

Report No.:

Test Time: 2022/1/20 09:20

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MR0527KSM-53FL Power: 4.05 W

## Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 437.4 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 458.1 cd

Pos of Max. Intensity: H180 V3

Longitudinal Classification: Very Short

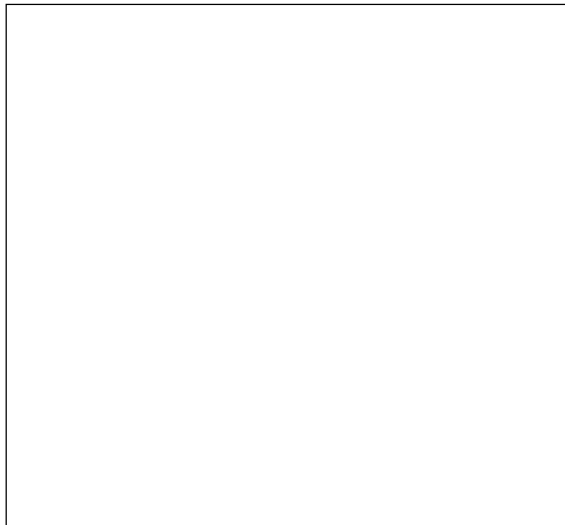
Measurement Flux: 437.4 lm

Downward Ratio: 99%

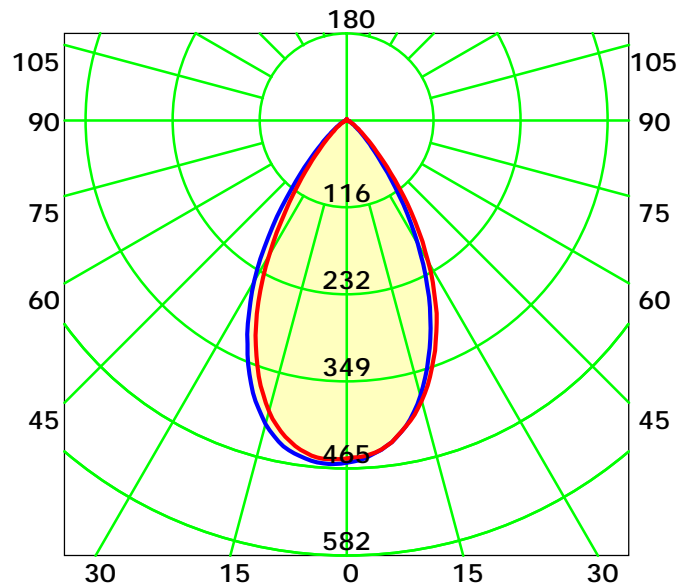
Luminaire Efficacy Rating (LER): 108

Max. Intensity: 460.25 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 58.3° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0: 1.0

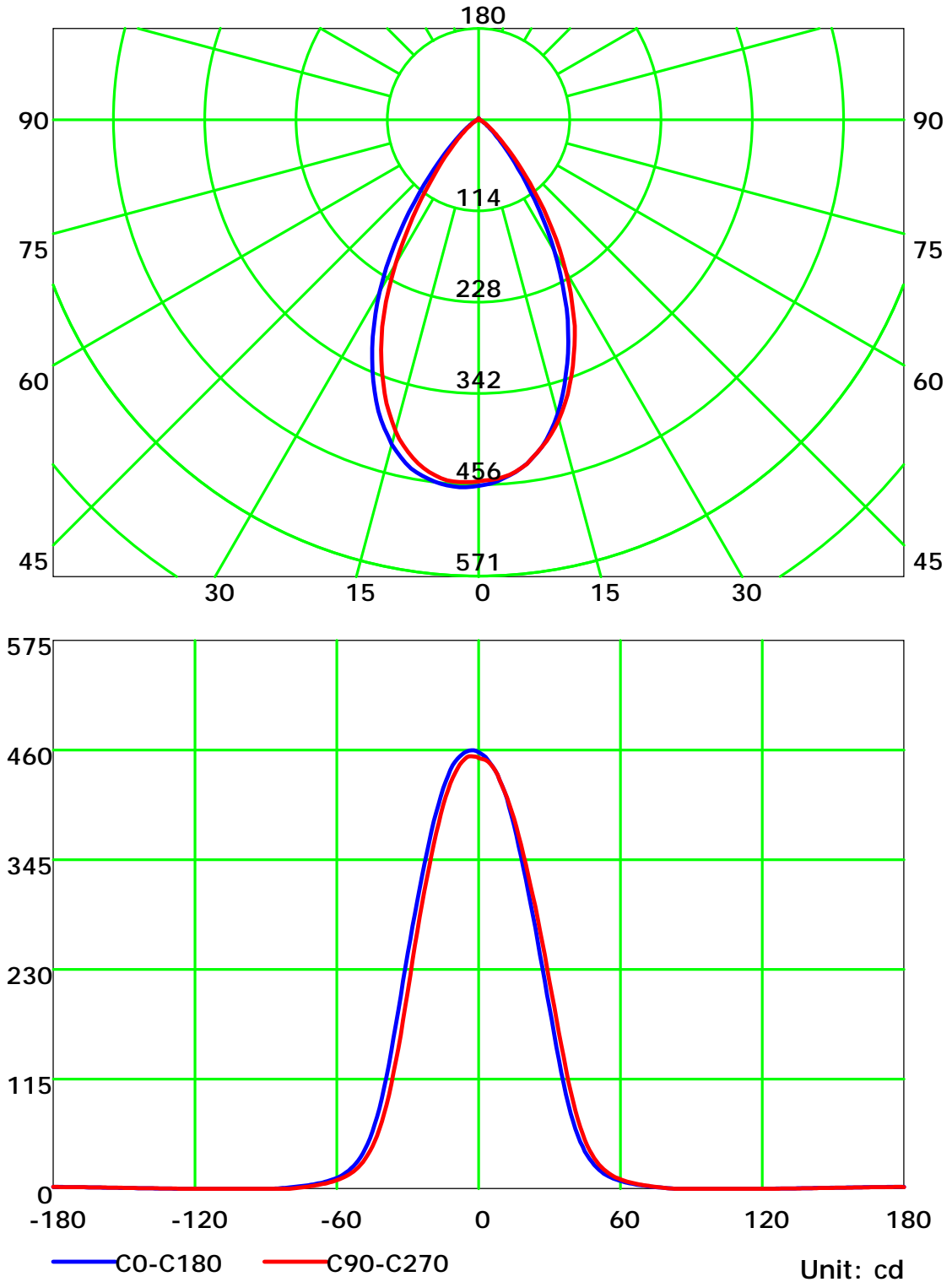
Test Device:

Distance:

Humidity:

Inspector:

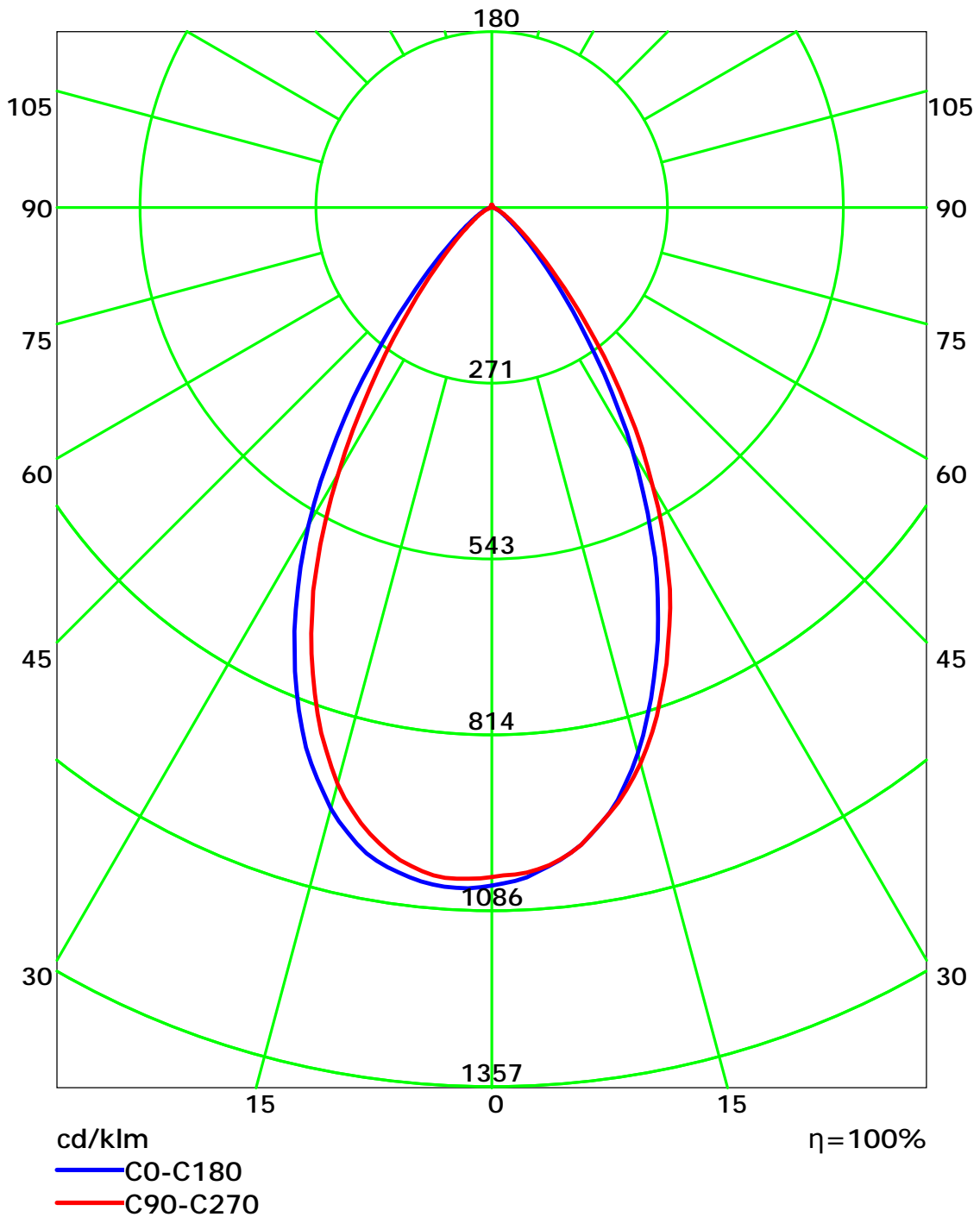
## Luminous Intensity Distribution Curve



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

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

### Luminous Intensity Distribution Curve(cd/klm)



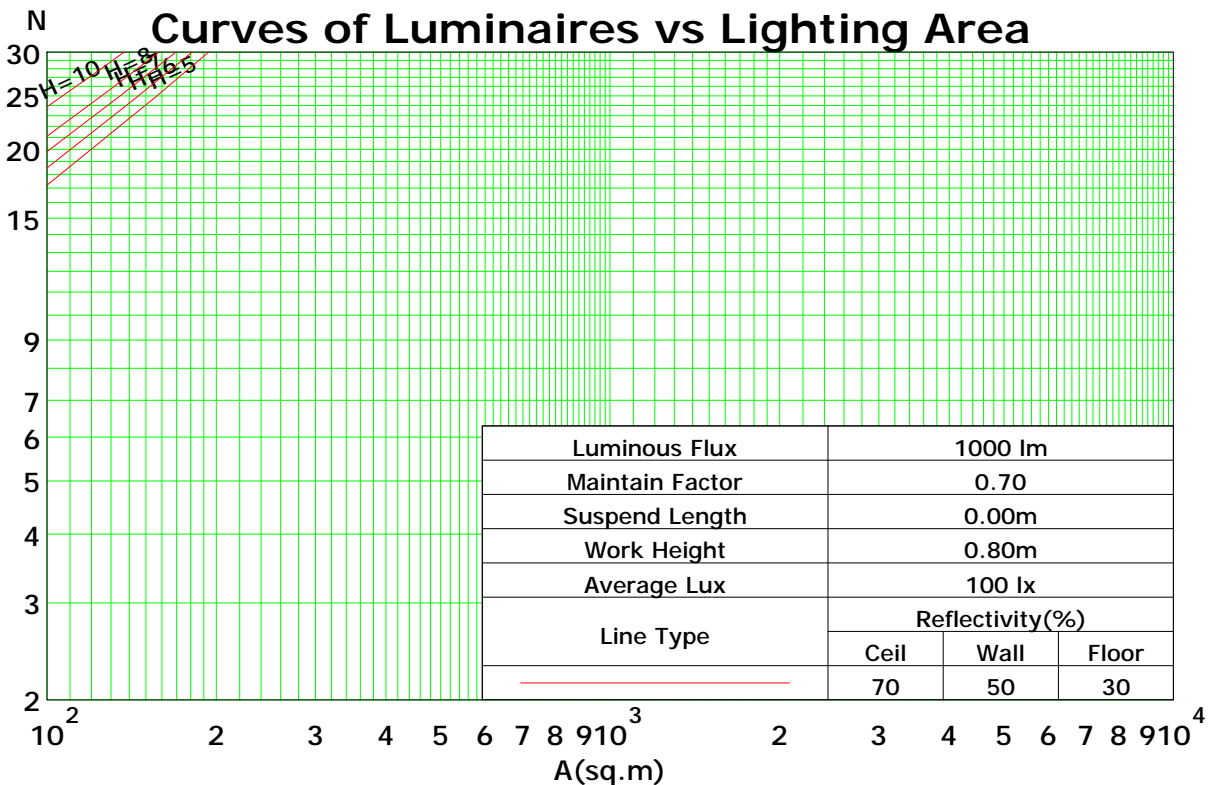
C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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

## Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	99
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92
2	107	102	97	94	104	100	96	92	96	93	90	93	91	88	90	88	86	85
3	101	94	89	84	99	93	88	84	90	86	82	87	84	81	85	82	80	78
4	95	87	81	77	93	86	81	76	84	79	75	82	78	74	80	76	73	72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	66	62	59	57
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54
9	73	63	56	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50
10	69	59	53	49	68	59	53	49	58	52	49	57	52	49	56	52	48	47

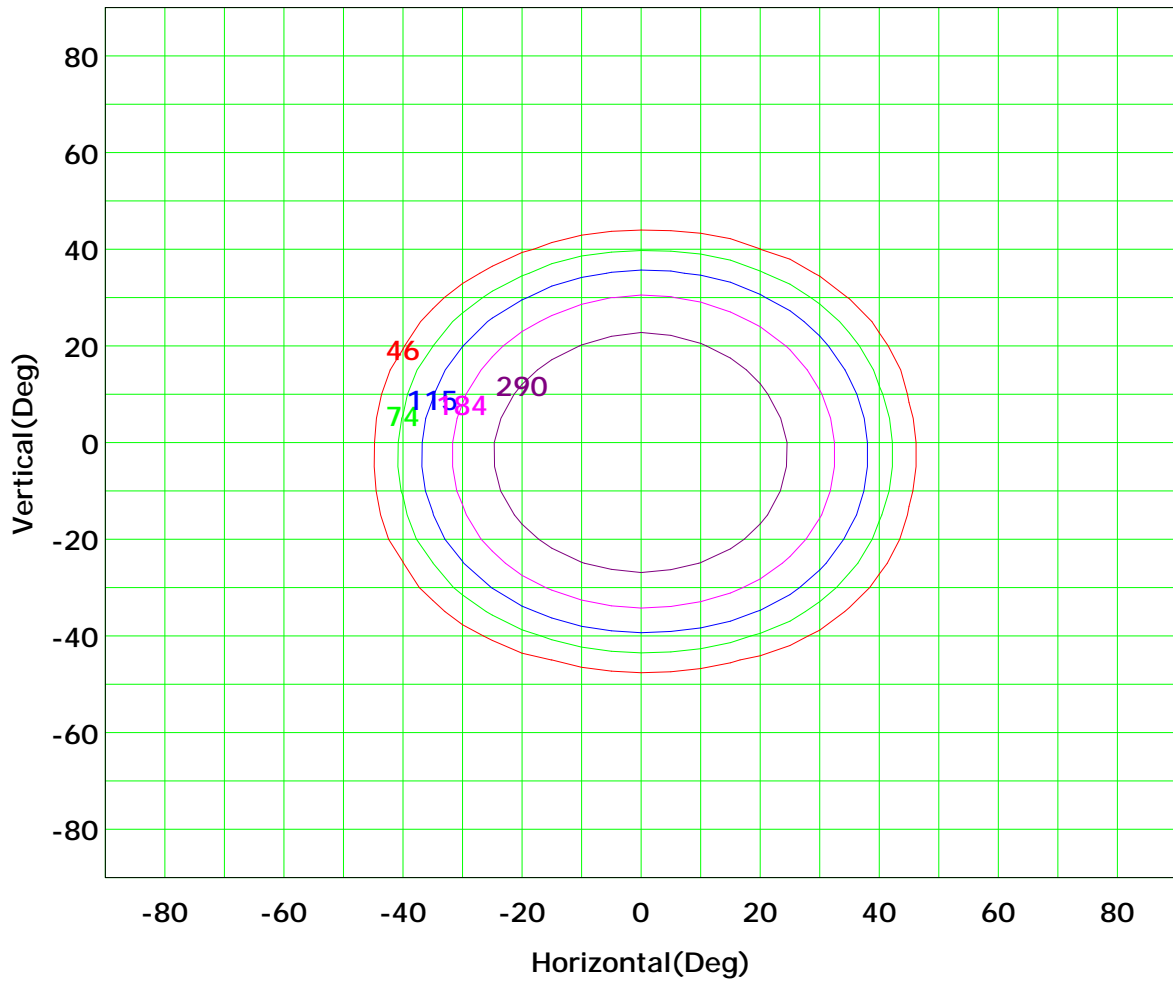
Spacing Criteria (0-180): 0.89  
 Spacing Criteria (90-270): 0.89  
 Spacing Criteria (Diagonal): 0.88



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

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

## Isocandela (rectangle)



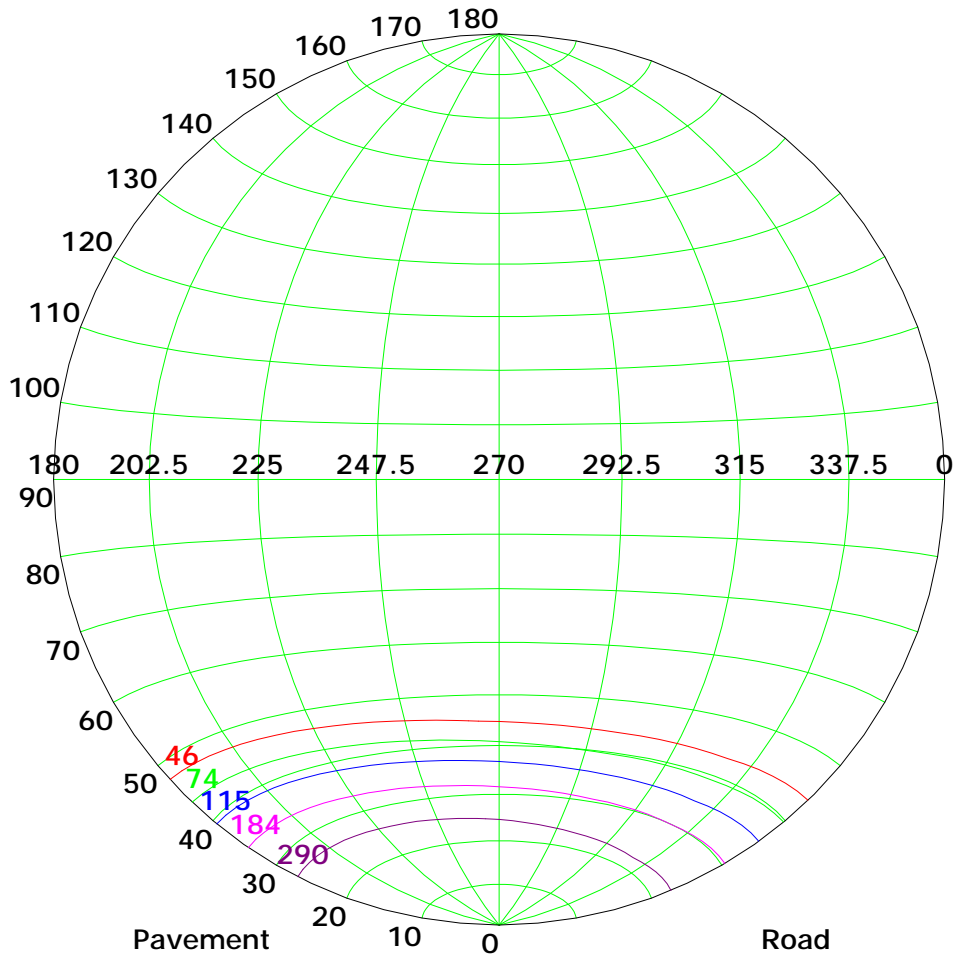
Imax (100%): 460 cd

— ( 10%):	46 cd	— ( 16%):	74 cd
— ( 25%):	115 cd	— ( 40%):	184 cd
— ( 63%):	290 cd	— (100%):	460 cd

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

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

## Isocandela (sphere)



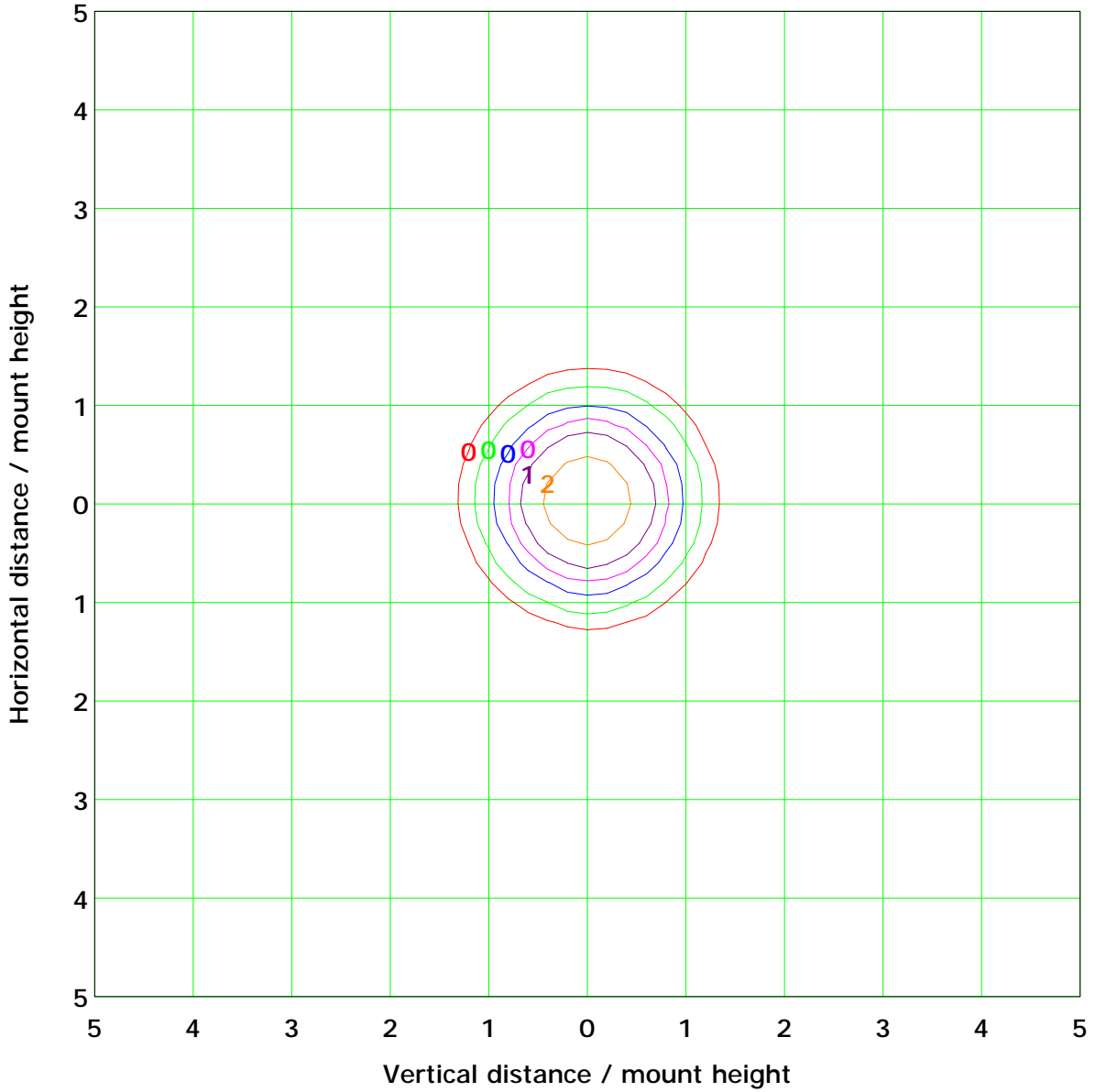
Imax (100%): 460 cd

— ( 10%):	46 cd	— ( 16%):	74 cd
— ( 25%):	115 cd	— ( 40%):	184 cd
— ( 63%):	290 cd	— (100%):	460 cd

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

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

### IsoLux Plot



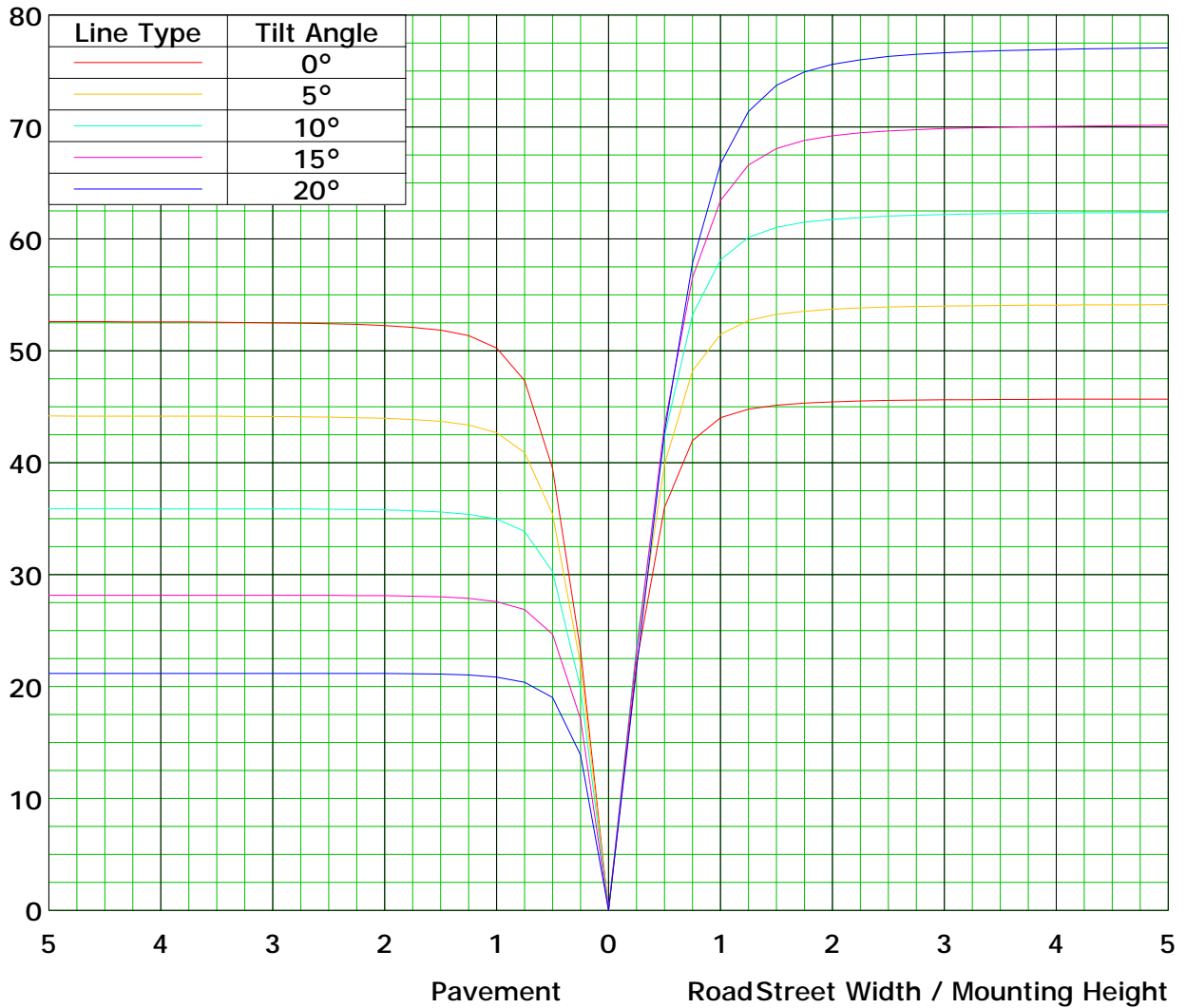
Mounting Height: 10.0m		Max Lux(100%): 4.6 lx	
— ( 1%):	0.0 lx	— ( 2%):	0.1 lx
— ( 5%):	0.2 lx	— (10%):	0.5 lx
— (20%):	0.9 lx	— (50%):	2.3 lx
— (100%):	4.6 lx		

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

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

## Roadway CU Curve

Efficiency(%)



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

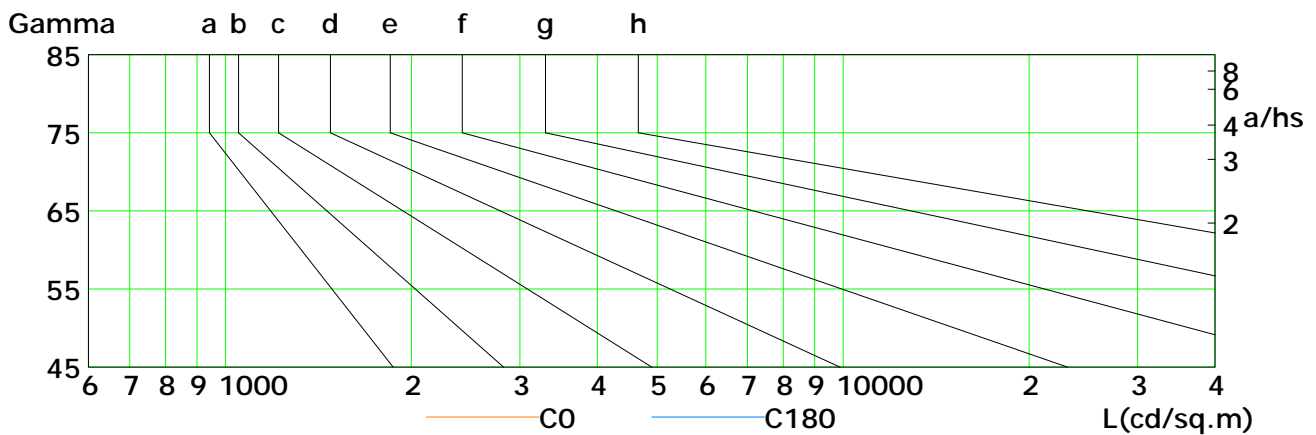
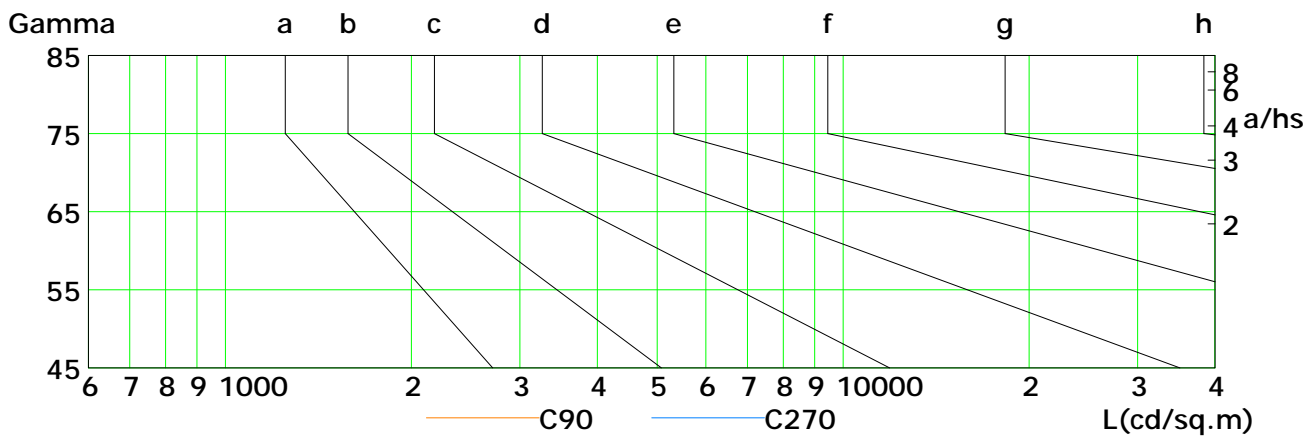
Gamma Plane (°):0.0-180.0:1.0  
 Test Device:  
 Distance:  
 Humidity:  
 Inspector:



## Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300

a b c d e f g h

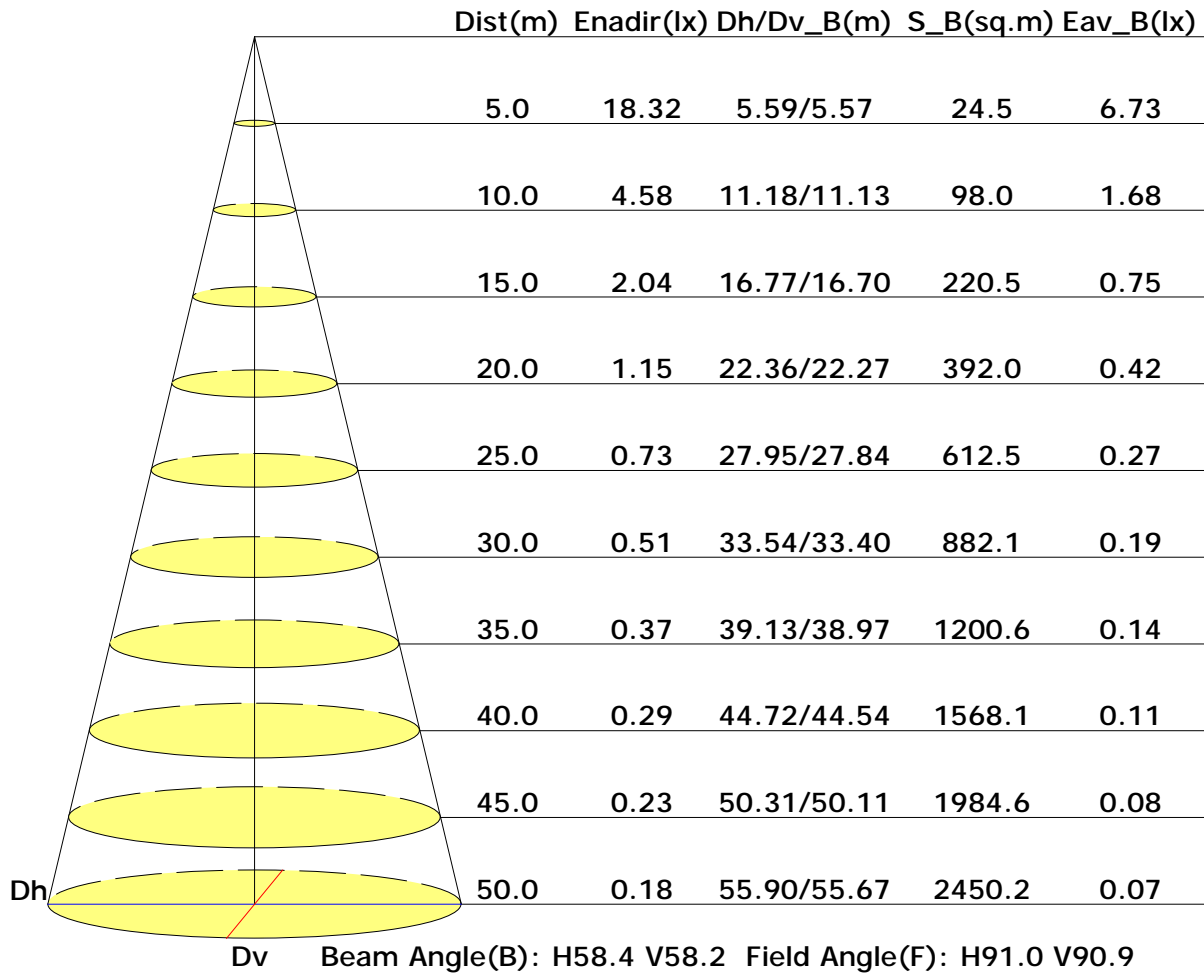


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	39	23	13	8	5	3	2	1	0
C90	52	29	17	10	6	4	2	1	0
C180	60	33	19	12	7	5	3	2	1
C270	45	25	15	9	6	3	1	0	0

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

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

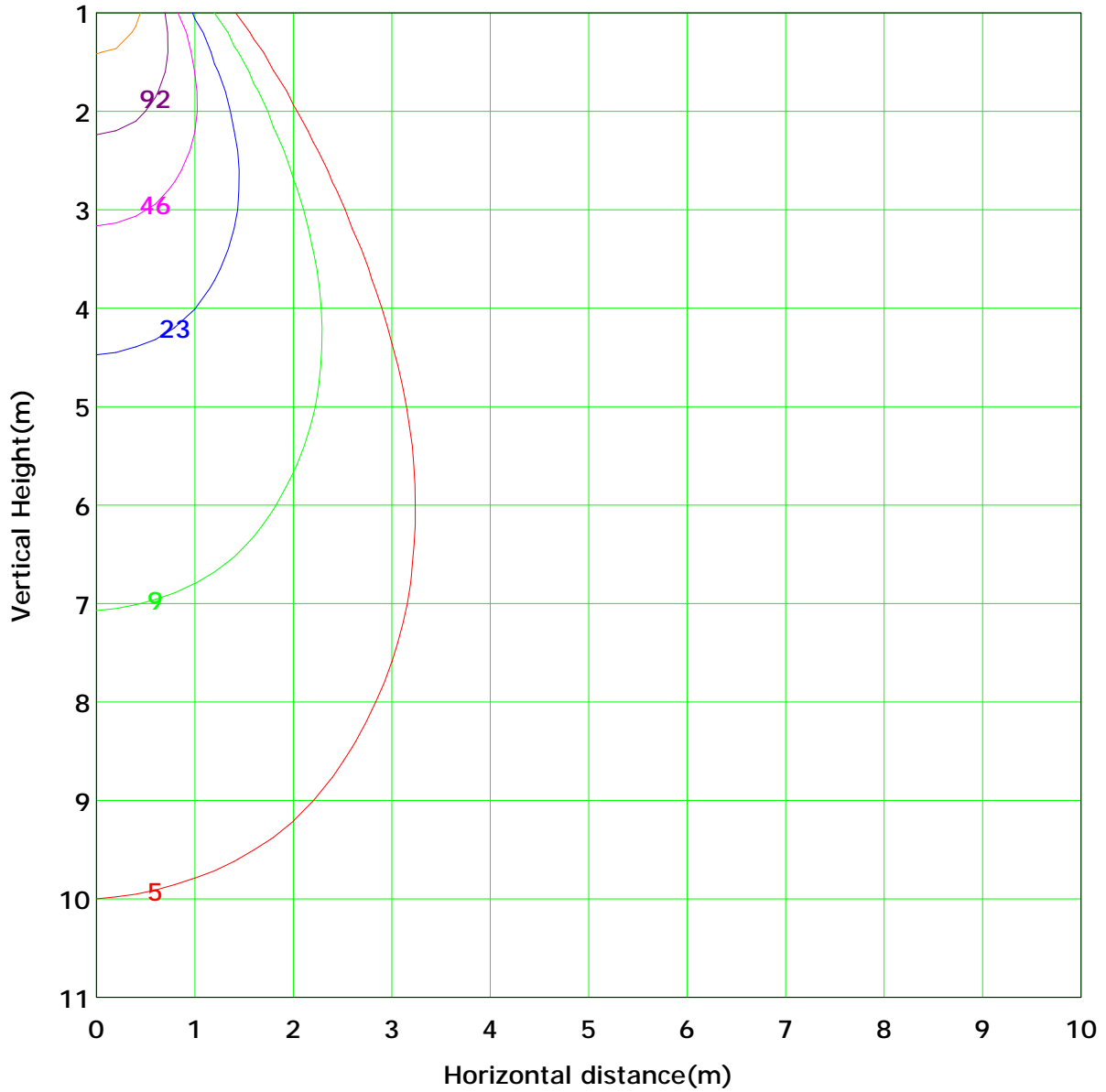
## Illuminance at a Distance



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

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

### Vertical IsoLux Plot



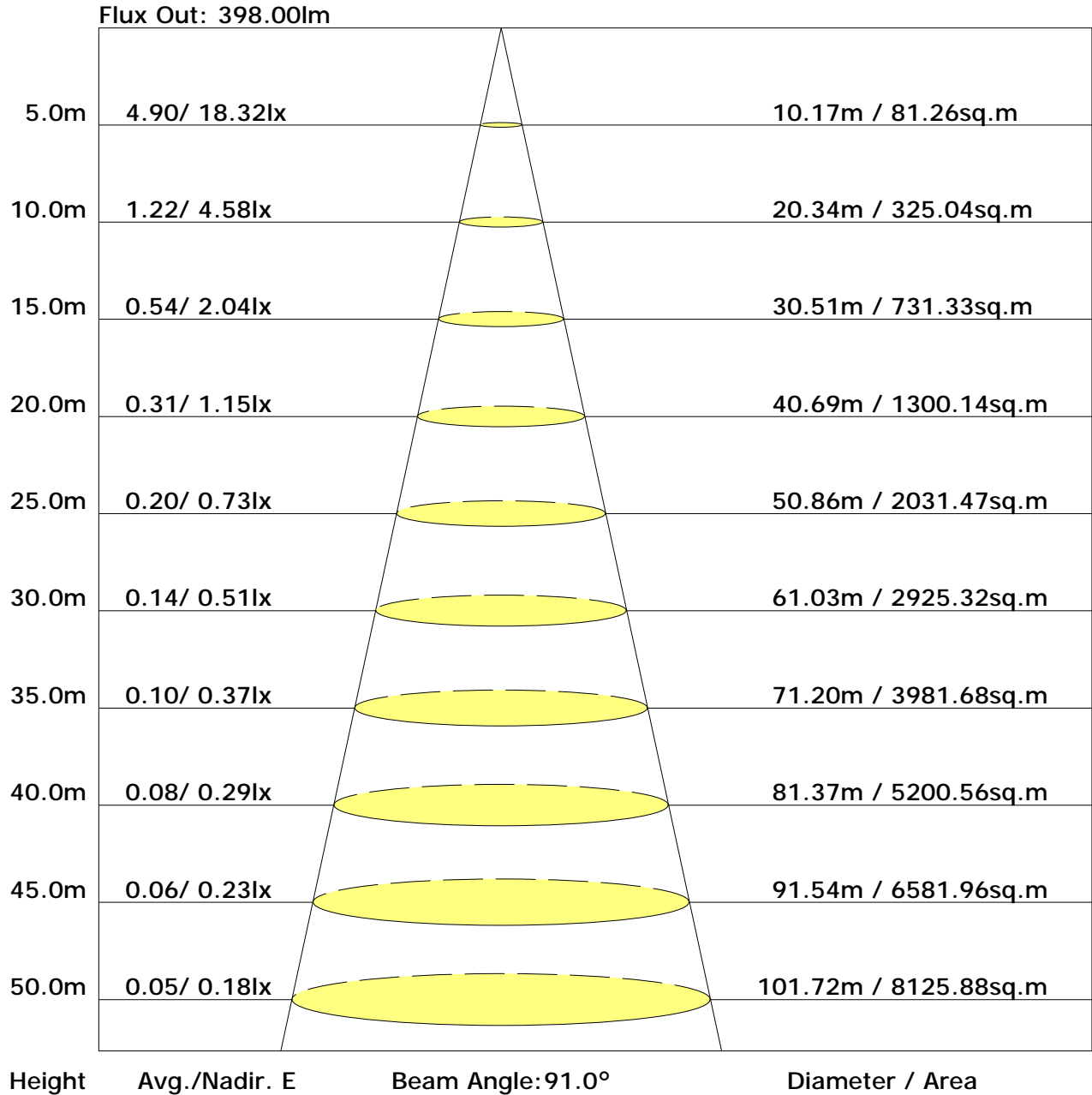
Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 458.1 lx
( 1%): 4.6 lx	( 2%): 9.2 lx	
( 5%): 22.9 lx	( 10%): 45.8 lx	
( 20%): 91.6 lx	( 50%): 229.1 lx	
(100%): 458.1 lx		

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

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



## The Average Illuminance Effective Figure



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

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

## UGR Table

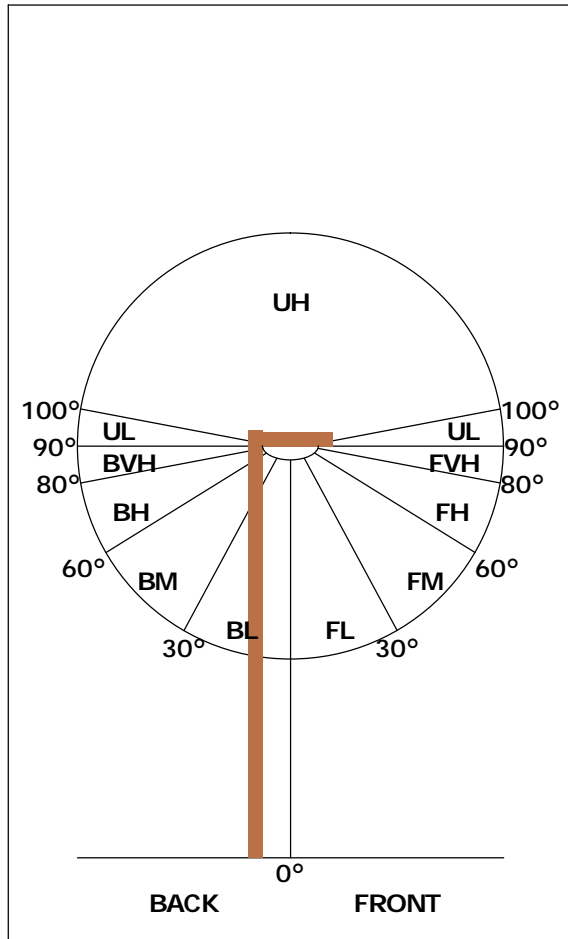
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	1.\$	1.\$	1.\$	1.\$	1.\$

Calculate in accordance with CIE 190:2010

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

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

**FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM**



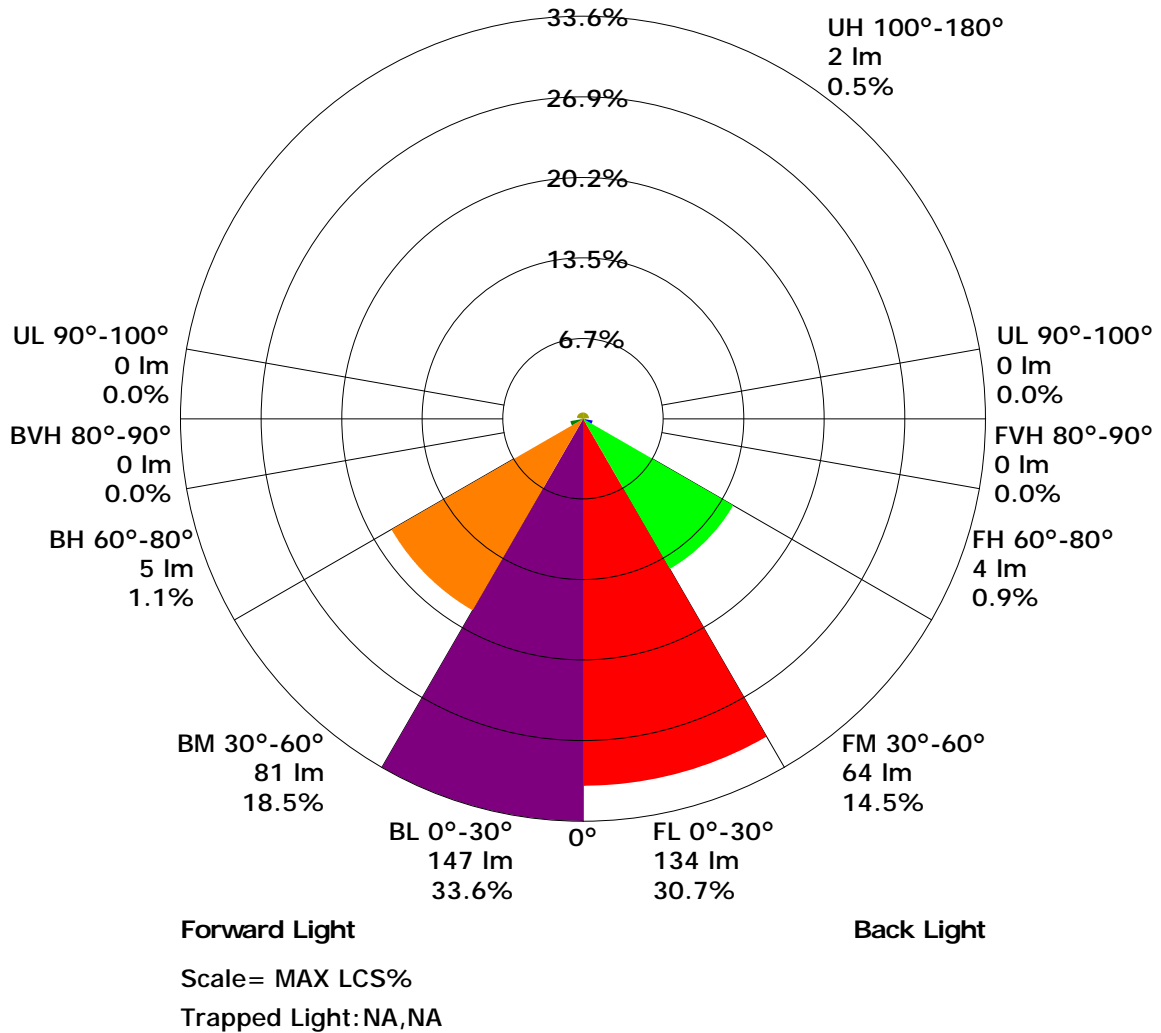
ZONE	LUMENS	% LAMP LUMENS
<b>FORWARD LIGHT</b>	<b>202</b>	<b>46.1</b>
FL ( 0°-30°)	134	30.7
FM (30°-60°)	64	14.5
FH (60°-80°)	4	0.9
FVH (80°-90°)	0	0.0
<b>BACK LIGHT</b>	<b>233</b>	<b>53.3</b>
BL ( 0°-30°)	147	33.6
BM (30°-60°)	81	18.5
BH (60°-80°)	5	1.1
BVH (80°-90°)	0	0.0
<b>UP LIGHT</b>	<b>2</b>	<b>0.5</b>
UL (90°-100°)	0	0.0
UH (100°-180°)	2	0.5
<b>TRAPPED LIGHT</b>	<b>NA</b>	<b>NA</b>

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

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

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

### LCS Graph



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

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



## Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 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	0.78	0.86	0.91	0.95	1.00	1.03	1.05	1.08	1.10	
	0.30		0.73	0.81	0.86	0.90	0.96	0.99	1.02	1.05	1.07	
	0.20		0.69	0.77	0.83	0.87	0.93	0.97	0.99	1.03	1.06	
0.50	0.50	0.20	0.77	0.84	0.89	0.92	0.97	1.00	1.02	1.04	1.05	
	0.30		0.72	0.80	0.85	0.89	0.94	0.97	0.99	1.02	1.04	
	0.20		0.68	0.76	0.82	0.86	0.91	0.94	0.97	1.00	1.02	
0.30	0.50	0.20	0.75	0.83	0.87	0.90	0.94	0.97	0.98	1.00	1.02	
	0.30		0.71	0.79	0.84	0.87	0.91	0.94	0.96	0.99	1.00	
	0.20		0.68	0.76	0.81	0.84	0.89	0.92	0.94	0.97	0.99	
0.00	0.00	0.00	0.66	0.74	0.78	0.82	0.86	0.89	0.91	0.93	0.94	
<p>Rating: 4W Photometrically tested without ceiling board.            Multiply UF values by service correction factors            Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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

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

## Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 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	0.68	0.54	0.45	0.39	0.30	0.25	0.21	0.16	0.13	
	0.30		0.57	0.46	0.40	0.34	0.28	0.23	0.20	0.15	0.13	
	0.20		0.49	0.41	0.35	0.31	0.25	0.21	0.18	0.14	0.12	
0.50	0.50	0.20	0.65	0.51	0.43	0.37	0.28	0.27	0.20	0.15	0.12	
	0.30		0.55	0.45	0.38	0.33	0.26	0.21	0.18	0.14	0.12	
	0.20		0.48	0.39	0.34	0.30	0.24	0.20	0.17	0.13	0.11	
0.30	0.50	0.20	0.62	0.49	0.40	0.34	0.27	0.22	0.18	0.14	0.11	
	0.30		0.53	0.43	0.36	0.31	0.24	0.20	0.17	0.13	0.11	
	0.20		0.47	0.38	0.33	0.29	0.23	0.19	0.16	0.13	0.10	
0.00	0.00	0.00	0.34	0.27	0.22	0.18	0.14	0.11	0.10	0.07	0.06	
<p>Rating: 4W Photometrically tested without ceiling board.            Multiply UF values by service correction factors            Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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

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

## Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 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	0.11	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	0.17	0.18	
0.50	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.21	
	0.30		0.09	0.11	0.12	0.14	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	
0.30	0.50	0.20	0.13	0.15	0.16	0.16	0.17	0.18	0.19	0.19	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	0.16	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	
<p>Rating: 4W Photometrically tested without ceiling board.            Multiply UF values by service correction factors            Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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

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

## Zonal Lumen

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	453.3	0.4	0.4	0.10	0.10
1.0-2.0	453.1	1.3	1.7	0.30	0.40
2.0-3.0	452.7	2.2	3.9	0.50	0.89
3.0-4.0	451.7	3.0	6.9	0.69	1.58
4.0-5.0	450.1	3.9	10.8	0.89	2.47
5.0-6.0	447.9	4.7	15.5	1.08	3.54
6.0-7.0	445.0	5.5	21.0	1.26	4.81
7.0-8.0	441.5	6.3	27.3	1.44	6.25
8.0-9.0	437.4	7.1	34.4	1.62	7.87
9.0-10.0	432.6	7.8	42.3	1.79	9.66
10.0-11.0	427.3	8.5	50.8	1.95	11.61
11.0-12.0	421.5	9.2	60.0	2.11	13.72
12.0-13.0	415.0	9.9	69.9	2.25	15.97
13.0-14.0	407.8	10.4	80.3	2.39	18.36
14.0-15.0	399.9	11.0	91.3	2.51	20.87
15.0-16.0	391.4	11.5	102.8	2.62	23.49
16.0-17.0	382.0	11.9	114.7	2.72	26.21
17.0-18.0	372.2	12.3	126.9	2.81	29.02
18.0-19.0	361.7	12.6	139.5	2.88	31.90
19.0-20.0	350.9	12.8	152.4	2.94	34.83
20.0-21.0	340.0	13.1	165.4	2.98	37.82
21.0-22.0	328.7	13.2	178.6	3.02	40.84
22.0-23.0	316.7	13.3	191.9	3.04	43.88
23.0-24.0	304.0	13.3	205.2	3.04	46.92
24.0-25.0	291.3	13.2	218.5	3.03	49.94
25.0-26.0	278.2	13.1	231.6	3.00	52.95
26.0-27.0	264.4	12.9	244.5	2.96	55.90
27.0-28.0	250.2	12.7	257.2	2.90	58.80
28.0-29.0	235.9	12.3	269.6	2.82	61.62
29.0-30.0	221.6	12.0	281.5	2.74	64.36
30.0-31.0	207.6	11.6	293.1	2.64	67.00
31.0-32.0	193.3	11.1	304.1	2.53	69.53
32.0-33.0	178.8	10.5	314.7	2.41	71.94
33.0-34.0	164.8	10.0	324.7	2.28	74.22
34.0-35.0	151.1	9.4	334.0	2.15	76.36
35.0-36.0	137.9	8.8	342.8	2.01	78.37

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

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

## Zonal Lumen (Continue 1)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	125.3	8.2	351.0	1.87	80.24
37.0-38.0	113.2	7.6	358.6	1.73	81.97
38.0-39.0	101.8	6.9	365.5	1.59	83.56
39.0-40.0	91.4	6.4	371.9	1.46	85.01
40.0-41.0	81.9	5.8	377.7	1.33	86.35
41.0-42.0	73.2	5.3	383.0	1.22	87.56
42.0-43.0	65.2	4.8	387.9	1.10	88.67
43.0-44.0	58.1	4.4	392.2	1.00	89.67
44.0-45.0	51.7	4.0	396.2	0.91	90.58
45.0-46.0	46.0	3.6	399.8	0.82	91.40
46.0-47.0	40.9	3.3	403.1	0.74	92.15
47.0-48.0	36.4	2.9	406.0	0.67	92.82
48.0-49.0	32.5	2.7	408.7	0.61	93.43
49.0-50.0	29.0	2.4	411.1	0.55	93.98
50.0-51.0	25.9	2.2	413.3	0.50	94.48
51.0-52.0	23.2	2.0	415.3	0.45	94.94
52.0-53.0	20.8	1.8	417.1	0.41	95.35
53.0-54.0	18.7	1.7	418.7	0.38	95.73
54.0-55.0	16.9	1.5	420.2	0.34	96.07
55.0-56.0	15.2	1.4	421.6	0.31	96.39
56.0-57.0	13.8	1.3	422.9	0.29	96.68
57.0-58.0	12.5	1.2	424.0	0.26	96.94
58.0-59.0	11.3	1.1	425.1	0.24	97.18
59.0-60.0	10.3	1.0	426.1	0.22	97.40
60.0-61.0	9.4	0.9	427.0	0.21	97.61
61.0-62.0	8.6	0.8	427.8	0.19	97.80
62.0-63.0	7.8	0.8	428.6	0.17	97.97
63.0-64.0	7.2	0.7	429.3	0.16	98.13
64.0-65.0	6.5	0.6	429.9	0.15	98.28
65.0-66.0	6.0	0.6	430.5	0.14	98.42
66.0-67.0	5.5	0.5	431.1	0.13	98.54
67.0-68.0	5.0	0.5	431.6	0.12	98.66
68.0-69.0	4.5	0.5	432.0	0.11	98.77
69.0-70.0	4.1	0.4	432.4	0.10	98.86
70.0-71.0	3.7	0.4	432.8	0.09	98.95
71.0-72.0	3.3	0.3	433.2	0.08	99.03

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

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

## Zonal Lumen (Continue 2)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	3.0	0.3	433.5	0.07	99.10
73.0-74.0	2.7	0.3	433.8	0.06	99.16
74.0-75.0	2.3	0.2	434.0	0.06	99.22
75.0-76.0	2.0	0.2	434.2	0.05	99.27
76.0-77.0	1.7	0.2	434.4	0.04	99.31
77.0-78.0	1.5	0.2	434.6	0.04	99.35
78.0-79.0	1.2	0.1	434.7	0.03	99.38
79.0-80.0	1.0	0.1	434.8	0.02	99.40
80.0-81.0	0.8	0.1	434.9	0.02	99.42
81.0-82.0	0.6	0.1	435.0	0.01	99.43
82.0-83.0	0.4	0.0	435.0	0.01	99.44
83.0-84.0	0.2	0.0	435.0	0.01	99.45
84.0-85.0	0.1	0.0	435.0	0.00	99.45
85.0-86.0	0.1	0.0	435.0	0.00	99.45
86.0-87.0	0.0	0.0	435.0	0.00	99.45
87.0-88.0	0.0	0.0	435.0	0.00	99.46
88.0-89.0	0.0	0.0	435.0	0.00	99.46
89.0-90.0	0.0	0.0	435.0	0.00	99.46
90.0-91.0	0.0	0.0	435.0	0.00	99.46
91.0-92.0	0.0	0.0	435.0	0.00	99.46
92.0-93.0	0.0	0.0	435.0	0.00	99.46
93.0-94.0	0.0	0.0	435.0	0.00	99.46
94.0-95.0	0.0	0.0	435.0	0.00	99.46
95.0-96.0	0.0	0.0	435.0	0.00	99.46
96.0-97.0	0.0	0.0	435.0	0.00	99.46
97.0-98.0	0.0	0.0	435.0	0.00	99.46
98.0-99.0	0.0	0.0	435.0	0.00	99.46
99.0-100.0	0.0	0.0	435.0	0.00	99.46
100.0-101.0	0.0	0.0	435.0	0.00	99.46
101.0-102.0	0.0	0.0	435.0	0.00	99.46
102.0-103.0	0.0	0.0	435.0	0.00	99.46
103.0-104.0	0.0	0.0	435.0	0.00	99.46
104.0-105.0	0.0	0.0	435.0	0.00	99.46
105.0-106.0	0.0	0.0	435.0	0.00	99.46
106.0-107.0	0.0	0.0	435.0	0.00	99.46
107.0-108.0	0.0	0.0	435.0	0.00	99.46

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

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

### Zonal Lumen (Continue 3)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	435.0	0.00	99.46
109.0-110.0	0.0	0.0	435.0	0.00	99.46
110.0-111.0	0.0	0.0	435.0	0.00	99.46
111.0-112.0	0.0	0.0	435.0	0.00	99.46
112.0-113.0	0.0	0.0	435.0	0.00	99.46
113.0-114.0	0.0	0.0	435.0	0.00	99.46
114.0-115.0	0.0	0.0	435.0	0.00	99.46
115.0-116.0	0.0	0.0	435.0	0.00	99.46
116.0-117.0	0.0	0.0	435.0	0.00	99.46
117.0-118.0	0.0	0.0	435.0	0.00	99.46
118.0-119.0	0.0	0.0	435.0	0.00	99.46
119.0-120.0	0.1	0.0	435.1	0.00	99.46
120.0-121.0	0.1	0.0	435.1	0.00	99.46
121.0-122.0	0.1	0.0	435.1	0.00	99.46
122.0-123.0	0.1	0.0	435.1	0.00	99.46
123.0-124.0	0.2	0.0	435.1	0.00	99.47
124.0-125.0	0.2	0.0	435.1	0.00	99.47
125.0-126.0	0.2	0.0	435.1	0.00	99.48
126.0-127.0	0.2	0.0	435.2	0.00	99.48
127.0-128.0	0.3	0.0	435.2	0.01	99.49
128.0-129.0	0.3	0.0	435.2	0.01	99.49
129.0-130.0	0.3	0.0	435.2	0.01	99.50
130.0-131.0	0.4	0.0	435.3	0.01	99.51
131.0-132.0	0.4	0.0	435.3	0.01	99.51
132.0-133.0	0.4	0.0	435.3	0.01	99.52
133.0-134.0	0.5	0.0	435.4	0.01	99.53
134.0-135.0	0.5	0.0	435.4	0.01	99.54
135.0-136.0	0.5	0.0	435.4	0.01	99.55
136.0-137.0	0.6	0.0	435.5	0.01	99.56
137.0-138.0	0.6	0.0	435.5	0.01	99.57
138.0-139.0	0.6	0.0	435.6	0.01	99.58
139.0-140.0	0.7	0.0	435.6	0.01	99.59
140.0-141.0	0.7	0.0	435.7	0.01	99.60
141.0-142.0	0.7	0.1	435.7	0.01	99.61
142.0-143.0	0.8	0.1	435.8	0.01	99.62
143.0-144.0	0.8	0.1	435.8	0.01	99.64

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

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

### Zonal Lumen (Continue 4)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.9	0.1	435.9	0.01	99.65
145.0-146.0	0.9	0.1	435.9	0.01	99.66
146.0-147.0	1.0	0.1	436.0	0.01	99.68
147.0-148.0	1.0	0.1	436.1	0.01	99.69
148.0-149.0	1.0	0.1	436.1	0.01	99.70
149.0-150.0	1.1	0.1	436.2	0.01	99.72
150.0-151.0	1.1	0.1	436.2	0.01	99.73
151.0-152.0	1.2	0.1	436.3	0.01	99.74
152.0-153.0	1.2	0.1	436.4	0.01	99.76
153.0-154.0	1.2	0.1	436.4	0.01	99.77
154.0-155.0	1.3	0.1	436.5	0.01	99.79
155.0-156.0	1.3	0.1	436.5	0.01	99.80
156.0-157.0	1.3	0.1	436.6	0.01	99.81
157.0-158.0	1.4	0.1	436.7	0.01	99.83
158.0-159.0	1.4	0.1	436.7	0.01	99.84
159.0-160.0	1.5	0.1	436.8	0.01	99.85
160.0-161.0	1.5	0.1	436.8	0.01	99.86
161.0-162.0	1.5	0.1	436.9	0.01	99.88
162.0-163.0	1.6	0.1	436.9	0.01	99.89
163.0-164.0	1.6	0.1	437.0	0.01	99.90
164.0-165.0	1.7	0.0	437.0	0.01	99.91
165.0-166.0	1.7	0.0	437.1	0.01	99.92
166.0-167.0	1.7	0.0	437.1	0.01	99.93
167.0-168.0	1.8	0.0	437.2	0.01	99.94
168.0-169.0	1.8	0.0	437.2	0.01	99.95
169.0-170.0	1.8	0.0	437.2	0.01	99.96
170.0-171.0	1.8	0.0	437.3	0.01	99.97
171.0-172.0	1.9	0.0	437.3	0.01	99.97
172.0-173.0	1.9	0.0	437.3	0.01	99.98
173.0-174.0	1.9	0.0	437.4	0.01	99.98
174.0-175.0	1.9	0.0	437.4	0.00	99.99
175.0-176.0	2.0	0.0	437.4	0.00	99.99
176.0-177.0	2.0	0.0	437.4	0.00	100.00
177.0-178.0	2.0	0.0	437.4	0.00	100.00
178.0-179.0	2.0	0.0	437.4	0.00	100.00
179.0-180.0	2.0	0.0	437.4	0.00	100.00

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

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



## Candlepower Table

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G0.0	458.1	455.6	453.7	452.2	451.0	449.8	458.1	455.6	453.7	452.2
G1.0	456.7	453.9	452.0	451.3	450.9	450.4	459.2	457.0	455.3	453.3
G2.0	455.1	452.5	451.0	450.9	450.8	450.9	460.1	457.9	456.0	453.7
G3.0	453.1	450.5	450.1	449.9	450.1	450.8	460.3	458.7	456.7	454.0
G4.0	449.7	448.0	447.8	448.1	449.1	450.4	459.9	459.0	456.6	453.9
G5.0	446.5	445.2	444.7	446.0	447.8	449.3	459.1	458.6	455.7	452.9
G6.0	443.2	440.5	440.1	442.8	445.5	447.4	457.8	457.5	454.5	450.9
G7.0	439.1	435.6	435.4	439.1	442.8	444.3	455.9	455.8	452.7	448.1
G8.0	434.7	430.2	430.1	434.7	439.8	441.6	453.6	453.5	450.0	445.2
G9.0	428.8	424.3	423.8	428.6	436.2	438.9	451.2	449.5	446.3	441.1
G10.0	422.9	417.3	417.8	422.8	431.1	435.5	448.1	444.6	442.6	436.4
G11.0	416.7	410.1	411.2	416.8	425.7	431.5	444.5	439.6	438.3	431.1
G12.0	409.3	402.5	404.5	410.9	419.8	427.2	439.3	434.2	433.2	425.1
G13.0	400.2	393.9	396.8	403.9	413.1	422.4	433.4	428.9	427.6	418.5
G14.0	391.3	385.7	388.8	396.4	405.4	417.1	427.3	422.0	419.8	411.3
G15.0	381.5	377.3	380.2	388.6	398.7	410.8	420.4	415.0	412.7	403.0
G16.0	370.9	367.6	371.0	379.7	389.5	403.3	411.9	406.9	404.5	393.2
G17.0	359.7	356.7	361.1	370.6	380.7	395.4	403.7	397.9	395.9	383.2
G18.0	348.6	345.4	351.5	361.1	371.6	387.0	395.0	387.9	386.5	373.3
G19.0	336.3	333.6	340.5	350.2	361.8	378.4	385.8	378.0	375.2	361.9
G20.0	324.7	322.4	329.4	340.1	352.8	367.9	374.9	367.7	364.4	349.6
G21.0	312.8	310.8	319.0	329.8	343.5	358.3	363.9	357.3	353.7	337.7
G22.0	299.8	299.7	307.6	318.0	333.6	348.1	352.1	346.0	342.3	325.1
G23.0	286.9	286.0	294.2	307.2	321.9	335.9	340.3	334.8	329.7	312.5
G24.0	274.2	273.8	281.5	296.3	310.3	323.8	327.4	321.8	315.2	298.3
G25.0	260.8	261.9	269.5	284.7	298.2	311.5	315.6	309.5	301.4	285.7
G26.0	245.7	248.9	256.3	271.0	285.9	298.3	302.3	297.0	287.2	269.9
G27.0	232.2	233.9	241.8	258.2	273.5	285.2	288.4	284.0	272.6	255.4
G28.0	218.0	220.4	228.9	245.4	259.8	270.3	275.3	268.5	257.8	239.4
G29.0	203.9	206.1	215.9	232.3	246.2	256.6	261.5	253.9	240.9	223.6
G30.0	190.5	192.6	202.8	217.8	232.9	243.0	247.9	238.8	225.7	207.7
G31.0	177.1	179.4	190.2	204.5	220.0	229.6	232.9	224.6	210.5	192.5
G32.0	162.0	165.0	176.0	191.6	205.2	214.6	218.2	209.6	195.1	177.1
G33.0	148.7	152.2	163.0	178.3	191.8	201.1	202.6	192.9	179.2	161.6
G34.0	135.8	139.5	150.1	164.0	178.9	187.7	187.4	178.1	164.2	147.5
G35.0	122.0	126.4	136.4	151.0	164.1	172.7	173.0	163.4	150.4	134.8
G36.0	110.3	114.8	124.5	138.6	150.7	159.1	158.9	148.9	136.7	122.2

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

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

## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G37.0	99.3	103.8	113.1	126.1	138.1	145.7	144.9	134.0	124.0	110.0
G38.0	89.1	93.1	102.4	113.0	125.2	132.6	130.5	121.6	112.0	98.2
G39.0	78.9	82.9	91.6	102.1	112.1	119.4	117.7	109.9	99.4	87.9
G40.0	70.6	74.1	82.3	91.8	100.8	109.0	106.3	99.0	89.4	79.0
G41.0	63.0	66.1	73.6	82.4	90.1	97.0	95.3	88.9	80.3	70.7
G42.0	56.2	59.1	65.8	73.4	80.9	87.3	84.6	78.7	71.2	63.1
G43.0	49.6	52.4	58.7	65.0	72.3	77.9	75.6	70.3	63.7	55.8
G44.0	44.5	46.3	52.0	57.9	64.1	69.5	67.6	62.6	56.8	49.8
G45.0	39.4	41.3	46.5	51.6	57.3	61.3	60.3	55.8	50.7	44.5
G46.0	35.3	37.1	41.5	45.5	51.0	54.6	53.2	49.3	44.6	39.8
G47.0	31.3	33.2	37.0	40.4	45.6	48.8	47.2	44.1	39.8	35.6
G48.0	28.1	29.3	32.6	36.0	40.0	43.1	42.1	39.4	35.6	31.6
G49.0	25.2	26.3	29.1	32.2	35.6	38.5	37.5	35.3	31.9	28.3
G50.0	22.6	23.6	26.0	28.7	31.7	34.5	33.2	31.3	28.4	25.4
G51.0	20.0	21.0	23.2	25.4	28.3	30.8	29.7	28.1	25.5	22.5
G52.0	17.9	18.9	20.8	22.8	25.0	27.3	26.6	25.3	22.9	20.3
G53.0	16.1	17.1	18.7	20.5	22.4	24.5	24.0	22.7	20.7	18.3
G54.0	14.6	15.5	16.9	18.5	20.3	21.9	21.6	20.2	18.7	16.6
G55.0	13.2	14.0	15.3	16.5	18.2	19.8	19.2	18.2	16.8	14.8
G56.0	12.0	12.8	13.8	14.9	16.3	17.8	17.3	16.4	15.2	13.4
G57.0	11.0	11.6	12.6	13.5	14.7	16.0	15.6	14.9	13.8	12.2
G58.0	10.0	10.6	11.4	12.1	13.3	14.5	14.1	13.5	12.5	11.1
G59.0	9.2	9.6	10.3	11.1	12.1	13.1	12.7	12.2	11.4	10.1
G60.0	8.4	8.8	9.4	10.1	10.9	11.8	11.5	11.2	10.3	9.2
G61.0	7.7	8.1	8.6	9.2	10.0	10.8	10.6	10.2	9.4	8.3
G62.0	7.1	7.4	7.9	8.4	9.1	9.9	9.7	9.3	8.5	7.6
G63.0	6.4	6.8	7.3	7.6	8.4	9.0	8.8	8.5	7.8	6.8
G64.0	5.9	6.2	6.6	6.9	7.6	8.2	8.1	7.8	7.2	6.2
G65.0	5.4	5.7	6.0	6.3	7.0	7.6	7.4	7.2	6.5	5.7
G66.0	5.0	5.2	5.5	5.7	6.4	6.9	6.7	6.5	5.9	5.1
G67.0	4.5	4.8	5.1	5.2	5.8	6.4	6.2	6.0	5.3	4.6
G68.0	4.1	4.3	4.6	4.7	5.3	5.8	5.7	5.5	4.8	4.2
G69.0	3.8	4.0	4.2	4.3	4.9	5.3	5.2	5.1	4.4	3.7
G70.0	3.4	3.6	3.8	3.9	4.4	4.9	4.8	4.6	4.0	3.3
G71.0	3.1	3.2	3.4	3.5	4.0	4.4	4.3	4.2	3.5	2.9
G72.0	2.8	2.9	3.0	3.1	3.6	4.1	3.9	3.8	3.1	2.5
G73.0	2.5	2.6	2.7	2.8	3.2	3.7	3.6	3.5	2.7	2.2

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

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

## Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G74.0	2.2	2.3	2.4	2.5	2.9	3.3	3.2	3.1	2.4	1.8
G75.0	1.9	2.0	2.1	2.1	2.5	3.0	2.9	2.7	2.1	1.5
G76.0	1.6	1.8	1.8	1.8	2.2	2.7	2.6	2.4	1.8	1.2
G77.0	1.4	1.6	1.6	1.5	1.9	2.4	2.3	2.2	1.5	0.9
G78.0	1.2	1.3	1.3	1.2	1.5	2.1	2.0	1.9	1.1	0.7
G79.0	1.1	1.1	1.0	1.0	1.2	1.8	1.8	1.6	0.9	0.4
G80.0	0.8	0.9	0.8	0.8	1.0	1.5	1.5	1.4	0.7	0.2
G81.0	0.6	0.7	0.6	0.5	0.7	1.3	1.3	1.1	0.4	0.0
G82.0	0.4	0.5	0.4	0.3	0.5	1.0	1.1	0.9	0.2	0.0
G83.0	0.2	0.3	0.2	0.1	0.3	0.8	0.9	0.6	0.0	0.0
G84.0	0.0	0.2	0.0	0.0	0.0	0.5	0.7	0.4	0.0	0.0
G85.0	0.0	0.1	0.0	0.0	0.0	0.3	0.5	0.3	0.0	0.0
G86.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0
G87.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
G88.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G91.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G93.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G95.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G101.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G103.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G104.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G106.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G107.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G109.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G110.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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

### Candlepower Table (Continue 3)

Unit: cd

GVC	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G113.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G115.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G117.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G118.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G119.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
G120.0	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1
G121.0	0.2	0.2	0.1	0.1	0.0	0.0	0.1	0.0	0.1	0.1
G122.0	0.2	0.2	0.2	0.1	0.0	0.0	0.1	0.1	0.1	0.2
G123.0	0.2	0.4	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2
G124.0	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2
G125.0	0.3	0.3	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2
G126.0	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
G127.0	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.3
G128.0	0.4	0.3	0.3	0.3	0.2	0.2	0.3	0.2	0.3	0.3
G129.0	0.4	0.4	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.3
G130.0	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
G131.0	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4
G132.0	0.5	0.5	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4
G133.0	0.5	0.5	0.5	0.4	0.4	0.3	0.4	0.4	0.4	0.4
G134.0	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.5
G135.0	0.6	0.6	0.6	0.5	0.4	0.4	0.4	0.4	0.5	0.5
G136.0	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6
G137.0	0.7	0.7	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.6
G138.0	0.7	0.7	0.6	0.6	0.6	0.5	0.6	0.6	0.6	0.6
G139.0	0.7	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6
G140.0	0.8	0.8	0.7	0.7	0.6	0.6	0.6	0.6	0.6	0.7
G141.0	0.8	0.8	0.8	0.7	0.7	0.6	0.7	0.7	0.7	0.7
G142.0	0.9	0.7	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.8
G143.0	0.9	0.9	0.8	0.8	0.8	0.7	0.8	0.7	0.8	0.8
G144.0	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.9
G145.0	1.0	1.0	0.9	0.9	0.8	0.8	0.9	0.8	0.8	0.9
G146.0	1.0	1.0	1.0	0.9	0.9	0.8	0.9	0.9	0.9	0.9
G147.0	1.1	1.1	1.0	1.0	0.9	0.9	0.9	0.9	0.9	1.0

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device:

Distance:

Humidity:

Inspector:

### Candlepower Table (Continue 4)

Unit: cd

GVC	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G148.0	1.1	1.1	1.1	1.0	0.9	0.9	1.0	0.9	0.9	1.0
G149.0	1.2	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1
G150.0	1.2	1.2	1.1	1.1	1.0	1.0	1.1	1.0	1.0	1.1
G151.0	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
G152.0	1.3	1.3	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.2
G153.0	1.3	1.3	1.3	1.2	1.1	1.1	1.2	1.1	1.2	1.2
G154.0	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3
G155.0	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3
G156.0	1.5	1.4	1.4	1.3	1.2	1.3	1.3	1.3	1.3	1.4
G157.0	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.1	1.4
G158.0	1.5	1.5	1.5	1.4	1.3	1.3	1.4	1.3	1.4	1.5
G159.0	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.5
G160.0	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.5
G161.0	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5
G162.0	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6
G163.0	1.7	1.7	1.6	1.6	1.5	1.5	1.6	1.5	1.6	1.6
G164.0	1.7	1.7	1.7	1.6	1.6	1.5	1.6	1.6	1.6	1.6
G165.0	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.7
G166.0	1.8	1.8	1.7	1.7	1.6	1.6	1.7	1.6	1.7	1.7
G167.0	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
G168.0	1.8	1.8	1.8	1.8	1.7	1.7	1.8	1.7	1.7	1.8
G169.0	1.9	1.9	1.8	1.8	1.8	1.7	1.8	1.8	1.8	1.8
G170.0	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
G171.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.9
G172.0	2.0	1.9	1.9	1.9	1.8	1.8	1.9	1.9	1.9	1.9
G173.0	2.0	1.9	1.9	1.9	1.9	1.8	1.9	1.9	1.9	1.9
G174.0	2.0	2.0	1.9	2.0	1.9	1.9	1.9	1.9	1.9	1.9
G175.0	2.0	2.0	2.0	2.0	1.9	1.9	2.0	1.9	1.9	2.0
G176.0	2.0	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.0
G177.0	2.0	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.0	2.0
G178.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
G179.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
G180.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

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

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

### Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	451.0	449.8	458.1							
G1.0	450.9	448.7	456.7							
G2.0	450.2	446.7	455.1							
G3.0	449.4	444.6	453.1							
G4.0	448.1	441.6	449.7							
G5.0	446.2	438.5	446.5							
G6.0	443.9	434.8	443.2							
G7.0	440.6	430.5	439.1							
G8.0	437.0	426.2	434.7							
G9.0	431.8	420.6	428.8							
G10.0	426.6	414.9	422.9							
G11.0	420.5	408.5	416.7							
G12.0	413.8	401.6	409.3							
G13.0	406.0	394.7	400.2							
G14.0	396.1	385.4	391.3							
G15.0	386.5	376.6	381.5							
G16.0	376.9	366.8	370.9							
G17.0	366.4	355.4	359.7							
G18.0	354.6	343.7	348.6							
G19.0	343.5	330.5	336.3							
G20.0	332.9	318.3	324.7							
G21.0	321.2	306.7	312.8							
G22.0	308.2	294.7	299.8							
G23.0	293.9	282.5	286.9							
G24.0	280.4	268.5	274.2							
G25.0	266.1	255.3	260.8							
G26.0	251.8	241.8	245.7							
G27.0	236.9	227.2	232.2							
G28.0	221.1	211.8	218.0							
G29.0	206.2	197.4	203.9							
G30.0	191.5	183.4	190.5							
G31.0	177.2	169.1	177.1							
G32.0	162.5	153.8	162.0							
G33.0	148.2	140.2	148.7							
G34.0	134.2	127.4	135.8							
G35.0	121.9	115.5	122.0							
G36.0	108.9	104.1	110.3							

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

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

### Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	97.6	92.5	99.3							
G38.0	88.1	82.7	89.1							
G39.0	78.8	73.9	78.9							
G40.0	70.6	66.0	70.6							
G41.0	62.5	58.1	63.0							
G42.0	55.7	51.8	56.2							
G43.0	49.7	46.2	49.6							
G44.0	44.0	41.1	44.5							
G45.0	39.3	36.7	39.4							
G46.0	34.7	32.3	35.3							
G47.0	31.1	28.9	31.3							
G48.0	27.9	25.9	28.1							
G49.0	25.0	23.2	25.2							
G50.0	22.2	20.6	22.6							
G51.0	20.0	18.6	20.0							
G52.0	18.0	16.8	17.9							
G53.0	16.1	15.1	16.1							
G54.0	14.7	13.7	14.6							
G55.0	13.4	12.5	13.2							
G56.0	12.2	11.4	12.0							
G57.0	11.2	10.4	11.0							
G58.0	10.1	9.4	10.0							
G59.0	9.2	8.6	9.2							
G60.0	8.4	7.8	8.4							
G61.0	7.7	7.2	7.7							
G62.0	7.0	6.6	7.1							
G63.0	6.4	6.0	6.4							
G64.0	5.8	5.6	5.9							
G65.0	5.3	5.1	5.4							
G66.0	4.8	4.7	5.0							
G67.0	4.3	4.3	4.5							
G68.0	3.9	3.9	4.1							
G69.0	3.5	3.5	3.8							
G70.0	3.1	3.2	3.4							
G71.0	2.8	2.9	3.1							
G72.0	2.4	2.5	2.8							
G73.0	2.1	2.3	2.5							

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

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

### Candlepower Table (Continue 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	1.9	2.0	2.2							
G75.0	1.5	1.7	1.9							
G76.0	1.2	1.5	1.6							
G77.0	1.0	1.2	1.4							
G78.0	0.7	1.0	1.2							
G79.0	0.5	0.8	1.1							
G80.0	0.3	0.6	0.8							
G81.0	0.1	0.4	0.6							
G82.0	0.0	0.2	0.4							
G83.0	0.0	0.0	0.2							
G84.0	0.0	0.0	0.0							
G85.0	0.0	0.0	0.0							
G86.0	0.0	0.0	0.0							
G87.0	0.0	0.0	0.0							
G88.0	0.0	0.0	0.0							
G89.0	0.0	0.0	0.0							
G90.0	0.0	0.0	0.0							
G91.0	0.0	0.0	0.0							
G92.0	0.0	0.0	0.0							
G93.0	0.0	0.0	0.0							
G94.0	0.0	0.0	0.0							
G95.0	0.0	0.0	0.0							
G96.0	0.0	0.0	0.0							
G97.0	0.0	0.0	0.0							
G98.0	0.0	0.0	0.0							
G99.0	0.0	0.0	0.0							
G100.0	0.0	0.0	0.0							
G101.0	0.0	0.0	0.0							
G102.0	0.0	0.0	0.0							
G103.0	0.0	0.0	0.0							
G104.0	0.0	0.0	0.0							
G105.0	0.0	0.0	0.0							
G106.0	0.0	0.0	0.0							
G107.0	0.0	0.0	0.0							
G108.0	0.0	0.0	0.0							
G109.0	0.0	0.0	0.0							
G110.0	0.0	0.0	0.0							

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

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



### Candlepower Table (Continue 8)

Unit: cd

GVC	C300.0	C330.0	C360.0							
G111.0	0.0	0.0	0.0							
G112.0	0.0	0.0	0.0							
G113.0	0.0	0.0	0.0							
G114.0	0.0	0.0	0.0							
G115.0	0.0	0.0	0.0							
G116.0	0.0	0.0	0.0							
G117.0	0.0	0.0	0.0							
G118.0	0.1	0.0	0.1							
G119.0	0.1	0.0	0.1							
G120.0	0.1	0.1	0.1							
G121.0	0.2	0.1	0.2							
G122.0	0.2	0.1	0.2							
G123.0	0.2	0.2	0.2							
G124.0	0.2	0.2	0.2							
G125.0	0.2	0.2	0.3							
G126.0	0.3	0.3	0.3							
G127.0	0.3	0.3	0.3							
G128.0	0.3	0.3	0.4							
G129.0	0.4	0.3	0.4							
G130.0	0.4	0.4	0.4							
G131.0	0.4	0.4	0.4							
G132.0	0.5	0.4	0.5							
G133.0	0.5	0.5	0.5							
G134.0	0.5	0.5	0.6							
G135.0	0.6	0.6	0.6							
G136.0	0.6	0.6	0.6							
G137.0	0.6	0.6	0.7							
G138.0	0.7	0.7	0.7							
G139.0	0.7	0.7	0.7							
G140.0	0.8	0.8	0.8							
G141.0	0.8	0.8	0.8							
G142.0	0.8	0.8	0.9							
G143.0	0.9	0.9	0.9							
G144.0	0.9	0.9	0.9							
G145.0	0.9	0.9	1.0							
G146.0	1.0	1.0	1.0							
G147.0	1.0	1.0	1.1							

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

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

### Candlepower Table (Continue 9)

Unit: cd

GVC	C300.0	C330.0	C360.0							
G148.0	1.0	1.1	1.1							
G149.0	1.1	1.1	1.2							
G150.0	1.1	1.1	1.2							
G151.0	1.2	1.2	1.3							
G152.0	1.2	1.2	1.3							
G153.0	1.3	1.3	1.3							
G154.0	1.3	1.3	1.4							
G155.0	1.3	1.3	1.4							
G156.0	1.4	1.4	1.5							
G157.0	1.4	1.4	1.5							
G158.0	1.4	1.5	1.5							
G159.0	1.5	1.5	1.5							
G160.0	1.5	1.5	1.6							
G161.0	1.6	1.5	1.6							
G162.0	1.6	1.6	1.7							
G163.0	1.6	1.6	1.7							
G164.0	1.6	1.7	1.7							
G165.0	1.7	1.7	1.8							
G166.0	1.7	1.7	1.8							
G167.0	1.8	1.8	1.8							
G168.0	1.8	1.8	1.8							
G169.0	1.8	1.8	1.9							
G170.0	1.8	1.8	1.9							
G171.0	1.9	1.9	1.9							
G172.0	1.9	1.9	2.0							
G173.0	1.9	1.9	2.0							
G174.0	1.9	1.9	2.0							
G175.0	2.0	1.9	2.0							
G176.0	2.0	1.9	2.0							
G177.0	2.0	1.9	2.0							
G178.0	2.0	1.9	2.0							
G179.0	2.0	2.0	2.0							
G180.0	2.0	2.0	2.0							

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

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