Report No.: **Test Time: 2021/12/3 10:22**

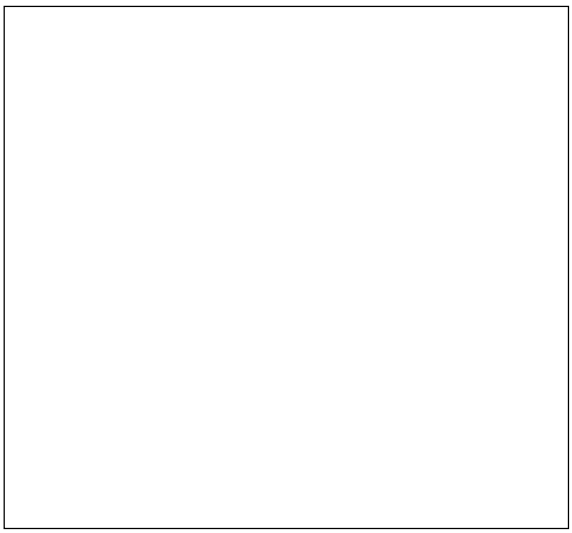
Luminaire Property

Luminaire Manufacturer:
Luminaire Description: MS-MR16-3B.4W **Power: 3.79 W**

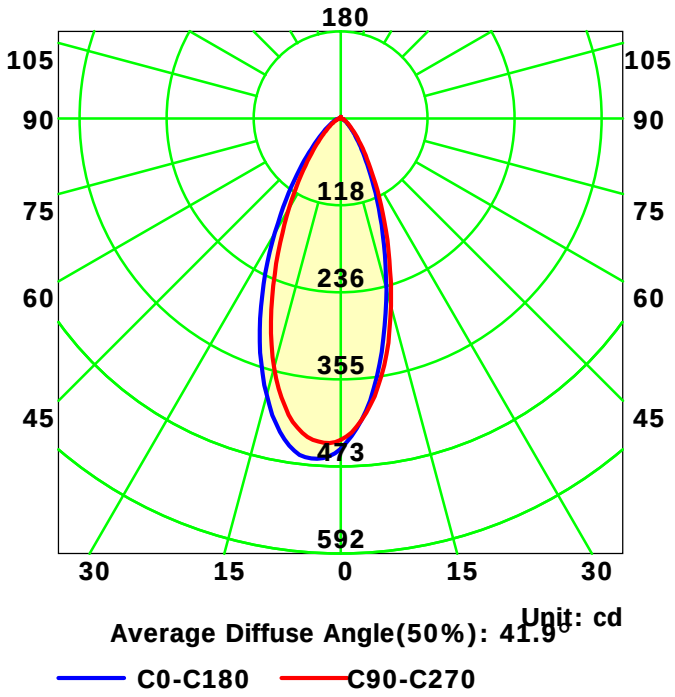
Photometric Results

IES Classification: Type I
Total Rated Lamp Lumens: 311.6 lm
Efficiency: 100%
Upward Ratio: 1%
Central Intensity: 449.35 cd
Pos of Max. Intensity: H180 V5
Longitudinal Classification: Very Short
Measurement Flux: 311.6 lm
Downward Ratio: 99%
Luminaire Efficacy Rating (LER): 82
Max. Intensity: 464.17 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



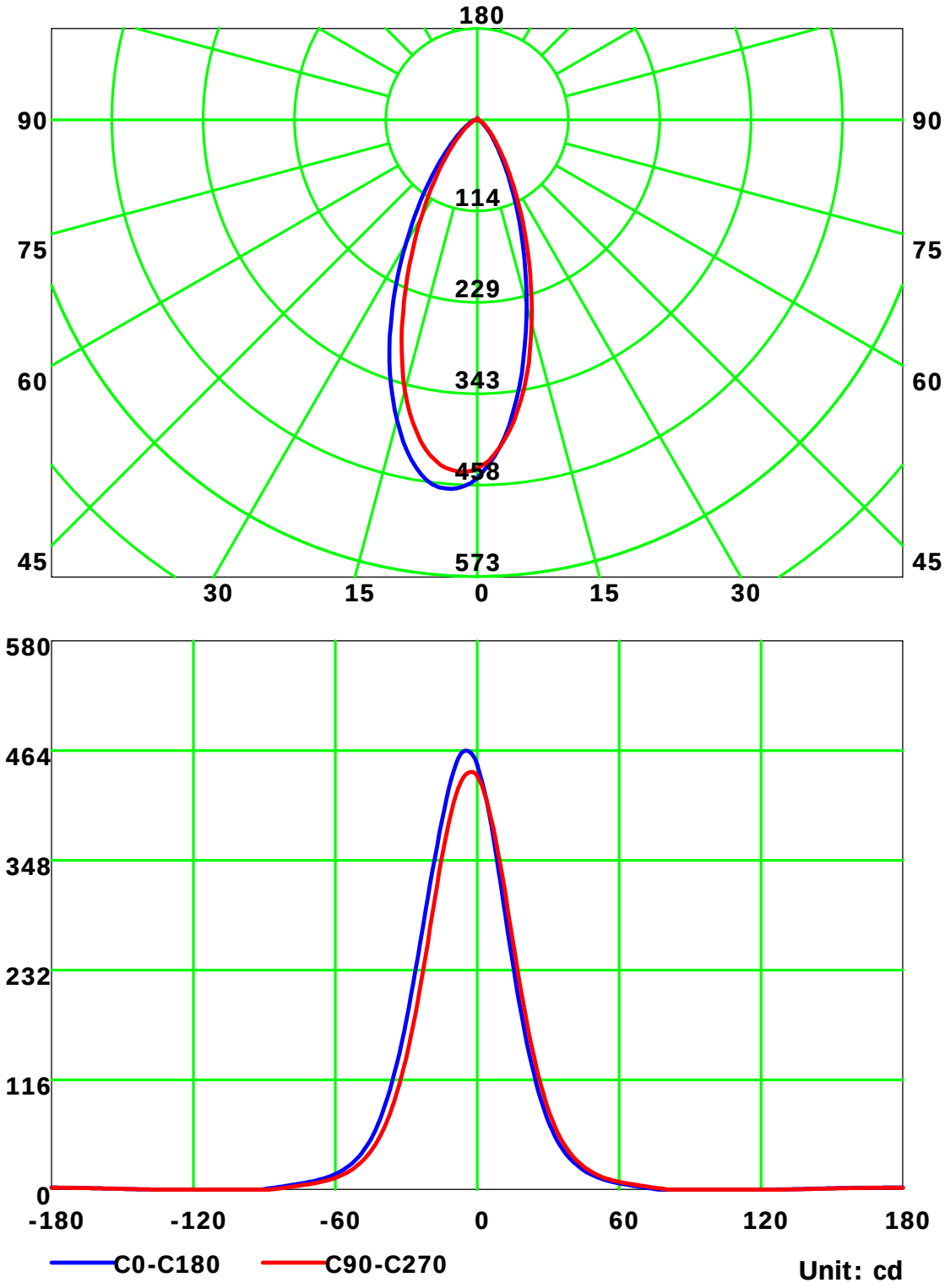
Unit: cd

Average Diffuse Angle(50%): 41.9°

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:

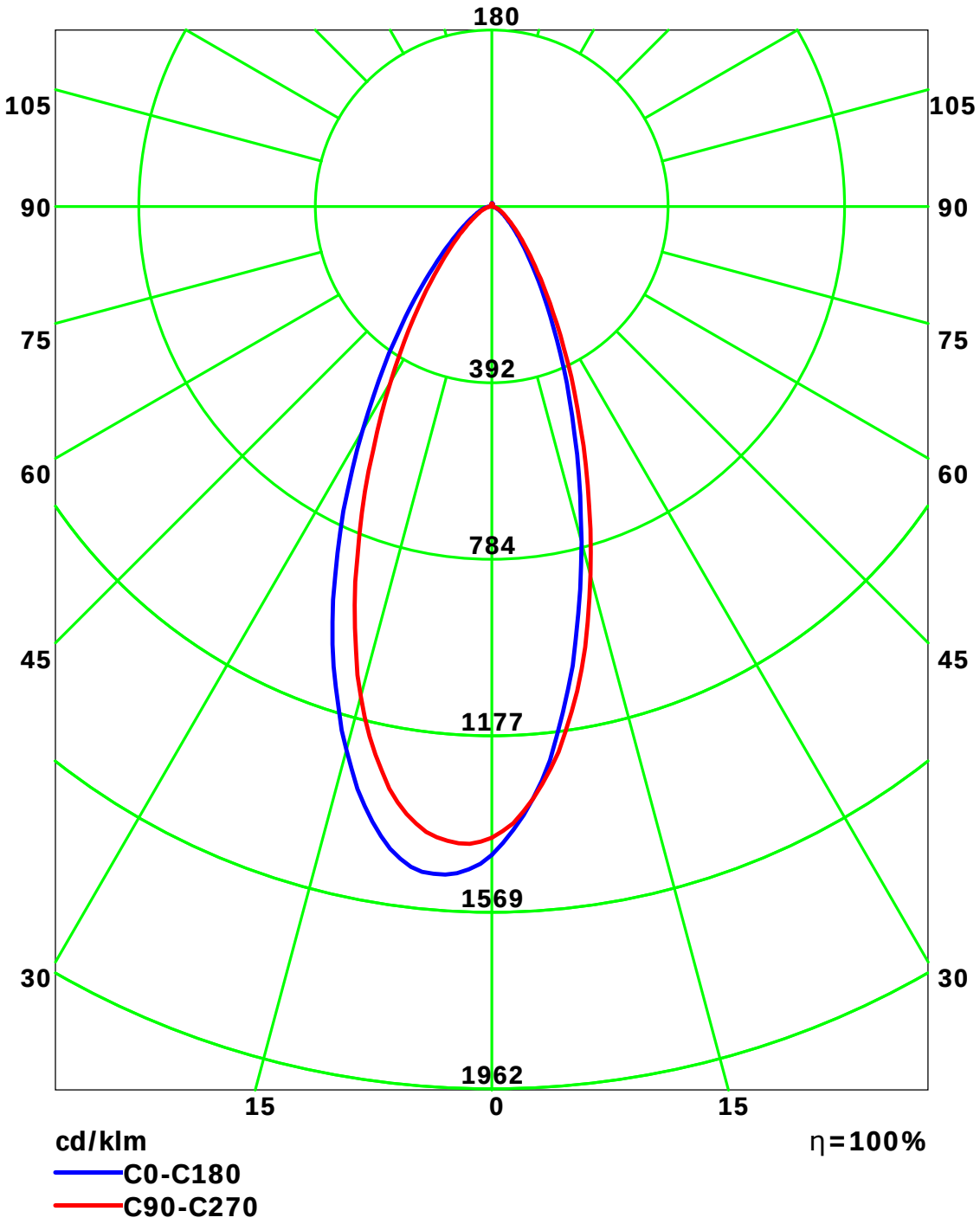
Luminous Intensity Distribution Curve



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

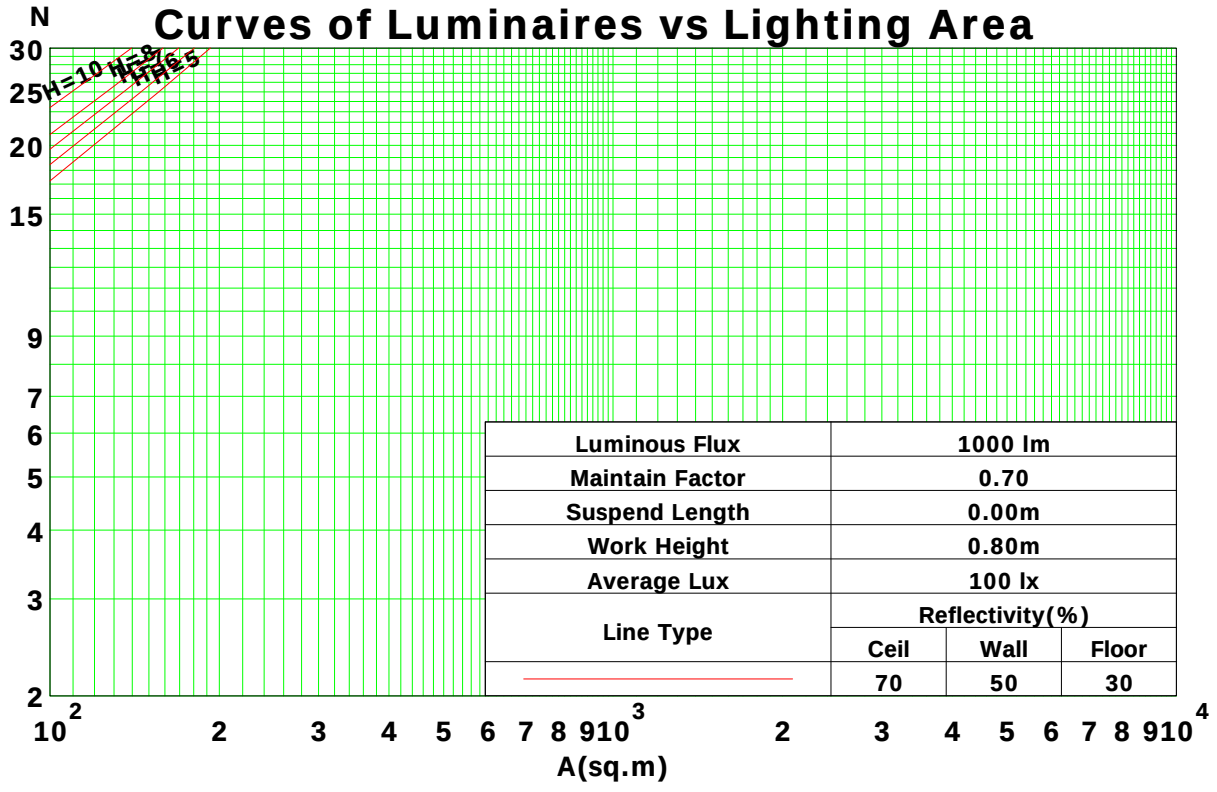
Gamma Plane (°):0.0-180.0:1.0
Test Device:
Distance:
Humidity:
Inspector:

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	101	101	101	99
1	113	110	107	104	110	107	105	103	103	101	99	99	98	96	96	94	93	91
2	106	101	97	93	104	99	95	92	96	92	90	93	90	88	90	88	86	84
3	101	94	88	84	98	92	87	83	89	85	82	87	83	80	84	81	79	77
4	95	87	81	76	93	86	80	76	83	79	75	81	77	74	79	76	73	71
5	90	81	75	70	88	80	74	70	78	73	69	76	72	69	75	71	68	66
6	85	76	70	65	84	75	69	65	74	68	64	72	67	64	71	67	63	62
7	81	71	65	61	80	71	65	60	69	64	60	68	63	60	67	63	59	58
8	77	67	61	57	76	67	61	57	66	60	56	64	60	56	63	59	56	54
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51
10	70	60	54	50	69	60	54	50	59	54	50	58	53	50	57	53	50	48

Spacing Criteria (0-180): 0.68
Spacing Criteria (90-270): 0.67
Spacing Criteria (Diagonal): 0.70

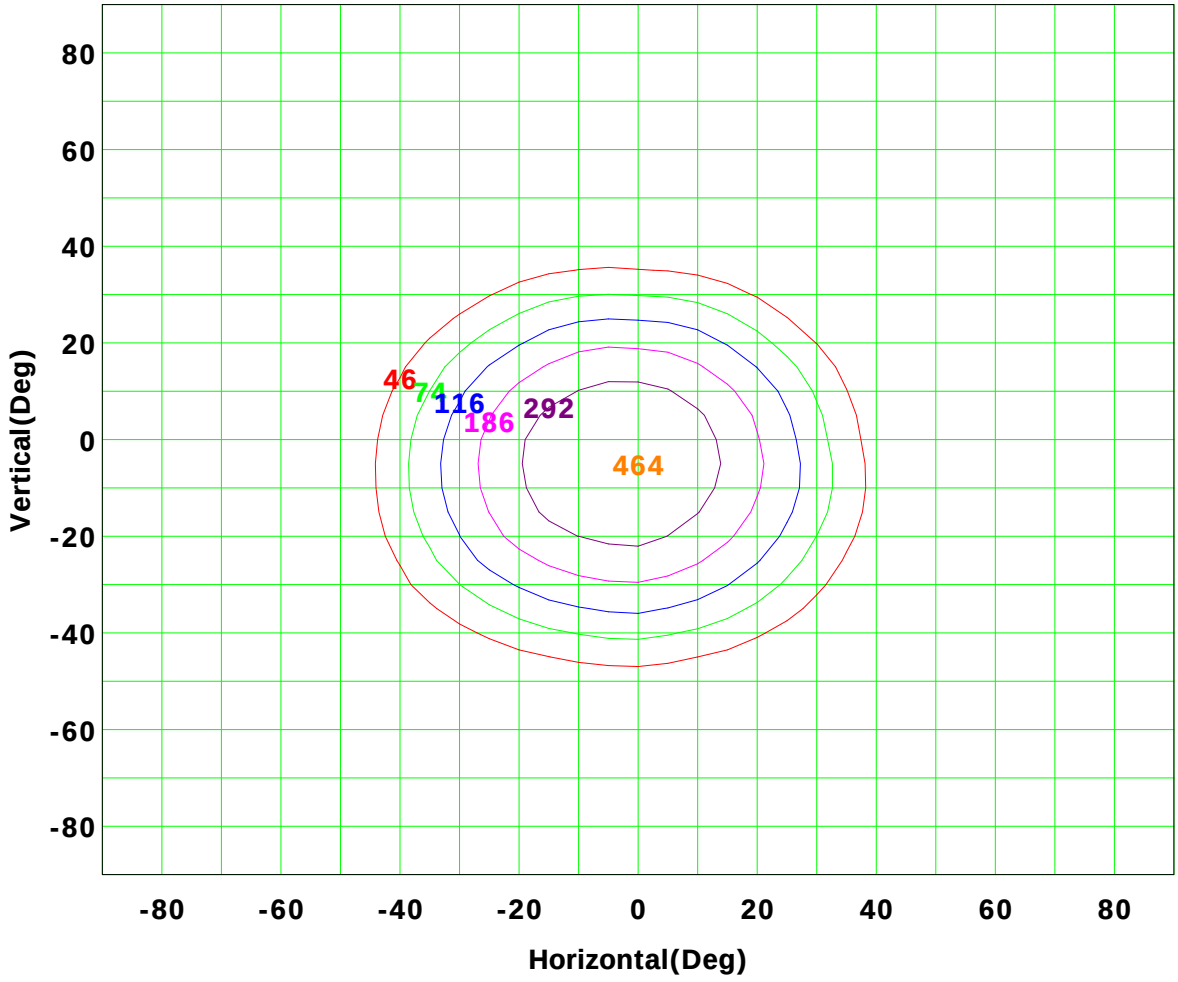
Curves of Luminaires vs Lighting Area



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)



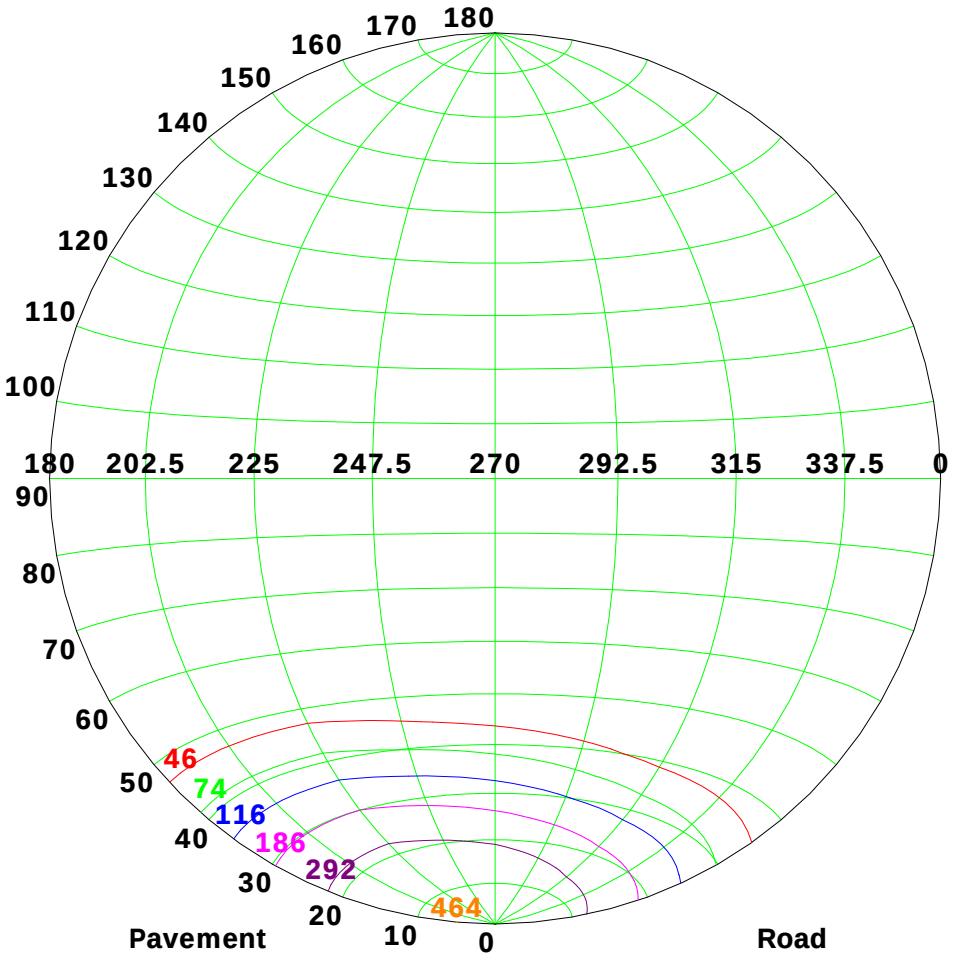
Imax (100%): 464 cd

(10%): 46 cd	(16%): 74 cd
(25%): 116 cd	(40%): 186 cd
(63%): 292 cd	(100%): 464 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)



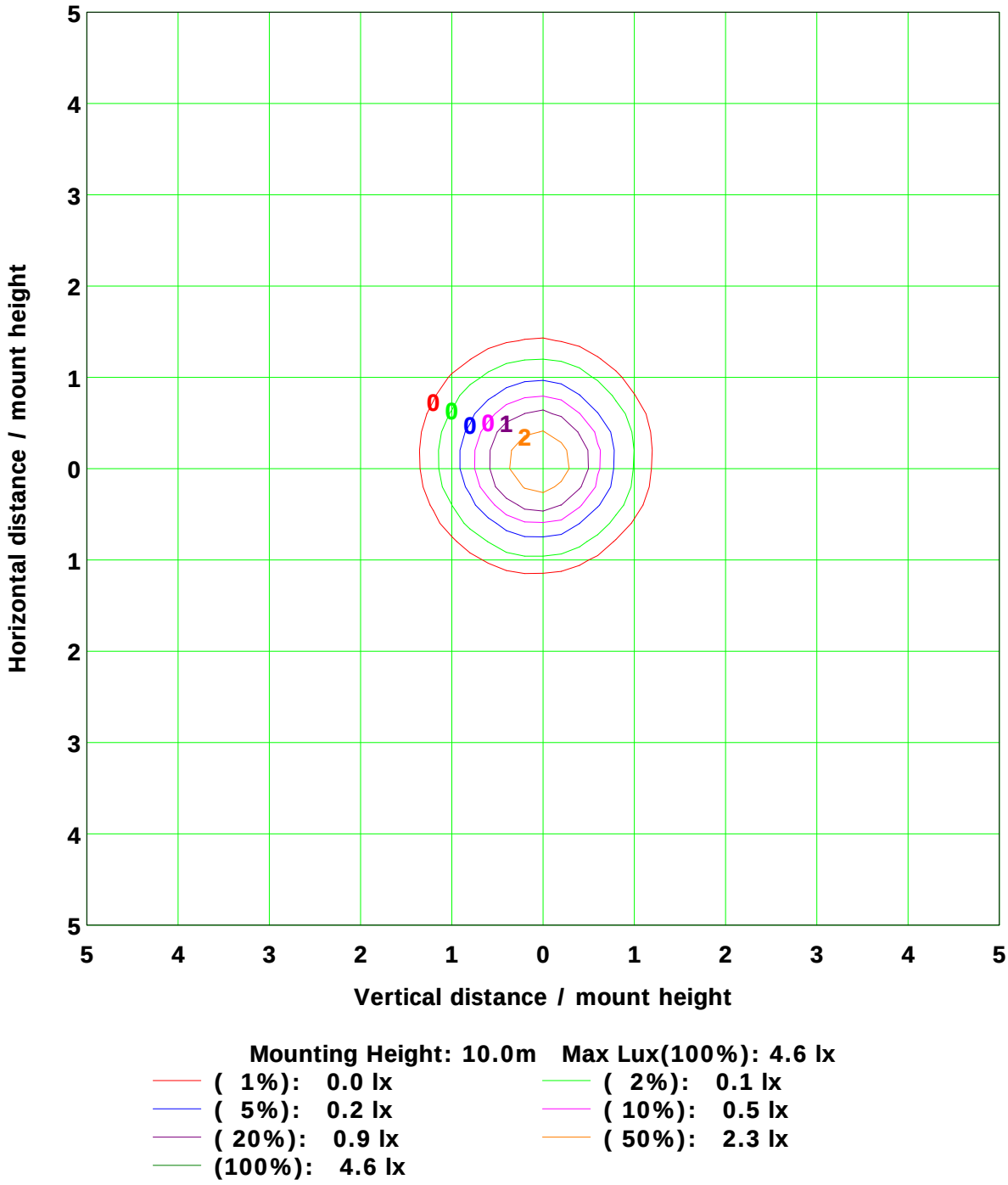
Imax (100%): 464 cd

(10%): 46 cd	(16%): 74 cd
(25%): 116 cd	(40%): 186 cd
(63%): 292 cd	(100%): 464 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

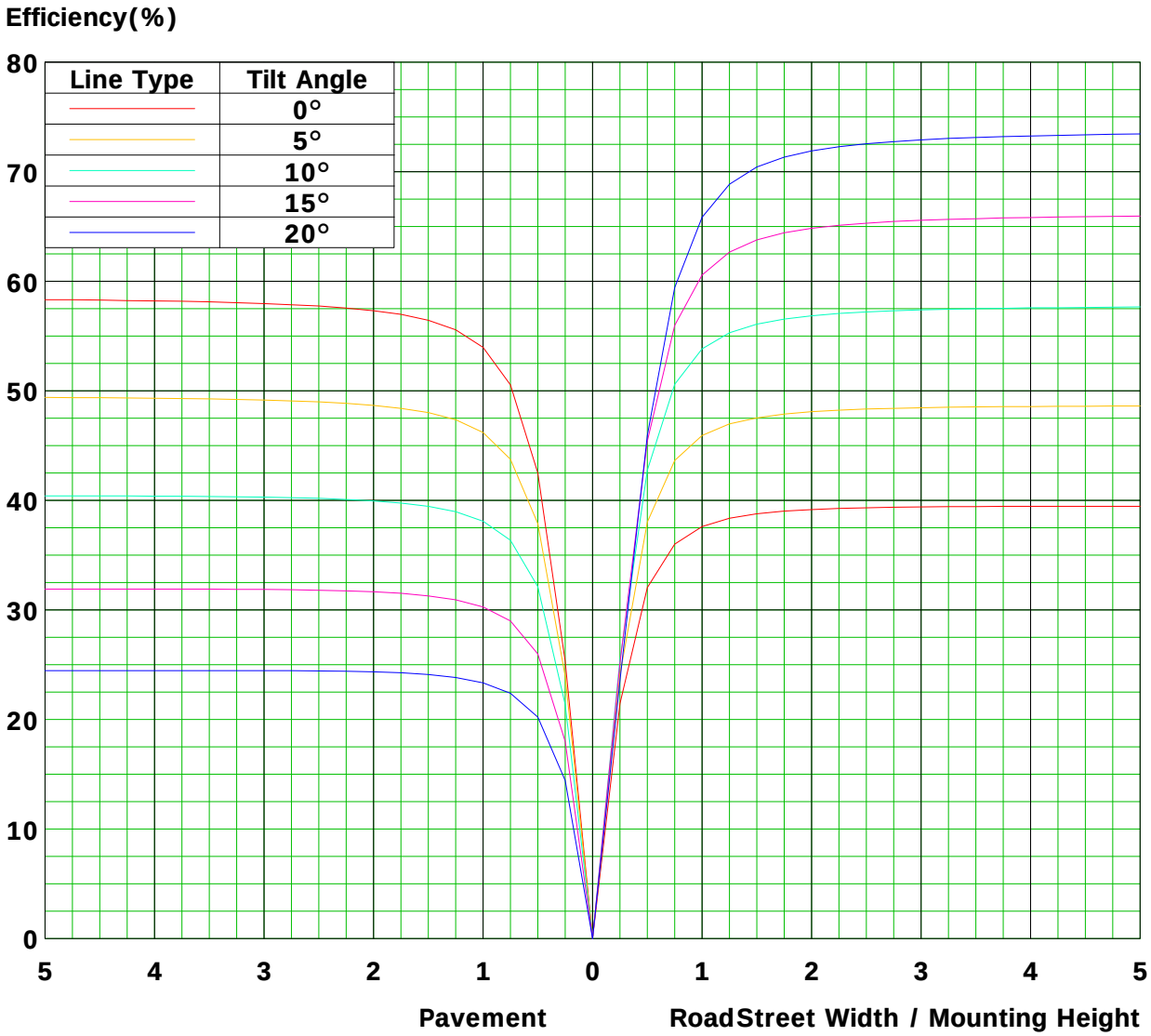


Mounting Height: 10.0m Max Lux(100%): 4.6 lx

(1%): 0.0 lx	(2%): 0.1 lx
(5%): 0.2 lx	(10%): 0.5 lx
(20%): 0.9 lx	(50%): 2.3 lx
(100%): 4.6 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

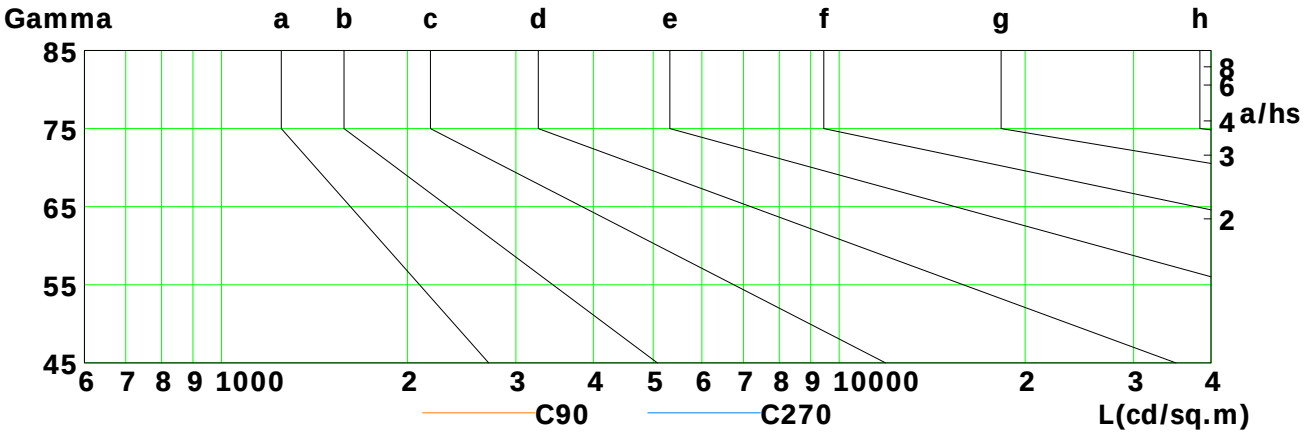


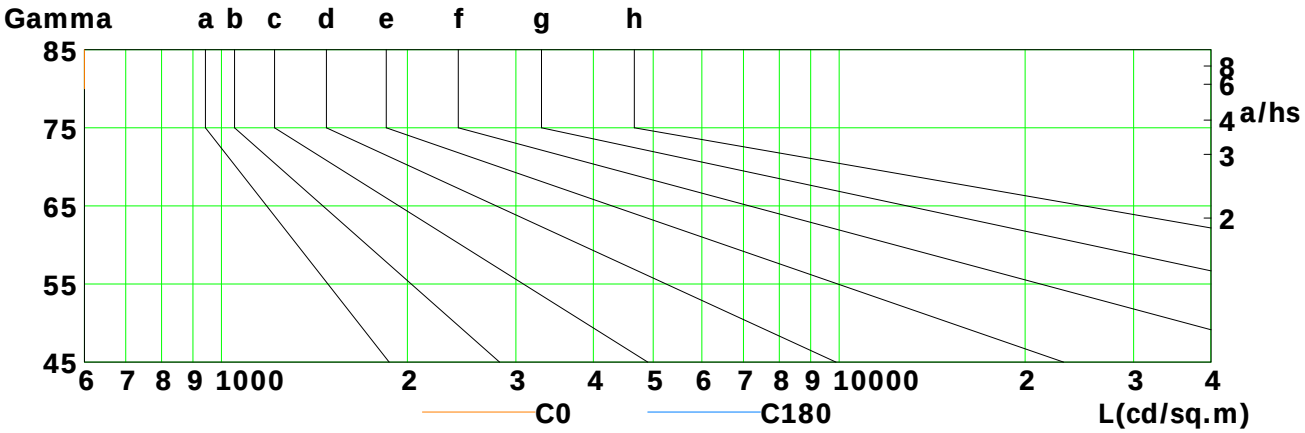
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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



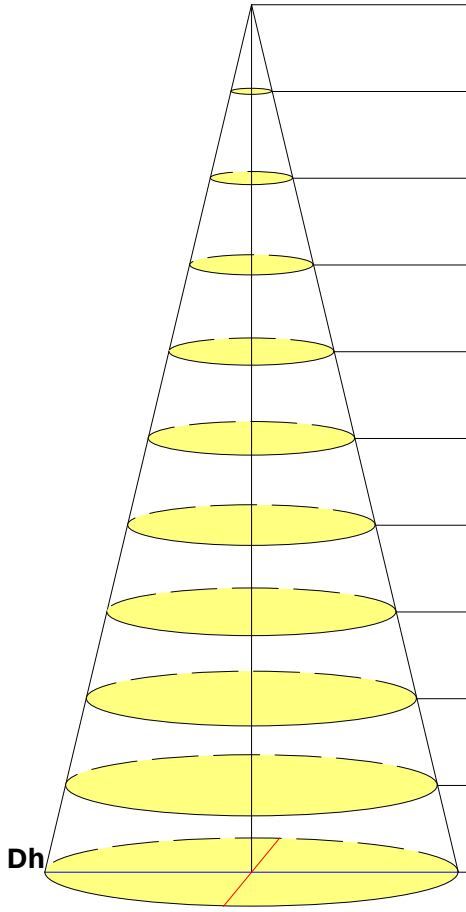


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	21	14	10	7	5	3	1	0	0
C90	25	17	12	8	6	4	2	1	0
C180	54	35	24	17	12	9	6	4	3
C270	41	27	18	13	9	6	5	3	1

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:

Illuminance at a Distance



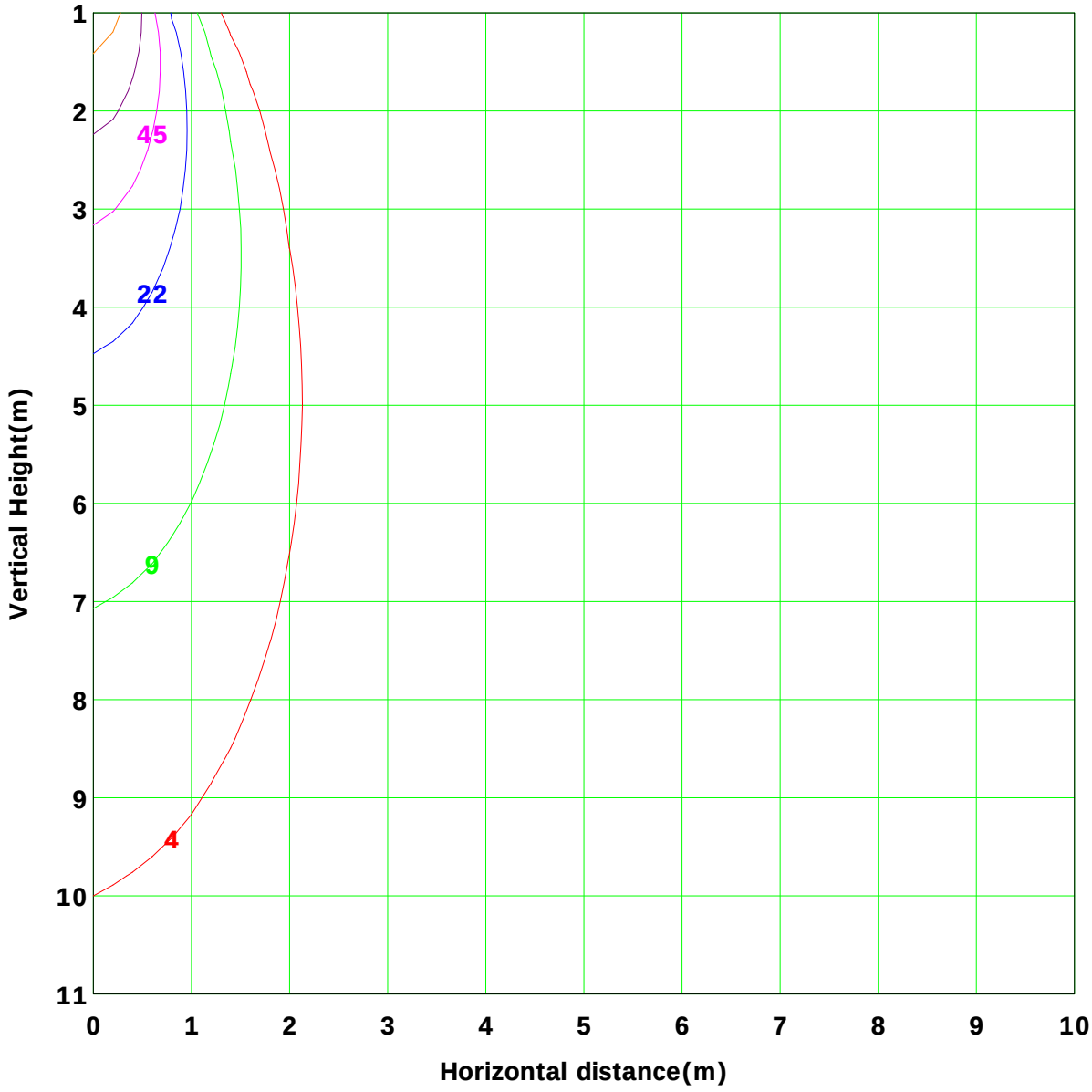
Dist(m)	Enadir(lx)	Dh/Dv_B(m)	S_B(sq.m)	Eav_B(lx)
5.0	17.97	3.85/3.80	12.1	7.17
10.0	4.49	7.71/7.61	48.4	1.79
15.0	2.00	11.56/11.41	108.9	0.80
20.0	1.12	15.41/15.21	193.6	0.45
25.0	0.72	19.27/19.01	302.5	0.29
30.0	0.50	23.12/22.82	435.6	0.20
35.0	0.37	26.97/26.62	592.9	0.15
40.0	0.28	30.82/30.42	774.4	0.11
45.0	0.22	34.68/34.22	980.2	0.09
50.0	0.18	38.53/38.03	1210.1	0.07

Beam Angle(B): H42.1 V41.6 Field Angle(F): H82.3 V82.0

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:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 449.4 lx

(1%): 4.5 lx
(2%): 9.0 lx
(5%): 22.5 lx
(10%): 44.9 lx
(20%): 89.9 lx
(50%): 224.7 lx
(100%): 449.4 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	0.0	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	0.4	0.0
-80.0	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	0.1	0.0	0.0	0.0	0.0	1.2	0.0
-70.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.2	0.2	0.1	0.0	0.0	0.0	0.0	2.3	0.0
-60.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.4	0.5	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	0.0	4.3	0.0
-50.0	0.0	0.0	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	8.2	1.7
-40.0	0.0	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	0.8	0.7	0.6	0.4	0.3	0.2	0.1	0.0	16.3	12.7
-30.0	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.9	1.0	0.9	0.8	0.7	0.5	0.3	0.2	0.1	0.0	30.7	28.0
-20.0	0.0	0.1	0.1	0.3	0.5	0.6	0.8	0.9	1.0	1.1	1.2	1.1	1.0	0.8	0.6	0.4	0.2	0.1	0.0	48.8	46.6
-10.0	0.0	0.1	0.3	0.6	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.0	1.8	1.5	1.1	0.7	0.4	0.2	0.0	60.1	58.0
0.00.0	0.0	0.1	0.3	0.6	1.3	1.5	1.8	2.0	2.2	2.4	2.6	2.4	2.2	1.8	1.3	0.8	0.4	0.2	0.0	55.7	53.5
10.0	0.0	0.1	0.3	0.6	1.3	1.5	1.8	2.0	2.2	2.4	2.6	2.4	2.2	1.8	1.3	0.8	0.4	0.2	0.0	38.5	36.1
20.0	0.0	0.1	0.2	0.4	0.8	0.9	1.1	1.2	1.3	1.4	1.5	1.4	1.3	1.1	0.8	0.5	0.2	0.1	0.0	21.4	18.4
30.0	0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.7	0.8	0.8	0.9	0.8	0.8	0.6	0.4	0.2	0.1	0.0	0.0	10.7	5.2
40.0	0.0	0.0	0.1	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.1	0.0	0.0	5.4	0.0
50.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	2.9	0.0
60.0	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	0.1	0.0	0.0	0.0	0.0	1.6	0.0
70.0	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	0.6	0.0
80.0	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	0.1	0.0
90.0	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	0.0
ΦT	0.4	1.2	2.3	4.3	8.2	16.3	30.7	48.8	60.1	55.7	38.5	21.4	10.7	5.4	2.9	1.6	0.6	0.1	309		
ΦE	260	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		

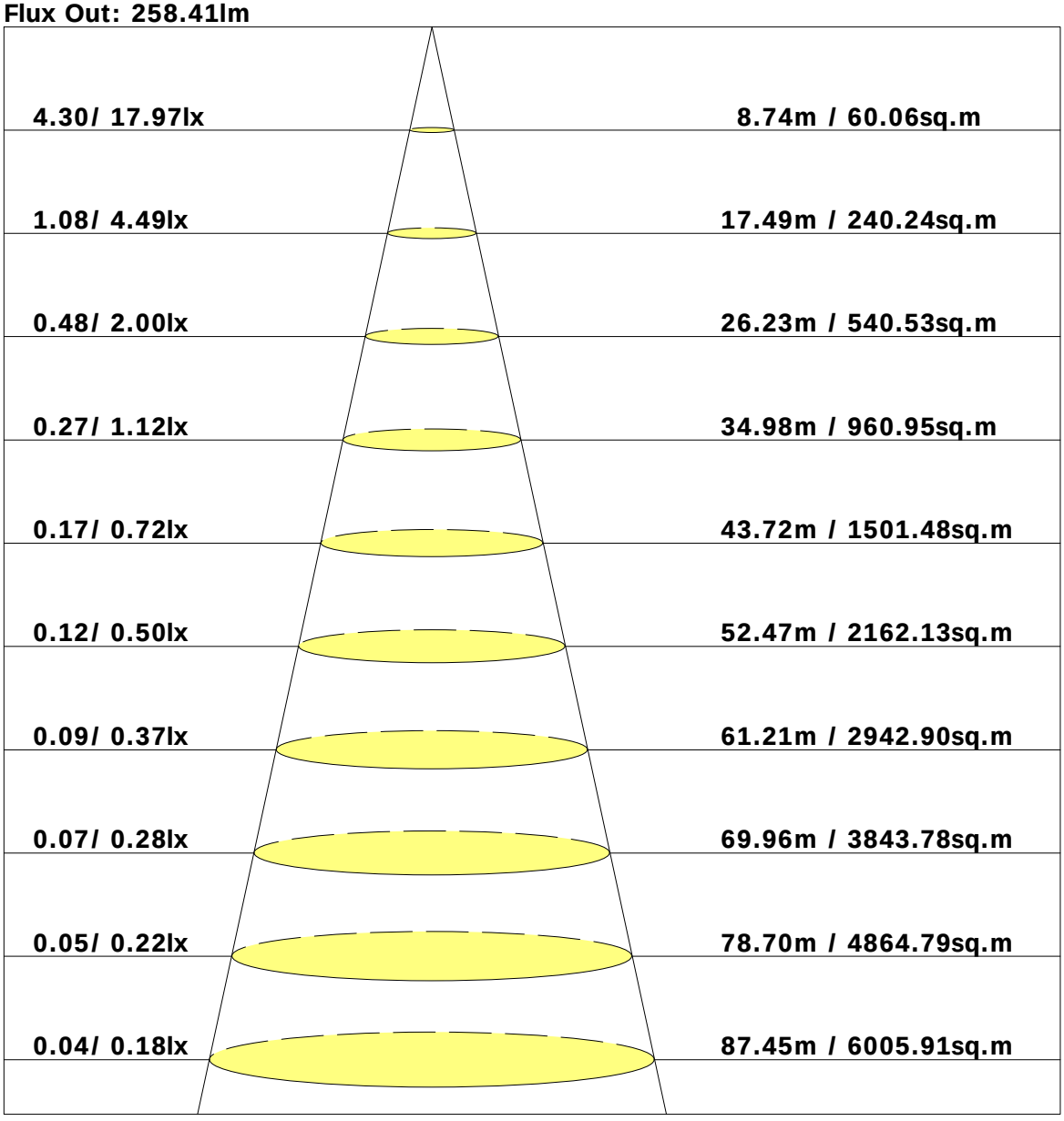
Horizontal plane -90.0 -80.0 -70.0 -60.0 -50.0 -40.0 -30.0 -20.0 -10.0 0.00.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0 ΦT

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: 258.41lm



Height	Avg./Nadir. E	Beam Angle:82.3°	Diameter / Area
5.0m	4.30/ 17.97lx		8.74m / 60.06sq.m
10.0m	1.08/ 4.49lx		17.49m / 240.24sq.m
15.0m	0.48/ 2.00lx		26.23m / 540.53sq.m
20.0m	0.27/ 1.12lx		34.98m / 960.95sq.m
25.0m	0.17/ 0.72lx		43.72m / 1501.48sq.m
30.0m	0.12/ 0.50lx		52.47m / 2162.13sq.m
35.0m	0.09/ 0.37lx		61.21m / 2942.90sq.m
40.0m	0.07/ 0.28lx		69.96m / 3843.78sq.m
45.0m	0.05/ 0.22lx		78.70m / 4864.79sq.m
50.0m	0.04/ 0.18lx		87.45m / 6005.91sq.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

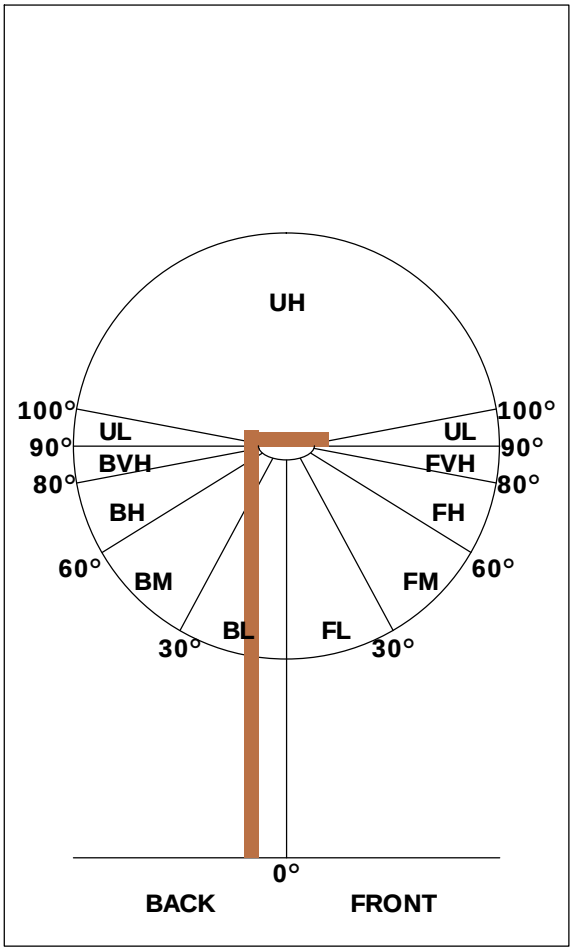
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$	1.$
3H	1.$	1.$	1.$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



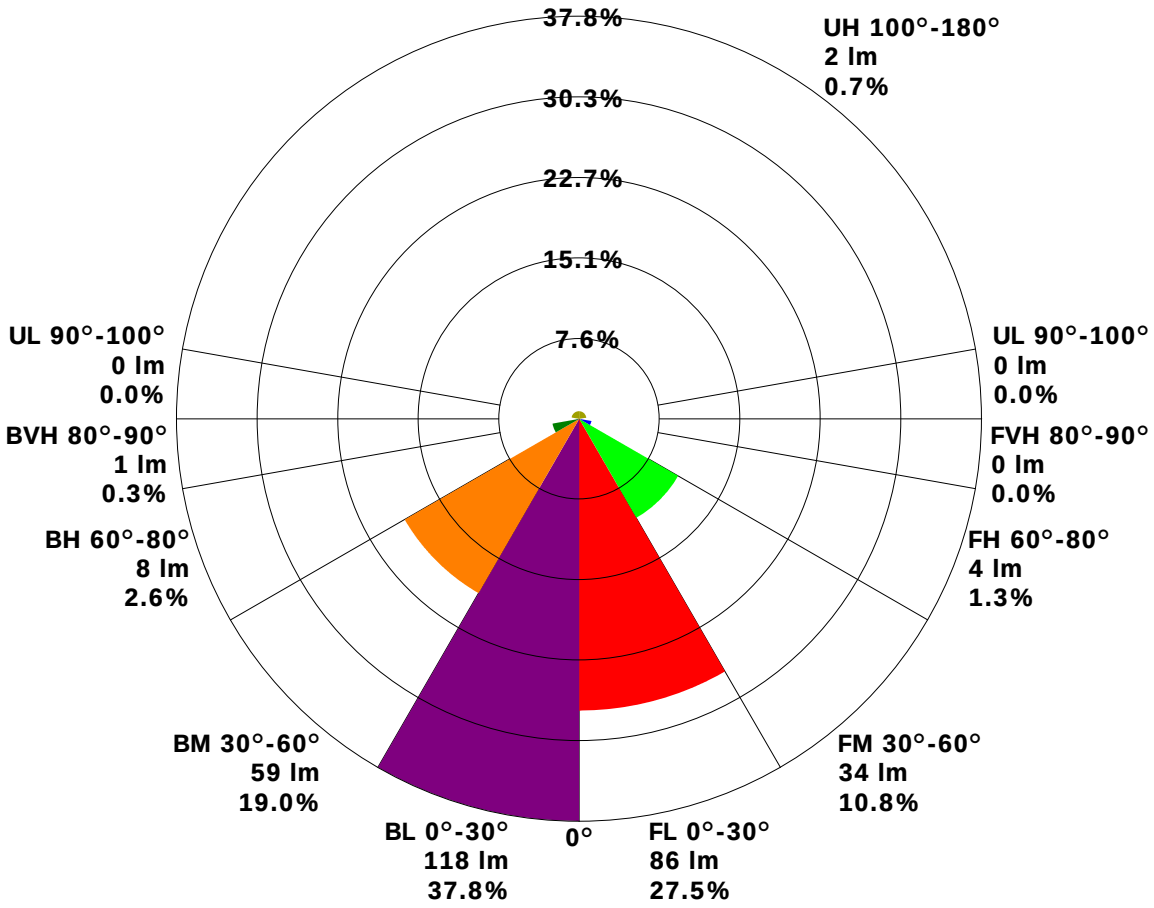
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	123	39.6
FL (0°-30°)	86	27.5
FM (30°-60°)	34	10.8
FH (60°-80°)	4	1.3
FVH (80°-90°)	0	0.0
BACK LIGHT	186	59.7
BL (0°-30°)	118	37.8
BM (30°-60°)	59	19.0
BH (60°-80°)	8	2.6
BVH (80°-90°)	1	0.3
UP LIGHT	2	0.7
UL (90°-100°)	0	0.0
UH (100°-180°)	2	0.7
TRAPPED LIGHT	NA	NA

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

C Plane (°):0.0-360.0: 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 = 0.75								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.79	0.86	0.91	0.95	1.00	1.03	1.05	1.08	1.09
	0.30		0.74	0.81	0.86	0.90	0.96	0.99	1.02	1.05	1.07
	0.20		0.70	0.77	0.83	0.87	0.92	0.96	0.99	1.03	1.05
0.50	0.50	0.20	0.78	0.84	0.89	0.92	0.97	0.99	1.01	1.04	1.05
	0.30		0.73	0.80	0.85	0.89	0.93	0.97	0.99	1.02	1.03
	0.20		0.69	0.77	0.82	0.85	0.91	0.94	0.96	1.00	1.02
0.30	0.50	0.20	0.76	0.83	0.87	0.90	0.94	0.96	0.98	1.00	1.01
	0.30		0.72	0.79	0.84	0.87	0.91	0.94	0.96	0.98	1.00
	0.20		0.69	0.76	0.81	0.84	0.89	0.92	0.94	0.97	0.99
0.00	0.00	0.00	0.67	0.74	0.78	0.81	0.86	0.88	0.90	0.92	0.94

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 = 0.75								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.67	0.54	0.46	0.39	0.31	0.26	0.22	0.17	0.14
	0.30		0.56	0.46	0.40	0.35	0.28	0.23	0.20	0.16	0.13
	0.20		0.48	0.41	0.35	0.31	0.26	0.22	0.19	0.15	0.12
0.50	0.50	0.20	0.64	0.51	0.43	0.37	0.29	0.28	0.20	0.15	0.13
	0.30		0.54	0.45	0.38	0.33	0.26	0.22	0.19	0.15	0.12
	0.20		0.47	0.39	0.34	0.30	0.24	0.20	0.18	0.14	0.12
0.30	0.50	0.20	0.61	0.49	0.41	0.35	0.27	0.22	0.19	0.14	0.12
	0.30		0.52	0.43	0.36	0.31	0.25	0.21	0.18	0.14	0.11
	0.20		0.46	0.38	0.33	0.29	0.23	0.19	0.17	0.13	0.11
0.00	0.00	0.00	0.33	0.26	0.22	0.19	0.15	0.12	0.10	0.08	0.06

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 = 0.75								
Room Reflectance			Room Index(RI)								
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00
0.70	0.50	0.20	0.14	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.22
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20
	0.20		0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.18	0.19
0.50	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21
	0.30		0.10	0.11	0.13	0.14	0.15	0.17	0.17	0.19	0.19
	0.20		0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.18
0.30	0.50	0.20	0.13	0.15	0.16	0.16	0.18	0.18	0.19	0.20	0.20
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19
	0.20		0.06	0.08	0.10	0.11	0.13	0.14	0.15	0.17	0.18
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

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	440.6	0.4	0.4	0.14	0.14
1.0-2.0	439.0	1.3	1.7	0.40	0.54
2.0-3.0	436.1	2.1	3.8	0.67	1.21
3.0-4.0	432.0	2.9	6.7	0.93	2.14
4.0-5.0	426.6	3.7	10.3	1.18	3.32
5.0-6.0	420.2	4.4	14.7	1.42	4.73
6.0-7.0	412.4	5.1	19.9	1.64	6.38
7.0-8.0	403.3	5.8	25.6	1.85	8.23
8.0-9.0	393.5	6.4	32.0	2.05	10.27
9.0-10.0	382.6	6.9	38.9	2.22	12.50
10.0-11.0	370.7	7.4	46.4	2.38	14.87
11.0-12.0	358.1	7.8	54.2	2.51	17.39
12.0-13.0	344.8	8.2	62.4	2.63	20.01
13.0-14.0	331.1	8.5	70.8	2.72	22.73
14.0-15.0	317.0	8.7	79.5	2.79	25.53
15.0-16.0	302.8	8.9	88.4	2.85	28.37
16.0-17.0	288.2	9.0	97.4	2.88	31.25
17.0-18.0	273.6	9.0	106.4	2.89	34.15
18.0-19.0	259.4	9.0	115.4	2.90	37.05
19.0-20.0	245.4	9.0	124.4	2.88	39.93
20.0-21.0	231.4	8.9	133.3	2.85	42.78
21.0-22.0	217.6	8.7	142.1	2.81	45.59
22.0-23.0	204.1	8.6	150.6	2.75	48.34
23.0-24.0	191.2	8.4	159.0	2.68	51.02
24.0-25.0	178.8	8.1	167.1	2.61	53.63
25.0-26.0	166.7	7.9	175.0	2.53	56.15
26.0-27.0	155.0	7.6	182.6	2.43	58.59
27.0-28.0	144.1	7.3	189.9	2.34	60.93
28.0-29.0	133.9	7.0	196.9	2.25	63.18
29.0-30.0	124.0	6.7	203.6	2.15	65.33
30.0-31.0	114.7	6.4	210.0	2.05	67.38
31.0-32.0	106.1	6.1	216.0	1.95	69.33
32.0-33.0	98.0	5.8	221.8	1.85	71.18
33.0-34.0	90.5	5.5	227.3	1.76	72.94
34.0-35.0	83.4	5.2	232.5	1.66	74.60
35.0-36.0	76.8	4.9	237.4	1.57	76.17

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	70.7	4.6	242.0	1.48	77.65
37.0-38.0	65.1	4.3	246.3	1.39	79.04
38.0-39.0	59.8	4.1	250.4	1.31	80.36
39.0-40.0	55.0	3.8	254.2	1.23	81.59
40.0-41.0	50.6	3.6	257.8	1.16	82.74
41.0-42.0	46.6	3.4	261.2	1.09	83.83
42.0-43.0	42.8	3.2	264.4	1.02	84.85
43.0-44.0	39.4	3.0	267.4	0.95	85.80
44.0-45.0	36.3	2.8	270.2	0.89	86.70
45.0-46.0	33.4	2.6	272.8	0.84	87.54
46.0-47.0	30.8	2.5	275.2	0.79	88.32
47.0-48.0	28.5	2.3	277.5	0.74	89.06
48.0-49.0	26.3	2.2	279.7	0.69	89.76
49.0-50.0	24.3	2.0	281.7	0.65	90.41
50.0-51.0	22.5	1.9	283.6	0.61	91.02
51.0-52.0	20.9	1.8	285.4	0.57	91.59
52.0-53.0	19.3	1.7	287.1	0.54	92.13
53.0-54.0	18.0	1.6	288.7	0.51	92.64
54.0-55.0	16.7	1.5	290.2	0.48	93.12
55.0-56.0	15.5	1.4	291.6	0.45	93.57
56.0-57.0	14.4	1.3	292.9	0.42	93.99
57.0-58.0	13.4	1.2	294.1	0.40	94.39
58.0-59.0	12.5	1.2	295.3	0.37	94.76
59.0-60.0	11.6	1.1	296.4	0.35	95.11
60.0-61.0	10.8	1.0	297.4	0.33	95.44
61.0-62.0	10.1	1.0	298.4	0.31	95.76
62.0-63.0	9.5	0.9	299.3	0.30	96.05
63.0-64.0	8.9	0.9	300.2	0.28	96.33
64.0-65.0	8.3	0.8	301.0	0.26	96.60
65.0-66.0	7.8	0.8	301.8	0.25	96.85
66.0-67.0	7.2	0.7	302.5	0.23	97.08
67.0-68.0	6.7	0.7	303.2	0.22	97.30
68.0-69.0	6.3	0.6	303.8	0.20	97.50
69.0-70.0	5.8	0.6	304.4	0.19	97.69
70.0-71.0	5.4	0.6	305.0	0.18	97.87
71.0-72.0	5.0	0.5	305.5	0.17	98.04

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	4.5	0.5	306.0	0.15	98.19
73.0-74.0	4.2	0.4	306.4	0.14	98.33
74.0-75.0	3.8	0.4	306.8	0.13	98.46
75.0-76.0	3.4	0.4	307.2	0.12	98.57
76.0-77.0	3.0	0.3	307.5	0.10	98.68
77.0-78.0	2.7	0.3	307.8	0.09	98.77
78.0-79.0	2.4	0.3	308.0	0.08	98.85
79.0-80.0	2.1	0.2	308.3	0.07	98.93
80.0-81.0	1.8	0.2	308.5	0.06	98.99
81.0-82.0	1.6	0.2	308.6	0.05	99.04
82.0-83.0	1.3	0.1	308.8	0.05	99.09
83.0-84.0	1.1	0.1	308.9	0.04	99.13
84.0-85.0	1.0	0.1	309.0	0.03	99.16
85.0-86.0	0.8	0.1	309.1	0.03	99.19
86.0-87.0	0.6	0.1	309.2	0.02	99.22
87.0-88.0	0.5	0.1	309.2	0.02	99.23
88.0-89.0	0.3	0.0	309.3	0.01	99.24
89.0-90.0	0.2	0.0	309.3	0.01	99.25
90.0-91.0	0.2	0.0	309.3	0.01	99.26
91.0-92.0	0.1	0.0	309.3	0.00	99.26
92.0-93.0	0.0	0.0	309.3	0.00	99.26
93.0-94.0	0.0	0.0	309.3	0.00	99.26
94.0-95.0	0.0	0.0	309.3	0.00	99.26
95.0-96.0	0.0	0.0	309.3	0.00	99.26
96.0-97.0	0.0	0.0	309.3	0.00	99.26
97.0-98.0	0.0	0.0	309.3	0.00	99.26
98.0-99.0	0.0	0.0	309.3	0.00	99.26
99.0-100.0	0.0	0.0	309.3	0.00	99.26
100.0-101.0	0.0	0.0	309.3	0.00	99.26
101.0-102.0	0.0	0.0	309.3	0.00	99.26
102.0-103.0	0.0	0.0	309.3	0.00	99.26
103.0-104.0	0.0	0.0	309.3	0.00	99.26
104.0-105.0	0.0	0.0	309.3	0.00	99.26
105.0-106.0	0.0	0.0	309.3	0.00	99.26
106.0-107.0	0.0	0.0	309.3	0.00	99.26
107.0-108.0	0.0	0.0	309.3	0.00	99.26

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	0.0	0.0	309.3	0.00	99.26
109.0-110.0	0.0	0.0	309.3	0.00	99.26
110.0-111.0	0.0	0.0	309.3	0.00	99.26
111.0-112.0	0.0	0.0	309.3	0.00	99.26
112.0-113.0	0.0	0.0	309.3	0.00	99.26
113.0-114.0	0.0	0.0	309.3	0.00	99.26
114.0-115.0	0.0	0.0	309.3	0.00	99.26
115.0-116.0	0.0	0.0	309.3	0.00	99.26
116.0-117.0	0.0	0.0	309.3	0.00	99.26
117.0-118.0	0.0	0.0	309.3	0.00	99.26
118.0-119.0	0.0	0.0	309.3	0.00	99.26
119.0-120.0	0.0	0.0	309.3	0.00	99.26
120.0-121.0	0.0	0.0	309.3	0.00	99.26
121.0-122.0	0.0	0.0	309.3	0.00	99.26
122.0-123.0	0.0	0.0	309.3	0.00	99.26
123.0-124.0	0.0	0.0	309.3	0.00	99.26
124.0-125.0	0.1	0.0	309.3	0.00	99.27
125.0-126.0	0.1	0.0	309.3	0.00	99.27
126.0-127.0	0.1	0.0	309.3	0.00	99.27
127.0-128.0	0.1	0.0	309.3	0.00	99.27
128.0-129.0	0.1	0.0	309.4	0.00	99.28
129.0-130.0	0.2	0.0	309.4	0.00	99.28
130.0-131.0	0.2	0.0	309.4	0.00	99.29
131.0-132.0	0.2	0.0	309.4	0.01	99.29
132.0-133.0	0.2	0.0	309.4	0.01	99.30
133.0-134.0	0.3	0.0	309.5	0.01	99.31
134.0-135.0	0.3	0.0	309.5	0.01	99.31
135.0-136.0	0.4	0.0	309.5	0.01	99.32
136.0-137.0	0.4	0.0	309.5	0.01	99.33
137.0-138.0	0.5	0.0	309.6	0.01	99.35
138.0-139.0	0.5	0.0	309.6	0.01	99.36
139.0-140.0	0.6	0.0	309.7	0.01	99.37
140.0-141.0	0.6	0.0	309.7	0.01	99.39
141.0-142.0	0.7	0.0	309.7	0.02	99.40
142.0-143.0	0.8	0.1	309.8	0.02	99.42
143.0-144.0	0.8	0.1	309.9	0.02	99.43

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	0.9	0.1	309.9	0.02	99.45
145.0-146.0	0.9	0.1	310.0	0.02	99.47
146.0-147.0	1.0	0.1	310.0	0.02	99.49
147.0-148.0	1.0	0.1	310.1	0.02	99.51
148.0-149.0	1.1	0.1	310.1	0.02	99.53
149.0-150.0	1.1	0.1	310.2	0.02	99.55
150.0-151.0	1.2	0.1	310.3	0.02	99.57
151.0-152.0	1.3	0.1	310.3	0.02	99.59
152.0-153.0	1.3	0.1	310.4	0.02	99.61
153.0-154.0	1.4	0.1	310.5	0.02	99.63
154.0-155.0	1.4	0.1	310.5	0.02	99.66
155.0-156.0	1.5	0.1	310.6	0.02	99.68
156.0-157.0	1.5	0.1	310.7	0.02	99.70
157.0-158.0	1.6	0.1	310.7	0.02	99.72
158.0-159.0	1.6	0.1	310.8	0.02	99.74
159.0-160.0	1.7	0.1	310.9	0.02	99.76
160.0-161.0	1.7	0.1	310.9	0.02	99.78
161.0-162.0	1.8	0.1	311.0	0.02	99.80
162.0-163.0	1.8	0.1	311.1	0.02	99.82
163.0-164.0	1.8	0.1	311.1	0.02	99.84
164.0-165.0	1.9	0.1	311.2	0.02	99.86
165.0-166.0	1.9	0.1	311.2	0.02	99.88
166.0-167.0	2.0	0.1	311.3	0.02	99.89
167.0-168.0	2.0	0.0	311.3	0.02	99.91
168.0-169.0	2.0	0.0	311.4	0.01	99.92
169.0-170.0	2.0	0.0	311.4	0.01	99.93
170.0-171.0	2.1	0.0	311.4	0.01	99.95
171.0-172.0	2.1	0.0	311.5	0.01	99.96
172.0-173.0	2.1	0.0	311.5	0.01	99.97
173.0-174.0	2.1	0.0	311.5	0.01	99.98
174.0-175.0	2.2	0.0	311.6	0.01	99.98
175.0-176.0	2.2	0.0	311.6	0.01	99.99
176.0-177.0	2.2	0.0	311.6	0.00	99.99
177.0-178.0	2.2	0.0	311.6	0.00	100.00
178.0-179.0	2.2	0.0	311.6	0.00	100.00
179.0-180.0	2.2	0.0	311.6	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	449.4	443.3	437.4	434.2	449.4	443.3	437.4	434.2	449.4	
G1.0	441.1	434.6	432.9	435.3	455.5	449.6	440.2	431.7	441.1	
G2.0	432.2	425.5	427.6	435.0	459.6	453.8	441.8	427.7	432.2	
G3.0	422.3	415.4	419.7	433.1	462.5	457.0	441.8	422.9	422.3	
G4.0	411.2	404.0	411.3	429.8	464.1	459.6	440.7	416.0	411.2	
G5.0	399.2	391.9	401.6	425.2	464.2	460.6	438.8	408.4	399.2	
G6.0	385.9	377.3	391.5	419.3	463.5	460.2	435.8	400.0	385.9	
G7.0	369.9	362.4	380.7	411.9	461.0	458.8	430.8	389.4	369.9	
G8.0	354.3	347.1	367.3	404.1	456.4	456.1	425.0	378.3	354.3	
G9.0	338.7	331.8	354.4	395.0	450.6	451.8	417.9	366.5	338.7	
G10.0	323.0	314.9	341.0	385.0	443.0	444.7	409.6	354.1	323.0	
G11.0	304.9	299.4	326.8	373.9	434.3	437.3	398.8	340.7	304.9	
G12.0	288.4	283.6	312.1	360.8	424.5	428.6	388.3	326.7	288.4	
G13.0	272.3	267.7	295.4	348.0	414.2	418.5	377.1	311.1	272.3	
G14.0	256.3	252.1	279.8	335.0	401.7	406.8	364.5	296.4	256.3	
G15.0	240.9	235.5	264.3	320.9	389.7	395.6	351.4	281.5	240.9	
G16.0	224.1	220.4	249.0	306.2	377.5	383.2	337.9	267.0	224.1	
G17.0	209.5	205.8	233.8	290.1	363.3	370.6	322.2	250.6	209.5	
G18.0	195.3	192.2	218.2	275.3	350.3	356.2	307.2	236.4	195.3	
G19.0	181.8	178.9	204.2	260.5	337.1	342.9	292.0	222.5	181.8	
G20.0	167.6	164.9	190.6	246.2	323.0	328.8	276.8	208.5	167.6	
G21.0	155.5	152.9	177.5	231.9	308.4	314.9	260.1	194.7	155.5	
G22.0	144.0	141.3	163.9	216.6	293.8	300.6	245.3	180.2	144.0	
G23.0	133.1	130.4	152.1	203.3	277.6	284.5	230.6	167.6	133.1	
G24.0	123.0	120.2	141.0	190.7	263.0	269.6	216.2	155.6	123.0	
G25.0	112.3	109.7	130.5	178.4	248.8	254.9	202.5	144.2	112.3	
G26.0	103.2	100.9	119.6	165.5	234.7	240.6	187.9	133.4	103.2	
G27.0	94.7	92.8	110.3	154.7	219.6	225.3	175.3	122.3	94.7	
G28.0	86.9	85.1	101.5	144.1	205.9	211.7	163.4	112.8	86.9	
G29.0	79.8	77.5	93.3	134.1	192.6	198.4	151.9	104.0	79.8	
G30.0	72.6	71.2	85.2	123.6	179.6	185.6	140.2	95.0	72.6	
G31.0	66.7	65.4	78.4	114.6	166.3	173.1	130.2	87.6	66.7	
G32.0	61.3	60.0	72.0	106.2	154.9	159.6	120.6	80.5	61.3	
G33.0	56.3	54.6	66.2	98.3	143.9	148.1	111.7	74.1	56.3	
G34.0	51.3	50.2	60.9	89.9	133.8	137.3	103.2	68.3	51.3	
G35.0	47.1	46.2	55.5	83.0	124.2	126.9	94.4	62.9	47.1	
G36.0	43.3	42.5	51.1	76.4	114.3	116.4	87.0	57.5	43.3	

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	39.9	39.0	47.2	70.4	105.6	107.3	80.2	53.1	39.9	
G38.0	36.5	35.5	43.5	64.2	97.4	99.0	73.9	48.9	36.5	
G39.0	33.7	32.6	39.8	59.1	89.8	91.2	67.5	45.0	33.7	
G40.0	31.1	30.0	36.7	54.5	82.2	83.3	62.2	41.3	31.1	
G41.0	28.7	27.6	33.8	50.2	75.7	76.7	57.3	38.1	28.7	
G42.0	26.6	25.1	31.3	46.3	69.6	70.7	52.8	35.2	26.6	
G43.0	24.4	23.1	29.0	42.5	63.4	65.1	48.2	32.3	24.4	
G44.0	22.5	21.3	26.6	39.4	58.2	59.9	44.4	29.9	22.5	
G45.0	20.8	19.5	24.7	36.4	53.5	54.8	40.9	27.7	20.8	
G46.0	19.1	17.9	22.8	33.5	49.4	50.6	37.8	25.7	19.1	
G47.0	17.6	16.6	21.2	31.0	45.5	46.7	34.6	23.7	17.6	
G48.0	16.4	15.4	19.5	28.7	41.9	43.1	31.9	21.9	16.4	
G49.0	15.3	14.3	18.2	26.6	38.4	39.6	29.5	20.3	15.3	
G50.0	14.1	13.2	16.9	24.7	35.4	36.7	27.2	18.9	14.1	
G51.0	13.0	12.4	15.6	22.8	32.8	34.0	25.2	17.6	13.0	
G52.0	12.0	11.5	14.4	21.3	30.1	31.6	23.1	16.3	12.0	
G53.0	11.2	10.8	13.4	19.8	28.0	29.1	21.4	15.3	11.2	
G54.0	10.4	10.2	12.5	18.4	25.9	27.1	19.8	14.3	10.4	
G55.0	9.6	9.4	11.7	17.0	24.1	25.1	18.2	13.2	9.6	
G56.0	9.0	8.8	10.9	15.9	22.2	23.2	16.9	12.3	9.0	
G57.0	8.4	8.2	10.1	14.8	20.6	21.6	15.7	11.3	8.4	
G58.0	7.8	7.5	9.5	13.9	19.3	20.2	14.6	10.4	7.8	
G59.0	7.2	7.1	9.0	12.9	18.0	18.8	13.4	9.7	7.2	
G60.0	6.8	6.6	8.4	12.1	16.7	17.5	12.5	9.0	6.8	
G61.0	6.3	6.2	7.9	11.4	15.5	16.3	11.7	8.4	6.3	
G62.0	5.9	5.7	7.4	10.7	14.6	15.3	11.0	7.8	5.9	
G63.0	5.5	5.3	7.0	10.1	13.6	14.4	10.3	7.3	5.5	
G64.0	5.1	4.9	6.5	9.5	12.8	13.5	9.6	6.8	5.1	
G65.0	4.6	4.5	6.1	8.9	12.0	12.6	9.0	6.4	4.6	
G66.0	4.2	4.1	5.7	8.4	11.3	11.8	8.4	6.0	4.2	
G67.0	3.8	3.7	5.3	7.9	10.6	10.8	7.8	5.6	3.8	
G68.0	3.4	3.2	4.9	7.4	9.9	10.5	7.3	5.1	3.4	
G69.0	3.0	2.8	4.5	7.0	9.3	9.9	6.8	4.8	3.0	
G70.0	2.7	2.4	4.2	6.6	8.8	9.4	6.4	4.4	2.7	
G71.0	2.3	2.1	3.7	6.2	8.3	8.8	6.0	4.1	2.3	
G72.0	1.9	1.8	3.3	5.7	7.8	8.2	5.6	3.7	1.9	
G73.0	1.6	1.4	2.9	5.4	7.3	7.6	5.2	3.2	1.6	

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	1.2	1.1	2.6	5.0	6.9	7.2	4.9	2.9	1.2	
G75.0	0.9	0.8	2.2	4.6	6.5	6.8	4.5	2.5	0.9	
G76.0	0.5	0.5	1.9	4.2	6.1	6.3	4.1	2.1	0.5	
G77.0	0.3	0.2	1.5	3.8	5.7	5.8	3.8	1.8	0.3	
G78.0	0.0	0.0	1.2	3.4	5.3	5.4	3.4	1.4	0.0	
G79.0	0.0	0.0	0.9	3.1	4.9	5.1	3.0	1.1	0.0	
G80.0	0.0	0.0	0.5	2.7	4.4	4.6	2.7	0.8	0.0	
G81.0	0.0	0.0	0.3	2.3	4.1	4.2	2.3	0.4	0.0	
G82.0	0.0	0.0	0.0	2.0	3.7	3.7	2.0	0.2	0.0	
G83.0	0.0	0.0	0.0	1.6	3.3	3.4	1.6	0.0	0.0	
G84.0	0.0	0.0	0.0	1.3	2.9	2.9	1.3	0.0	0.0	
G85.0	0.0	0.0	0.0	0.9	2.5	2.5	1.0	0.0	0.0	
G86.0	0.0	0.0	0.0	0.6	2.2	2.2	0.7	0.0	0.0	
G87.0	0.0	0.0	0.0	0.3	1.9	1.9	0.4	0.0	0.0	
G88.0	0.0	0.0	0.0	0.0	1.5	1.5	0.1	0.0	0.0	
G89.0	0.0	0.0	0.0	0.0	1.2	1.1	0.0	0.0	0.0	
G90.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0	0.0	0.0	
G91.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	
G92.0	0.0	0.0	0.0	0.0	0.2	0.2	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	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	
G99.0	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	
G101.0	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	
G103.0	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	
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G119.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G121.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G122.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
G123.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
G124.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2	
G125.0	0.2	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.2	
G126.0	0.3	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.3	
G127.0	0.3	0.3	0.2	0.0	0.0	0.0	0.0	0.2	0.3	
G128.0	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.1	0.4	
G129.0	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.2	0.4	
G130.0	0.4	0.4	0.3	0.1	0.0	0.0	0.0	0.2	0.4	
G131.0	0.5	0.4	0.3	0.2	0.0	0.0	0.0	0.2	0.5	
G132.0	0.5	0.5	0.4	0.2	0.1	0.0	0.0	0.3	0.5	
G133.0	0.6	0.5	0.4	0.2	0.0	0.0	0.0	0.3	0.6	
G134.0	0.6	0.6	0.5	0.3	0.1	0.1	0.1	0.3	0.6	
G135.0	0.7	0.6	0.5	0.3	0.2	0.1	0.2	0.4	0.7	
G136.0	0.7	0.7	0.6	0.3	0.2	0.2	0.2	0.4	0.7	
G137.0	0.8	0.7	0.6	0.4	0.2	0.2	0.2	0.4	0.8	
G138.0	0.8	0.8	0.7	0.4	0.3	0.3	0.3	0.5	0.8	
G139.0	0.9	0.9	0.7	0.5	0.3	0.3	0.3	0.6	0.9	
G140.0	0.9	0.9	0.8	0.5	0.3	0.3	0.4	0.6	0.9	
G141.0	1.0	1.0	0.8	0.6	0.4	0.4	0.4	0.6	1.0	
G142.0	1.1	1.0	0.9	0.6	0.6	0.4	0.5	0.7	1.1	
G143.0	1.2	1.1	0.9	0.7	0.5	0.5	0.6	0.8	1.2	
G144.0	1.2	1.2	1.0	0.8	0.5	0.5	0.6	0.8	1.2	
G145.0	1.3	1.1	1.1	0.8	0.6	0.6	0.6	0.9	1.3	
G146.0	1.4	1.3	1.1	0.9	0.6	0.6	0.7	1.0	1.4	
G147.0	1.4	1.4	1.2	0.9	0.7	0.7	0.8	1.0	1.4	

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 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	1.5	1.4	1.3	1.0	0.8	0.7	0.8	1.1	1.5	
G149.0	1.5	1.5	1.3	1.0	0.8	0.8	0.9	1.1	1.5	
G150.0	1.6	1.5	1.4	1.0	0.9	0.8	0.9	1.2	1.6	
G151.0	1.7	1.6	1.4	1.2	1.0	0.9	1.0	1.3	1.7	
G152.0	1.7	1.7	1.5	1.2	1.0	1.0	1.1	1.3	1.7	
G153.0	1.8	1.7	1.5	1.3	1.1	1.0	1.1	1.3	1.8	
G154.0	1.8	1.8	1.6	1.3	1.2	1.1	1.2	1.4	1.8	
G155.0	1.9	1.8	1.6	1.4	1.2	1.1	1.2	1.5	1.9	
G156.0	1.9	1.8	1.7	1.4	1.3	1.2	1.3	1.5	1.9	
G157.0	1.9	1.9	1.7	1.5	1.4	1.3	1.4	1.6	1.9	
G158.0	2.0	1.9	1.8	1.5	1.4	1.3	1.4	1.6	2.0	
G159.0	2.0	1.9	1.8	1.6	1.5	1.4	1.5	1.6	2.0	
G160.0	2.0	2.0	1.8	1.6	1.5	1.4	1.5	1.7	2.0	
G161.0	2.1	2.0	1.9	1.7	1.6	1.5	1.6	1.8	2.1	
G162.0	2.1	2.0	1.9	1.8	1.6	1.6	1.6	1.8	2.1	
G163.0	2.1	2.0	2.0	1.8	1.7	1.6	1.7	1.9	2.1	
G164.0	2.2	2.1	2.0	1.5	1.8	1.6	1.7	1.9	2.2	
G165.0	2.2	2.1	2.0	1.8	1.8	1.7	1.8	1.9	2.2	
G166.0	2.2	2.1	2.0	1.9	1.9	1.8	1.8	1.9	2.2	
G167.0	2.2	2.1	2.0	1.9	1.9	1.8	1.9	2.0	2.2	
G168.0	2.3	2.1	2.1	1.9	1.9	1.8	1.9	2.0	2.3	
G169.0	2.3	2.2	2.1	2.0	2.0	1.9	1.9	2.0	2.3	
G170.0	2.3	2.2	2.1	2.0	2.0	1.9	2.0	2.0	2.3	
G171.0	2.3	2.2	2.1	2.0	2.1	2.0	2.0	2.1	2.3	
G172.0	2.3	2.2	2.2	2.0	2.1	2.0	2.0	2.1	2.3	
G173.0	2.3	2.2	2.2	2.1	2.2	2.0	2.0	2.1	2.3	
G174.0	2.3	2.2	2.2	2.1	2.2	2.1	2.1	2.1	2.3	
G175.0	2.3	2.2	2.2	2.1	2.2	2.1	2.1	2.1	2.3	
G176.0	2.3	2.2	2.2	2.2	2.2	2.1	2.2	2.1	2.3	
G177.0	2.3	2.2	2.2	2.2	2.3	2.1	2.2	2.2	2.3	
G178.0	2.3	2.2	2.2	2.2	2.3	2.2	2.2	2.1	2.3	
G179.0	2.3	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.3	
G180.0	2.3	2.2	2.2	2.2	2.3	2.2	2.2	2.2	2.3	

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: