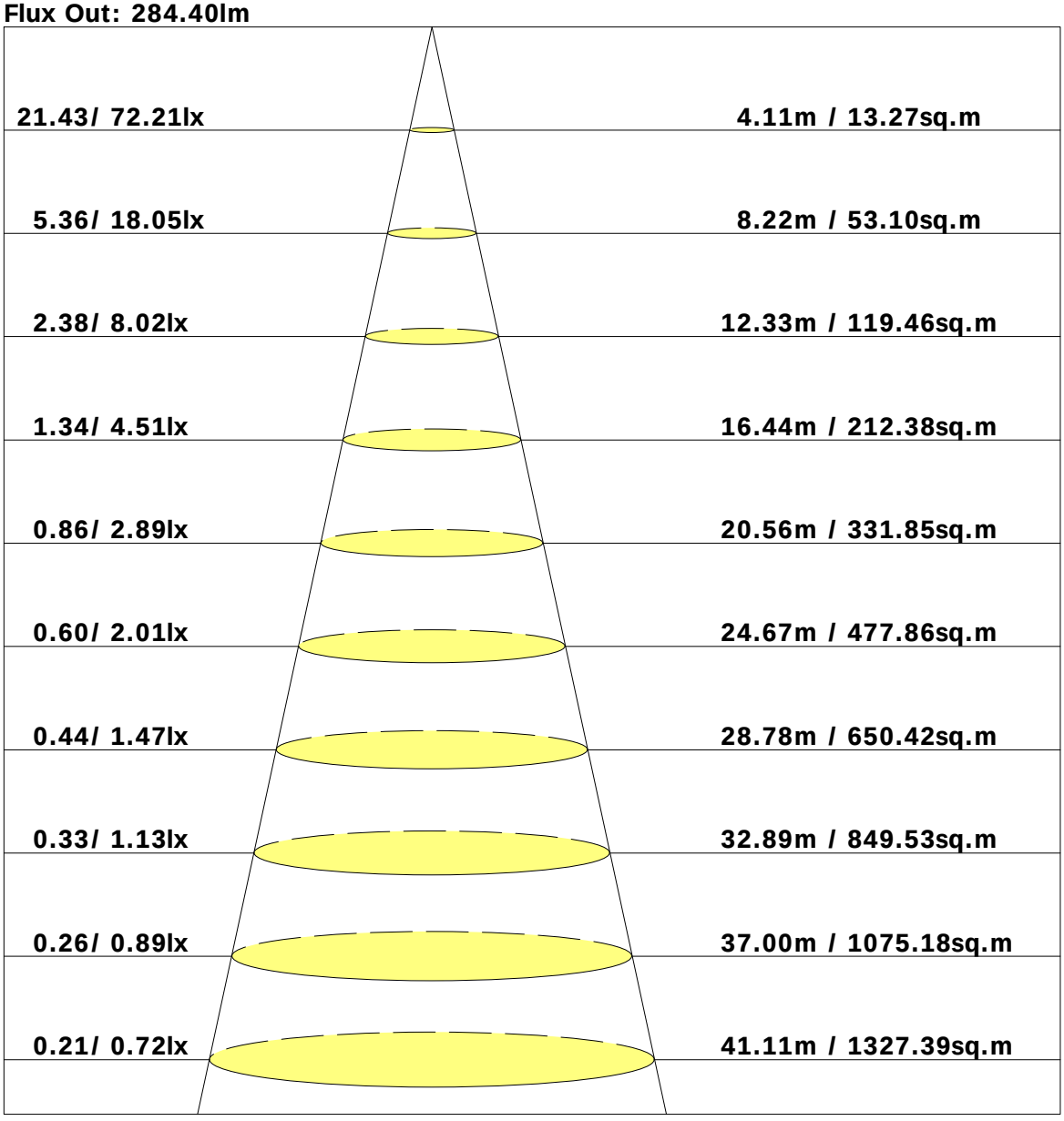
Horizontal plane

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: 284.40lm



Height	Avg./Nadir. E	Beam Angle:44.7°	Diameter / Area
5.0m	21.43/ 72.21lx		4.11m / 13.27sq.m
10.0m	5.36/ 18.05lx		8.22m / 53.10sq.m
15.0m	2.38/ 8.02lx		12.33m / 119.46sq.m
20.0m	1.34/ 4.51lx		16.44m / 212.38sq.m
25.0m	0.86/ 2.89lx		20.56m / 331.85sq.m
30.0m	0.60/ 2.01lx		24.67m / 477.86sq.m
35.0m	0.44/ 1.47lx		28.78m / 650.42sq.m
40.0m	0.33/ 1.13lx		32.89m / 849.53sq.m
45.0m	0.26/ 0.89lx		37.00m / 1075.18sq.m
50.0m	0.21/ 0.72lx		41.11m / 1327.39sq.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

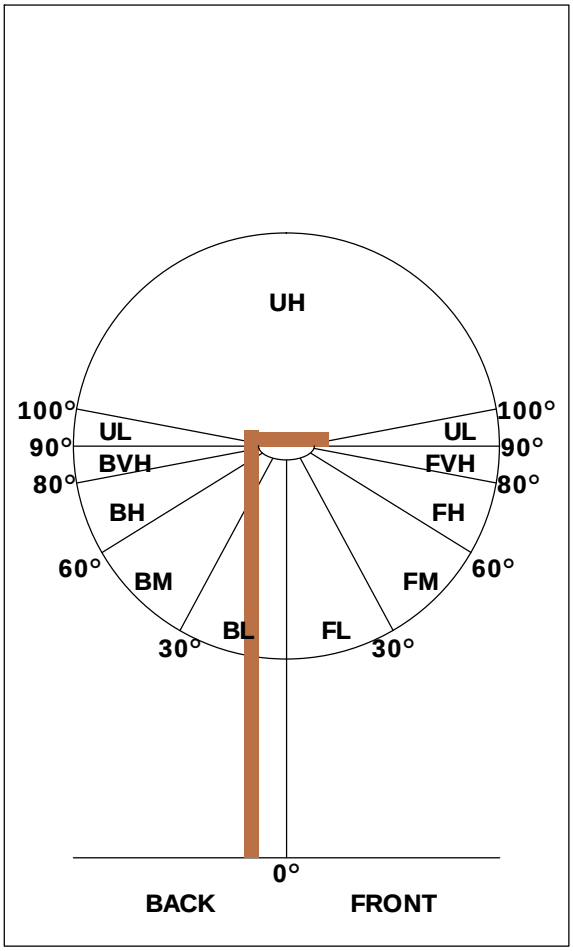
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
3H	1.$	1.$	1.$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



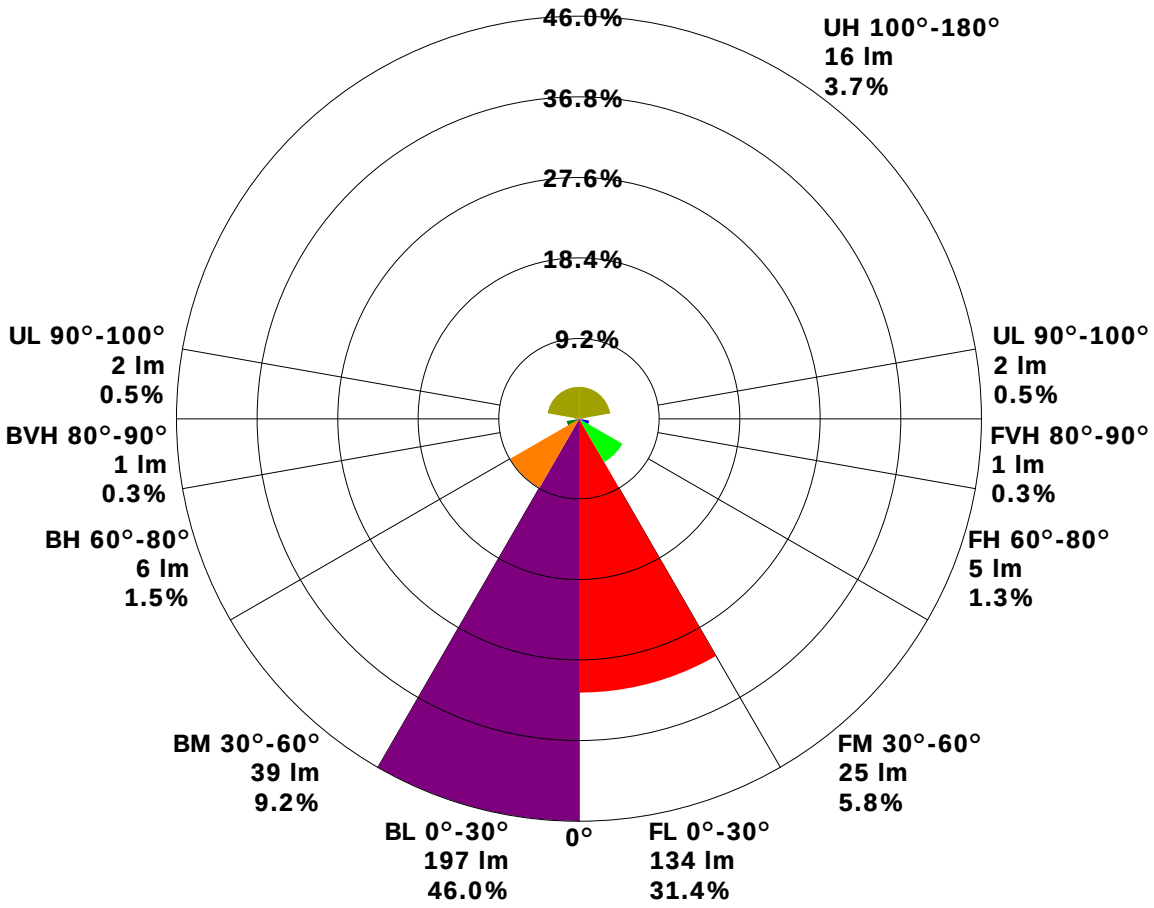
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	166	38.7
FL (0°-30°)	134	31.4
FM (30°-60°)	25	5.8
FH (60°-80°)	5	1.3
FVH (80°-90°)	1	0.3
BACK LIGHT	244	57.1
BL (0°-30°)	197	46.0
BM (30°-60°)	39	9.2
BH (60°-80°)	6	1.5
BVH (80°-90°)	1	0.3
UP LIGHT	18	4.2
UL (90°-100°)	2	0.5
UH (100°-180°)	16	3.7
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U2 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U2 G0

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 = 0.50								
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	0.86	0.91	0.95	0.98	1.02	1.05	1.07	1.09	1.11
	0.30		0.81	0.87	0.91	0.94	0.99	1.02	1.04	1.07	1.09
	0.20		0.78	0.84	0.88	0.91	0.96	0.99	1.01	1.05	1.07
0.50	0.50	0.20	0.84	0.89	0.93	0.95	0.99	1.01	1.02	1.04	1.06
	0.30		0.80	0.85	0.89	0.92	0.96	0.98	1.00	1.03	1.04
	0.20		0.77	0.83	0.86	0.89	0.93	0.96	0.98	1.01	1.03
0.30	0.50	0.20	0.82	0.87	0.90	0.93	0.96	0.97	0.99	1.00	1.01
	0.30		0.79	0.84	0.87	0.90	0.93	0.95	0.97	0.99	1.00
	0.20		0.76	0.81	0.85	0.88	0.91	0.94	0.95	0.97	0.99
0.00	0.00	0.00	0.74	0.79	0.82	0.84	0.87	0.89	0.91	0.92	0.93

Rating:4W 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 = 0.50								
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	0.58	0.47	0.40	0.35	0.28	0.23	0.20	0.15	0.13
	0.30		0.48	0.40	0.35	0.31	0.25	0.21	0.18	0.14	0.12
	0.20		0.41	0.35	0.31	0.28	0.23	0.19	0.17	0.14	0.11
0.50	0.50	0.20	0.54	0.44	0.37	0.32	0.25	0.25	0.18	0.14	0.11
	0.30		0.46	0.38	0.33	0.29	0.23	0.19	0.17	0.13	0.11
	0.20		0.40	0.34	0.29	0.26	0.21	0.18	0.16	0.13	0.10
0.30	0.50	0.20	0.51	0.41	0.34	0.29	0.23	0.19	0.16	0.12	0.10
	0.30		0.43	0.36	0.31	0.27	0.21	0.18	0.15	0.12	0.10
	0.20		0.38	0.32	0.28	0.24	0.20	0.17	0.14	0.11	0.09
0.00	0.00	0.00	0.24	0.19	0.16	0.14	0.11	0.09	0.08	0.06	0.05

Rating:4W 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 = 0.50								
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	0.17	0.19	0.20	0.21	0.22	0.23	0.24	0.25	0.25
	0.30		0.13	0.15	0.17	0.18	0.19	0.21	0.22	0.23	0.24
	0.20		0.10	0.12	0.14	0.15	0.17	0.19	0.20	0.21	0.22
0.50	0.50	0.20	0.16	0.18	0.19	0.20	0.21	0.22	0.23	0.24	0.24
	0.30		0.13	0.15	0.16	0.17	0.19	0.20	0.21	0.22	0.23
	0.20		0.10	0.12	0.14	0.15	0.17	0.18	0.19	0.21	0.22
0.30	0.50	0.20	0.16	0.17	0.19	0.19	0.21	0.21	0.22	0.23	0.23
	0.30		0.13	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22
	0.20		0.10	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.21
0.00	0.00	0.00	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04

Rating:4W 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	1800.2	1.7	1.7	0.40	0.40
1.0-2.0	1769.1	5.1	6.8	1.19	1.59
2.0-3.0	1720.8	8.2	15.0	1.93	3.52
3.0-4.0	1667.9	11.2	26.2	2.61	6.13
4.0-5.0	1599.7	13.8	40.0	3.22	9.35
5.0-6.0	1513.8	15.9	55.9	3.72	13.07
6.0-7.0	1417.0	17.6	73.5	4.12	17.19
7.0-8.0	1309.6	18.7	92.2	4.39	21.58
8.0-9.0	1193.5	19.3	111.6	4.53	26.10
9.0-10.0	1069.9	19.4	130.9	4.53	30.64
10.0-11.0	940.5	18.8	149.7	4.40	35.03
11.0-12.0	813.7	17.8	167.5	4.16	39.20
12.0-13.0	695.5	16.5	184.0	3.86	43.06
13.0-14.0	589.5	15.1	199.1	3.53	46.59
14.0-15.0	498.7	13.7	212.8	3.20	49.80
15.0-16.0	423.0	12.4	225.2	2.90	52.70
16.0-17.0	361.4	11.3	236.4	2.63	55.33
17.0-18.0	313.4	10.3	246.8	2.42	57.75
18.0-19.0	276.3	9.6	256.4	2.25	60.00
19.0-20.0	246.2	9.0	265.4	2.11	62.11
20.0-21.0	220.2	8.5	273.9	1.98	64.09
21.0-22.0	197.6	7.9	281.8	1.86	65.94
22.0-23.0	178.2	7.5	289.3	1.75	67.69
23.0-24.0	161.4	7.1	296.3	1.65	69.35
24.0-25.0	146.5	6.7	303.0	1.56	70.90
25.0-26.0	133.0	6.3	309.3	1.47	72.37
26.0-27.0	120.7	5.9	315.2	1.38	73.76
27.0-28.0	109.5	5.5	320.7	1.30	75.05
28.0-29.0	99.6	5.2	325.9	1.22	76.27
29.0-30.0	90.5	4.9	330.8	1.14	77.42
30.0-31.0	82.3	4.6	335.4	1.07	78.49
31.0-32.0	74.9	4.3	339.7	1.00	79.49
32.0-33.0	68.1	4.0	343.7	0.94	80.43
33.0-34.0	61.9	3.7	347.5	0.88	81.31
34.0-35.0	56.3	3.5	351.0	0.82	82.13
35.0-36.0	51.1	3.3	354.2	0.76	82.89

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	46.4	3.0	357.2	0.71	83.60
37.0-38.0	42.2	2.8	360.1	0.66	84.25
38.0-39.0	38.4	2.6	362.7	0.61	84.87
39.0-40.0	35.0	2.4	365.1	0.57	85.44
40.0-41.0	32.1	2.3	367.4	0.53	85.97
41.0-42.0	29.5	2.1	369.5	0.50	86.47
42.0-43.0	27.2	2.0	371.6	0.47	86.95
43.0-44.0	25.2	1.9	373.5	0.45	87.39
44.0-45.0	23.7	1.8	375.3	0.43	87.82
45.0-46.0	22.3	1.7	377.0	0.41	88.23
46.0-47.0	21.1	1.7	378.7	0.39	88.62
47.0-48.0	20.0	1.6	380.3	0.38	89.00
48.0-49.0	19.0	1.6	381.9	0.36	89.36
49.0-50.0	18.0	1.5	383.4	0.35	89.71
50.0-51.0	17.1	1.4	384.8	0.34	90.05
51.0-52.0	16.0	1.4	386.2	0.32	90.37
52.0-53.0	14.9	1.3	387.5	0.30	90.68
53.0-54.0	14.1	1.2	388.7	0.29	90.97
54.0-55.0	13.1	1.2	389.9	0.27	91.24
55.0-56.0	12.2	1.1	391.0	0.26	91.50
56.0-57.0	11.4	1.0	392.1	0.24	91.74
57.0-58.0	10.7	1.0	393.1	0.23	91.98
58.0-59.0	10.0	0.9	394.0	0.22	92.19
59.0-60.0	9.4	0.9	394.9	0.21	92.40
60.0-61.0	8.9	0.9	395.7	0.20	92.60
61.0-62.0	8.5	0.8	396.5	0.19	92.79
62.0-63.0	8.1	0.8	397.3	0.18	92.98
63.0-64.0	7.7	0.8	398.1	0.18	93.15
64.0-65.0	7.3	0.7	398.8	0.17	93.32
65.0-66.0	7.0	0.7	399.5	0.16	93.49
66.0-67.0	6.7	0.7	400.2	0.16	93.65
67.0-68.0	6.4	0.7	400.8	0.15	93.80
68.0-69.0	6.1	0.6	401.5	0.15	93.95
69.0-70.0	5.8	0.6	402.1	0.14	94.09
70.0-71.0	5.6	0.6	402.6	0.13	94.22
71.0-72.0	5.3	0.5	403.2	0.13	94.35

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	5.0	0.5	403.7	0.12	94.47
73.0-74.0	4.7	0.5	404.2	0.12	94.59
74.0-75.0	4.4	0.5	404.7	0.11	94.70
75.0-76.0	4.2	0.4	405.1	0.10	94.80
76.0-77.0	4.0	0.4	405.6	0.10	94.90
77.0-78.0	3.7	0.4	406.0	0.09	94.99
78.0-79.0	3.5	0.4	406.3	0.09	95.08
79.0-80.0	3.3	0.4	406.7	0.08	95.16
80.0-81.0	3.1	0.3	407.0	0.08	95.24
81.0-82.0	2.9	0.3	407.3	0.07	95.31
82.0-83.0	2.7	0.3	407.6	0.07	95.38
83.0-84.0	2.6	0.3	407.9	0.07	95.45
84.0-85.0	2.4	0.3	408.2	0.06	95.51
85.0-86.0	2.3	0.3	408.4	0.06	95.57
86.0-87.0	2.2	0.2	408.7	0.06	95.63
87.0-88.0	2.2	0.2	408.9	0.06	95.68
88.0-89.0	2.2	0.2	409.1	0.06	95.74
89.0-90.0	2.1	0.2	409.4	0.05	95.79
90.0-91.0	2.1	0.2	409.6	0.05	95.85
91.0-92.0	2.1	0.2	409.8	0.05	95.90
92.0-93.0	2.1	0.2	410.1	0.05	95.96
93.0-94.0	2.1	0.2	410.3	0.05	96.01
94.0-95.0	2.1	0.2	410.5	0.05	96.06
95.0-96.0	2.1	0.2	410.8	0.05	96.12
96.0-97.0	2.2	0.2	411.0	0.05	96.17
97.0-98.0	2.2	0.2	411.2	0.05	96.23
98.0-99.0	2.1	0.2	411.5	0.05	96.28
99.0-100.0	2.1	0.2	411.7	0.05	96.33
100.0-101.0	2.1	0.2	411.9	0.05	96.39
101.0-102.0	2.1	0.2	412.1	0.05	96.44
102.0-103.0	2.1	0.2	412.4	0.05	96.49
103.0-104.0	2.1	0.2	412.6	0.05	96.55
104.0-105.0	2.1	0.2	412.8	0.05	96.60
105.0-106.0	2.1	0.2	413.0	0.05	96.65
106.0-107.0	2.1	0.2	413.3	0.05	96.70
107.0-108.0	2.1	0.2	413.5	0.05	96.75

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	2.2	0.2	413.7	0.05	96.81
109.0-110.0	2.2	0.2	413.9	0.05	96.86
110.0-111.0	2.2	0.2	414.2	0.05	96.91
111.0-112.0	2.2	0.2	414.4	0.05	96.97
112.0-113.0	2.2	0.2	414.6	0.05	97.02
113.0-114.0	2.2	0.2	414.8	0.05	97.07
114.0-115.0	2.2	0.2	415.1	0.05	97.12
115.0-116.0	2.2	0.2	415.3	0.05	97.17
116.0-117.0	2.2	0.2	415.5	0.05	97.23
117.0-118.0	2.3	0.2	415.7	0.05	97.28
118.0-119.0	2.3	0.2	415.9	0.05	97.33
119.0-120.0	2.3	0.2	416.2	0.05	97.38
120.0-121.0	2.3	0.2	416.4	0.05	97.43
121.0-122.0	2.3	0.2	416.6	0.05	97.48
122.0-123.0	2.4	0.2	416.8	0.05	97.53
123.0-124.0	2.4	0.2	417.0	0.05	97.59
124.0-125.0	2.5	0.2	417.3	0.05	97.64
125.0-126.0	2.5	0.2	417.5	0.05	97.69
126.0-127.0	2.4	0.2	417.7	0.05	97.74
127.0-128.0	2.4	0.2	417.9	0.05	97.79
128.0-129.0	2.4	0.2	418.1	0.05	97.84
129.0-130.0	2.5	0.2	418.3	0.05	97.89
130.0-131.0	2.5	0.2	418.5	0.05	97.94
131.0-132.0	2.5	0.2	418.7	0.05	97.99
132.0-133.0	2.6	0.2	419.0	0.05	98.04
133.0-134.0	2.6	0.2	419.2	0.05	98.09
134.0-135.0	2.7	0.2	419.4	0.05	98.13
135.0-136.0	2.8	0.2	419.6	0.05	98.18
136.0-137.0	2.8	0.2	419.8	0.05	98.23
137.0-138.0	2.9	0.2	420.0	0.05	98.28
138.0-139.0	2.9	0.2	420.2	0.05	98.33
139.0-140.0	3.1	0.2	420.4	0.05	98.39
140.0-141.0	3.2	0.2	420.7	0.05	98.44
141.0-142.0	3.3	0.2	420.9	0.05	98.49
142.0-143.0	3.4	0.2	421.1	0.05	98.54
143.0-144.0	3.6	0.2	421.4	0.05	98.60

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	3.7	0.2	421.6	0.06	98.65
145.0-146.0	3.8	0.2	421.8	0.06	98.71
146.0-147.0	3.9	0.2	422.1	0.06	98.77
147.0-148.0	4.1	0.2	422.3	0.06	98.82
148.0-149.0	4.3	0.2	422.6	0.06	98.88
149.0-150.0	4.4	0.2	422.8	0.06	98.94
150.0-151.0	4.5	0.2	423.0	0.06	98.99
151.0-152.0	4.7	0.2	423.3	0.06	99.05
152.0-153.0	4.8	0.2	423.5	0.06	99.11
153.0-154.0	5.0	0.2	423.8	0.06	99.17
154.0-155.0	5.1	0.2	424.0	0.06	99.22
155.0-156.0	5.2	0.2	424.3	0.06	99.28
156.0-157.0	5.3	0.2	424.5	0.05	99.33
157.0-158.0	5.4	0.2	424.7	0.05	99.39
158.0-159.0	5.5	0.2	424.9	0.05	99.44
159.0-160.0	5.6	0.2	425.2	0.05	99.49
160.0-161.0	5.7	0.2	425.4	0.05	99.54
161.0-162.0	5.7	0.2	425.6	0.05	99.58
162.0-163.0	5.7	0.2	425.8	0.04	99.63
163.0-164.0	5.8	0.2	425.9	0.04	99.67
164.0-165.0	5.8	0.2	426.1	0.04	99.71
165.0-166.0	5.8	0.2	426.3	0.04	99.75
166.0-167.0	5.8	0.1	426.4	0.03	99.78
167.0-168.0	5.8	0.1	426.5	0.03	99.81
168.0-169.0	5.8	0.1	426.7	0.03	99.84
169.0-170.0	5.9	0.1	426.8	0.03	99.87
170.0-171.0	5.9	0.1	426.9	0.02	99.90
171.0-172.0	5.8	0.1	427.0	0.02	99.92
172.0-173.0	5.8	0.1	427.1	0.02	99.94
173.0-174.0	5.8	0.1	427.1	0.02	99.95
174.0-175.0	5.7	0.1	427.2	0.01	99.97
175.0-176.0	5.7	0.0	427.3	0.01	99.98
176.0-177.0	5.7	0.0	427.3	0.01	99.99
177.0-178.0	5.7	0.0	427.3	0.01	99.99
178.0-179.0	5.7	0.0	427.3	0.00	100.00
179.0-180.0	5.7	0.0	427.3	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	1805.2	1800.5	1809.0	1815.6	1805.2	1800.5	1809.0	1815.6	1805.2	
G1.0	1721.5	1775.3	1834.8	1867.2	1857.2	1798.9	1753.8	1734.4	1721.5	
G2.0	1621.4	1705.2	1819.8	1900.7	1854.5	1760.7	1667.3	1633.3	1621.4	
G3.0	1523.0	1649.6	1807.7	1924.0	1859.6	1719.5	1575.9	1510.7	1523.0	
G4.0	1423.4	1596.7	1794.8	1914.8	1877.4	1673.0	1457.4	1378.9	1423.4	
G5.0	1314.8	1522.9	1730.1	1881.4	1836.6	1580.1	1344.9	1268.3	1314.8	
G6.0	1211.2	1439.2	1645.0	1827.0	1761.1	1479.7	1228.6	1149.9	1211.2	
G7.0	1084.1	1326.4	1581.5	1735.4	1693.7	1370.4	1106.3	1032.9	1084.1	
G8.0	960.9	1219.5	1483.9	1634.0	1596.7	1247.1	983.3	898.2	960.9	
G9.0	833.6	1101.9	1375.0	1531.5	1474.0	1128.4	854.3	773.6	833.6	
G10.0	707.2	973.8	1247.9	1399.0	1343.6	999.8	726.0	648.0	707.2	
G11.0	574.8	841.1	1127.5	1250.9	1214.9	859.8	599.9	534.4	574.8	
G12.0	468.6	703.5	983.3	1110.8	1080.5	729.8	497.7	441.7	468.6	
G13.0	383.4	588.1	854.5	975.6	939.7	601.2	409.9	359.8	383.4	
G14.0	319.4	488.4	727.7	843.5	786.3	502.3	348.7	303.8	319.4	
G15.0	272.3	408.2	613.0	717.6	658.0	429.3	301.2	259.9	272.3	
G16.0	234.3	347.0	511.4	597.0	557.6	373.0	264.3	224.7	234.3	
G17.0	206.7	296.6	423.4	510.4	483.7	325.4	232.6	193.7	206.7	
G18.0	183.9	259.3	364.2	442.2	421.7	291.5	208.1	171.2	183.9	
G19.0	164.3	227.5	318.7	388.6	376.4	263.8	186.8	153.3	164.3	
G20.0	146.2	200.4	283.9	347.4	336.8	239.1	168.2	137.2	146.2	
G21.0	128.2	177.3	252.7	311.8	302.4	217.4	151.6	122.6	128.2	
G22.0	112.9	156.5	229.0	284.3	273.6	197.1	135.2	109.2	112.9	
G23.0	98.8	140.5	209.4	259.2	247.3	181.1	121.7	95.7	98.8	
G24.0	86.4	126.0	191.8	236.7	227.5	166.3	109.1	84.8	86.4	
G25.0	75.4	112.8	175.4	215.1	210.8	151.8	97.5	75.8	75.4	
G26.0	67.1	100.3	158.6	197.6	196.0	137.9	87.4	68.3	67.1	
G27.0	60.4	89.5	143.7	181.8	180.2	123.4	77.8	61.1	60.4	
G28.0	54.8	79.9	129.4	166.4	166.8	112.0	70.0	55.4	54.8	
G29.0	49.2	72.3	116.8	151.3	153.3	102.3	63.1	50.3	49.2	
G30.0	44.8	65.2	104.6	139.1	141.1	92.0	56.5	46.0	44.8	
G31.0	41.0	59.1	93.7	128.5	129.4	83.8	51.1	41.4	41.0	
G32.0	37.9	53.9	84.2	118.0	117.4	75.9	45.9	38.0	37.9	
G33.0	34.7	49.3	75.8	106.3	107.3	68.7	41.4	34.8	34.7	
G34.0	32.6	45.1	67.7	96.8	97.4	62.4	37.8	32.2	32.6	
G35.0	30.4	41.0	60.8	88.0	88.2	55.8	34.8	29.8	30.4	
G36.0	28.3	37.4	54.9	79.7	78.5	50.6	31.6	27.2	28.3	

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	26.4	35.0	49.7	72.2	70.3	45.7	29.2	25.2	26.4	
G38.0	24.6	32.3	44.7	64.7	62.7	41.5	27.1	23.5	24.6	
G39.0	23.2	30.1	40.8	58.1	55.8	37.5	25.2	22.4	23.2	
G40.0	21.8	28.0	37.2	52.1	49.4	34.1	23.4	21.0	21.8	
G41.0	20.8	26.2	34.1	46.8	44.6	31.4	22.1	20.1	20.8	
G42.0	19.6	24.3	31.0	41.9	40.4	28.8	21.2	19.1	19.6	
G43.0	18.9	22.8	28.3	38.0	36.4	26.2	20.3	18.3	18.9	
G44.0	18.3	21.4	26.3	34.4	33.0	24.1	19.7	17.8	18.3	
G45.0	17.5	20.4	24.3	31.3	30.3	22.6	19.3	17.8	17.5	
G46.0	17.2	19.6	22.6	28.5	28.0	21.4	18.9	17.4	17.2	
G47.0	16.4	19.0	21.6	26.5	26.0	20.5	18.0	16.4	16.4	
G48.0	15.4	18.8	20.8	24.8	24.3	19.3	16.5	15.6	15.4	
G49.0	14.5	18.1	19.8	23.5	22.5	18.7	15.5	15.0	14.5	
G50.0	13.8	17.4	19.5	22.2	21.4	17.3	14.8	14.2	13.8	
G51.0	13.3	16.3	18.3	20.9	20.3	16.3	14.1	13.2	13.3	
G52.0	12.7	15.4	16.9	19.1	18.8	15.1	13.1	12.1	12.7	
G53.0	12.0	14.6	16.0	17.9	17.2	14.2	12.3	11.6	12.0	
G54.0	11.3	13.6	15.3	16.7	16.1	13.2	11.9	10.9	11.3	
G55.0	10.5	12.8	14.2	15.5	14.9	11.9	11.2	10.4	10.5	
G56.0	10.0	11.9	13.4	14.5	13.5	11.0	10.4	9.8	10.0	
G57.0	9.4	11.1	12.6	13.5	12.4	10.4	9.8	9.2	9.4	
G58.0	8.5	10.5	11.6	12.5	11.5	9.6	9.4	8.7	8.5	
G59.0	8.5	9.8	10.9	11.6	10.6	9.0	8.8	8.1	8.5	
G60.0	7.9	9.3	10.3	10.8	10.1	8.7	8.3	7.8	7.9	
G61.0	7.6	8.8	9.8	10.2	9.5	8.1	8.0	7.5	7.6	
G62.0	7.3	8.5	9.2	9.7	9.1	7.9	7.7	7.2	7.3	
G63.0	6.9	8.0	8.8	9.1	8.6	7.5	7.4	6.8	6.9	
G64.0	6.5	7.6	8.3	8.7	8.2	7.3	7.2	6.4	6.5	
G65.0	6.3	7.3	7.9	8.3	8.0	6.9	6.7	6.0	6.3	
G66.0	5.8	6.9	7.5	8.1	7.7	6.7	6.5	5.8	5.8	
G67.0	5.6	6.6	7.4	7.6	7.4	6.3	6.2	5.4	5.6	
G68.0	5.1	6.5	7.2	7.5	7.2	6.0	5.8	5.1	5.1	
G69.0	4.8	6.0	6.9	7.1	6.8	5.8	5.4	5.0	4.8	
G70.0	4.6	5.8	6.5	6.7	6.6	5.5	5.3	4.7	4.6	
G71.0	4.2	5.4	6.2	6.5	6.3	5.4	5.0	4.5	4.2	
G72.0	3.9	5.2	5.8	6.2	5.9	5.1	4.6	4.1	3.9	
G73.0	3.6	4.8	5.7	6.0	5.6	4.7	4.4	3.9	3.6	

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	3.3	4.7	5.4	5.5	5.3	4.4	4.3	3.6	3.3	
G75.0	3.1	4.3	5.2	5.4	5.1	4.2	3.9	3.4	3.1	
G76.0	2.9	4.2	5.0	5.1	4.7	4.1	3.6	3.1	2.9	
G77.0	2.8	3.8	4.7	4.8	4.4	3.8	3.3	3.0	2.8	
G78.0	2.3	3.6	4.5	4.6	4.2	3.5	3.1	2.8	2.3	
G79.0	2.2	3.3	4.3	4.3	4.0	3.5	3.0	2.6	2.2	
G80.0	1.9	3.0	3.9	4.1	3.7	3.4	2.8	2.5	1.9	
G81.0	1.7	2.8	3.7	3.8	3.5	3.1	2.6	2.5	1.7	
G82.0	1.8	2.6	3.5	3.6	3.3	2.8	2.5	2.3	1.8	
G83.0	1.6	2.5	3.2	3.5	3.1	2.6	2.4	2.3	1.6	
G84.0	1.6	2.3	3.0	3.1	2.8	2.5	2.3	2.1	1.6	
G85.0	1.6	2.3	3.0	2.9	2.7	2.4	2.1	2.1	1.6	
G86.0	1.5	2.1	2.8	2.8	2.4	2.2	2.2	2.0	1.5	
G87.0	1.5	2.2	2.4	2.7	2.2	2.1	2.1	2.1	1.5	
G88.0	1.7	2.2	2.3	2.6	2.0	2.1	2.3	2.3	1.7	
G89.0	1.5	2.1	2.3	2.6	2.0	2.2	2.2	2.1	1.5	
G90.0	1.5	2.2	2.4	2.5	1.8	2.1	2.3	2.1	1.5	
G91.0	1.6	2.2	2.3	2.5	1.9	2.0	2.3	2.0	1.6	
G92.0	1.5	2.1	2.4	2.4	1.9	2.0	2.3	2.1	1.5	
G93.0	1.5	2.2	2.4	2.4	1.9	2.1	2.2	2.0	1.5	
G94.0	1.6	2.1	2.2	2.4	1.8	2.2	2.2	2.1	1.6	
G95.0	1.5	2.2	2.3	2.6	1.9	2.1	2.3	2.2	1.5	
G96.0	1.6	2.1	2.4	2.4	2.0	2.2	2.4	2.1	1.6	
G97.0	1.8	2.2	2.5	2.4	2.0	2.2	2.2	1.9	1.8	
G98.0	1.7	2.1	2.4	2.5	1.9	2.2	2.2	2.1	1.7	
G99.0	1.6	2.0	2.4	2.5	2.0	2.1	2.3	2.0	1.6	
G100.0	1.6	2.1	2.3	2.5	1.9	2.0	2.2	2.0	1.6	
G101.0	1.5	1.9	2.3	2.6	2.0	2.0	2.2	2.0	1.5	
G102.0	1.6	2.0	2.4	2.5	1.8	2.2	2.2	2.1	1.6	
G103.0	1.6	2.1	2.4	2.5	1.9	2.1	2.2	2.1	1.6	
G104.0	1.6	2.0	2.4	2.4	1.9	2.3	2.2	2.1	1.6	
G105.0	1.7	2.0	2.4	2.4	1.9	2.2	2.3	2.0	1.7	
G106.0	1.7	2.1	2.4	2.3	1.9	2.1	2.3	2.1	1.7	
G107.0	1.6	2.1	2.3	2.3	2.0	2.2	2.3	2.2	1.6	
G108.0	1.9	2.0	2.5	2.3	1.9	2.1	2.3	2.2	1.9	
G109.0	2.0	2.2	2.6	2.2	2.0	2.1	2.3	2.2	2.0	
G110.0	2.0	2.2	2.3	2.1	2.0	2.2	2.4	2.2	2.0	

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	2.0	2.1	2.4	2.4	2.0	2.2	2.4	2.3	2.0	
G112.0	1.9	2.2	2.5	2.3	2.1	2.2	2.4	2.2	1.9	
G113.0	2.0	2.1	2.4	2.5	2.1	2.2	2.3	2.3	2.0	
G114.0	2.1	2.0	2.4	2.4	2.1	2.1	2.2	2.4	2.1	
G115.0	1.9	2.1	2.4	2.3	2.1	2.2	2.3	2.5	1.9	
G116.0	2.0	2.1	2.4	2.3	2.2	2.1	2.3	2.4	2.0	
G117.0	2.0	2.2	2.6	2.2	2.2	2.2	2.1	2.4	2.0	
G118.0	2.0	2.2	2.5	2.4	2.1	2.2	2.3	2.6	2.0	
G119.0	2.2	2.2	2.5	2.5	2.2	2.2	2.1	2.6	2.2	
G120.0	2.3	2.2	2.6	2.4	2.3	2.3	2.2	2.5	2.3	
G121.0	2.3	2.3	2.7	2.4	2.1	2.2	2.2	2.5	2.3	
G122.0	2.4	2.5	2.6	2.5	2.0	2.2	2.3	2.4	2.4	
G123.0	2.6	2.3	2.3	2.6	2.0	2.3	2.4	2.4	2.6	
G124.0	2.6	2.4	2.6	2.6	2.1	2.3	2.8	2.6	2.6	
G125.0	2.8	2.4	2.7	2.5	2.1	2.2	2.6	2.8	2.8	
G126.0	2.6	2.4	2.6	2.6	2.1	2.3	2.5	2.7	2.6	
G127.0	2.6	2.5	2.5	2.5	2.1	2.2	2.6	2.4	2.6	
G128.0	2.7	2.5	2.4	2.4	2.2	2.3	2.6	2.4	2.7	
G129.0	2.5	2.4	2.6	2.4	2.3	2.2	2.7	2.6	2.5	
G130.0	2.5	2.6	2.5	2.6	2.3	2.4	2.7	2.6	2.5	
G131.0	2.5	2.5	2.6	2.5	2.3	2.4	2.9	2.7	2.5	
G132.0	2.6	2.6	2.5	2.4	2.4	2.3	2.8	2.7	2.6	
G133.0	2.7	2.7	2.5	2.5	2.3	2.5	3.0	2.8	2.7	
G134.0	2.8	2.8	2.6	2.5	2.3	2.6	3.0	2.8	2.8	
G135.0	2.8	2.7	2.7	2.5	2.4	2.6	3.1	2.8	2.8	
G136.0	2.8	2.8	2.8	2.8	2.5	2.6	3.2	3.0	2.8	
G137.0	2.8	2.8	2.7	2.7	2.5	2.8	3.4	3.2	2.8	
G138.0	2.9	2.8	2.8	2.7	2.5	2.7	3.3	3.2	2.9	
G139.0	3.1	2.8	3.0	2.8	2.6	2.8	3.6	3.4	3.1	
G140.0	3.5	3.0	3.1	2.8	2.8	2.8	3.7	3.4	3.5	
G141.0	3.5	3.1	3.1	2.9	2.9	3.1	3.8	3.7	3.5	
G142.0	3.6	3.3	3.1	3.0	3.1	3.1	3.9	3.8	3.6	
G143.0	3.7	3.4	3.4	3.1	3.2	3.2	4.0	4.1	3.7	
G144.0	3.9	3.6	3.4	3.1	3.4	3.4	4.2	4.1	3.9	
G145.0	3.9	3.8	3.6	3.4	3.5	3.4	4.3	4.3	3.9	
G146.0	4.2	3.9	3.7	3.3	3.7	3.5	4.4	4.4	4.2	
G147.0	4.3	3.9	3.9	3.3	3.6	3.7	4.7	4.6	4.3	

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	4.6	4.2	4.0	3.5	3.8	3.9	4.8	4.9	4.6	
G149.0	4.6	4.4	4.0	3.7	4.0	4.2	5.0	4.9	4.6	
G150.0	4.8	4.5	4.1	3.8	4.0	4.2	5.2	5.1	4.8	
G151.0	5.0	4.6	4.3	4.0	4.1	4.4	5.1	5.1	5.0	
G152.0	5.1	4.8	4.6	4.2	4.3	4.6	5.3	5.3	5.1	
G153.0	5.1	4.9	4.9	4.3	4.3	4.8	5.4	5.5	5.1	
G154.0	5.5	5.0	4.8	4.3	4.4	4.8	5.7	5.8	5.5	
G155.0	5.5	5.2	5.0	4.6	4.6	5.0	5.7	5.8	5.5	
G156.0	5.6	5.2	5.1	4.6	4.8	5.3	5.8	5.9	5.6	
G157.0	5.7	5.3	5.3	4.8	5.0	5.2	5.8	5.8	5.7	
G158.0	5.8	5.5	5.5	5.1	5.1	5.3	5.8	5.9	5.8	
G159.0	5.8	5.6	5.5	5.1	5.2	5.4	6.0	6.0	5.8	
G160.0	5.8	5.6	5.7	5.3	5.2	5.6	6.0	5.9	5.8	
G161.0	5.8	5.7	5.7	5.5	5.3	5.6	6.1	5.9	5.8	
G162.0	5.6	5.7	5.7	5.4	5.4	5.6	6.0	6.1	5.6	
G163.0	5.7	5.8	5.7	5.7	5.5	5.6	6.2	5.9	5.7	
G164.0	5.8	5.9	5.7	5.6	5.7	5.7	6.1	6.0	5.8	
G165.0	5.8	6.0	5.8	5.7	5.6	5.8	6.1	6.2	5.8	
G166.0	5.6	5.9	5.8	5.6	5.8	5.7	6.0	6.1	5.6	
G167.0	5.7	5.9	5.8	5.6	5.7	5.8	6.0	5.9	5.7	
G168.0	5.6	5.8	5.8	5.6	5.8	5.7	6.2	5.9	5.6	
G169.0	5.6	5.8	5.8	5.7	5.8	5.7	6.2	6.0	5.6	
G170.0	5.5	5.8	5.9	5.9	5.8	5.8	6.2	6.0	5.5	
G171.0	5.4	5.8	6.1	5.7	5.8	5.8	6.3	5.9	5.4	
G172.0	5.3	5.7	6.0	5.7	5.8	5.8	6.2	5.8	5.3	
G173.0	5.5	5.8	5.8	5.7	5.8	5.7	6.3	5.9	5.5	
G174.0	5.3	5.8	5.8	5.8	5.9	5.7	6.2	5.8	5.3	
G175.0	5.2	5.6	5.9	5.7	5.8	5.6	6.1	5.8	5.2	
G176.0	5.3	5.5	5.8	5.8	5.8	5.6	6.0	5.8	5.3	
G177.0	5.4	5.5	5.9	5.8	5.7	5.6	6.0	5.7	5.4	
G178.0	5.4	5.8	5.9	5.7	5.8	5.6	5.8	5.9	5.4	
G179.0	5.5	5.7	6.1	5.6	5.7	5.6	5.8	5.7	5.5	
G180.0	5.6	5.8	6.2	5.7	5.8	5.6	5.9	5.8	5.6	

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: