

Report No.:

Test Time: 2022/1/20 09:06

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MR0527KSM-53FL Power: 4.28 W

Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 384.3 lm

Efficiency: 100%

Upward Ratio: 0%

Central Intensity: 639.94 cd

Pos of Max. Intensity: H180 V5

Longitudinal Classification: Very Short

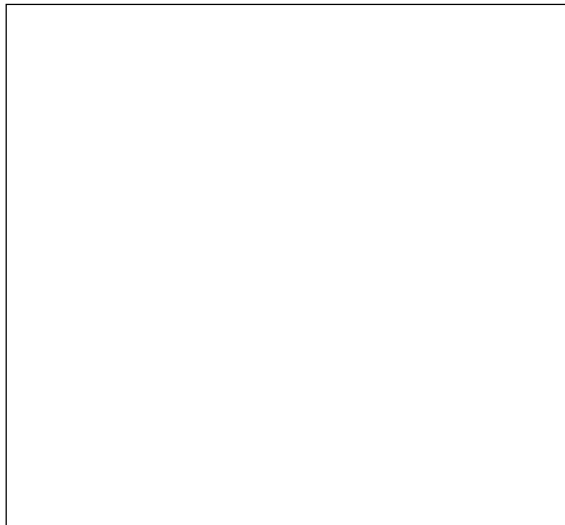
Measurement Flux: 384.3 lm

Downward Ratio: 100%

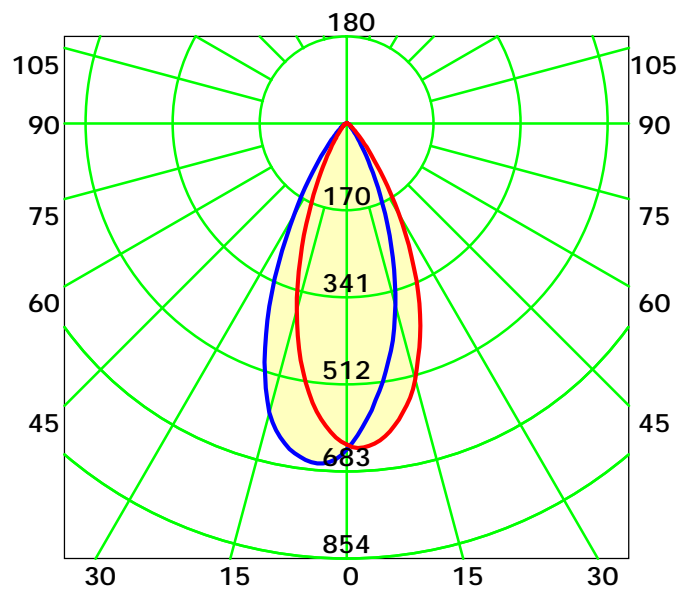
Luminaire Efficacy Rating (LER): 90

Max. Intensity: 669.85 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 42.3° 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

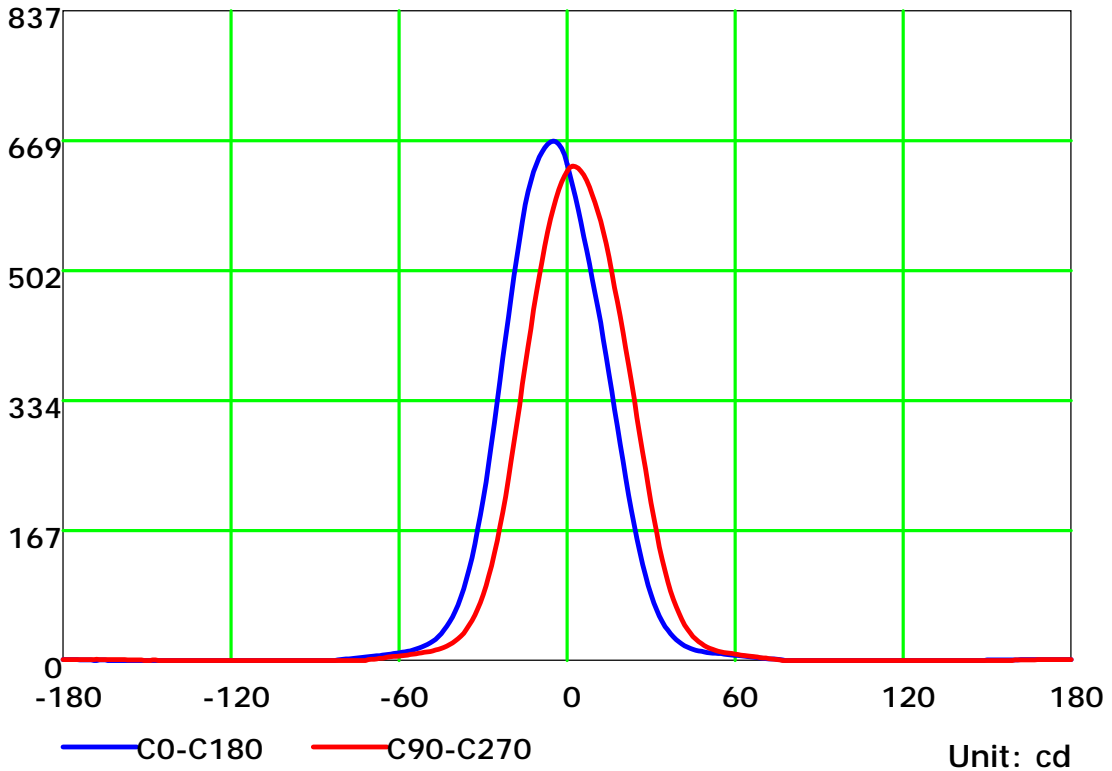
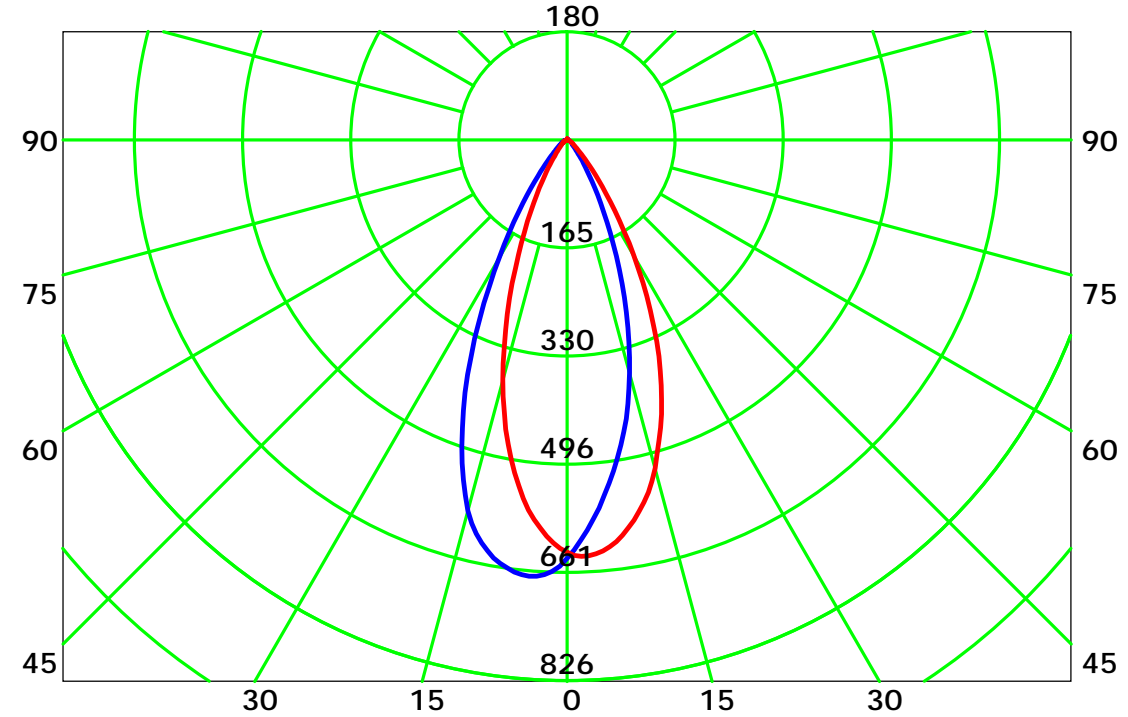
Test Device:

Distance:

Humidity:

Inspector:

Luminous Intensity Distribution Curve

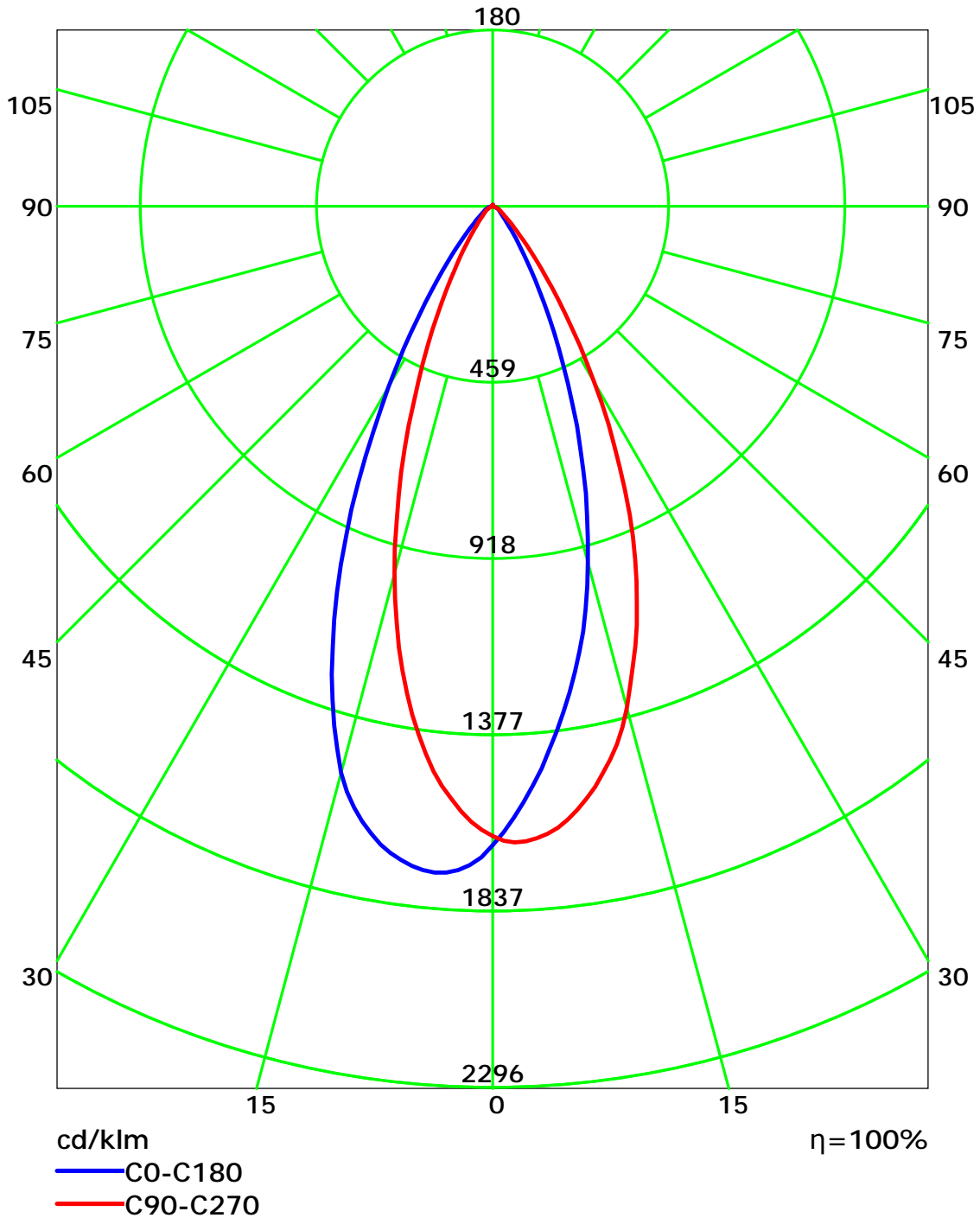


C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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

Unit: cd

Luminous Intensity Distribution Curve(cd/klm)



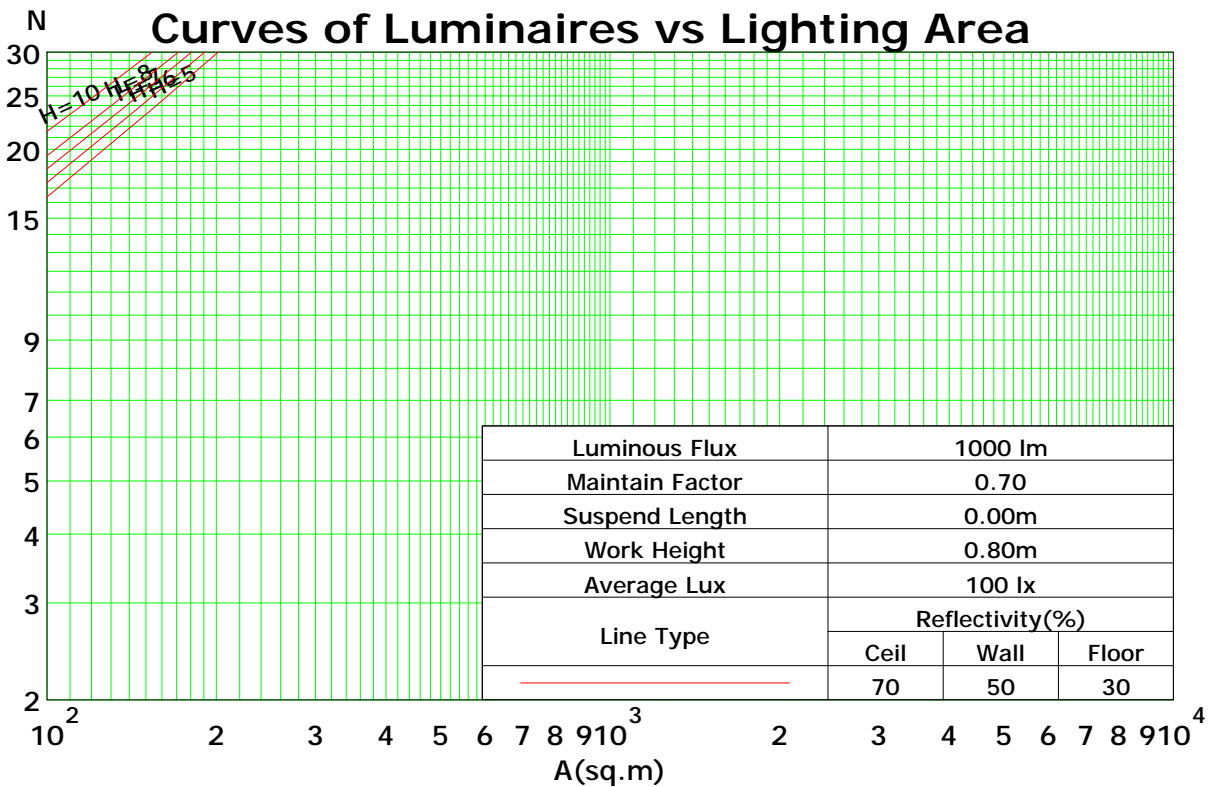
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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	100
1	114	111	108	106	111	109	106	104	105	103	101	101	99	98	97	96	95	93
2	108	103	99	96	106	102	98	95	98	95	93	95	93	91	92	91	89	87
3	103	97	92	88	101	95	91	87	93	89	86	90	87	84	88	85	83	81
4	98	91	85	81	96	89	85	81	87	83	80	85	82	79	83	80	78	76
5	93	85	80	76	92	84	79	75	83	78	74	81	77	74	79	76	73	72
6	89	81	75	71	88	80	74	70	78	73	70	77	73	69	76	72	69	68
7	85	76	70	66	84	76	70	66	74	69	66	73	69	65	72	68	65	64
8	81	72	67	63	80	72	66	63	71	66	62	70	65	62	69	65	62	60
9	78	69	63	59	77	68	63	59	67	62	59	66	62	59	66	62	59	57
10	75	65	60	56	74	65	60	56	64	59	56	63	59	56	63	59	56	54

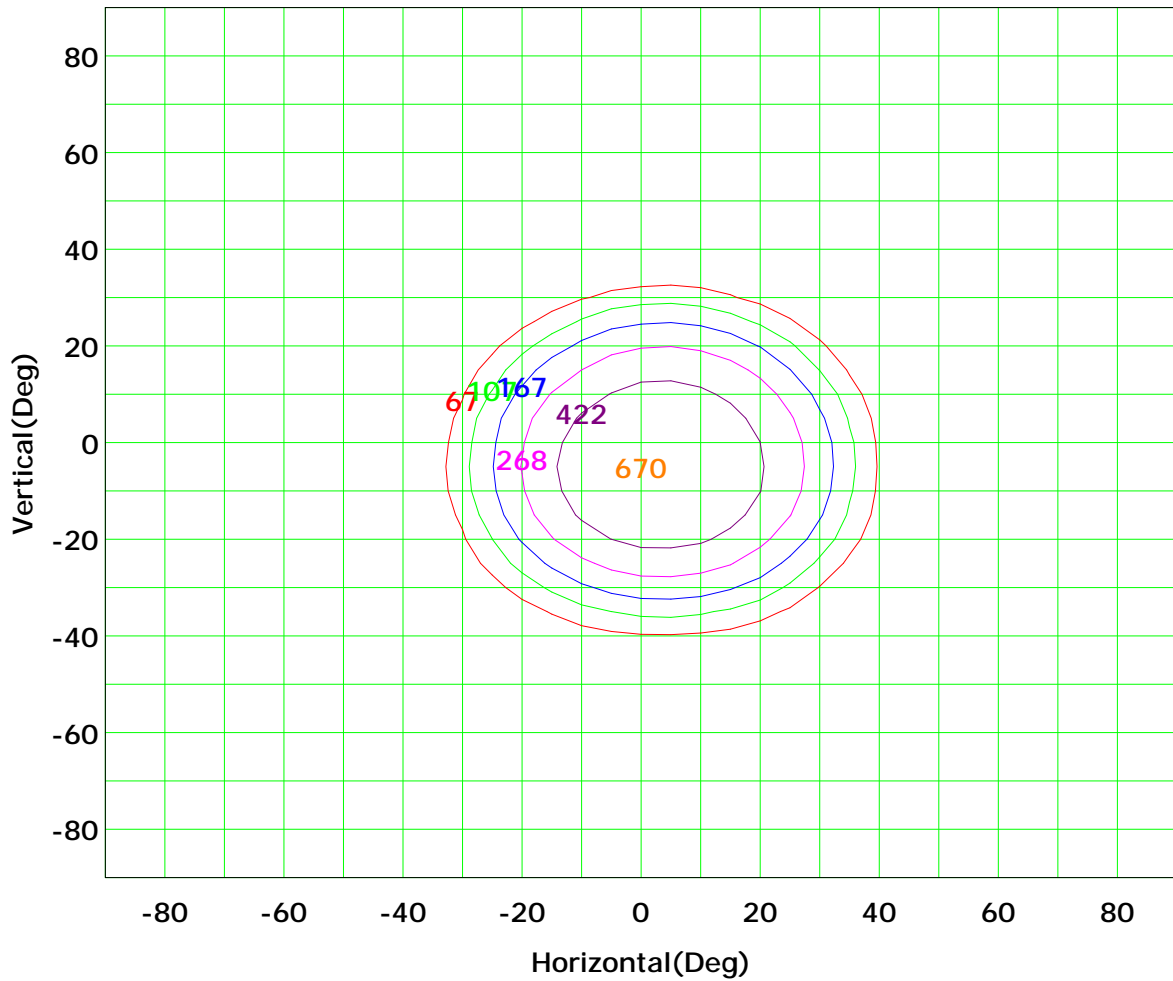
Spacing Criteria (0-180): 0.70
 Spacing Criteria (90-270): 0.67
 Spacing Criteria (Diagonal): 0.69



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)



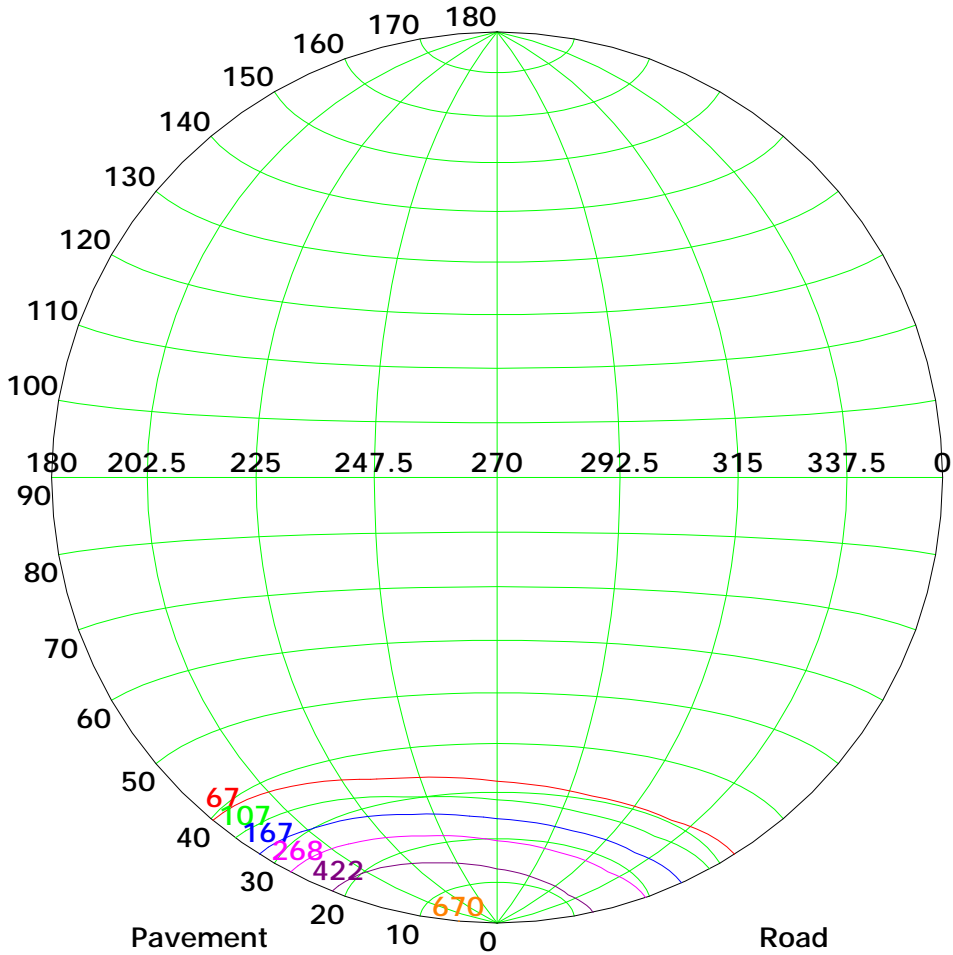
Imax (100%): 670 cd

— (10%):	67 cd	— (16%):	107 cd
— (25%):	167 cd	— (40%):	268 cd
— (63%):	422 cd	— (100%):	670 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)



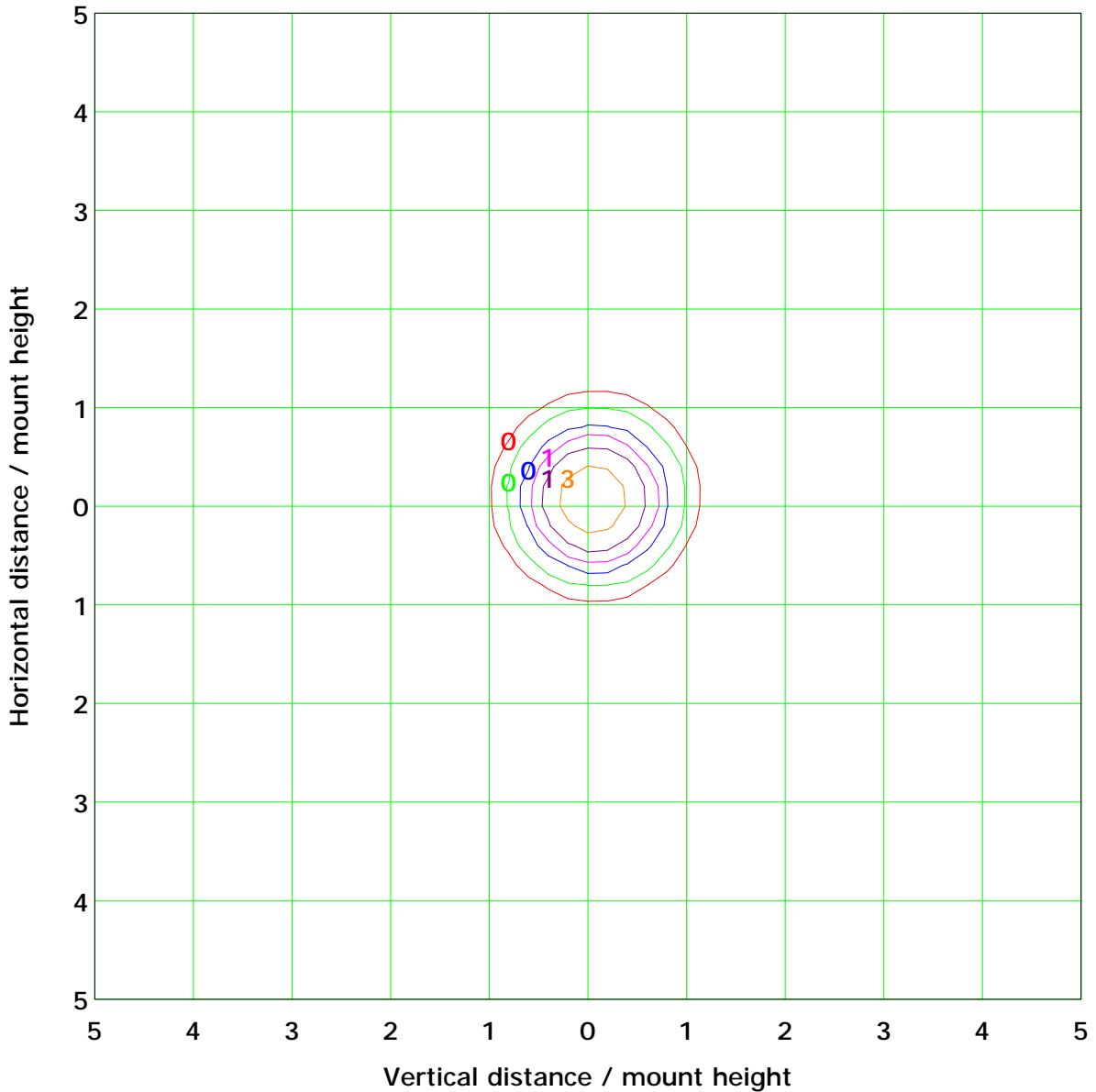
Imax (100%): 670 cd

- | | |
|------------------|------------------|
| — (10%): 67 cd | — (16%): 107 cd |
| — (25%): 167 cd | — (40%): 268 cd |
| — (63%): 422 cd | — (100%): 670 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%): 6.6 lx

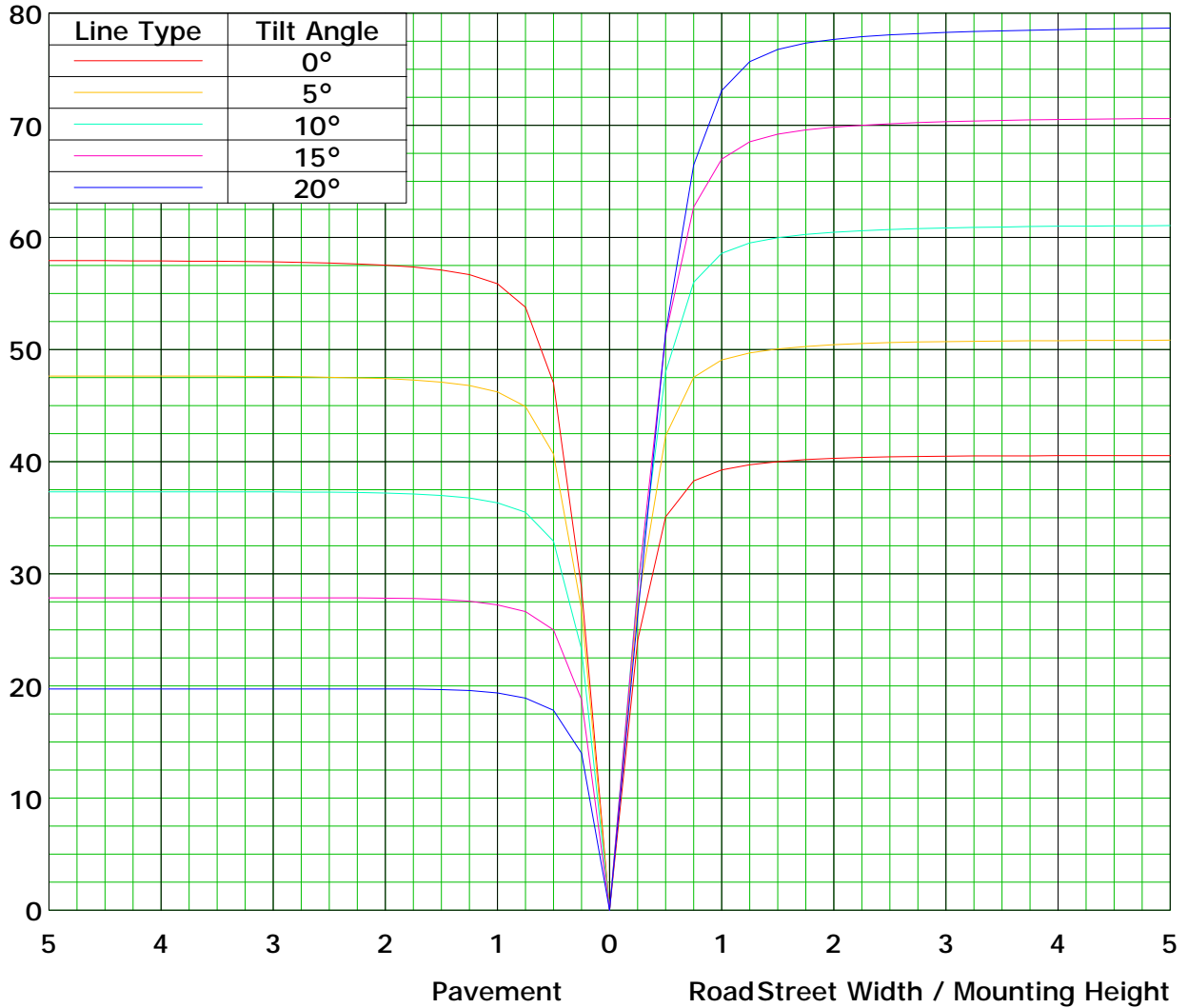
(1%): 0.1 lx	(2%): 0.1 lx
(5%): 0.3 lx	(10%): 0.7 lx
(20%): 1.3 lx	(50%): 3.3 lx
(100%): 6.6 lx	

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(%)



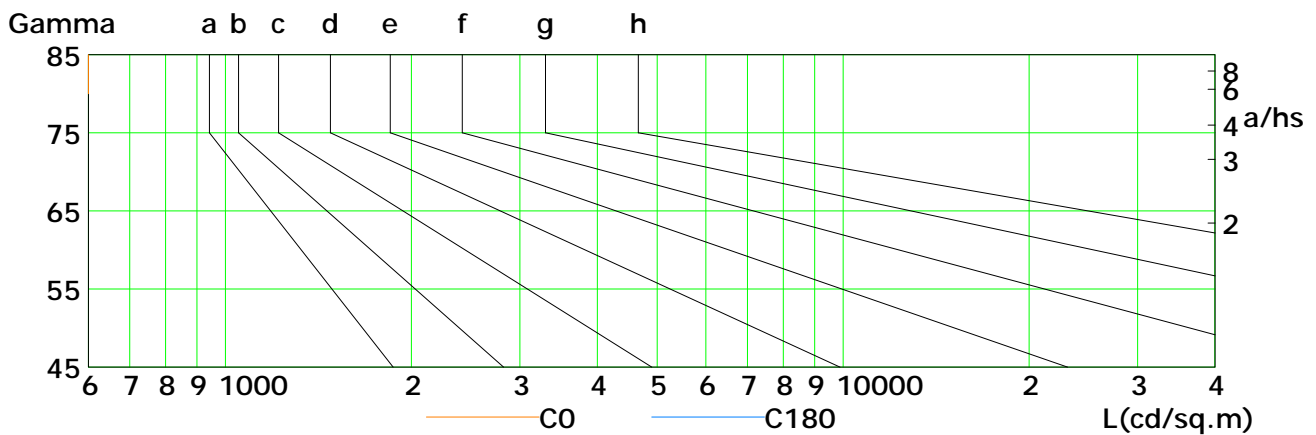
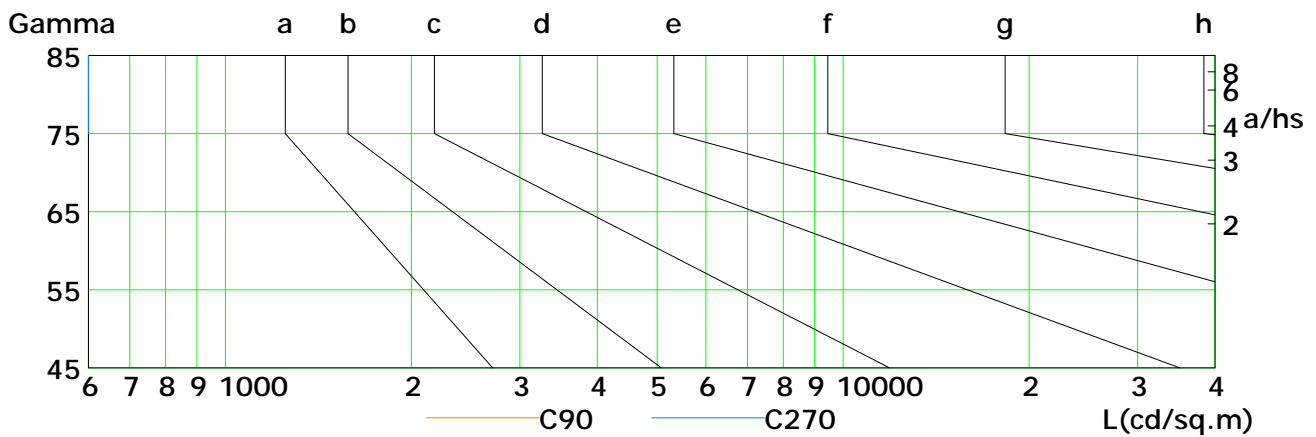
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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

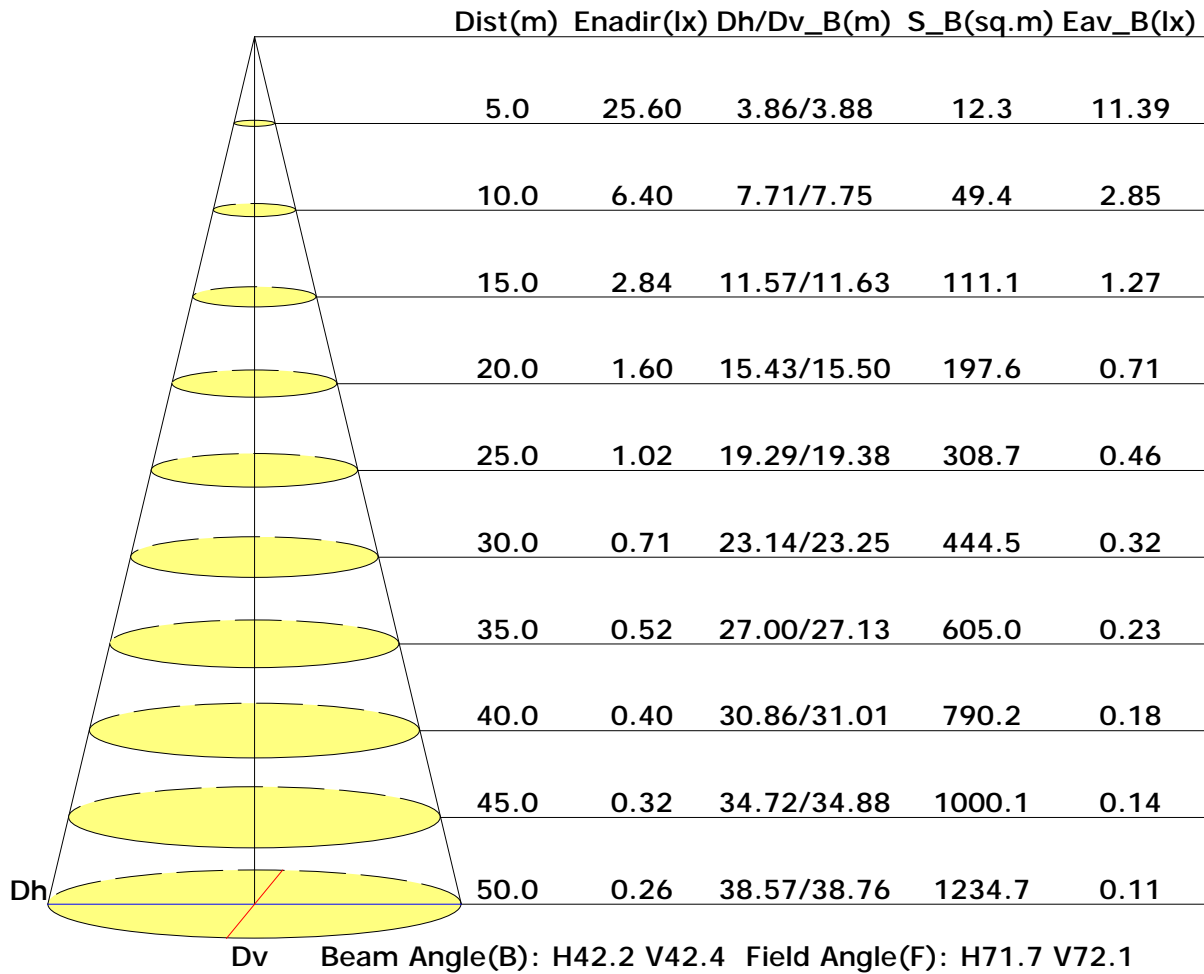


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	15	11	9	7	5	3	2	0	0
C90	31	18	11	9	6	4	2	0	0
C180	35	21	14	10	8	6	3	2	0
C270	16	11	9	6	4	2	0	0	0

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:

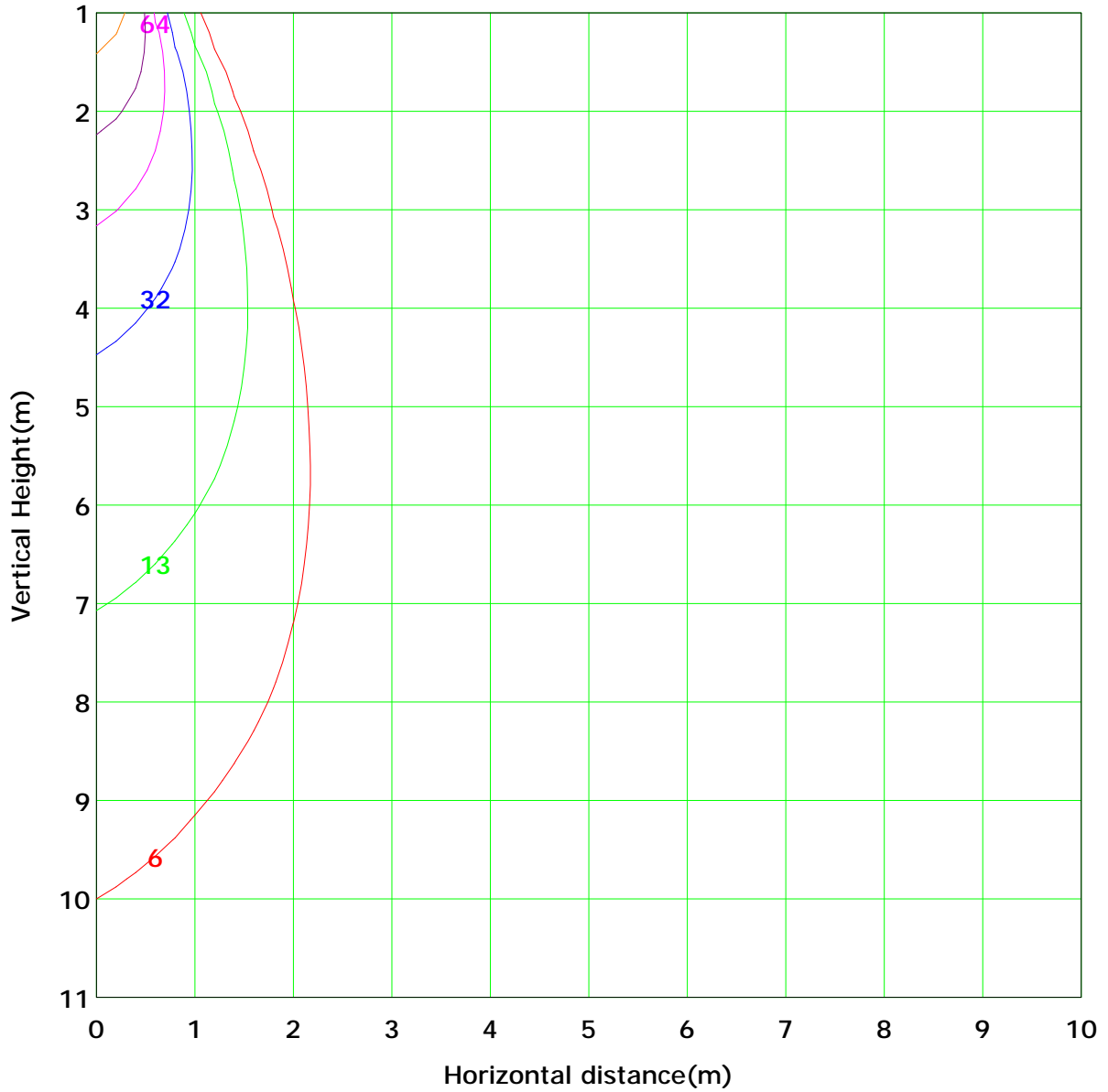
Illuminance at a Distance



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: 639.9 lx

— (1%): 6.4 lx	— (2%): 12.8 lx
— (5%): 32.0 lx	— (10%): 64.0 lx
— (20%): 128.0 lx	— (50%): 320.0 lx
— (100%): 639.9 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:

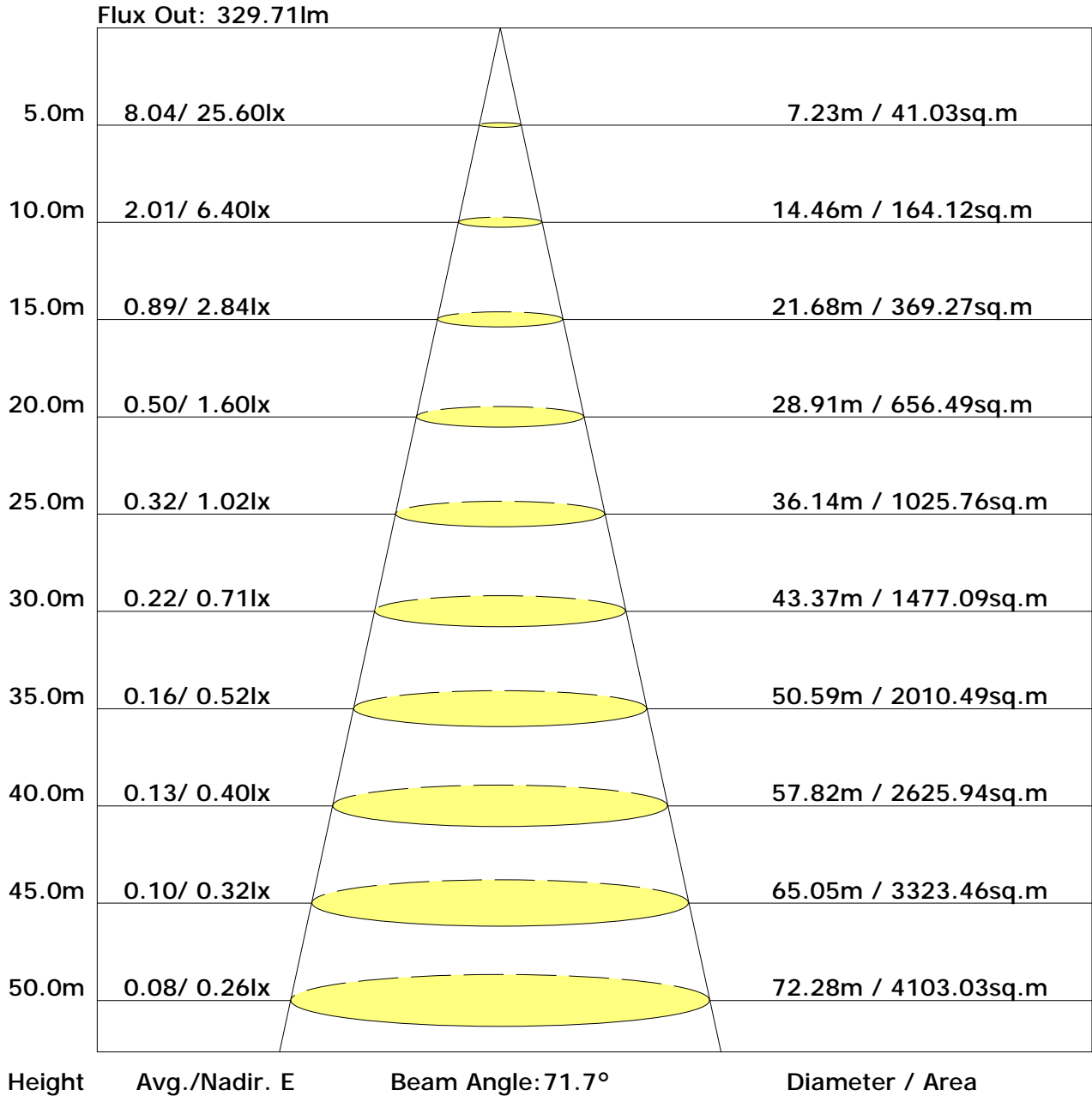
Area Flux Table

		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	ΦT	Unit: lx																		ΦE	ΦT	
		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
-90.0	-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
-80.0	-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	0.0	0.0
-70.0	-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	0.0	0.0
-60.0	-60.0	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
-50.0	-50.0	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
-40.0	-40.0	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
-30.0	-30.0	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
-20.0	-20.0	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
-10.0	-10.0	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
0.0	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	0.0
10.0	10.0	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
20.0	20.0	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
30.0	30.0	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
40.0	40.0	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
50.0	50.0	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
60.0	60.0	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
70.0	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	0.0	0.0
80.0	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	0.0	0.0
90.0	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
ΦE	ΦT	0.0	0.1	0.9	2.1	3.6	8.1	21.9	49.1	76.1	84.1	68.9	40.9	16.8	6.1	2.8	1.5	0.4	0.0	0.0	383	334
		-90.0	-80.0	-70.0	-60.0	-50.0	-40.0	-30.0	-20.0	-10.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

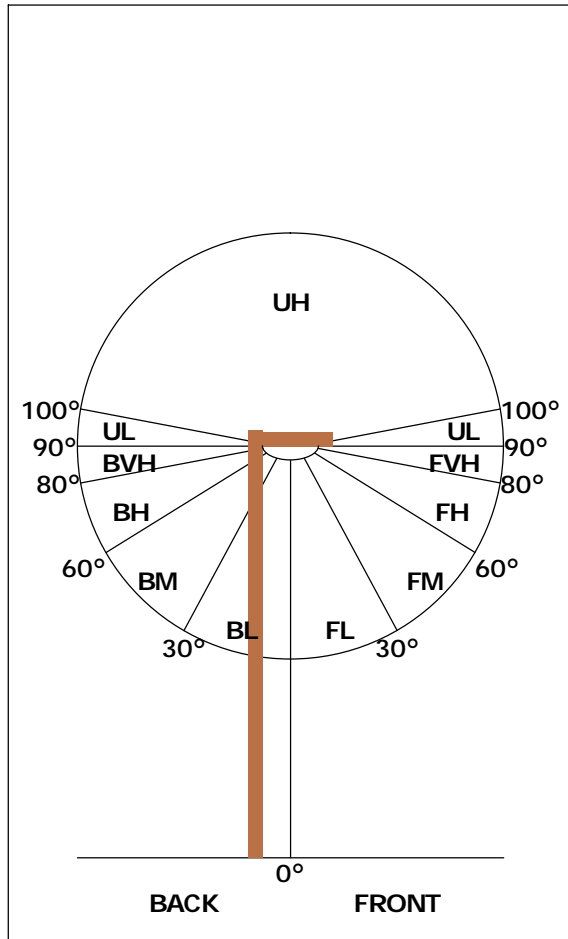
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	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
FORWARD LIGHT	156	40.5
FL (0°-30°)	123	31.9
FM (30°-60°)	30	7.8
FH (60°-80°)	3	0.8
FVH (80°-90°)	0	0.0
BACK LIGHT	228	59.3
BL (0°-30°)	170	44.3
BM (30°-60°)	53	13.7
BH (60°-80°)	4	1.2
BVH (80°-90°)	0	0.0
UP LIGHT	1	0.2
UL (90°-100°)	0	0.0
UH (100°-180°)	1	0.2
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: 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	0.85	0.92	0.96	0.99	1.03	1.06	1.07	1.10	1.11	
	0.30		0.81	0.87	0.92	0.95	0.99	1.02	1.05	1.07	1.09	
	0.20		0.77	0.84	0.88	0.92	0.97	1.00	1.02	1.05	1.08	
0.50	0.50	0.20	0.84	0.90	0.94	0.96	1.00	1.02	1.04	1.06	1.07	
	0.30		0.80	0.86	0.90	0.93	0.97	1.00	1.02	1.04	1.06	
	0.20		0.77	0.83	0.87	0.91	0.95	0.98	1.00	1.03	1.04	
0.30	0.50	0.20	0.83	0.88	0.92	0.94	0.97	0.99	1.01	1.02	1.03	
	0.30		0.79	0.85	0.89	0.92	0.95	0.97	0.99	1.01	1.02	
	0.20		0.76	0.82	0.86	0.89	0.93	0.96	0.97	1.00	1.01	
0.00	0.00	0.00	0.75	0.80	0.84	0.87	0.90	0.92	0.93	0.95	0.96	
<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	0.58	0.47	0.39	0.34	0.27	0.22	0.19	0.14	0.12	
	0.30		0.49	0.40	0.34	0.30	0.24	0.20	0.17	0.14	0.11	
	0.20		0.42	0.35	0.31	0.27	0.22	0.19	0.16	0.13	0.11	
0.50	0.50	0.20	0.55	0.44	0.37	0.32	0.25	0.24	0.17	0.13	0.11	
	0.30		0.47	0.38	0.33	0.28	0.23	0.19	0.16	0.12	0.10	
	0.20		0.41	0.34	0.29	0.26	0.21	0.17	0.15	0.12	0.10	
0.30	0.50	0.20	0.53	0.42	0.35	0.30	0.23	0.19	0.16	0.12	0.10	
	0.30		0.45	0.37	0.31	0.27	0.21	0.18	0.15	0.12	0.09	
	0.20		0.40	0.33	0.28	0.25	0.20	0.16	0.14	0.11	0.09	
0.00	0.00	0.00	0.26	0.20	0.17	0.14	0.11	0.09	0.07	0.06	0.05	
<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	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21	
	0.30		0.09	0.11	0.13	0.14	0.15	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	0.13	0.14	0.15	0.16	0.17	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	
0.30	0.50	0.20	0.12	0.14	0.15	0.16	0.17	0.18	0.18	0.19	0.19	
	0.30		0.09	0.10	0.12	0.13	0.15	0.16	0.17	0.18	0.18	
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
<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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	632.1	0.6	0.6	0.16	0.16
1.0-2.0	630.4	1.8	2.4	0.47	0.63
2.0-3.0	626.5	3.0	5.4	0.78	1.41
3.0-4.0	620.7	4.2	9.6	1.08	2.49
4.0-5.0	613.5	5.3	14.8	1.37	3.86
5.0-6.0	604.9	6.4	21.2	1.65	5.52
6.0-7.0	595.0	7.4	28.6	1.92	7.44
7.0-8.0	583.8	8.4	36.9	2.17	9.61
8.0-9.0	571.3	9.3	46.2	2.41	12.02
9.0-10.0	557.8	10.1	56.3	2.63	14.65
10.0-11.0	543.0	10.9	67.2	2.82	17.48
11.0-12.0	527.3	11.5	78.7	3.00	20.48
12.0-13.0	510.4	12.1	90.8	3.15	23.63
13.0-14.0	492.0	12.6	103.4	3.28	26.91
14.0-15.0	472.5	13.0	116.4	3.38	30.28
15.0-16.0	451.6	13.2	129.6	3.44	33.73
16.0-17.0	429.9	13.4	143.0	3.48	37.21
17.0-18.0	408.1	13.5	156.4	3.50	40.71
18.0-19.0	386.0	13.4	169.9	3.50	44.21
19.0-20.0	363.3	13.3	183.2	3.46	47.67
20.0-21.0	340.7	13.1	196.3	3.41	51.07
21.0-22.0	318.1	12.8	209.0	3.33	54.40
22.0-23.0	295.3	12.4	221.4	3.23	57.63
23.0-24.0	272.8	11.9	233.4	3.10	60.73
24.0-25.0	251.2	11.4	244.8	2.97	63.70
25.0-26.0	230.2	10.9	255.7	2.83	66.53
26.0-27.0	209.6	10.3	265.9	2.67	69.20
27.0-28.0	190.1	9.6	275.5	2.51	71.71
28.0-29.0	171.8	9.0	284.5	2.34	74.05
29.0-30.0	154.6	8.3	292.9	2.17	76.22
30.0-31.0	138.7	7.7	300.6	2.01	78.23
31.0-32.0	124.0	7.1	307.7	1.85	80.08
32.0-33.0	110.5	6.5	314.2	1.69	81.77
33.0-34.0	98.1	5.9	320.1	1.55	83.32
34.0-35.0	87.0	5.4	325.5	1.41	84.72
35.0-36.0	76.9	4.9	330.4	1.27	86.00

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:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	68.0	4.4	334.9	1.15	87.15
37.0-38.0	60.1	4.0	338.9	1.04	88.20
38.0-39.0	53.1	3.6	342.5	0.94	89.14
39.0-40.0	46.8	3.3	345.8	0.85	89.99
40.0-41.0	41.5	3.0	348.7	0.77	90.76
41.0-42.0	36.8	2.7	351.4	0.70	91.45
42.0-43.0	32.7	2.4	353.8	0.63	92.08
43.0-44.0	29.1	2.2	356.0	0.57	92.66
44.0-45.0	26.1	2.0	358.0	0.52	93.18
45.0-46.0	23.4	1.8	359.9	0.48	93.66
46.0-47.0	21.2	1.7	361.6	0.44	94.09
47.0-48.0	19.2	1.6	363.1	0.40	94.50
48.0-49.0	17.5	1.4	364.5	0.37	94.87
49.0-50.0	16.0	1.3	365.9	0.35	95.22
50.0-51.0	14.8	1.3	367.1	0.33	95.55
51.0-52.0	13.7	1.2	368.3	0.31	95.85
52.0-53.0	12.8	1.1	369.4	0.29	96.14
53.0-54.0	11.9	1.1	370.5	0.27	96.42
54.0-55.0	11.2	1.0	371.5	0.26	96.68
55.0-56.0	10.5	0.9	372.4	0.25	96.92
56.0-57.0	9.9	0.9	373.3	0.23	97.16
57.0-58.0	9.3	0.9	374.2	0.22	97.38
58.0-59.0	8.8	0.8	375.0	0.21	97.60
59.0-60.0	8.3	0.8	375.8	0.20	97.80
60.0-61.0	7.9	0.7	376.6	0.20	98.00
61.0-62.0	7.4	0.7	377.3	0.19	98.18
62.0-63.0	6.9	0.7	377.9	0.18	98.36
63.0-64.0	6.5	0.6	378.6	0.17	98.52
64.0-65.0	6.1	0.6	379.2	0.16	98.68
65.0-66.0	5.6	0.6	379.7	0.15	98.82
66.0-67.0	5.2	0.5	380.3	0.14	98.96
67.0-68.0	4.7	0.5	380.7	0.12	99.08
68.0-69.0	4.3	0.4	381.2	0.11	99.20
69.0-70.0	3.9	0.4	381.6	0.10	99.30
70.0-71.0	3.5	0.4	381.9	0.09	99.40
71.0-72.0	3.0	0.3	382.3	0.08	99.48

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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	2.5	0.3	382.5	0.07	99.55
73.0-74.0	2.2	0.2	382.7	0.06	99.61
74.0-75.0	1.8	0.2	382.9	0.05	99.66
75.0-76.0	1.5	0.2	383.1	0.04	99.70
76.0-77.0	1.2	0.1	383.2	0.03	99.73
77.0-78.0	0.9	0.1	383.3	0.02	99.76
78.0-79.0	0.6	0.1	383.4	0.02	99.77
79.0-80.0	0.4	0.0	383.4	0.01	99.78
80.0-81.0	0.3	0.0	383.4	0.01	99.79
81.0-82.0	0.2	0.0	383.5	0.01	99.80
82.0-83.0	0.1	0.0	383.5	0.00	99.80
83.0-84.0	0.0	0.0	383.5	0.00	99.80
84.0-85.0	0.0	0.0	383.5	0.00	99.80
85.0-86.0	0.0	0.0	383.5	0.00	99.80
86.0-87.0	0.0	0.0	383.5	0.00	99.80
87.0-88.0	0.0	0.0	383.5	0.00	99.80
88.0-89.0	0.0	0.0	383.5	0.00	99.80
89.0-90.0	0.0	0.0	383.5	0.00	99.80
90.0-91.0	0.0	0.0	383.5	0.00	99.80
91.0-92.0	0.0	0.0	383.5	0.00	99.80
92.0-93.0	0.0	0.0	383.5	0.00	99.80
93.0-94.0	0.0	0.0	383.5	0.00	99.80
94.0-95.0	0.0	0.0	383.5	0.00	99.80
95.0-96.0	0.0	0.0	383.5	0.00	99.80
96.0-97.0	0.0	0.0	383.5	0.00	99.80
97.0-98.0	0.0	0.0	383.5	0.00	99.80
98.0-99.0	0.0	0.0	383.5	0.00	99.80
99.0-100.0	0.0	0.0	383.5	0.00	99.80
100.0-101.0	0.0	0.0	383.5	0.00	99.80
101.0-102.0	0.0	0.0	383.5	0.00	99.80
102.0-103.0	0.0	0.0	383.5	0.00	99.80
103.0-104.0	0.0	0.0	383.5	0.00	99.80
104.0-105.0	0.0	0.0	383.5	0.00	99.80
105.0-106.0	0.0	0.0	383.5	0.00	99.80
106.0-107.0	0.0	0.0	383.5	0.00	99.80
107.0-108.0	0.0	0.0	383.5	0.00	99.80

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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	383.5	0.00	99.80
109.0-110.0	0.0	0.0	383.5	0.00	99.80
110.0-111.0	0.0	0.0	383.5	0.00	99.80
111.0-112.0	0.0	0.0	383.5	0.00	99.80
112.0-113.0	0.0	0.0	383.5	0.00	99.80
113.0-114.0	0.0	0.0	383.5	0.00	99.80
114.0-115.0	0.0	0.0	383.5	0.00	99.80
115.0-116.0	0.0	0.0	383.5	0.00	99.80
116.0-117.0	0.0	0.0	383.5	0.00	99.80
117.0-118.0	0.0	0.0	383.5	0.00	99.80
118.0-119.0	0.0	0.0	383.5	0.00	99.80
119.0-120.0	0.0	0.0	383.5	0.00	99.80
120.0-121.0	0.0	0.0	383.5	0.00	99.80
121.0-122.0	0.0	0.0	383.5	0.00	99.80
122.0-123.0	0.0	0.0	383.5	0.00	99.80
123.0-124.0	0.0	0.0	383.5	0.00	99.80
124.0-125.0	0.0	0.0	383.5	0.00	99.80
125.0-126.0	0.0	0.0	383.5	0.00	99.80
126.0-127.0	0.0	0.0	383.5	0.00	99.80
127.0-128.0	0.0	0.0	383.5	0.00	99.80
128.0-129.0	0.0	0.0	383.5	0.00	99.80
129.0-130.0	0.0	0.0	383.5	0.00	99.80
130.0-131.0	0.0	0.0	383.5	0.00	99.80
131.0-132.0	0.0	0.0	383.5	0.00	99.80
132.0-133.0	0.0	0.0	383.5	0.00	99.80
133.0-134.0	0.0	0.0	383.5	0.00	99.80
134.0-135.0	0.0	0.0	383.5	0.00	99.80
135.0-136.0	0.0	0.0	383.5	0.00	99.80
136.0-137.0	0.0	0.0	383.5	0.00	99.80
137.0-138.0	0.0	0.0	383.5	0.00	99.80
138.0-139.0	0.0	0.0	383.5	0.00	99.80
139.0-140.0	0.0	0.0	383.5	0.00	99.80
140.0-141.0	0.0	0.0	383.5	0.00	99.80
141.0-142.0	0.0	0.0	383.5	0.00	99.80
142.0-143.0	0.0	0.0	383.5	0.00	99.80
143.0-144.0	0.0	0.0	383.5	0.00	99.80

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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	0.0	0.0	383.5	0.00	99.80
145.0-146.0	0.0	0.0	383.5	0.00	99.80
146.0-147.0	0.0	0.0	383.5	0.00	99.80
147.0-148.0	0.1	0.0	383.5	0.00	99.80
148.0-149.0	0.0	0.0	383.5	0.00	99.80
149.0-150.0	0.2	0.0	383.5	0.00	99.80
150.0-151.0	0.3	0.0	383.5	0.00	99.81
151.0-152.0	0.4	0.0	383.5	0.01	99.81
152.0-153.0	0.5	0.0	383.6	0.01	99.82
153.0-154.0	0.5	0.0	383.6	0.01	99.83
154.0-155.0	0.6	0.0	383.6	0.01	99.83
155.0-156.0	0.7	0.0	383.6	0.01	99.84
156.0-157.0	0.7	0.0	383.7	0.01	99.85
157.0-158.0	0.7	0.0	383.7	0.01	99.86
158.0-159.0	0.8	0.0	383.7	0.01	99.87
159.0-160.0	0.8	0.0	383.8	0.01	99.87
160.0-161.0	0.9	0.0	383.8	0.01	99.88
161.0-162.0	1.0	0.0	383.8	0.01	99.89
162.0-163.0	1.2	0.0	383.9	0.01	99.90
163.0-164.0	1.2	0.0	383.9	0.01	99.91
164.0-165.0	1.3	0.0	383.9	0.01	99.92
165.0-166.0	1.3	0.0	384.0	0.01	99.93
166.0-167.0	1.4	0.0	384.0	0.01	99.94
167.0-168.0	1.3	0.0	384.1	0.01	99.95
168.0-169.0	1.3	0.0	384.1	0.01	99.95
169.0-170.0	1.4	0.0	384.1	0.01	99.96
170.0-171.0	1.5	0.0	384.1	0.01	99.97
171.0-172.0	1.5	0.0	384.2	0.01	99.98
172.0-173.0	1.6	0.0	384.2	0.01	99.98
173.0-174.0	1.6	0.0	384.2	0.01	99.99
174.0-175.0	1.6	0.0	384.2	0.00	99.99
175.0-176.0	1.5	0.0	384.2	0.00	99.99
176.0-177.0	1.6	0.0	384.2	0.00	100.00
177.0-178.0	1.6	0.0	384.2	0.00	100.00
178.0-179.0	1.6	0.0	384.3	0.00	100.00
179.0-180.0	1.6	0.0	384.3	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	639.9	637.1	634.1	630.6	627.8	625.0	639.9	637.1	634.1	630.6
G1.0	627.2	628.5	631.5	635.4	638.0	638.7	652.0	644.7	634.6	624.7
G2.0	612.5	617.4	626.6	637.5	645.3	649.1	660.2	649.0	633.3	616.8
G3.0	597.5	604.8	619.0	636.8	650.9	657.0	665.7	650.1	628.9	606.8
G4.0	581.1	591.4	610.6	634.4	654.4	662.5	668.8	649.0	622.8	594.9
G5.0	565.2	578.2	601.5	631.0	655.2	665.7	669.8	646.6	614.7	583.0
G6.0	546.2	563.9	591.3	625.8	654.8	668.0	668.5	641.3	605.3	568.9
G7.0	529.3	548.9	579.9	618.7	652.5	668.3	665.6	634.0	593.8	552.4
G8.0	511.3	533.5	568.5	610.4	648.3	667.1	661.0	625.6	581.4	533.8
G9.0	492.9	516.6	556.3	600.6	642.0	664.2	655.6	615.5	566.0	515.4
G10.0	473.9	501.3	542.3	590.6	634.5	659.4	648.9	603.5	549.7	495.0
G11.0	455.0	485.1	528.1	578.5	624.8	653.4	639.6	589.3	532.2	474.1
G12.0	435.7	467.3	512.7	566.3	613.6	645.6	629.8	574.5	512.3	452.3
G13.0	413.9	447.4	496.6	553.1	600.5	636.0	618.1	559.2	490.6	428.1
G14.0	391.9	427.9	478.8	537.7	587.1	623.5	604.3	541.8	465.5	404.7
G15.0	369.1	408.0	460.4	520.1	572.1	607.1	587.5	522.0	442.1	380.3
G16.0	346.6	386.9	440.3	499.5	555.7	589.9	565.3	498.4	418.3	356.2
G17.0	323.9	365.9	421.1	480.8	538.3	571.1	543.8	474.4	393.5	329.5
G18.0	302.2	345.4	402.0	462.8	520.4	551.8	519.8	450.7	367.0	305.5
G19.0	278.6	322.7	383.0	443.8	499.9	531.0	495.9	425.3	341.9	281.7
G20.0	256.7	301.8	362.8	422.6	480.0	506.1	468.5	398.7	317.0	257.7
G21.0	235.9	280.7	340.1	402.3	458.8	483.0	443.1	373.3	293.3	235.3
G22.0	213.5	258.1	318.6	381.2	435.8	458.1	416.8	346.7	268.7	211.5
G23.0	193.1	237.0	297.8	359.6	413.3	430.4	389.8	320.9	242.7	191.3
G24.0	174.3	216.4	274.4	337.3	389.4	406.2	360.3	292.6	220.2	172.7
G25.0	157.2	196.8	253.2	313.4	365.9	380.3	335.2	269.6	198.9	155.0
G26.0	140.6	176.2	232.6	290.5	339.8	353.5	306.6	243.5	179.3	138.7
G27.0	123.9	158.3	211.4	268.5	317.5	324.8	280.6	220.1	159.2	122.3
G28.0	110.1	141.4	191.6	247.3	291.5	299.2	254.2	199.1	142.6	109.0
G29.0	97.0	126.1	170.8	226.1	268.8	273.3	230.2	176.9	126.7	96.6
G30.0	85.6	110.8	152.9	203.7	245.9	250.2	208.4	158.2	112.8	85.3
G31.0	74.4	98.5	136.4	184.4	222.1	227.8	187.6	141.2	100.1	74.7
G32.0	65.3	86.9	121.5	165.3	201.2	204.2	168.5	126.7	88.5	66.1
G33.0	57.3	76.3	106.3	146.8	181.3	184.3	150.3	111.1	77.9	58.6
G34.0	50.5	66.3	94.6	130.6	162.3	165.6	132.7	99.4	68.6	51.7
G35.0	44.0	58.3	83.6	115.6	143.5	146.0	118.1	87.8	60.9	45.8
G36.0	39.2	51.6	72.8	101.3	127.6	129.9	104.5	77.8	53.5	40.2

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	34.9	45.5	64.3	89.7	113.2	115.3	92.4	68.5	47.0	35.5
G38.0	30.9	39.6	56.7	78.9	99.9	102.0	81.8	60.2	41.9	31.7
G39.0	27.1	34.9	50.1	69.5	87.2	89.3	71.5	53.2	37.1	28.4
G40.0	24.0	31.1	44.3	60.7	76.7	78.8	63.4	47.5	33.0	25.4
G41.0	21.5	27.8	38.5	53.4	67.2	69.6	56.4	42.3	29.4	22.9
G42.0	19.3	24.7	34.0	46.0	59.2	61.5	50.1	37.9	26.6	20.9
G43.0	17.5	21.8	30.1	40.5	52.1	54.6	44.3	33.5	24.1	18.9
G44.0	15.8	19.6	26.7	35.7	45.5	48.0	39.3	30.1	21.8	17.3
G45.0	14.6	17.7	23.5	31.3	40.7	42.6	35.0	27.1	19.5	15.8
G46.0	13.6	16.1	21.0	27.8	36.1	38.1	31.2	24.5	17.8	14.6
G47.0	12.7	14.6	19.0	24.7	32.2	33.8	27.5	22.0	16.5	13.7
G48.0	12.1	13.6	17.0	22.1	28.5	30.0	25.0	20.3	15.1	12.8
G49.0	11.2	12.7	15.4	19.6	25.3	27.0	22.8	18.7	14.1	11.9
G50.0	10.7	11.9	14.4	17.6	22.8	24.4	20.6	17.2	13.0	11.3
G51.0	10.1	11.1	13.3	15.9	20.3	22.1	19.1	16.0	12.2	10.8
G52.0	9.8	10.8	12.3	14.6	18.5	19.9	17.4	14.8	11.6	10.1
G53.0	9.6	10.3	11.4	13.3	16.7	18.1	16.2	13.8	10.9	9.5
G54.0	9.4	9.9	10.7	12.2	15.2	16.7	14.9	12.9	10.1	9.0
G55.0	9.1	9.4	10.1	11.4	14.1	15.4	13.8	12.0	9.7	8.6
G56.0	8.6	9.1	9.4	10.6	13.0	14.2	12.8	11.2	9.3	7.8
G57.0	8.2	8.9	9.0	10.1	11.9	13.4	12.0	10.6	8.7	7.3
G58.0	7.6	8.6	8.7	9.6	10.9	12.5	11.4	10.2	8.0	6.9
G59.0	7.3	8.4	8.5	9.1	10.2	11.7	10.9	9.5	7.6	6.4
G60.0	6.9	7.9	8.1	8.6	9.5	11.1	10.2	8.9	7.1	6.1
G61.0	6.7	7.6	7.7	8.1	8.8	10.5	9.7	8.4	6.7	5.7
G62.0	6.5	7.2	7.1	7.4	8.3	9.9	9.2	7.9	6.1	5.4
G63.0	6.0	6.8	6.8	6.9	7.8	9.6	8.5	7.6	5.8	4.9
G64.0	5.7	6.4	6.3	6.4	7.4	9.0	8.1	7.2	5.4	4.6
G65.0	5.2	5.9	5.6	6.0	6.9	8.6	7.6	6.7	4.9	3.8
G66.0	4.7	5.7	5.4	5.6	6.4	8.1	7.2	6.3	4.4	3.3
G67.0	4.3	5.0	5.1	5.0	6.0	7.6	6.6	5.8	4.1	2.9
G68.0	3.8	4.7	4.9	4.6	5.4	7.2	6.3	5.4	3.7	2.3
G69.0	3.5	4.6	4.4	4.1	5.0	6.7	5.8	5.0	3.1	1.9
G70.0	3.3	4.0	4.1	3.7	4.7	6.4	5.6	4.4	2.6	1.6
G71.0	2.7	3.7	3.6	3.3	3.7	6.0	5.1	4.0	2.1	1.3
G72.0	2.4	3.3	3.0	2.7	3.1	5.5	4.7	3.7	1.8	0.0
G73.0	2.3	3.0	2.5	2.3	2.8	4.8	4.4	3.2	1.4	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 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	2.1	2.5	2.3	1.9	2.2	4.5	4.0	3.0	1.1	0.0
G75.0	1.6	2.2	2.0	1.5	2.0	4.0	3.5	2.3	0.0	0.0
G76.0	1.4	1.9	1.5	1.2	1.5	3.5	3.1	1.9	0.0	0.0
G77.0	1.0	1.6	1.2	0.0	1.2	3.1	2.7	1.6	0.0	0.0
G78.0	0.0	1.3	0.0	0.0	1.1	2.8	2.3	1.4	0.0	0.0
G79.0	0.0	0.0	0.0	0.0	0.0	2.4	2.1	1.0	0.0	0.0
G80.0	0.0	0.0	0.0	0.0	0.0	1.8	1.7	0.0	0.0	0.0
G81.0	0.0	0.0	0.0	0.0	0.0	1.4	1.4	0.0	0.0	0.0
G82.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	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	0.0
G84.0	0.0	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	0.0
G86.0	0.0	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	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	0.0	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	0.0
G119.0	0.0	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	0.0
G121.0	0.0	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	0.0
G123.0	0.0	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	0.0
G125.0	0.0	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	0.0
G127.0	0.0	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	0.0
G129.0	0.0	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	0.0
G131.0	0.0	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	0.0
G133.0	0.0	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	0.0	0.0	0.0	0.0	0.0
G135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0
G137.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G141.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G142.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G143.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G146.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G147.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9
G149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G150.0	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G151.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G152.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1
G153.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0
G154.0	1.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1
G155.0	1.2	1.3	0.9	0.0	0.0	0.0	0.0	0.0	1.0	1.1
G156.0	1.2	1.3	1.0	0.0	0.0	0.0	0.0	0.0	1.2	1.2
G157.0	1.1	1.2	1.1	0.0	0.0	0.0	0.0	0.0	1.1	1.2
G158.0	1.2	1.2	1.1	0.0	0.0	0.0	0.0	0.9	1.1	1.3
G159.0	1.2	1.2	1.3	0.0	0.0	0.0	0.0	0.9	1.2	1.3
G160.0	1.2	1.3	1.2	0.9	0.0	0.0	0.0	0.0	1.3	1.3
G161.0	1.2	1.4	1.3	1.0	0.0	1.0	0.0	0.0	1.3	1.4
G162.0	1.3	1.4	1.3	1.0	1.0	1.2	0.0	1.1	1.4	1.4
G163.0	1.4	1.3	1.2	1.1	1.0	1.2	0.0	1.1	1.4	1.4
G164.0	1.4	1.3	1.1	1.2	1.0	1.2	0.0	1.1	1.4	1.5
G165.0	1.5	1.4	1.2	1.2	1.2	1.2	1.0	1.2	1.5	1.5
G166.0	1.5	1.5	1.3	1.2	1.2	1.4	0.9	1.0	1.5	1.6
G167.0	1.5	1.5	1.2	1.2	1.2	1.4	1.0	1.2	1.4	1.6
G168.0	1.5	1.6	1.2	1.3	1.4	1.4	0.0	1.2	1.5	1.7
G169.0	1.5	1.7	1.4	1.3	1.3	1.4	0.0	1.2	1.6	1.5
G170.0	1.5	1.7	1.5	1.3	1.3	1.6	0.9	1.2	1.7	1.4
G171.0	1.4	1.6	1.5	1.3	1.6	1.7	1.2	1.3	1.6	1.5
G172.0	1.4	1.6	1.4	1.4	1.6	1.6	1.1	1.3	1.8	1.6
G173.0	1.6	1.6	1.5	1.4	1.9	1.8	1.2	1.3	1.8	1.5
G174.0	1.6	1.7	1.5	1.6	1.8	1.7	1.2	1.5	1.9	1.3
G175.0	1.5	1.8	1.4	1.6	1.6	1.6	1.3	1.4	1.8	1.4
G176.0	1.5	1.5	1.6	1.4	1.8	1.7	1.4	1.4	1.9	1.4
G177.0	1.4	1.7	1.5	1.6	1.8	1.7	1.3	1.5	1.8	1.6
G178.0	1.6	1.7	1.5	1.6	1.9	1.9	1.3	1.4	1.8	1.6
G179.0	1.5	1.8	1.6	1.5	1.9	1.7	1.4	1.4	1.8	1.4
G180.0	1.6	1.6	1.7	1.6	1.8	1.7	1.4	1.6	1.8	1.6

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	627.8	625.0	639.9							
G1.0	615.4	611.2	627.2							
G2.0	603.1	596.1	612.5							
G3.0	590.0	581.3	597.5							
G4.0	575.2	563.3	581.1							
G5.0	557.6	546.1	565.2							
G6.0	541.1	528.8	546.2							
G7.0	523.1	509.5	529.3							
G8.0	503.3	489.9	511.3							
G9.0	482.7	470.4	492.9							
G10.0	461.3	447.8	473.9							
G11.0	437.7	427.1	455.0							
G12.0	415.5	404.9	435.7							
G13.0	393.0	381.9	413.9							
G14.0	369.8	356.5	391.9							
G15.0	346.6	334.1	369.1							
G16.0	320.9	311.7	346.6							
G17.0	296.4	289.1	323.9							
G18.0	273.4	265.8	302.2							
G19.0	248.8	244.0	278.6							
G20.0	227.0	223.1	256.7							
G21.0	206.4	202.8	235.9							
G22.0	186.6	183.2	213.5							
G23.0	167.9	164.8	193.1							
G24.0	149.1	146.0	174.3							
G25.0	134.1	129.9	157.2							
G26.0	118.3	115.6	140.6							
G27.0	104.8	102.5	123.9							
G28.0	92.4	91.0	110.1							
G29.0	81.8	79.3	97.0							
G30.0	72.1	69.9	85.6							
G31.0	64.0	61.5	74.4							
G32.0	56.3	53.6	65.3							
G33.0	49.9	47.5	57.3							
G34.0	43.6	41.7	50.5							
G35.0	38.7	37.1	44.0							
G36.0	34.4	33.2	39.2							

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 6)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	30.6	29.3	34.9							
G38.0	27.1	26.3	30.9							
G39.0	24.4	23.6	27.1							
G40.0	22.1	21.3	24.0							
G41.0	19.8	19.2	21.5							
G42.0	18.1	17.3	19.3							
G43.0	16.5	15.8	17.5							
G44.0	15.1	14.7	15.8							
G45.0	14.1	13.9	14.6							
G46.0	13.1	12.9	13.6							
G47.0	12.3	12.2	12.7							
G48.0	11.6	11.4	12.1							
G49.0	11.0	10.9	11.2							
G50.0	10.4	10.3	10.7							
G51.0	9.9	9.9	10.1							
G52.0	9.6	9.6	9.8							
G53.0	9.1	9.2	9.6							
G54.0	8.6	8.9	9.4							
G55.0	8.2	8.4	9.1							
G56.0	7.7	8.0	8.6							
G57.0	7.3	7.6	8.2							
G58.0	6.9	7.3	7.6							
G59.0	6.3	6.8	7.3							
G60.0	6.1	6.5	6.9							
G61.0	5.4	6.1	6.7							
G62.0	4.9	5.8	6.5							
G63.0	4.5	5.5	6.0							
G64.0	4.2	5.0	5.7							
G65.0	3.8	4.5	5.2							
G66.0	3.5	4.2	4.7							
G67.0	2.9	3.8	4.3							
G68.0	2.6	3.5	3.8							
G69.0	2.0	3.1	3.5							
G70.0	1.8	2.5	3.3							
G71.0	1.2	2.2	2.7							
G72.0	1.0	1.8	2.4							
G73.0	0.0	1.5	2.3							

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 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	0.0	1.2	2.1							
G75.0	0.0	0.0	1.6							
G76.0	0.0	0.0	1.4							
G77.0	0.0	0.0	1.0							
G78.0	0.0	0.0	0.0							
G79.0	0.0	0.0	0.0							
G80.0	0.0	0.0	0.0							
G81.0	0.0	0.0	0.0							
G82.0	0.0	0.0	0.0							
G83.0	0.0	0.0	0.0							
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	0.0	0.0	0.0							
G119.0	0.0	0.0	0.0							
G120.0	0.0	0.0	0.0							
G121.0	0.0	0.0	0.0							
G122.0	0.0	0.0	0.0							
G123.0	0.0	0.0	0.0							
G124.0	0.0	0.0	0.0							
G125.0	0.0	0.0	0.0							
G126.0	0.0	0.0	0.0							
G127.0	0.0	0.0	0.0							
G128.0	0.0	0.0	0.0							
G129.0	0.0	0.0	0.0							
G130.0	0.0	0.0	0.0							
G131.0	0.0	0.0	0.0							
G132.0	0.0	0.0	0.0							
G133.0	0.0	0.0	0.0							
G134.0	0.0	0.0	0.0							
G135.0	0.0	0.0	0.0							
G136.0	0.0	0.0	0.0							
G137.0	0.0	0.0	0.0							
G138.0	0.0	0.0	0.0							
G139.0	0.0	0.0	0.0							
G140.0	0.0	0.0	0.0							
G141.0	0.0	0.0	0.0							
G142.0	0.0	0.0	0.0							
G143.0	0.0	0.0	0.0							
G144.0	0.0	0.0	0.0							
G145.0	0.0	0.0	0.0							
G146.0	0.0	0.0	0.0							
G147.0	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 9)

Unit: cd

GVC	C300.0	C330.0	C360.0							
G148.0	0.0	0.0	0.0							
G149.0	0.0	0.0	0.0							
G150.0	1.0	0.9	0.9							
G151.0	1.0	1.0	1.0							
G152.0	0.9	1.0	1.0							
G153.0	1.0	1.1	1.0							
G154.0	1.0	1.3	1.1							
G155.0	1.0	1.3	1.2							
G156.0	1.2	1.2	1.2							
G157.0	1.1	1.2	1.1							
G158.0	1.2	1.3	1.2							
G159.0	1.2	1.2	1.2							
G160.0	1.3	1.3	1.2							
G161.0	1.3	1.5	1.2							
G162.0	1.3	1.4	1.3							
G163.0	1.4	1.6	1.4							
G164.0	1.5	1.4	1.4							
G165.0	1.4	1.7	1.5							
G166.0	1.5	1.7	1.5							
G167.0	1.5	1.7	1.5							
G168.0	1.5	1.6	1.5							
G169.0	1.6	1.7	1.5							
G170.0	1.6	1.7	1.5							
G171.0	1.5	1.6	1.4							
G172.0	1.6	1.9	1.4							
G173.0	1.6	1.8	1.6							
G174.0	1.7	1.6	1.6							
G175.0	1.4	1.6	1.5							
G176.0	1.4	1.7	1.5							
G177.0	1.6	1.4	1.4							
G178.0	1.5	1.6	1.6							
G179.0	1.6	1.5	1.5							
G180.0	1.5	1.7	1.6							

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: