

Report No.:

Test Time: 2021/12/3 16:47

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MS-MR16-3B 4W

Power: 3.77 W

## Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 320.2 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 1349.18 cd

Pos of Max. Intensity: H0 V3

Longitudinal Classification: Very Short

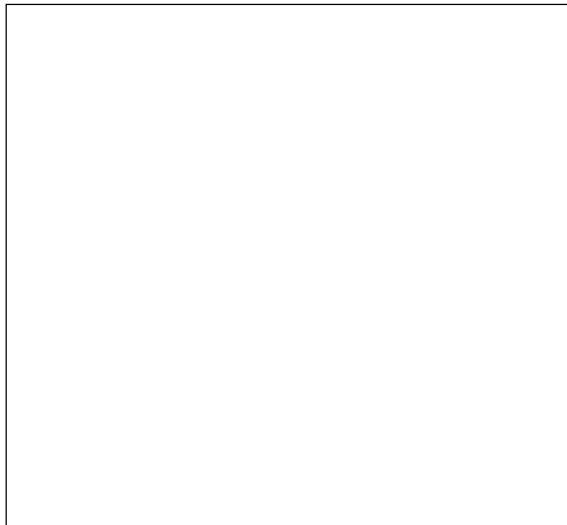
Measurement Flux: 320.2 lm

Downward Ratio: 99%

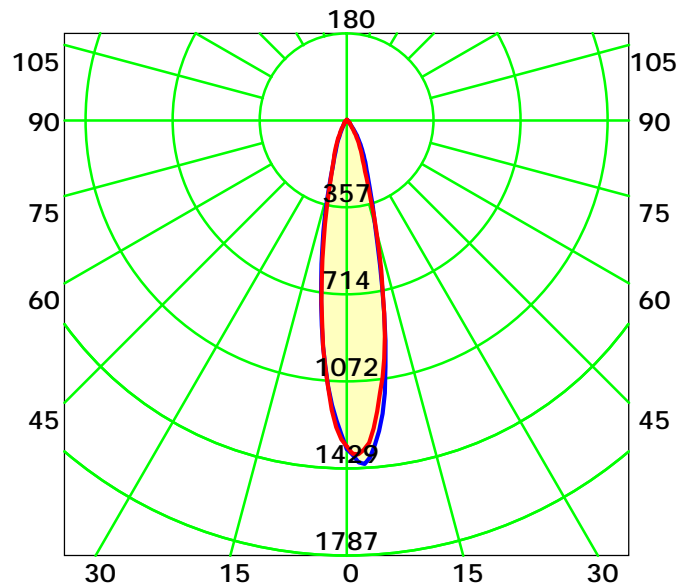
Luminaire Efficacy Rating (LER): 85

Max. Intensity: 1412.48 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 21.1° Unit: cd

— 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

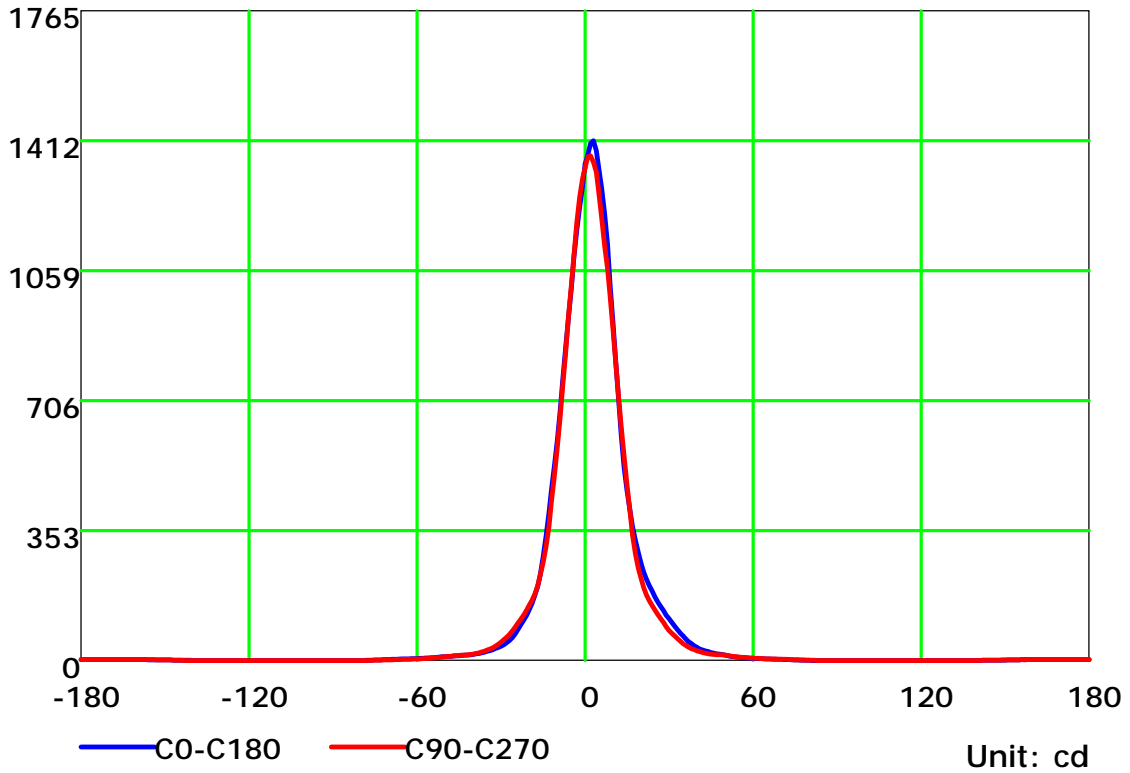
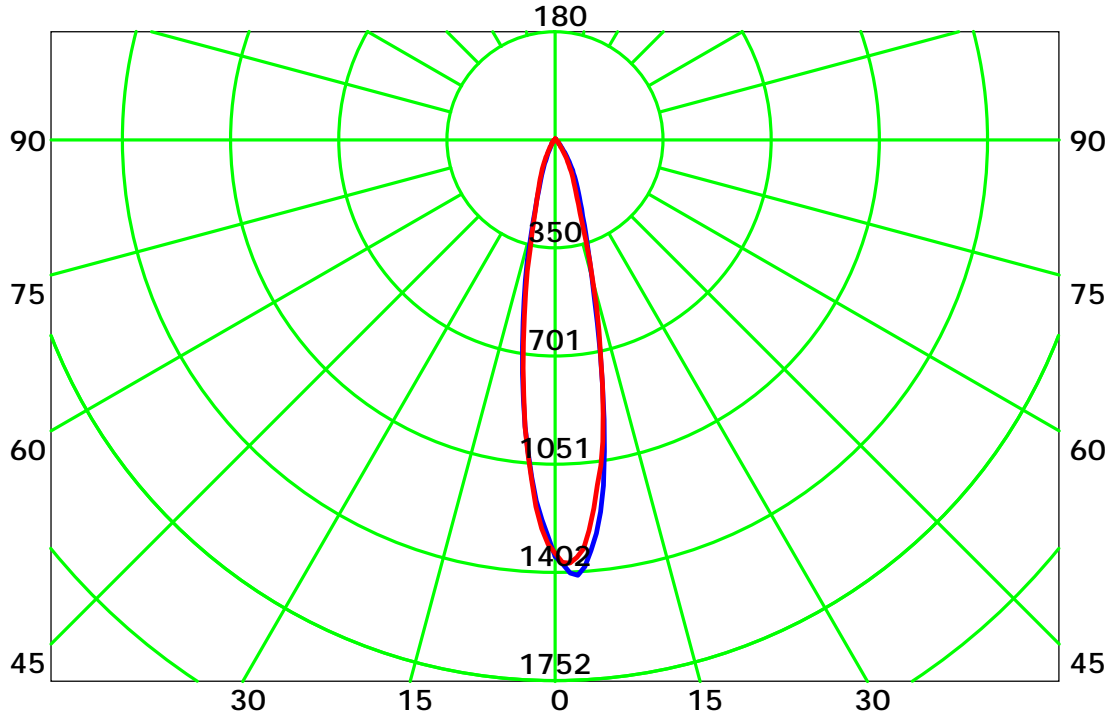
Test Device:

Distance:

Humidity:

Inspector:

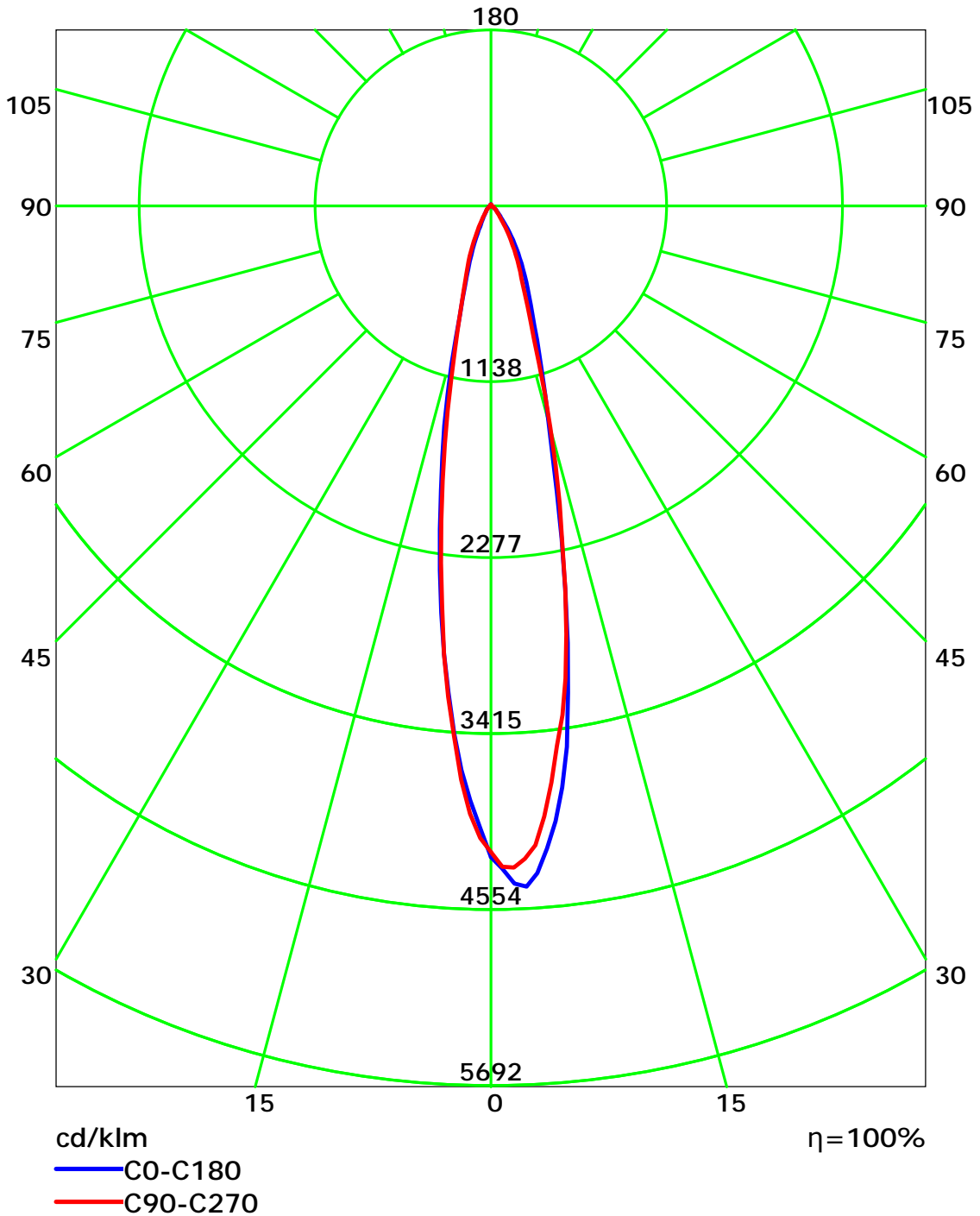
## Luminous Intensity Distribution Curve



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)



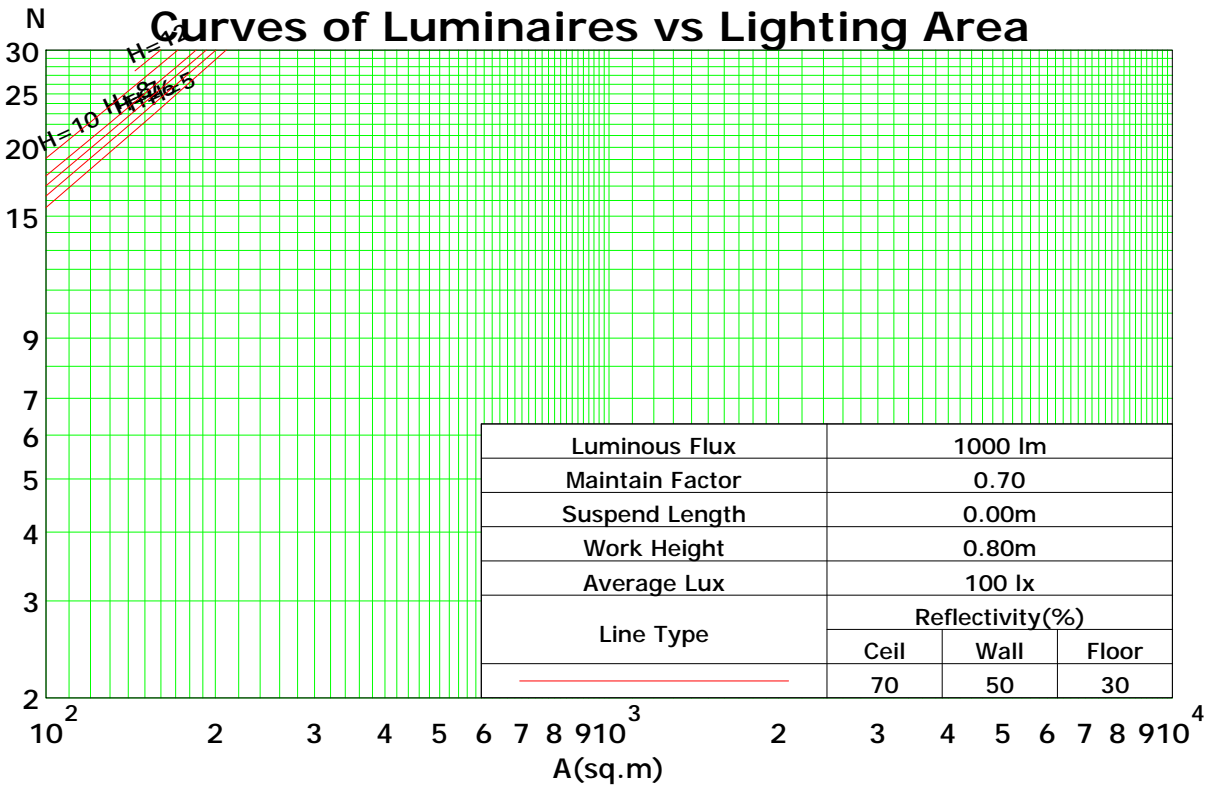
C Plane (°):0.0-360.0: 45.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

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	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	94
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	92	91	89
3	105	99	95	91	103	98	94	91	95	92	89	93	90	88	90	88	86	85
4	101	94	89	86	99	93	89	85	91	87	84	89	86	83	87	84	82	81
5	97	90	85	81	95	89	84	81	87	83	80	85	82	79	84	81	78	77
6	93	86	81	77	92	85	80	77	84	79	76	82	79	76	81	78	75	74
7	90	82	77	74	89	82	77	74	80	76	73	79	76	73	78	75	72	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69
9	84	76	72	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66
10	82	74	69	66	81	73	69	66	73	68	66	72	68	65	71	68	65	64

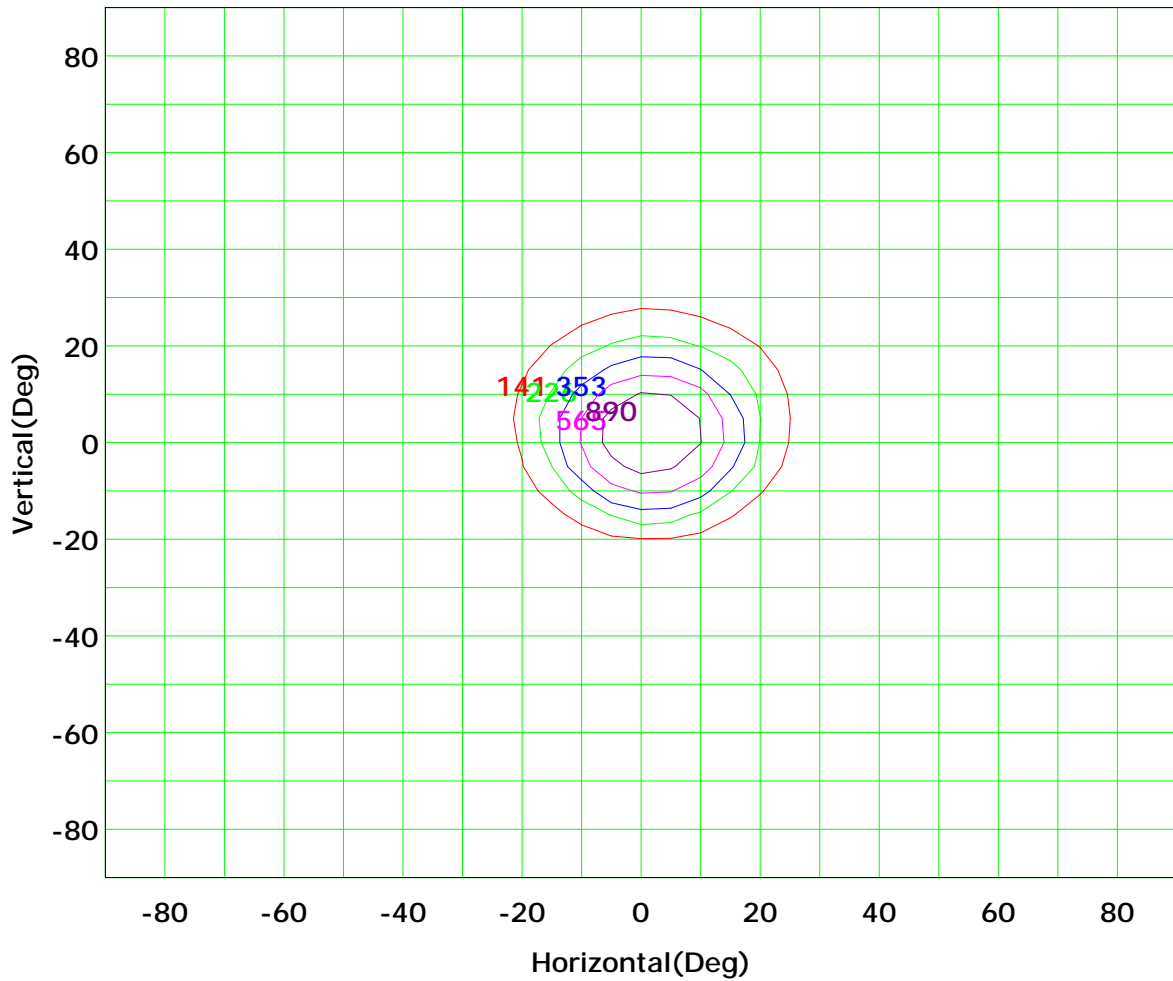
Spacing Criteria (0-180): 0.37  
 Spacing Criteria (90-270): 0.37  
 Spacing Criteria (Diagonal): 0.38



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)



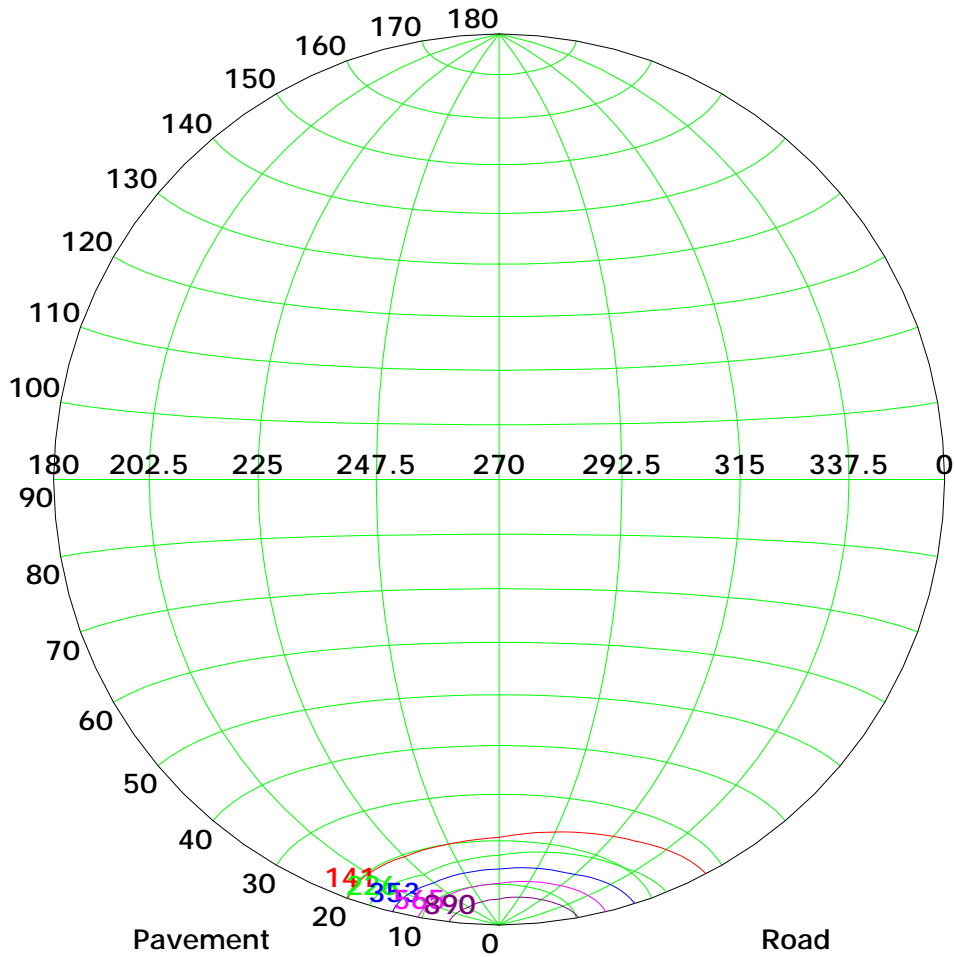
I<sub>max</sub> (100%): 1412 cd

— ( 10%): 141 cd	— ( 16%): 226 cd
— ( 25%): 353 cd	— ( 40%): 565 cd
— ( 63%): 890 cd	— (100%): 1412 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)



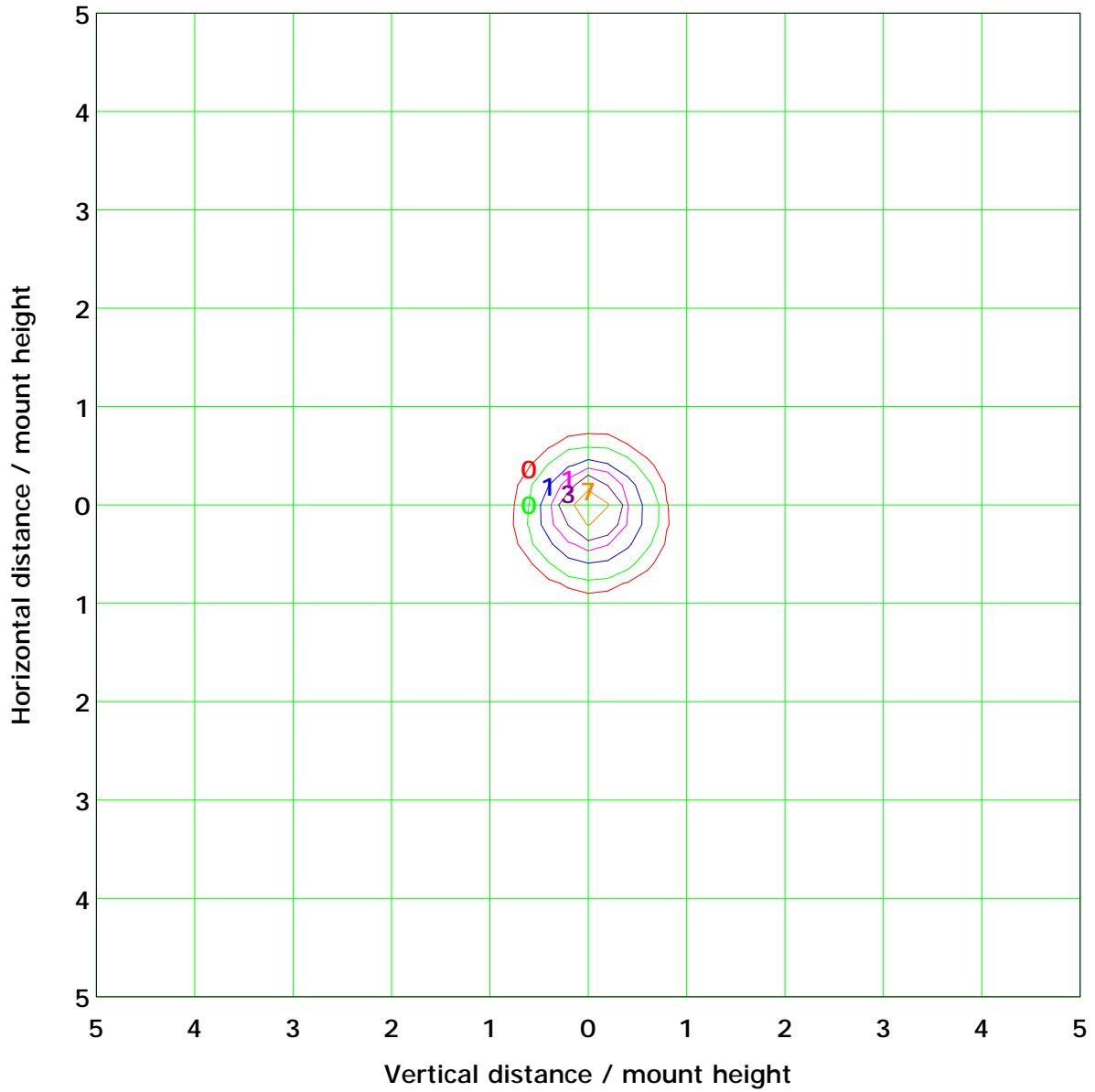
Imax (100%): 1412 cd

— ( 10%): 141 cd	— ( 16%): 226 cd
— ( 25%): 353 cd	— ( 40%): 565 cd
— ( 63%): 890 cd	— (100%): 1412 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



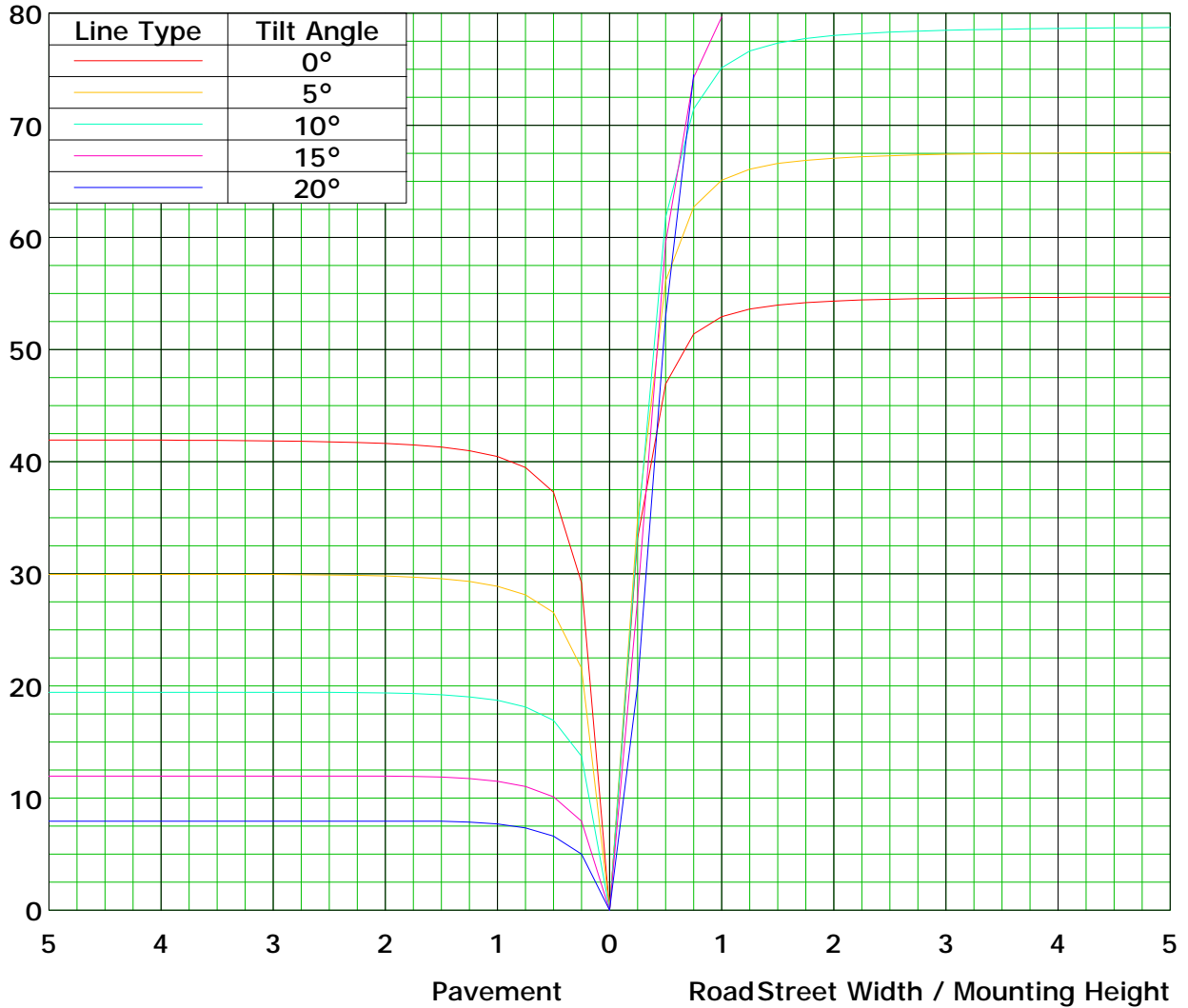
Mounting Height: 10.0m		Max Lux(100%): 14.1 lx	
— ( 1%):	0.1 lx	— ( 2%):	0.3 lx
— ( 5%):	0.7 lx	— (10%):	1.4 lx
— (20%):	2.8 lx	— (50%):	7.0 lx
— (100%):	14.1 lx		

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:

## Roadway CU Curve

Efficiency(%)



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

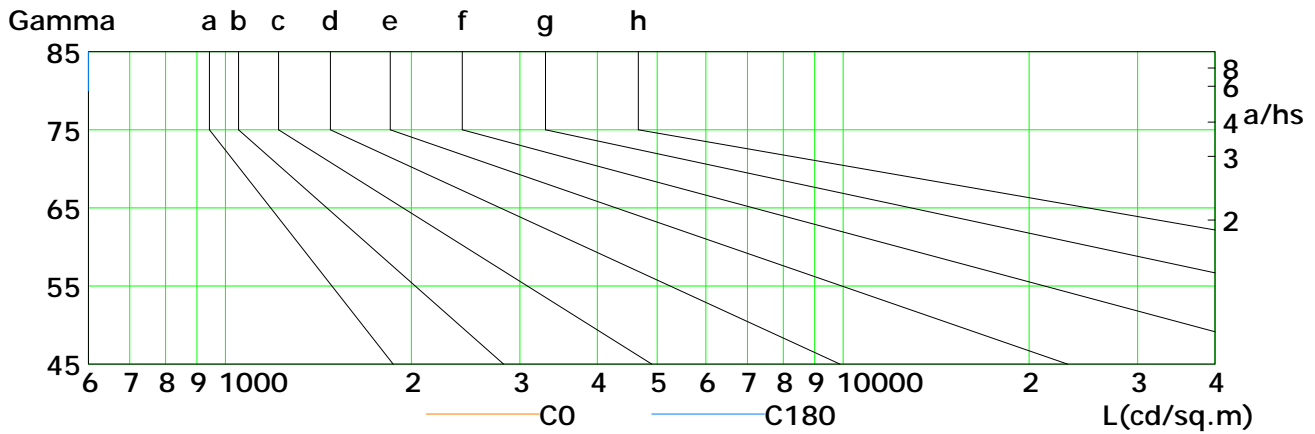
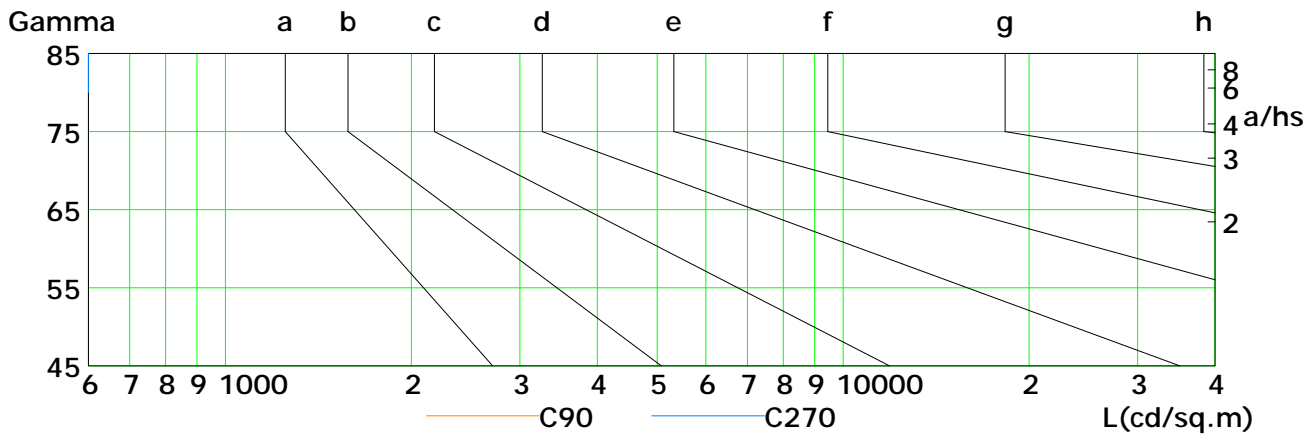
Gamma Plane (°):0.0-180.0:1.0  
 Test Device:  
 Distance:  
 Humidity:  
 Inspector:



### Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		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

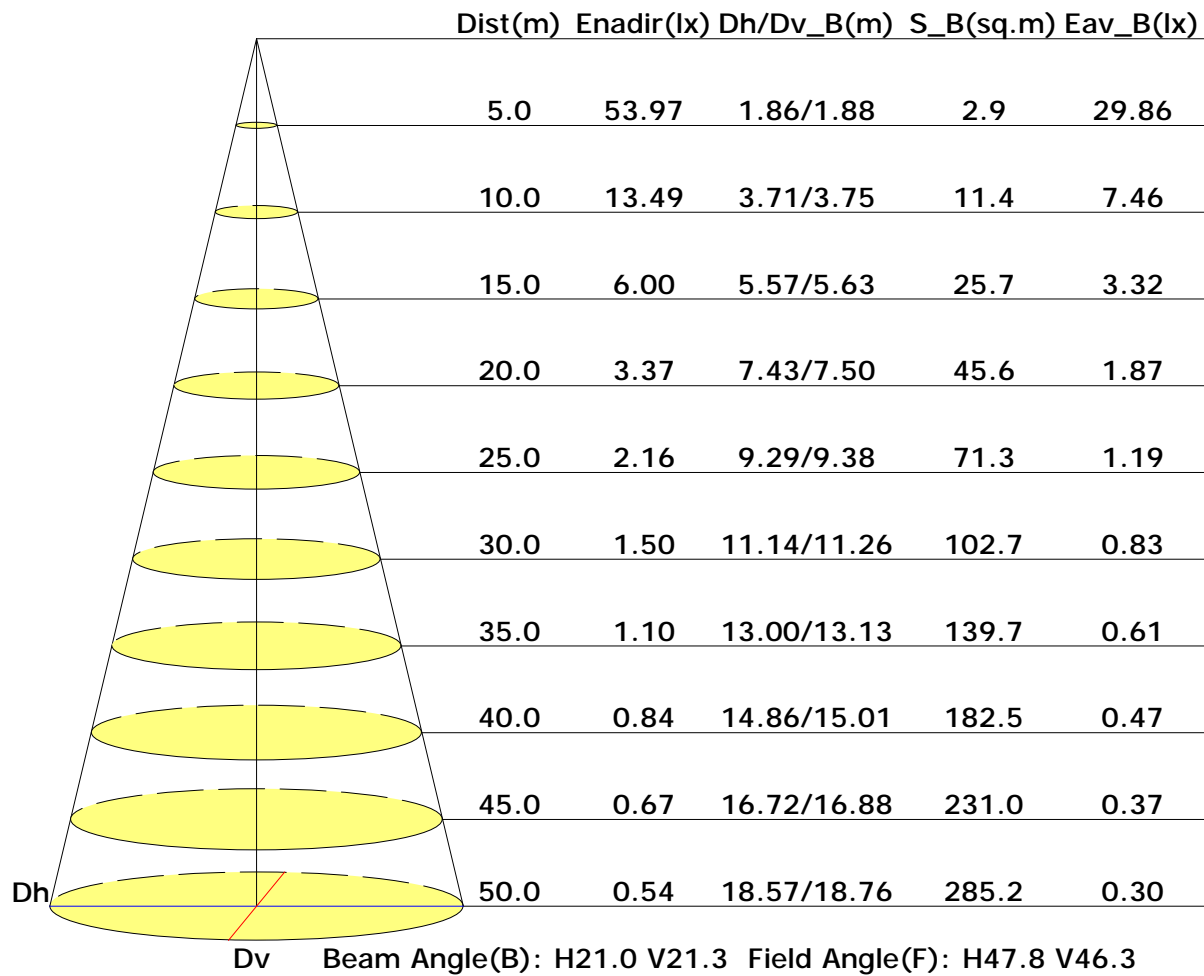


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	22	15	9	6	5	3	2	1	0
C90	18	15	10	7	5	4	3	2	0
C180	13	11	8	6	5	3	2	0	0
C270	14	10	7	5	4	2	1	0	0

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:

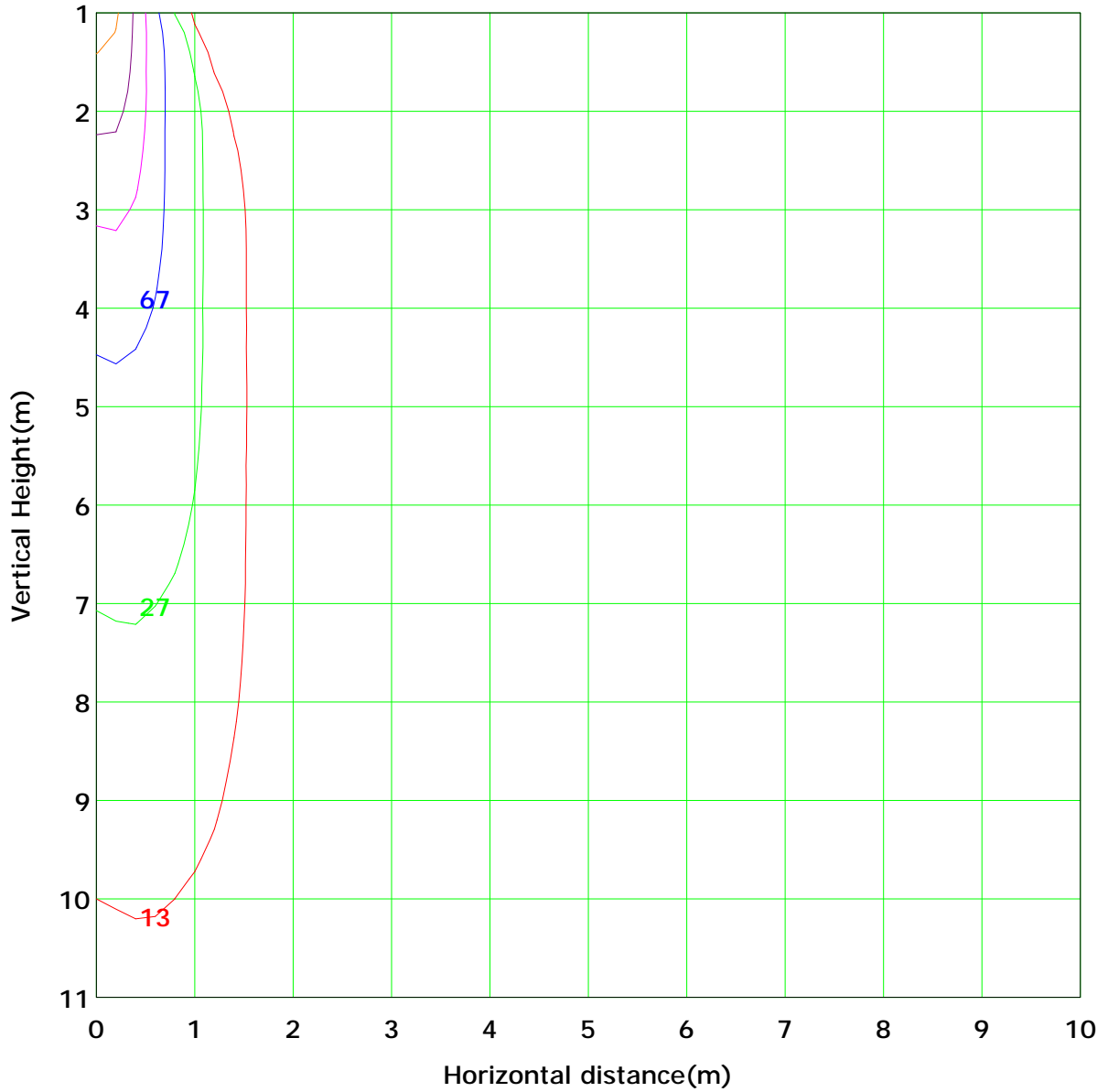
## Illuminance at a Distance



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: 1349.2 lx

— ( 1%): 13.5 lx	— ( 2%): 27.0 lx
— ( 5%): 67.5 lx	— ( 10%): 134.9 lx
— ( 20%): 269.8 lx	— ( 50%): 674.6 lx
— (100%): 1349.2 lx	

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:

### Area Flux Table

	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			
ΦE	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	0.0
ΦT	0.0	0.3	0.9	1.8	3.2	5.9	13.7	23.3	32.7	80.9	95.6	46.8	19.0	8.1	4.0	2.2	1.2	0.5	0.0	0.0	317	
ΦE	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	230	

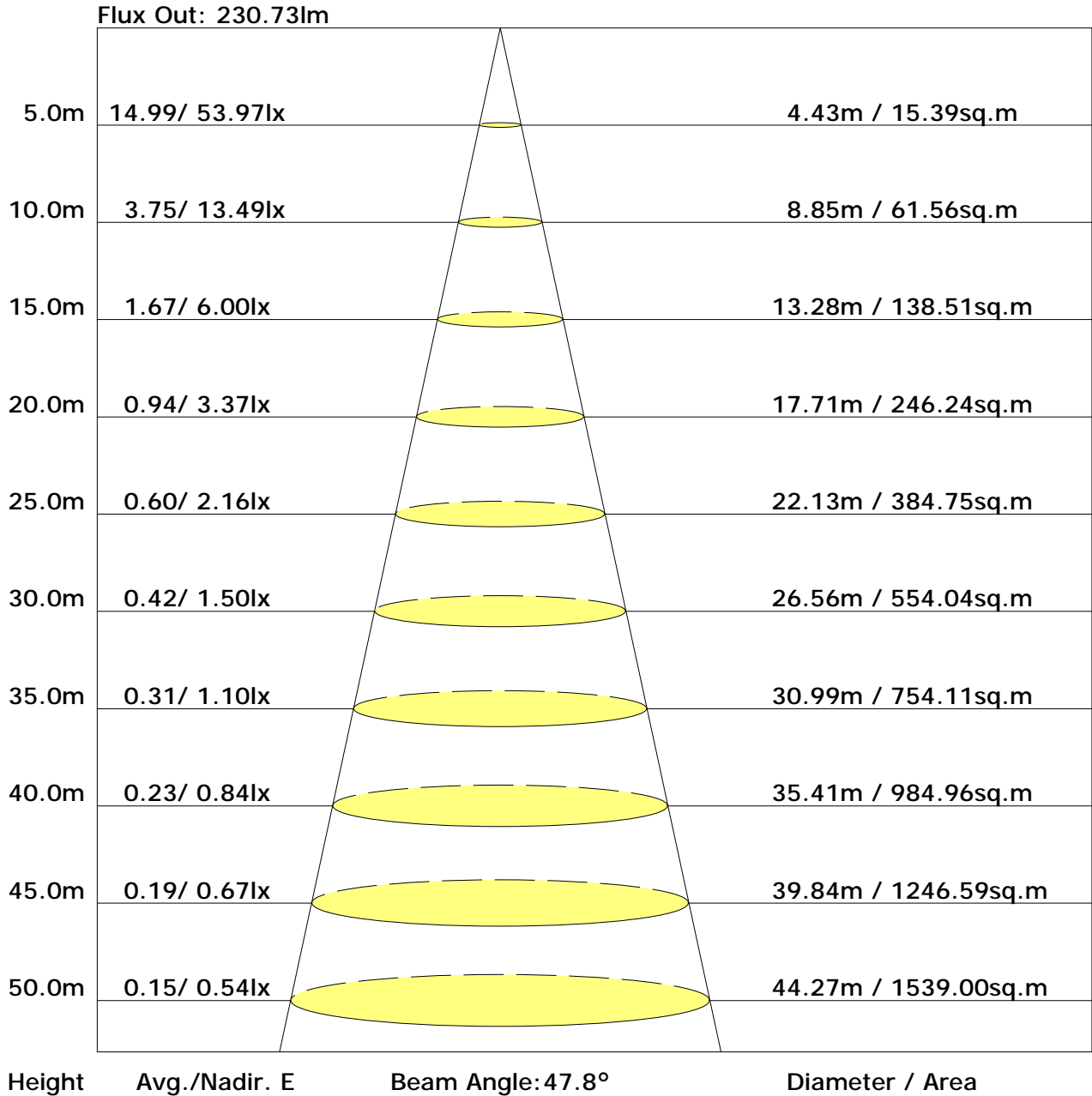
Unit: lx

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



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

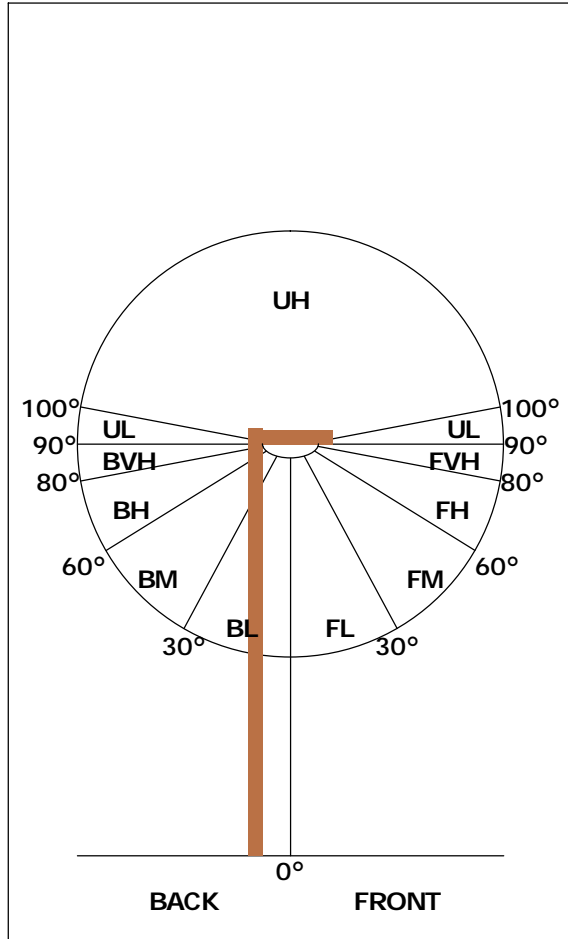
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$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



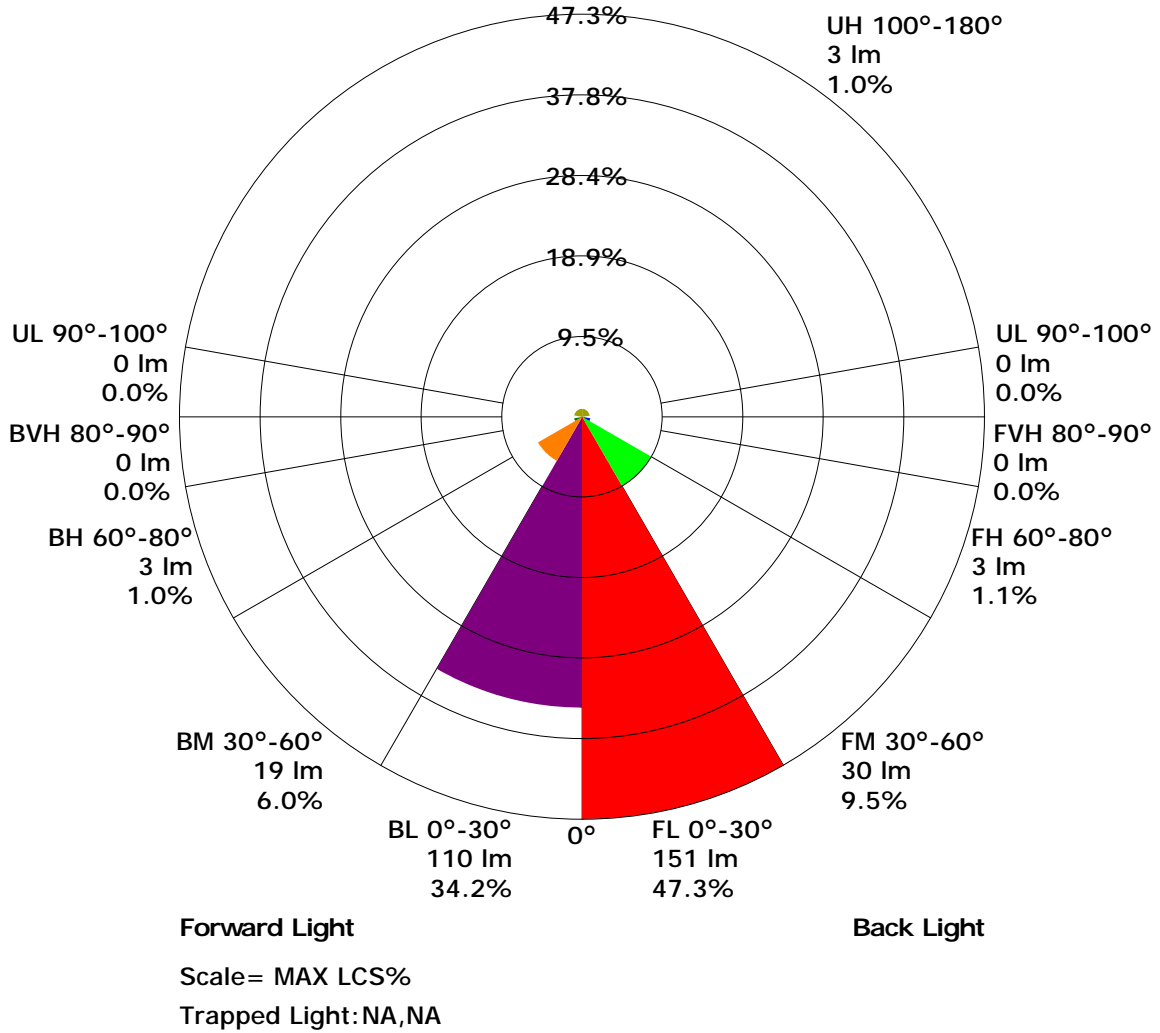
ZONE	LUMENS	% LAMP LUMENS
<b>FORWARD LIGHT</b>	<b>185</b>	<b>57.8</b>
FL ( 0°-30°)	151	47.3
FM (30°-60°)	30	9.5
FH (60°-80°)	3	1.1
FVH (80°-90°)	0	0.0
<b>BACK LIGHT</b>	<b>132</b>	<b>41.2</b>
BL ( 0°-30°)	110	34.2
BM (30°-60°)	19	6.0
BH (60°-80°)	3	1.0
BVH (80°-90°)	0	0.0
<b>UP LIGHT</b>	<b>3</b>	<b>1.0</b>
UL (90°-100°)	0	0.0
UH (100°-180°)	3	1.0
<b>TRAPPED LIGHT</b>	<b>NA</b>	<b>NA</b>

<b>BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07</b>	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 U1 G0

C Plane (°):0.0-360.0: 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





## 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	0.88	0.94	0.98	1.01	1.05	1.08	1.09	1.12	1.13	
	0.30		0.84	0.90	0.94	0.97	1.02	1.05	1.07	1.09	1.11	
	0.20		0.81	0.87	0.91	0.94	0.99	1.02	1.04	1.07	1.10	
0.50	0.50	0.20	0.87	0.92	0.96	0.99	1.02	1.04	1.06	1.08	1.09	
	0.30		0.83	0.89	0.93	0.95	0.99	1.02	1.03	1.06	1.07	
	0.20		0.80	0.86	0.90	0.93	0.97	1.00	1.02	1.04	1.06	
0.30	0.50	0.20	0.86	0.91	0.94	0.96	0.99	1.01	1.02	1.04	1.05	
	0.30		0.82	0.88	0.91	0.94	0.97	0.99	1.01	1.02	1.04	
	0.20		0.80	0.85	0.89	0.91	0.95	0.97	0.99	1.01	1.03	
0.00	0.00	0.00	0.78	0.83	0.86	0.89	0.92	0.94	0.95	0.97	0.98	
<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: 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	0.56	0.46	0.39	0.33	0.26	0.22	0.19	0.14	0.12	
	0.30		0.47	0.39	0.34	0.30	0.24	0.20	0.17	0.13	0.11	
	0.20		0.40	0.34	0.30	0.26	0.22	0.18	0.16	0.13	0.11	
0.50	0.50	0.20	0.53	0.43	0.36	0.31	0.24	0.24	0.17	0.13	0.10	
	0.30		0.45	0.37	0.32	0.28	0.22	0.18	0.16	0.12	0.10	
	0.20		0.39	0.33	0.28	0.25	0.20	0.17	0.15	0.12	0.10	
0.30	0.50	0.20	0.51	0.40	0.34	0.29	0.22	0.18	0.15	0.12	0.10	
	0.30		0.43	0.36	0.30	0.26	0.21	0.17	0.15	0.11	0.09	
	0.20		0.38	0.32	0.27	0.24	0.19	0.16	0.14	0.11	0.09	
0.00	0.00	0.00	0.24	0.19	0.16	0.13	0.10	0.08	0.07	0.05	0.04	
<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: 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	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.22	0.22	
	0.30		0.10	0.12	0.13	0.15	0.16	0.18	0.19	0.20	0.21	
	0.20		0.07	0.09	0.11	0.12	0.14	0.16	0.17	0.19	0.20	
0.50	0.50	0.20	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.17	0.18	0.19	
0.30	0.50	0.20	0.13	0.14	0.16	0.16	0.18	0.19	0.19	0.20	0.20	
	0.30		0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.19	
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.16	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	
<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: 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 [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1336.3	1.3	1.3	0.40	0.40
1.0-2.0	1322.3	3.8	5.1	1.19	1.58
2.0-3.0	1294.2	6.2	11.3	1.93	3.52
3.0-4.0	1250.2	8.4	19.6	2.61	6.13
4.0-5.0	1193.1	10.3	29.9	3.21	9.34
5.0-6.0	1127.0	11.8	41.7	3.70	13.04
6.0-7.0	1052.0	13.1	54.8	4.08	17.12
7.0-8.0	970.7	13.9	68.7	4.34	21.46
8.0-9.0	885.7	14.4	83.1	4.48	25.94
9.0-10.0	795.9	14.4	97.5	4.50	30.44
10.0-11.0	707.0	14.1	111.6	4.41	34.85
11.0-12.0	622.8	13.6	125.2	4.25	39.11
12.0-13.0	543.2	12.9	138.1	4.03	43.13
13.0-14.0	469.1	12.0	150.1	3.75	46.88
14.0-15.0	403.3	11.1	161.2	3.46	50.34
15.0-16.0	346.9	10.2	171.3	3.17	53.52
16.0-17.0	299.5	9.3	180.7	2.91	56.43
17.0-18.0	261.7	8.6	189.3	2.70	59.13
18.0-19.0	231.6	8.1	197.4	2.52	61.64
19.0-20.0	206.9	7.6	204.9	2.37	64.01
20.0-21.0	186.1	7.1	212.1	2.23	66.24
21.0-22.0	168.4	6.8	218.9	2.11	68.36
22.0-23.0	152.8	6.4	225.3	2.00	70.36
23.0-24.0	139.0	6.1	231.3	1.90	72.26
24.0-25.0	126.3	5.7	237.1	1.79	74.05
25.0-26.0	114.2	5.4	242.5	1.68	75.74
26.0-27.0	103.3	5.1	247.5	1.58	77.31
27.0-28.0	93.6	4.7	252.3	1.48	78.80
28.0-29.0	84.8	4.4	256.7	1.39	80.18
29.0-30.0	76.6	4.1	260.8	1.29	81.47
30.0-31.0	69.4	3.9	264.7	1.21	82.68
31.0-32.0	62.8	3.6	268.3	1.12	83.80
32.0-33.0	56.6	3.3	271.6	1.04	84.85
33.0-34.0	51.0	3.1	274.7	0.96	85.81
34.0-35.0	45.7	2.8	277.6	0.89	86.70
35.0-36.0	40.9	2.6	280.2	0.81	87.51

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 [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	36.6	2.4	282.6	0.75	88.26
37.0-38.0	32.8	2.2	284.8	0.68	88.94
38.0-39.0	29.6	2.0	286.8	0.63	89.57
39.0-40.0	26.7	1.9	288.6	0.58	90.15
40.0-41.0	24.3	1.7	290.4	0.54	90.69
41.0-42.0	22.2	1.6	292.0	0.50	91.20
42.0-43.0	20.5	1.5	293.5	0.47	91.67
43.0-44.0	19.1	1.4	294.9	0.45	92.12
44.0-45.0	17.9	1.4	296.3	0.43	92.55
45.0-46.0	16.8	1.3	297.6	0.41	92.96
46.0-47.0	15.8	1.3	298.9	0.39	93.36
47.0-48.0	15.0	1.2	300.1	0.38	93.73
48.0-49.0	14.2	1.2	301.3	0.36	94.10
49.0-50.0	13.5	1.1	302.4	0.35	94.45
50.0-51.0	12.6	1.1	303.5	0.33	94.78
51.0-52.0	11.6	1.0	304.5	0.31	95.09
52.0-53.0	10.7	0.9	305.4	0.29	95.38
53.0-54.0	9.8	0.9	306.2	0.27	95.65
54.0-55.0	9.1	0.8	307.1	0.25	95.91
55.0-56.0	8.4	0.8	307.8	0.24	96.14
56.0-57.0	7.8	0.7	308.5	0.22	96.37
57.0-58.0	7.3	0.7	309.2	0.21	96.58
58.0-59.0	6.8	0.6	309.8	0.20	96.77
59.0-60.0	6.3	0.6	310.4	0.19	96.96
60.0-61.0	5.9	0.6	311.0	0.18	97.14
61.0-62.0	5.6	0.5	311.5	0.17	97.30
62.0-63.0	5.3	0.5	312.0	0.16	97.47
63.0-64.0	5.0	0.5	312.5	0.15	97.62
64.0-65.0	4.7	0.5	313.0	0.15	97.76
65.0-66.0	4.4	0.4	313.4	0.14	97.90
66.0-67.0	4.1	0.4	313.9	0.13	98.03
67.0-68.0	3.9	0.4	314.3	0.12	98.15
68.0-69.0	3.6	0.4	314.6	0.12	98.27
69.0-70.0	3.3	0.3	315.0	0.11	98.38
70.0-71.0	3.1	0.3	315.3	0.10	98.48
71.0-72.0	2.9	0.3	315.6	0.09	98.57

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 [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	2.6	0.3	315.9	0.09	98.66
73.0-74.0	2.4	0.2	316.1	0.08	98.73
74.0-75.0	2.1	0.2	316.3	0.07	98.80
75.0-76.0	1.8	0.2	316.5	0.06	98.86
76.0-77.0	1.6	0.2	316.7	0.05	98.91
77.0-78.0	1.3	0.1	316.8	0.04	98.96
78.0-79.0	1.0	0.1	316.9	0.03	98.99
79.0-80.0	0.8	0.1	317.0	0.03	99.02
80.0-81.0	0.4	0.0	317.1	0.02	99.03
81.0-82.0	0.1	0.0	317.1	0.00	99.04
82.0-83.0	0.1	0.0	317.1	0.00	99.04
83.0-84.0	0.0	0.0	317.1	0.00	99.04
84.0-85.0	0.0	0.0	317.1	0.00	99.04
85.0-86.0	0.0	0.0	317.1	0.00	99.04
86.0-87.0	0.0	0.0	317.1	0.00	99.04
87.0-88.0	0.0	0.0	317.1	0.00	99.04
88.0-89.0	0.0	0.0	317.1	0.00	99.04
89.0-90.0	0.0	0.0	317.1	0.00	99.04
90.0-91.0	0.0	0.0	317.1	0.00	99.04
91.0-92.0	0.0	0.0	317.1	0.00	99.04
92.0-93.0	0.0	0.0	317.1	0.00	99.04
93.0-94.0	0.0	0.0	317.1	0.00	99.04
94.0-95.0	0.0	0.0	317.1	0.00	99.04
95.0-96.0	0.0	0.0	317.1	0.00	99.04
96.0-97.0	0.0	0.0	317.1	0.00	99.04
97.0-98.0	0.0	0.0	317.1	0.00	99.04
98.0-99.0	0.0	0.0	317.1	0.00	99.04
99.0-100.0	0.0	0.0	317.1	0.00	99.04
100.0-101.0	0.0	0.0	317.1	0.00	99.04
101.0-102.0	0.0	0.0	317.1	0.00	99.04
102.0-103.0	0.0	0.0	317.1	0.00	99.04
103.0-104.0	0.0	0.0	317.1	0.00	99.04
104.0-105.0	0.0	0.0	317.1	0.00	99.04
105.0-106.0	0.0	0.0	317.1	0.00	99.04
106.0-107.0	0.0	0.0	317.1	0.00	99.04
107.0-108.0	0.0	0.0	317.1	0.00	99.04

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 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	317.1	0.00	99.04
109.0-110.0	0.0	0.0	317.1	0.00	99.04
110.0-111.0	0.0	0.0	317.1	0.00	99.04
111.0-112.0	0.0	0.0	317.1	0.00	99.04
112.0-113.0	0.0	0.0	317.1	0.00	99.04
113.0-114.0	0.0	0.0	317.1	0.00	99.04
114.0-115.0	0.0	0.0	317.1	0.00	99.04
115.0-116.0	0.0	0.0	317.1	0.00	99.04
116.0-117.0	0.0	0.0	317.1	0.00	99.04
117.0-118.0	0.0	0.0	317.1	0.00	99.04
118.0-119.0	0.0	0.0	317.1	0.00	99.04
119.0-120.0	0.0	0.0	317.1	0.00	99.04
120.0-121.0	0.0	0.0	317.1	0.00	99.04
121.0-122.0	0.0	0.0	317.1	0.00	99.04
122.0-123.0	0.0	0.0	317.1	0.00	99.04
123.0-124.0	0.0	0.0	317.1	0.00	99.04
124.0-125.0	0.0	0.0	317.1	0.00	99.04
125.0-126.0	0.0	0.0	317.1	0.00	99.04
126.0-127.0	0.0	0.0	317.1	0.00	99.04
127.0-128.0	0.0	0.0	317.1	0.00	99.04
128.0-129.0	0.0	0.0	317.1	0.00	99.04
129.0-130.0	0.0	0.0	317.1	0.00	99.04
130.0-131.0	0.0	0.0	317.1	0.00	99.04
131.0-132.0	0.0	0.0	317.1	0.00	99.04
132.0-133.0	0.0	0.0	317.1	0.00	99.04
133.0-134.0	0.1	0.0	317.1	0.00	99.04
134.0-135.0	0.1	0.0	317.1	0.00	99.04
135.0-136.0	0.1	0.0	317.1	0.00	99.04
136.0-137.0	0.1	0.0	317.1	0.00	99.05
137.0-138.0	0.2	0.0	317.1	0.00	99.05
138.0-139.0	0.3	0.0	317.1	0.01	99.06
139.0-140.0	0.3	0.0	317.2	0.01	99.06
140.0-141.0	0.4	0.0	317.2	0.01	99.07
141.0-142.0	0.6	0.0	317.2	0.01	99.09
142.0-143.0	0.8	0.1	317.3	0.02	99.10
143.0-144.0	1.0	0.1	317.4	0.02	99.12

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 [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	1.2	0.1	317.4	0.02	99.15
145.0-146.0	1.3	0.1	317.5	0.02	99.17
146.0-147.0	1.4	0.1	317.6	0.03	99.20
147.0-148.0	1.6	0.1	317.7	0.03	99.23
148.0-149.0	1.7	0.1	317.8	0.03	99.26
149.0-150.0	1.9	0.1	317.9	0.03	99.29
150.0-151.0	2.0	0.1	318.0	0.03	99.32
151.0-152.0	2.1	0.1	318.1	0.03	99.36
152.0-153.0	2.3	0.1	318.2	0.04	99.39
153.0-154.0	2.4	0.1	318.3	0.04	99.43
154.0-155.0	2.5	0.1	318.5	0.04	99.47
155.0-156.0	2.6	0.1	318.6	0.04	99.50
156.0-157.0	2.6	0.1	318.7	0.04	99.54
157.0-158.0	2.7	0.1	318.8	0.04	99.57
158.0-159.0	2.8	0.1	318.9	0.03	99.61
159.0-160.0	2.8	0.1	319.0	0.03	99.64
160.0-161.0	2.9	0.1	319.1	0.03	99.68
161.0-162.0	2.9	0.1	319.2	0.03	99.71
162.0-163.0	2.9	0.1	319.3	0.03	99.74
163.0-164.0	3.0	0.1	319.4	0.03	99.77
164.0-165.0	3.0	0.1	319.5	0.03	99.79
165.0-166.0	3.0	0.1	319.6	0.03	99.82
166.0-167.0	3.0	0.1	319.7	0.02	99.84
167.0-168.0	3.1	0.1	319.7	0.02	99.87
168.0-169.0	3.1	0.1	319.8	0.02	99.89
169.0-170.0	3.1	0.1	319.9	0.02	99.91
170.0-171.0	3.1	0.1	319.9	0.02	99.93
171.0-172.0	3.1	0.1	320.0	0.02	99.94
172.0-173.0	3.1	0.0	320.0	0.01	99.96
173.0-174.0	3.1	0.0	320.1	0.01	99.97
174.0-175.0	3.1	0.0	320.1	0.01	99.98
175.0-176.0	3.0	0.0	320.1	0.01	99.99
176.0-177.0	3.1	0.0	320.1	0.01	99.99
177.0-178.0	3.1	0.0	320.2	0.00	100.00
178.0-179.0	3.1	0.0	320.2	0.00	100.00
179.0-180.0	3.0	0.0	320.2	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	1349.2	1342.8	1338.9	1331.4	1349.2	1342.8	1338.9	1331.4	1349.2	
G1.0	1373.4	1377.9	1369.5	1314.7	1289.0	1283.4	1310.0	1338.2	1373.4	
G2.0	1404.9	1400.5	1371.9	1276.8	1232.6	1219.7	1260.0	1334.4	1404.9	
G3.0	1412.5	1400.2	1354.5	1233.5	1170.4	1140.1	1190.6	1305.1	1412.5	
G4.0	1385.9	1400.1	1327.8	1170.6	1096.6	1058.5	1100.6	1255.9	1385.9	
G5.0	1336.6	1383.1	1270.0	1112.6	1011.8	965.1	1021.0	1194.0	1336.6	
G6.0	1281.8	1366.8	1201.1	1029.7	933.1	882.1	935.3	1107.4	1281.8	
G7.0	1214.1	1329.5	1126.7	929.5	849.7	798.2	834.6	1011.5	1214.1	
G8.0	1131.9	1262.6	1065.6	843.2	762.5	711.3	746.7	914.5	1131.9	
G9.0	1021.9	1167.2	991.0	773.7	678.9	624.2	662.1	813.5	1021.9	
G10.0	919.4	1048.2	900.8	704.2	598.0	531.9	578.7	719.9	919.4	
G11.0	809.1	943.7	807.0	631.2	529.6	458.0	502.4	629.8	809.1	
G12.0	705.2	841.9	712.6	562.8	465.6	391.2	434.4	540.7	705.2	
G13.0	610.2	745.0	633.7	487.0	401.5	327.0	364.1	467.8	610.2	
G14.0	523.4	648.5	553.5	417.9	338.6	268.2	310.2	408.1	523.4	
G15.0	461.3	560.7	475.9	350.2	282.7	227.5	267.6	358.4	461.3	
G16.0	409.0	477.0	407.4	290.9	234.3	199.0	233.1	315.0	409.0	
G17.0	365.1	414.7	341.5	245.7	202.2	178.3	203.7	275.8	365.1	
G18.0	327.4	365.0	290.7	210.0	177.5	160.8	181.7	247.5	327.4	
G19.0	294.1	324.1	251.5	185.4	155.1	146.6	164.4	224.7	294.1	
G20.0	263.7	286.2	222.8	165.9	138.3	133.6	150.0	204.4	263.7	
G21.0	240.3	257.6	198.9	149.2	123.2	120.9	136.8	186.1	240.3	
G22.0	220.8	233.5	177.8	133.7	109.9	109.2	123.8	171.9	220.8	
G23.0	202.8	212.8	162.3	121.4	97.6	96.6	112.9	158.4	202.8	
G24.0	188.2	195.1	149.4	110.0	84.6	85.3	102.3	144.8	188.2	
G25.0	173.6	178.1	137.7	98.5	73.6	74.8	91.9	132.3	173.6	
G26.0	160.0	163.9	125.4	86.9	63.1	66.0	81.7	119.9	160.0	
G27.0	147.3	150.9	114.6	76.7	55.6	58.6	71.8	110.3	147.3	
G28.0	135.9	138.6	103.8	67.7	48.7	52.4	64.4	101.0	135.9	
G29.0	123.8	126.1	93.0	60.3	43.5	47.3	57.7	92.2	123.8	
G30.0	114.1	116.0	82.4	54.3	39.4	42.7	50.5	83.1	114.1	
G31.0	104.3	106.7	74.8	48.0	36.2	38.6	44.8	75.0	104.3	
G32.0	93.8	97.8	67.1	43.2	33.2	34.4	39.8	67.6	93.8	
G33.0	84.4	88.3	60.3	39.1	30.4	30.7	35.5	60.7	84.4	
G34.0	75.6	79.9	53.3	35.2	27.8	27.8	32.1	54.3	75.6	
G35.0	67.5	72.1	46.6	31.3	25.6	25.4	29.0	48.1	67.5	
G36.0	58.7	64.9	41.3	28.4	23.3	23.1	26.0	43.2	58.7	

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

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

## Candlepower Table (Continue 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	51.8	57.6	36.7	25.8	20.9	21.2	23.5	38.5	51.8	
G38.0	46.1	51.3	32.9	23.6	19.4	19.3	21.5	34.5	46.1	
G39.0	40.6	45.7	29.6	21.7	18.3	18.2	19.5	30.8	40.6	
G40.0	36.0	40.2	26.8	19.9	17.1	17.4	18.0	28.0	36.0	
G41.0	32.0	35.7	24.5	18.5	16.0	16.4	16.9	25.4	32.0	
G42.0	29.2	31.4	22.3	17.5	15.1	15.6	16.2	23.3	29.2	
G43.0	26.6	27.9	20.5	16.5	14.8	15.0	15.3	21.2	26.6	
G44.0	24.4	25.0	19.0	15.7	14.1	14.5	14.8	19.7	24.4	
G45.0	22.2	22.7	17.8	15.2	13.5	13.9	14.4	18.7	22.2	
G46.0	20.1	20.7	16.8	14.6	13.1	13.2	13.8	17.8	20.1	
G47.0	18.7	19.4	16.3	14.1	12.2	12.8	13.1	16.4	18.7	
G48.0	17.6	18.2	15.9	13.5	11.6	12.1	12.0	15.2	17.6	
G49.0	16.6	17.3	15.9	13.0	11.5	11.5	11.4	14.0	16.6	
G50.0	15.0	16.3	15.3	12.4	11.2	10.9	10.4	13.1	15.0	
G51.0	13.5	15.1	13.9	11.8	10.6	10.1	9.8	12.2	13.5	
G52.0	12.1	13.9	12.7	11.0	9.8	9.4	8.9	11.0	12.1	
G53.0	10.9	12.7	11.9	10.4	9.1	8.7	8.3	10.0	10.9	
G54.0	9.9	11.4	11.1	9.5	8.5	8.3	7.7	9.2	9.9	
G55.0	9.0	10.4	10.2	9.0	8.0	7.6	6.9	8.4	9.0	
G56.0	8.3	9.4	9.4	8.4	7.6	7.3	6.4	7.7	8.3	
G57.0	7.7	8.6	8.8	7.8	7.3	6.7	6.0	7.2	7.7	
G58.0	7.1	7.8	8.2	7.4	6.9	6.1	5.7	6.9	7.1	
G59.0	6.6	7.1	7.7	6.9	6.4	5.8	5.2	6.4	6.6	
G60.0	6.4	6.4	7.1	6.4	6.0	5.4	4.7	6.2	6.4	
G61.0	6.0	6.2	6.6	6.1	5.7	5.1	4.6	5.7	6.0	
G62.0	5.8	5.8	6.2	5.8	5.5	5.0	4.3	5.4	5.8	
G63.0	5.3	5.6	5.9	5.6	5.2	4.6	4.0	5.0	5.3	
G64.0	5.0	5.1	5.6	5.1	5.0	4.3	3.7	5.0	5.0	
G65.0	4.7	4.8	5.2	4.6	4.7	4.1	3.6	4.7	4.7	
G66.0	4.5	4.6	4.8	4.3	4.6	3.9	3.1	4.4	4.5	
G67.0	4.2	4.3	4.6	4.0	4.2	3.7	3.0	4.2	4.2	
G68.0	4.0	4.1	4.3	3.8	3.8	3.5	2.7	4.0	4.0	
G69.0	3.8	3.8	4.1	3.4	3.5	3.1	2.5	3.7	3.8	
G70.0	3.5	3.5	3.9	3.2	3.2	2.6	2.2	3.5	3.5	
G71.0	3.2	3.3	3.6	3.0	3.0	2.7	2.0	3.3	3.2	
G72.0	3.0	3.1	3.5	2.7	2.7	2.2	1.7	2.7	3.0	
G73.0	2.8	2.9	3.0	2.7	2.4	2.1	1.6	2.6	2.8	

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:

## 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	2.5	2.5	2.8	2.3	2.1	1.7	1.3	2.5	2.5	
G75.0	2.1	2.2	2.5	2.1	1.8	1.4	1.0	2.1	2.1	
G76.0	1.9	1.9	2.4	1.8	1.5	1.3	1.0	1.9	1.9	
G77.0	1.6	1.7	2.0	1.5	1.4	1.3	0.0	1.6	1.6	
G78.0	1.5	1.5	1.9	1.6	1.1	0.0	0.0	1.5	1.5	
G79.0	1.3	1.3	1.6	1.5	0.0	0.0	0.0	1.5	1.3	
G80.0	1.0	1.3	1.5	1.2	0.0	0.0	0.0	1.0	1.0	
G81.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	
G82.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	
G83.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G84.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G86.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G87.0	0.0	0.0	0.0	0.0	0.0	0.0	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	
G89.0	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	
G91.0	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	
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G123.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G124.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G125.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G126.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G127.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G129.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G131.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G133.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G134.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
G135.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
G136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G137.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	
G138.0	0.0	0.0	0.0	1.1	0.0	1.1	0.0	0.0	0.0	
G139.0	0.0	0.0	0.0	1.0	0.0	1.2	0.0	0.0	0.0	
G140.0	0.0	0.0	0.0	1.2	0.0	1.3	0.0	0.0	0.0	
G141.0	0.0	0.0	0.0	1.1	1.1	1.5	0.0	0.0	0.0	
G142.0	1.1	0.0	1.0	1.3	1.0	1.5	0.0	0.0	1.1	
G143.0	1.2	0.0	1.1	1.4	1.3	1.7	0.0	0.0	1.2	
G144.0	1.2	0.0	1.2	1.5	1.4	1.8	1.1	1.0	1.2	
G145.0	1.3	0.0	1.3	1.6	1.4	2.1	1.4	1.1	1.3	
G146.0	1.3	0.0	1.4	1.7	1.5	2.1	1.5	1.1	1.3	
G147.0	1.5	1.0	1.4	1.7	1.7	2.2	1.7	1.1	1.5	

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	1.2	1.6	1.9	1.7	2.2	2.0	1.3	1.5	
G149.0	1.5	1.2	1.8	2.1	1.9	2.4	2.1	1.5	1.5	
G150.0	1.6	1.3	2.0	2.2	2.0	2.4	2.1	1.7	1.6	
G151.0	1.8	1.4	1.9	2.3	2.3	2.5	2.4	2.1	1.8	
G152.0	2.0	1.6	2.1	2.4	2.3	2.5	2.6	2.1	2.0	
G153.0	2.3	1.8	2.3	2.5	2.5	2.7	2.5	2.2	2.3	
G154.0	2.4	1.9	2.3	2.7	2.4	2.8	2.7	2.1	2.4	
G155.0	2.4	1.9	2.5	2.8	2.6	3.0	2.7	2.3	2.4	
G156.0	2.6	2.0	2.7	2.8	2.6	2.9	2.8	2.5	2.6	
G157.0	2.8	2.1	2.6	2.8	2.7	3.1	2.9	2.3	2.8	
G158.0	3.0	2.3	2.6	2.8	2.8	3.1	2.8	2.6	3.0	
G159.0	3.0	2.3	2.6	2.9	2.8	3.1	2.9	2.7	3.0	
G160.0	3.0	2.3	2.7	3.0	2.8	3.1	3.0	2.8	3.0	
G161.0	3.1	2.5	2.7	3.0	3.0	3.1	3.0	2.8	3.1	
G162.0	3.0	2.4	2.8	3.1	2.9	3.2	3.0	2.7	3.0	
G163.0	3.2	2.6	3.0	3.2	3.0	3.2	3.1	2.7	3.2	
G164.0	3.1	2.7	3.1	3.2	3.0	3.0	3.1	2.7	3.1	
G165.0	3.1	2.8	3.2	3.2	3.0	3.0	3.1	2.7	3.1	
G166.0	3.0	2.9	3.1	3.3	3.0	3.0	3.1	2.6	3.0	
G167.0	3.1	3.1	3.2	3.2	3.0	3.1	3.3	2.8	3.1	
G168.0	3.2	3.0	3.2	3.3	3.0	2.9	3.2	2.8	3.2	
G169.0	3.1	3.1	3.3	3.3	3.0	3.0	3.0	2.7	3.1	
G170.0	3.2	3.1	3.3	3.2	3.0	3.0	3.2	2.8	3.2	
G171.0	3.1	3.2	3.4	3.2	2.9	2.8	3.1	2.8	3.1	
G172.0	3.1	3.2	3.3	3.4	3.0	2.9	3.1	2.8	3.1	
G173.0	3.2	3.2	3.2	3.4	3.0	3.0	3.1	2.9	3.2	
G174.0	3.4	3.2	3.3	3.3	2.9	3.0	3.0	2.7	3.4	
G175.0	3.1	3.2	3.1	3.2	2.8	2.9	3.1	2.8	3.1	
G176.0	3.4	3.1	3.1	3.1	2.8	3.0	3.2	2.9	3.4	
G177.0	3.3	3.0	3.2	3.1	2.8	3.0	3.1	2.8	3.3	
G178.0	3.4	3.2	3.2	3.3	2.8	2.8	3.1	2.8	3.4	
G179.0	3.3	3.1	3.2	3.2	2.8	2.8	3.2	2.9	3.3	
G180.0	3.1	3.0	3.0	3.2	2.8	2.8	3.2	2.8	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: