

Report No.:

Test Time: 2022/1/20 08:51

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MS-MR16-3B

Power: 4.39 W

Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 375.4 lm

Efficiency: 100%

Upward Ratio: 0%

Central Intensity: 1577.27 cd

Pos of Max. Intensity: H300 V3

Longitudinal Classification: Very Short

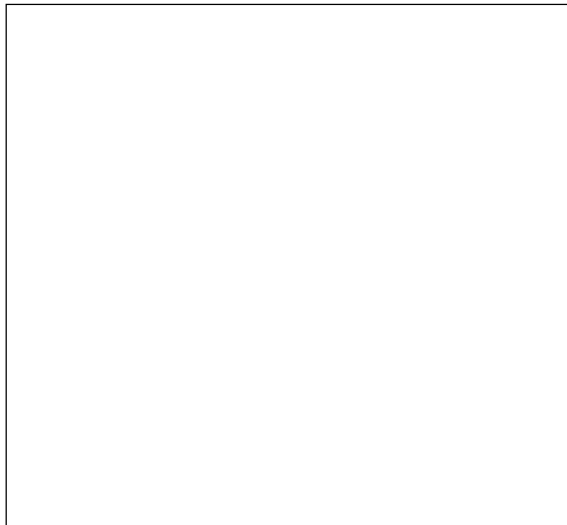
Measurement Flux: 375.4 lm

Downward Ratio: 100%

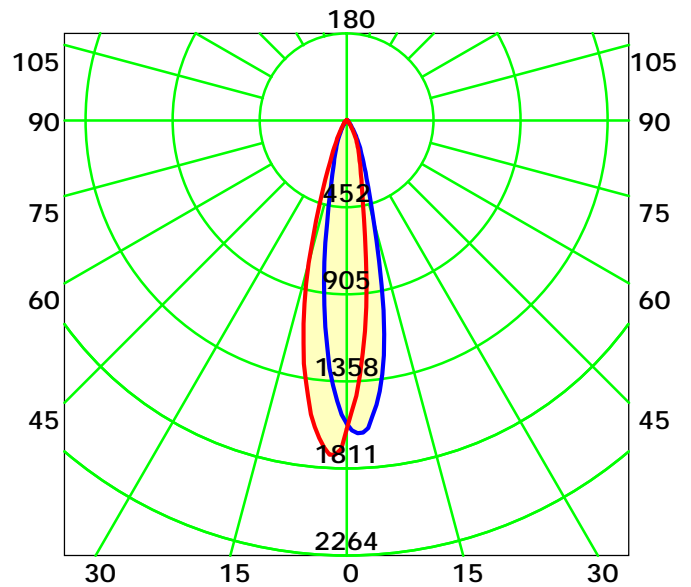
Luminaire Efficacy Rating (LER): 86

Max. Intensity: 1789.79 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 21.3° 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

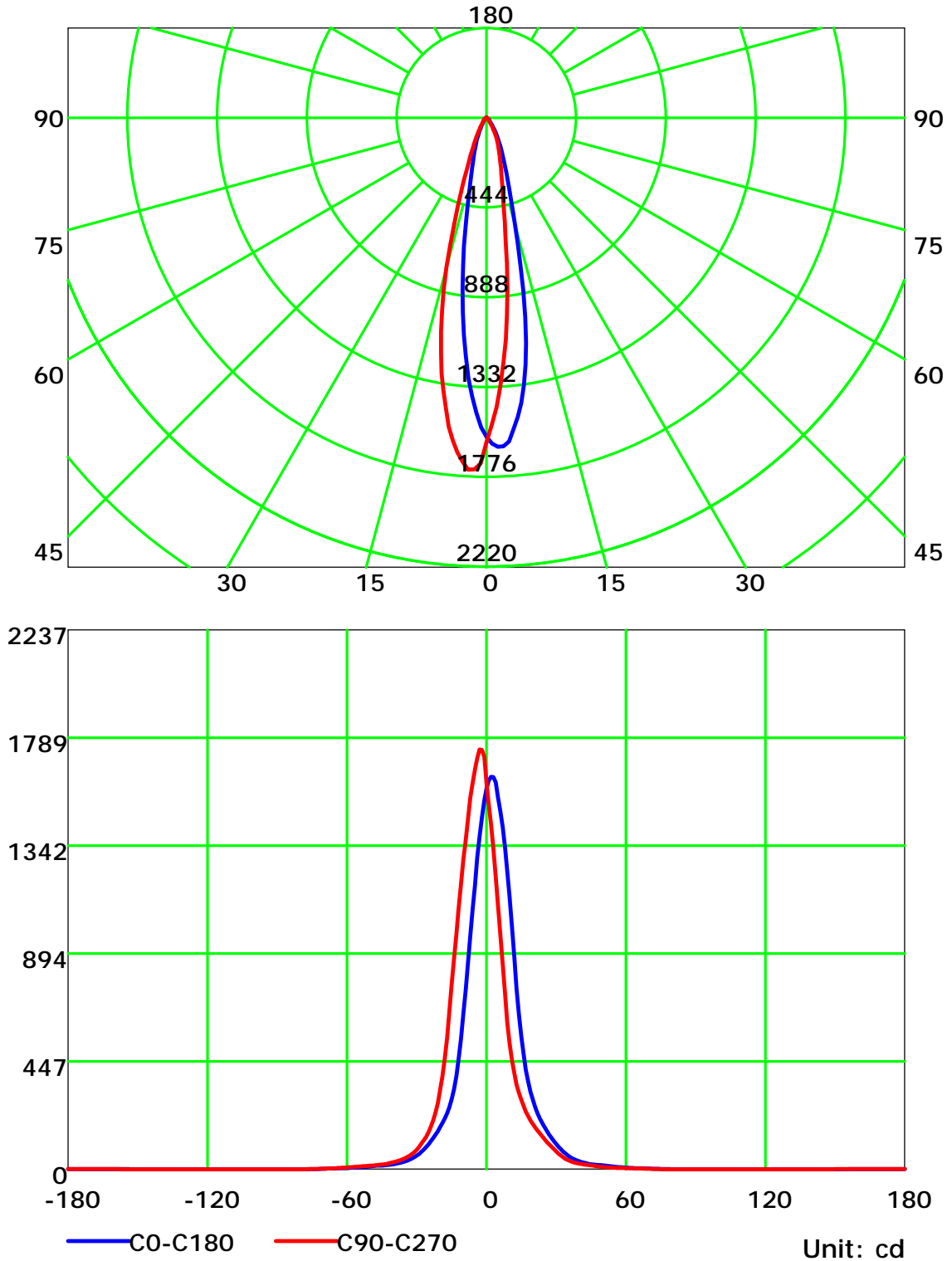
Test Device:

Distance:

Humidity:

Inspector:

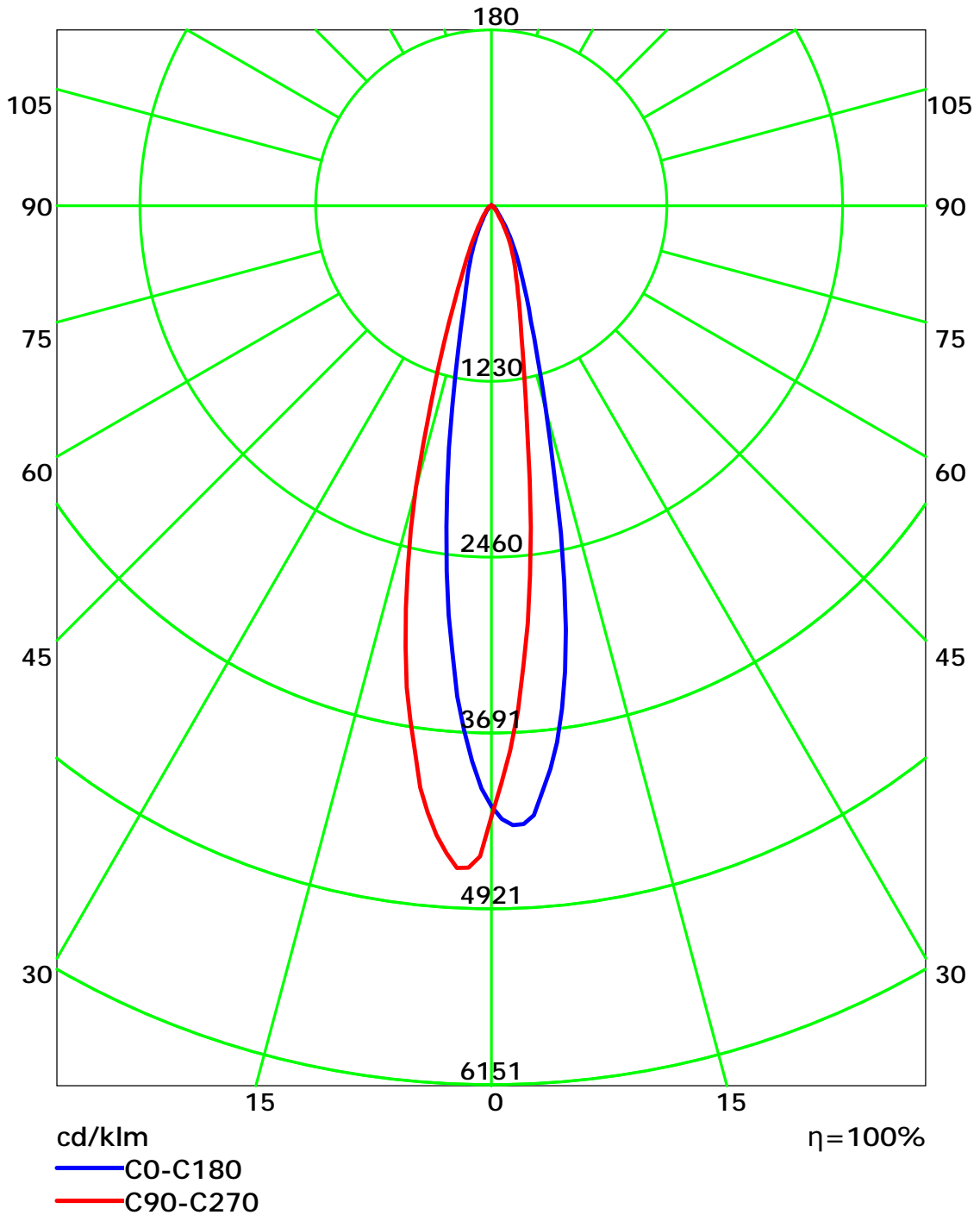
Luminous Intensity Distribution Curve



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)



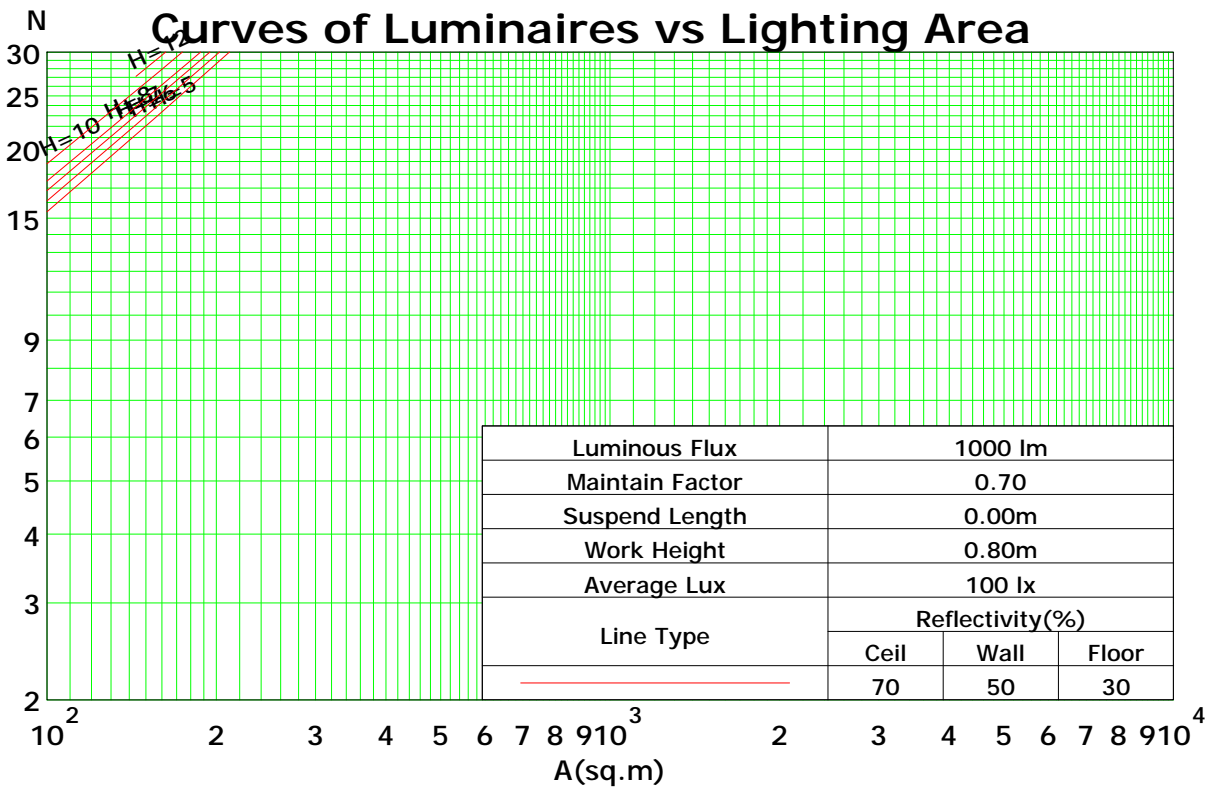
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	98	97	97	95
2	110	105	102	99	107	104	101	98	100	98	96	97	95	94	95	93	92	90
3	105	100	96	92	103	98	95	91	96	93	90	93	91	89	91	89	87	86
4	101	95	90	87	100	94	90	86	92	88	85	90	87	84	88	85	83	82
5	97	91	86	82	96	90	85	82	88	84	81	86	83	80	85	82	80	78
6	94	87	82	78	93	86	81	78	85	81	78	83	80	77	82	79	77	75
7	91	83	78	75	90	83	78	75	81	77	74	80	77	74	79	76	74	72
8	88	80	75	72	87	80	75	72	79	75	72	78	74	71	77	73	71	70
9	85	77	73	69	84	77	72	69	76	72	69	75	72	69	74	71	69	68
10	82	75	70	67	82	74	70	67	74	70	67	73	69	67	72	69	66	65

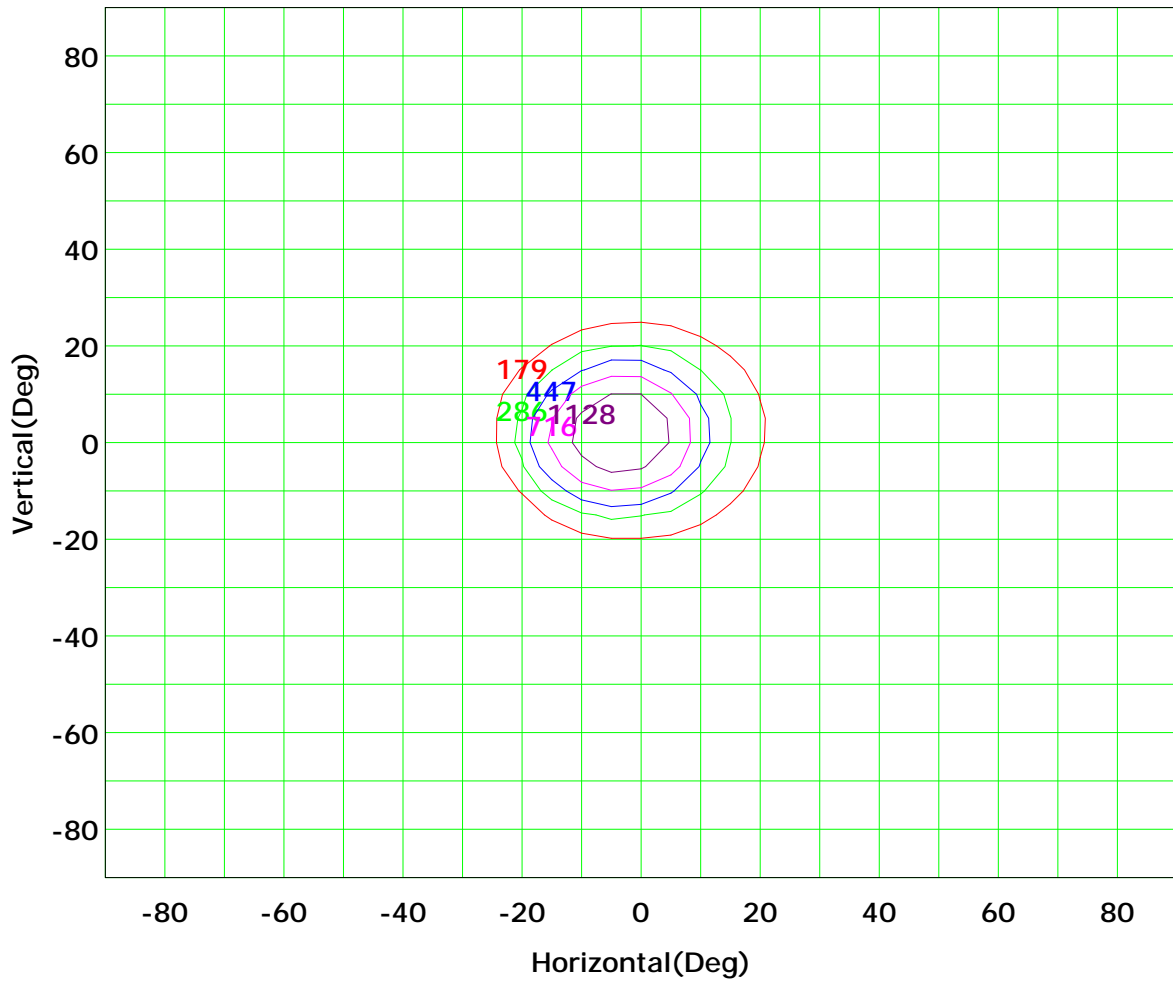
Spacing Criteria (0-180): 0.37
 Spacing Criteria (90-270): 0.38
 Spacing Criteria (Diagonal): 0.39



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)



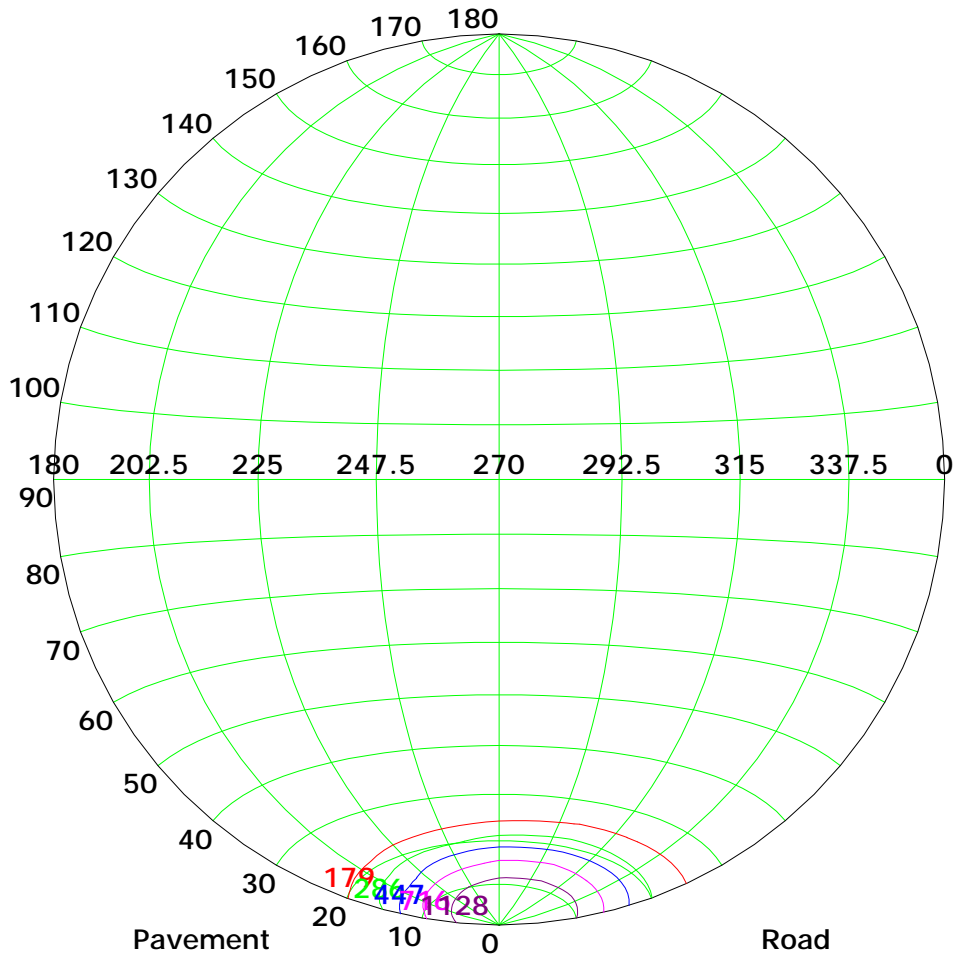
I_{max} (100%): 1790 cd

- | | |
|-------------------|-------------------|
| — (10%): 179 cd | — (16%): 286 cd |
| — (25%): 447 cd | — (40%): 716 cd |
| — (63%): 1128 cd | — (100%): 1790 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)



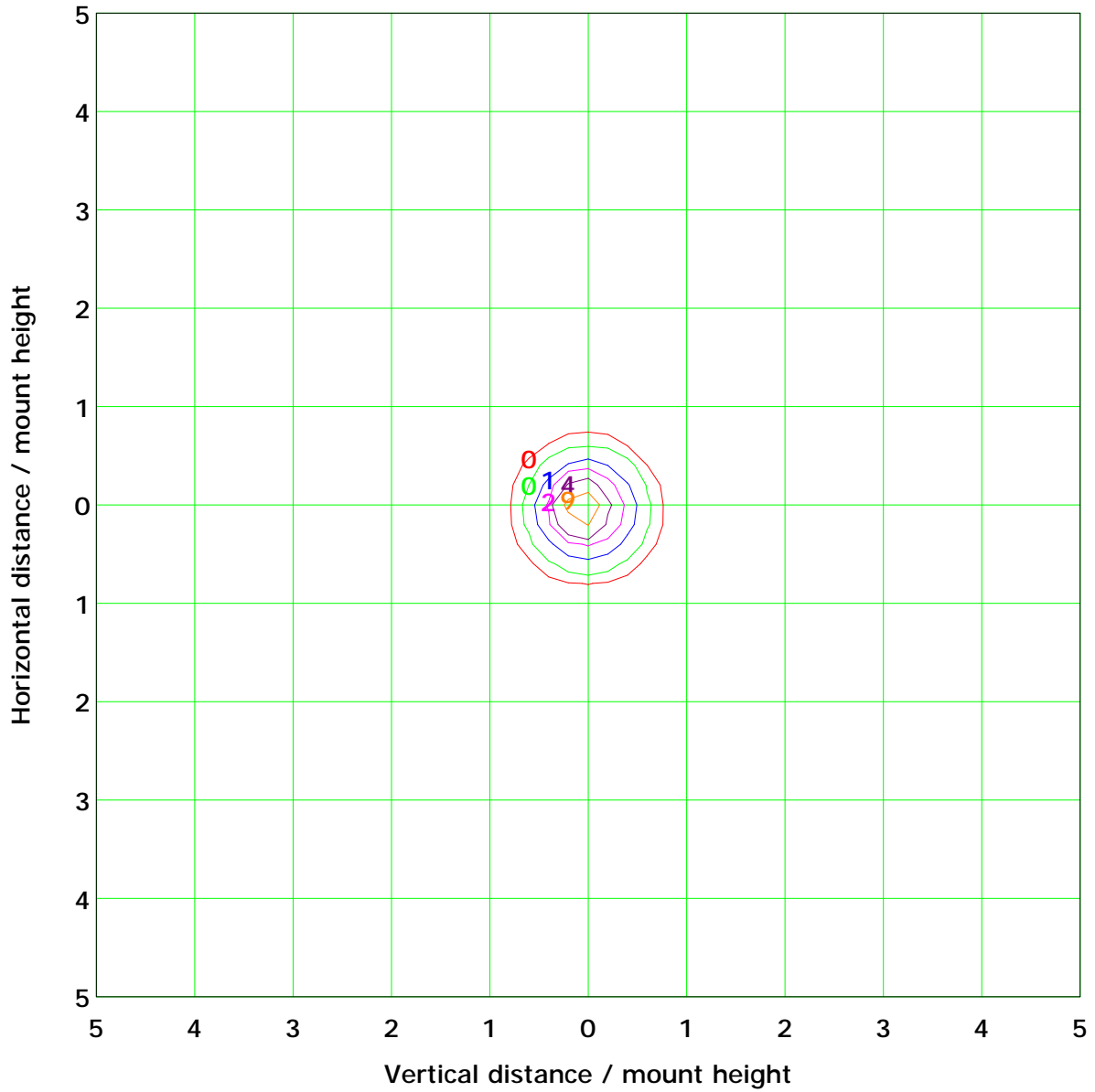
Imax (100%): 1790 cd

— (10%): 179 cd	— (16%): 286 cd
— (25%): 447 cd	— (40%): 716 cd
— (63%): 1128 cd	— (100%): 1790 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%): 17.8 lx

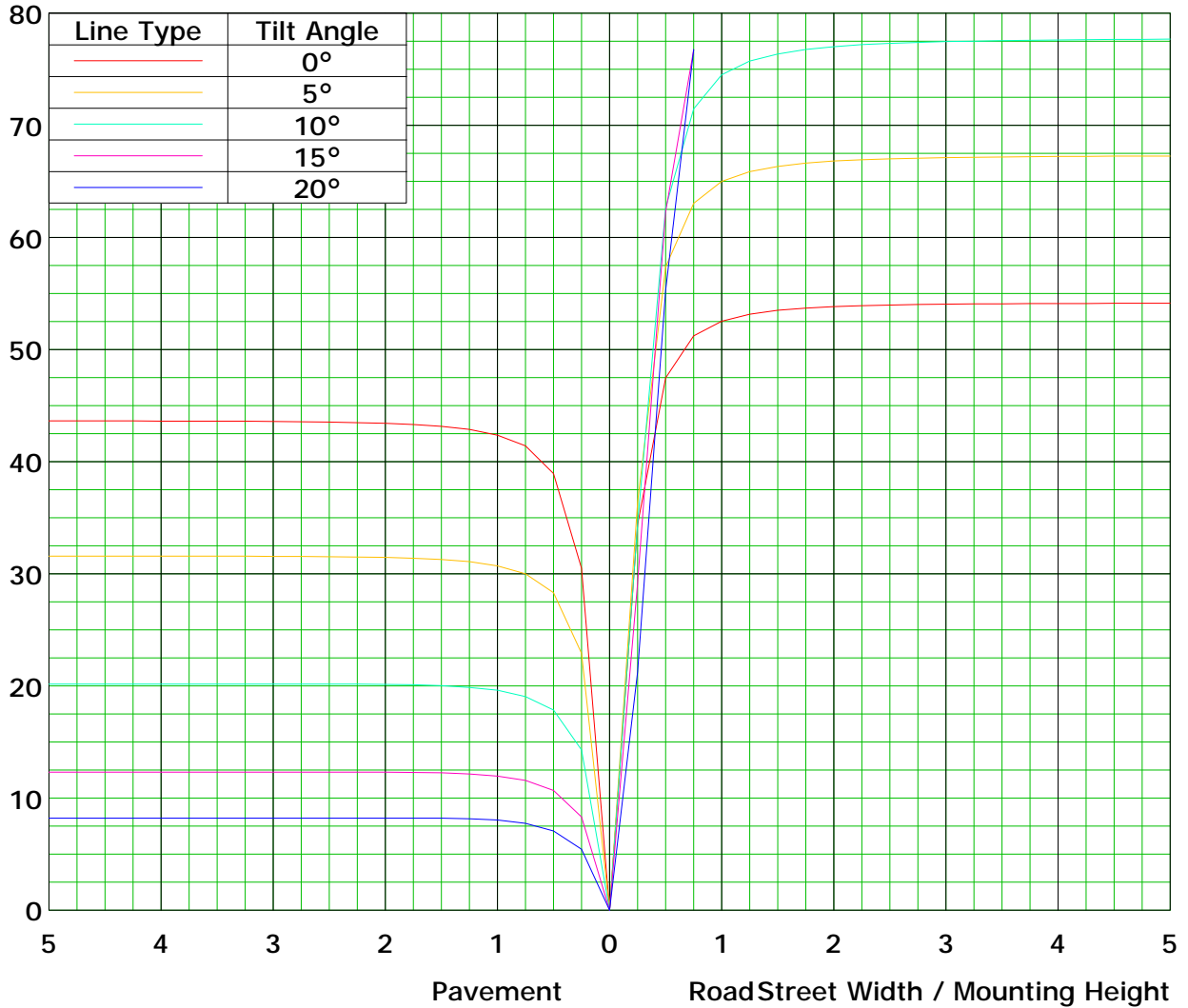
(1%): 0.2 lx	(2%): 0.4 lx
(5%): 0.9 lx	(10%): 1.8 lx
(20%): 3.6 lx	(50%): 8.9 lx
(100%): 17.8 lx	

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(%)



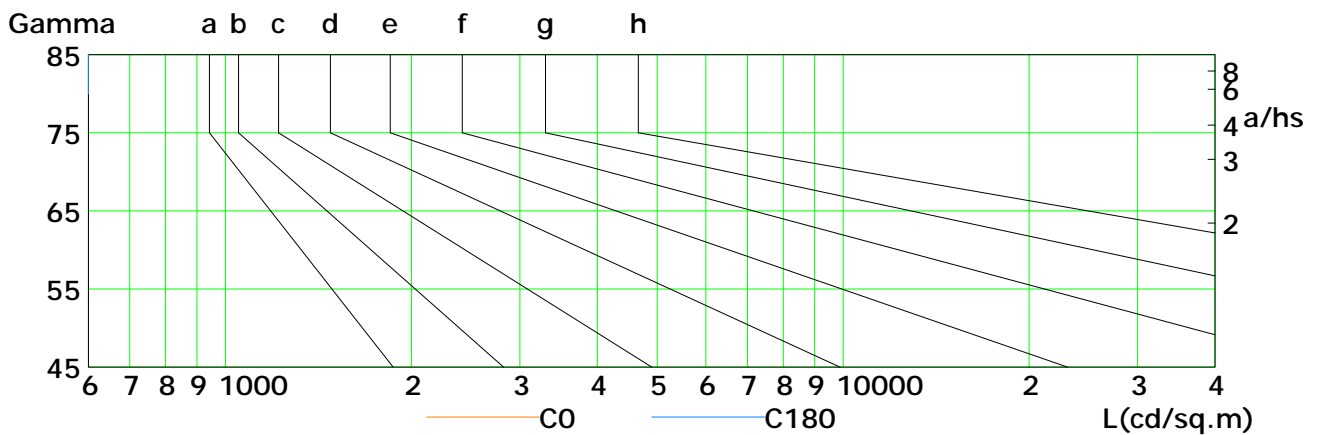
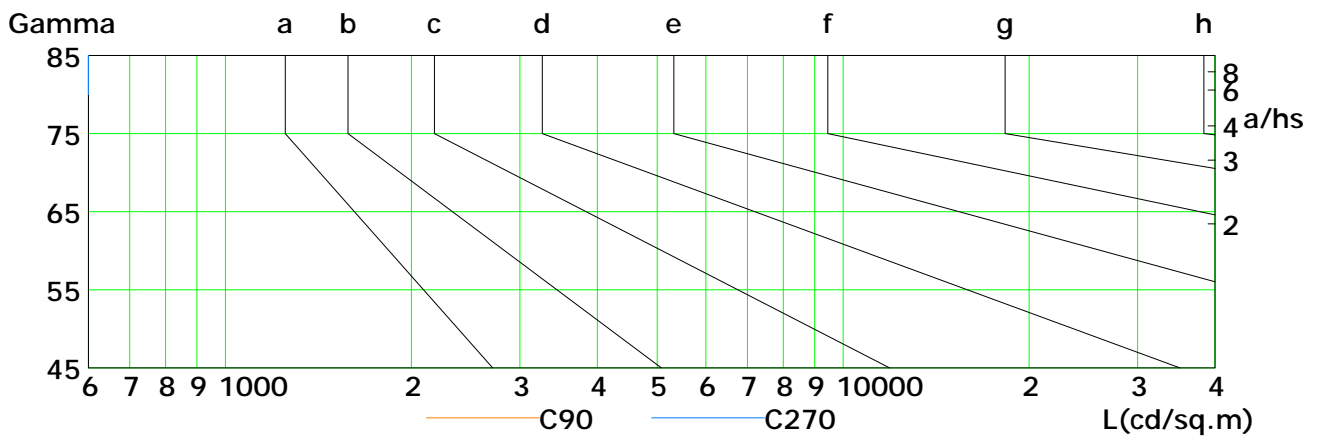
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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

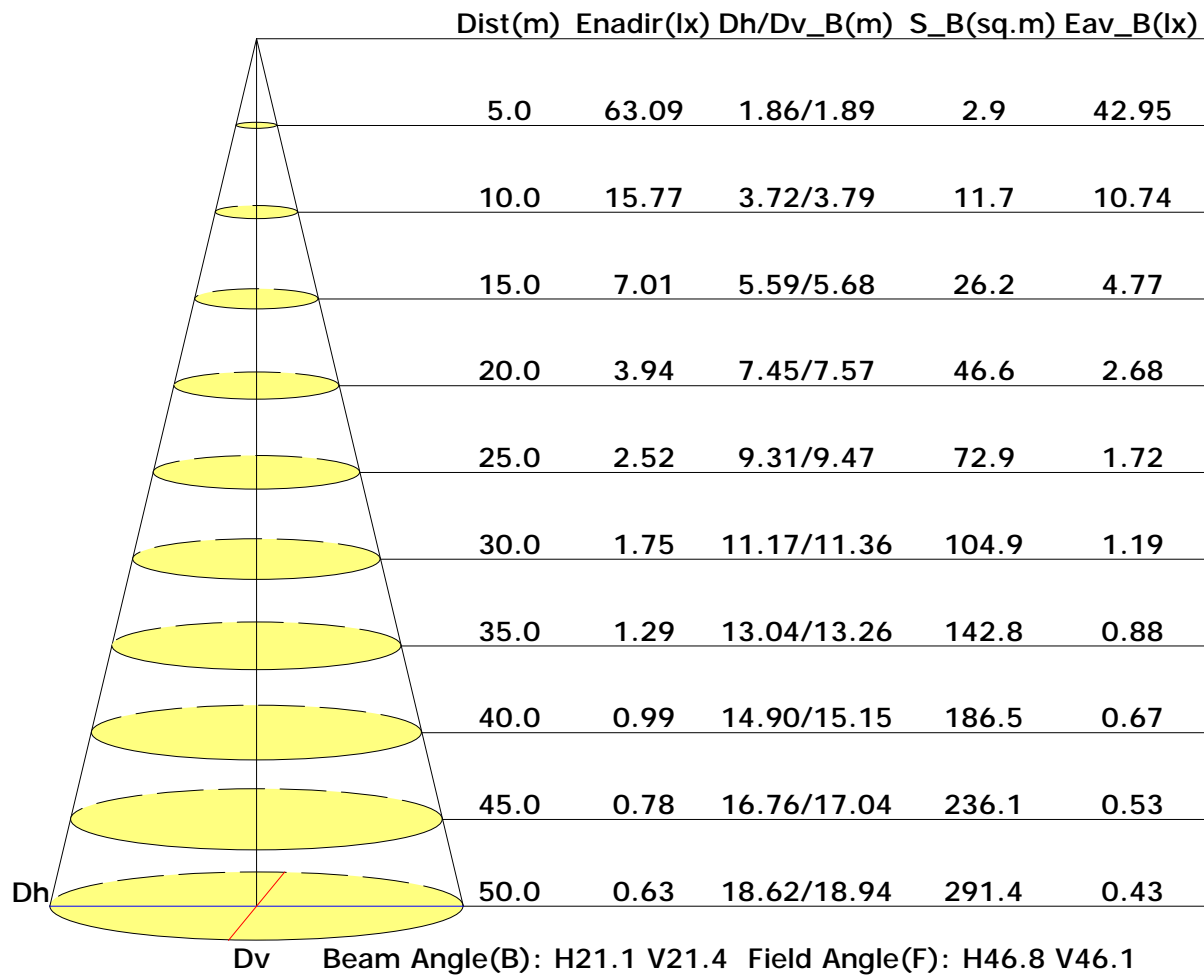


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	21	17	11	7	5	4	2	0	0
C90	17	10	7	5	4	2	1	0	0
C180	16	12	9	6	4	3	1	0	0
C270	20	16	12	8	5	3	1	0	0

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:

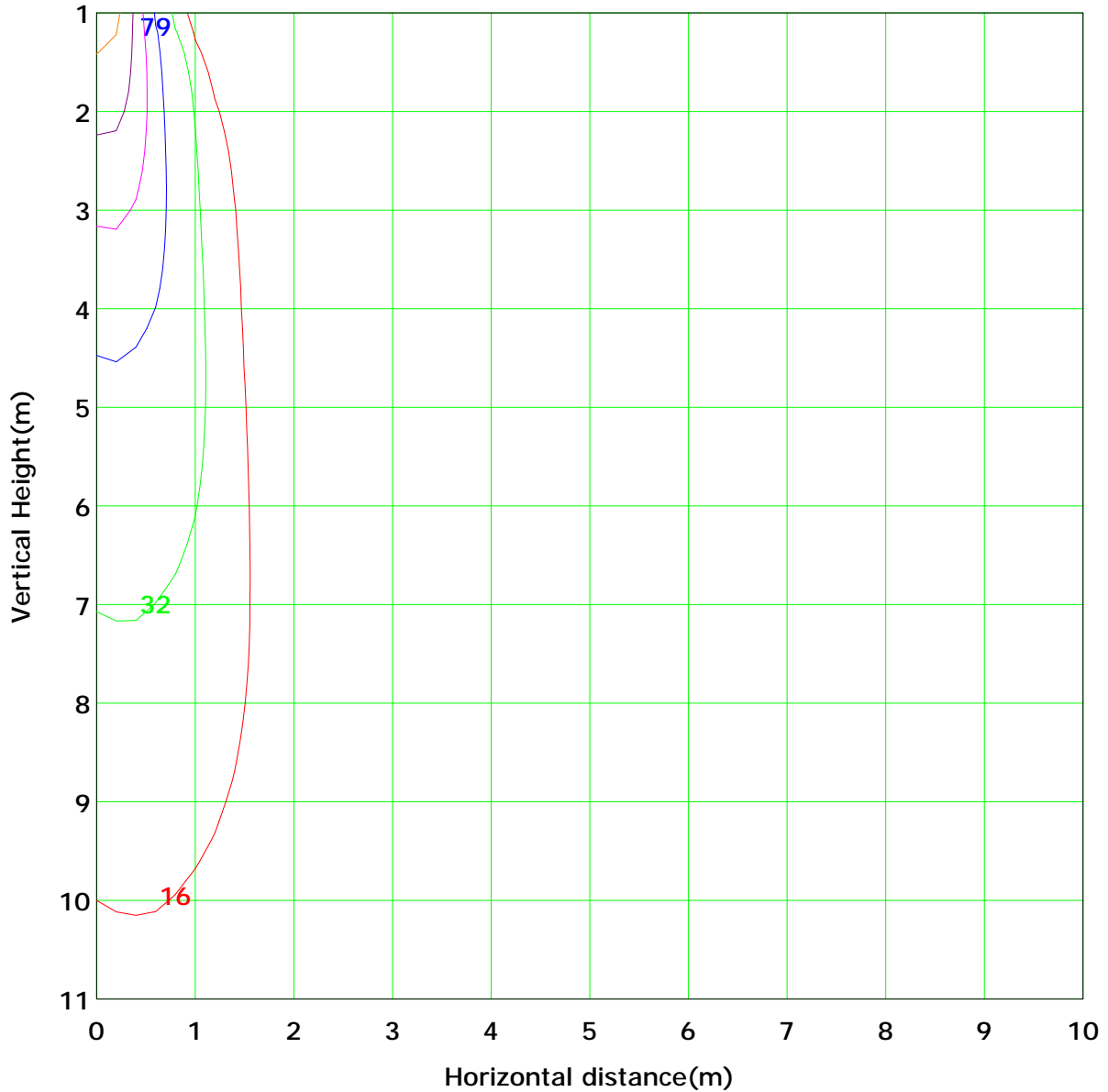
Illuminance at a Distance



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

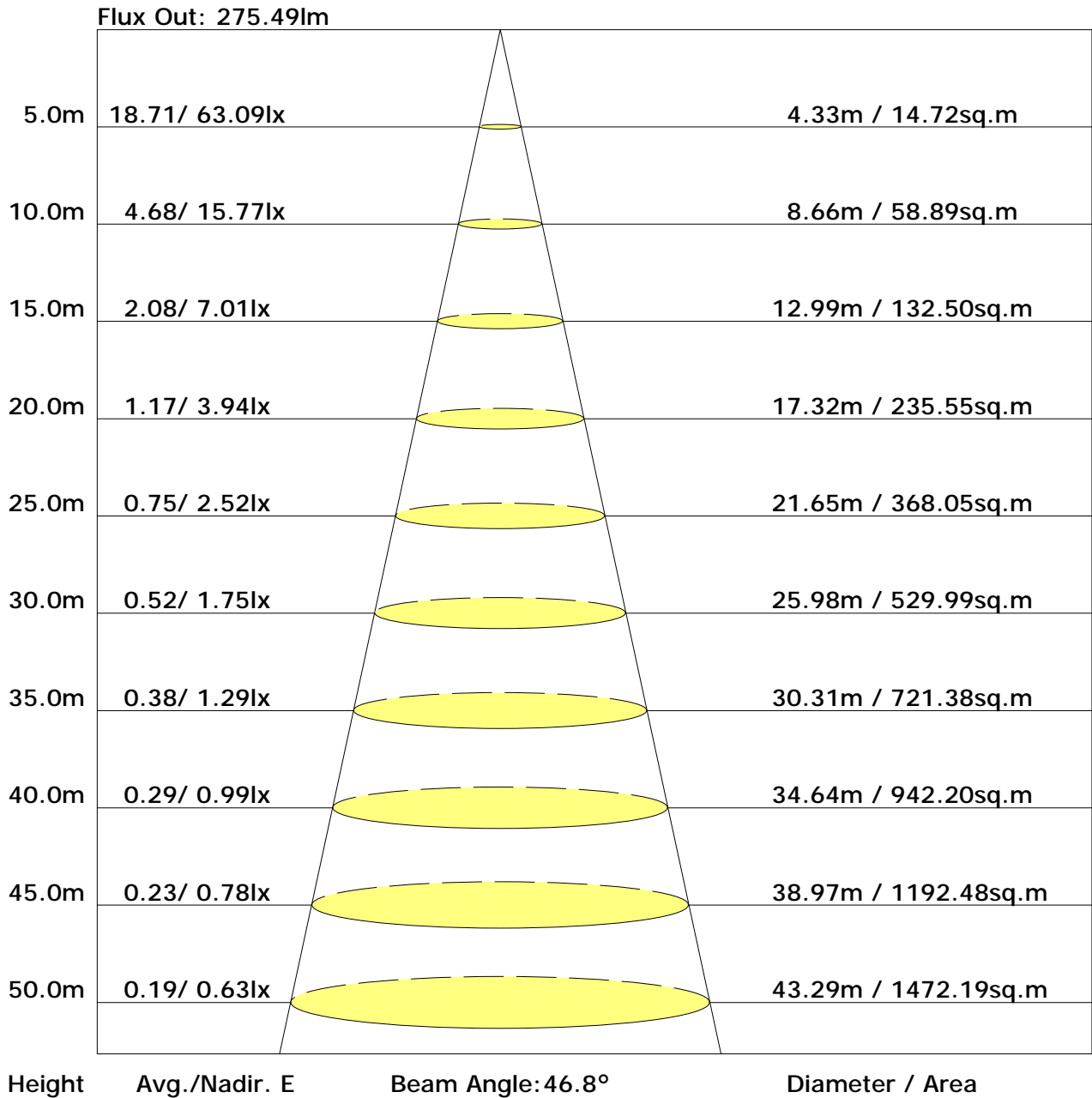


Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 1577.3 lx
(1%): 15.8 lx	(2%): 31.5 lx	
(5%): 78.9 lx	(10%): 157.7 lx	
(20%): 315.5 lx	(50%): 788.6 lx	
(100%):1577.3 lx		

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

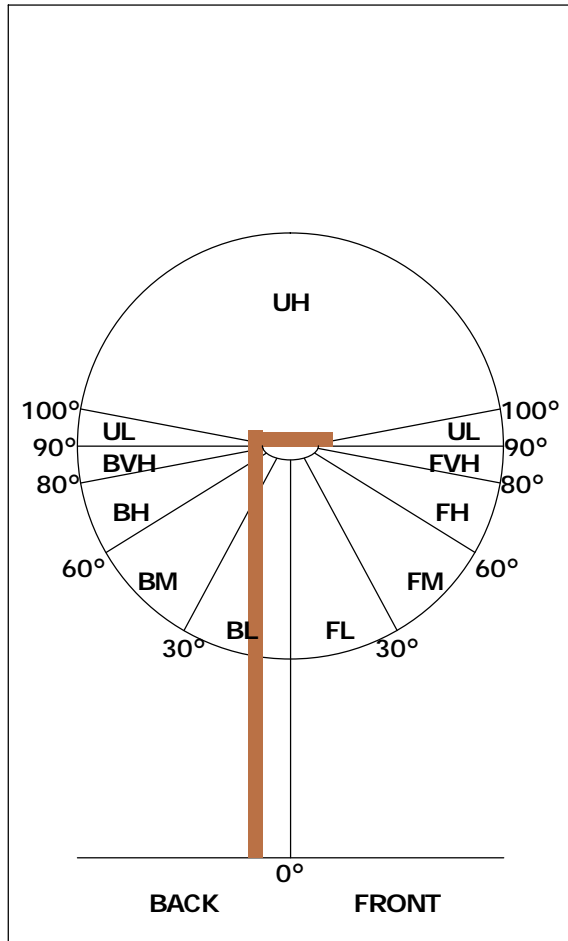
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$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



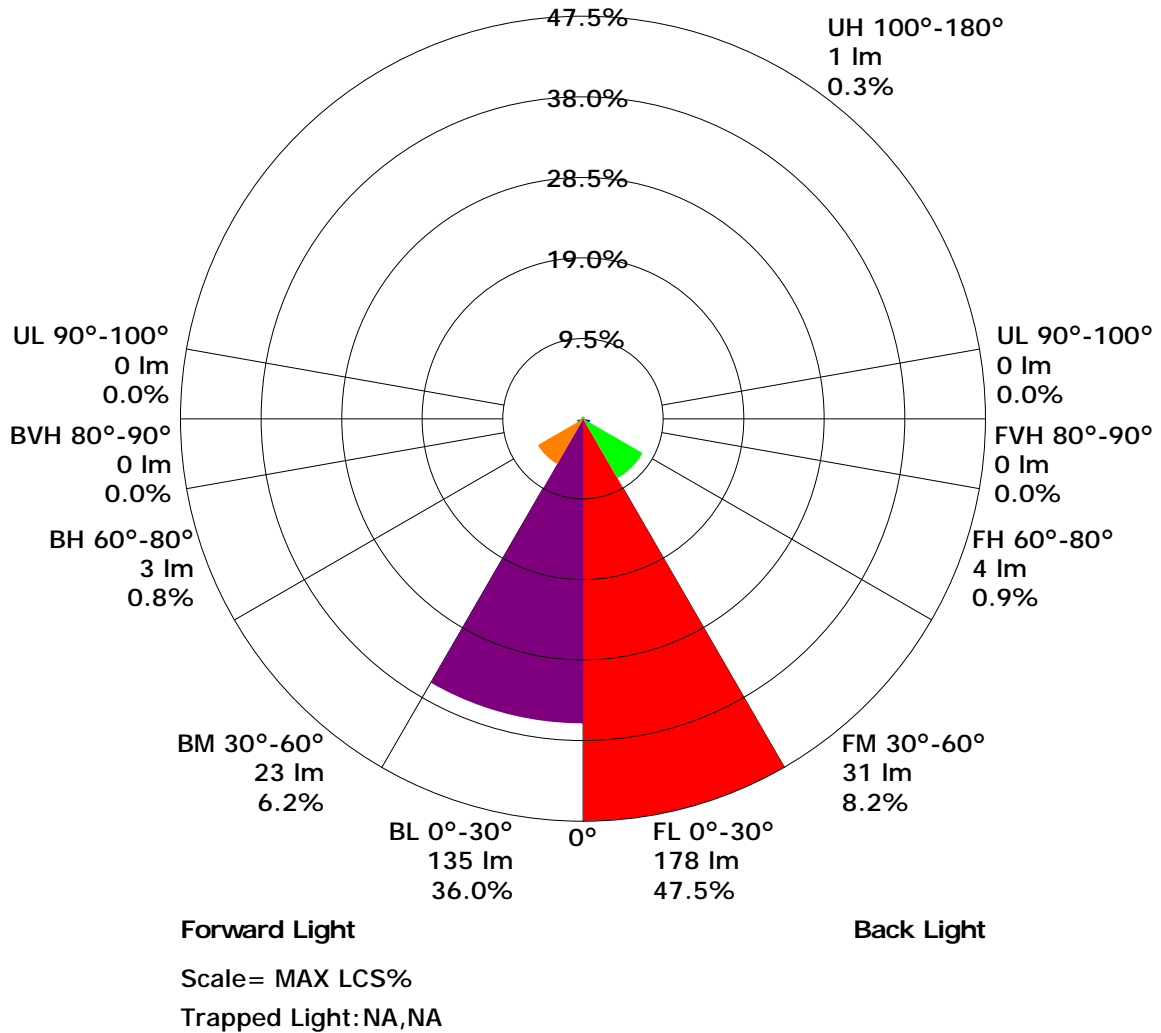
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	213	56.7
FL (0°-30°)	178	47.5
FM (30°-60°)	31	8.2
FH (60°-80°)	4	0.9
FVH (80°-90°)	0	0.0
BACK LIGHT	162	43.0
BL (0°-30°)	135	36.0
BM (30°-60°)	23	6.2
BH (60°-80°)	3	0.8
BVH (80°-90°)	0	0.0
UP LIGHT	1	0.3
UL (90°-100°)	0	0.0
UH (100°-180°)	1	0.3
TRAPPED LIGHT	NA	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:

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 = 0.50									
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	0.90	0.96	1.00	1.03	1.06	1.09	1.11	1.13	1.14	
	0.30		0.86	0.92	0.96	0.99	1.03	1.06	1.08	1.11	1.12	
	0.20		0.82	0.88	0.93	0.96	1.00	1.03	1.06	1.09	1.11	
0.50	0.50	0.20	0.89	0.94	0.98	1.00	1.04	1.06	1.07	1.09	1.10	
	0.30		0.85	0.91	0.94	0.97	1.01	1.03	1.05	1.07	1.09	
	0.20		0.82	0.88	0.92	0.94	0.99	1.01	1.03	1.06	1.07	
0.30	0.50	0.20	0.88	0.93	0.96	0.98	1.01	1.03	1.04	1.05	1.06	
	0.30		0.84	0.89	0.93	0.95	0.99	1.01	1.02	1.04	1.05	
	0.20		0.82	0.87	0.91	0.93	0.97	0.99	1.01	1.03	1.04	
0.00	0.00	0.00	0.80	0.85	0.88	0.91	0.94	0.95	0.97	0.98	0.99	
<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 = 0.50									
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	0.55	0.45	0.38	0.33	0.26	0.21	0.18	0.14	0.11	
	0.30		0.46	0.38	0.33	0.29	0.23	0.20	0.17	0.13	0.11	
	0.20		0.40	0.34	0.29	0.26	0.21	0.18	0.16	0.12	0.10	
0.50	0.50	0.20	0.53	0.42	0.35	0.30	0.24	0.24	0.17	0.13	0.10	
	0.30		0.45	0.37	0.31	0.27	0.22	0.18	0.16	0.12	0.10	
	0.20		0.39	0.32	0.28	0.25	0.20	0.17	0.15	0.12	0.10	
0.30	0.50	0.20	0.50	0.40	0.33	0.28	0.22	0.18	0.15	0.12	0.09	
	0.30		0.43	0.35	0.30	0.26	0.20	0.17	0.14	0.11	0.09	
	0.20		0.38	0.31	0.27	0.24	0.19	0.16	0.14	0.11	0.09	
0.00	0.00	0.00	0.23	0.18	0.15	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: 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 = 0.50									
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	0.13	0.15	0.16	0.17	0.19	0.19	0.20	0.21	0.22	
	0.30		0.09	0.11	0.13	0.14	0.16	0.17	0.18	0.20	0.20	
	0.20		0.07	0.09	0.10	0.12	0.14	0.15	0.16	0.18	0.19	
0.50	0.50	0.20	0.13	0.14	0.16	0.16	0.18	0.19	0.19	0.20	0.21	
	0.30		0.09	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	
	0.20		0.07	0.09	0.10	0.12	0.13	0.15	0.16	0.18	0.18	
0.30	0.50	0.20	0.12	0.14	0.15	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		0.07	0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.18	
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	1595.8	1.5	1.5	0.41	0.41
1.0-2.0	1580.9	4.5	6.1	1.21	1.62
2.0-3.0	1542.9	7.4	13.4	1.97	3.58
3.0-4.0	1487.8	10.0	23.4	2.65	6.23
4.0-5.0	1419.4	12.2	35.6	3.25	9.49
5.0-6.0	1339.2	14.1	49.7	3.75	13.24
6.0-7.0	1247.6	15.5	65.2	4.13	17.36
7.0-8.0	1146.5	16.4	81.6	4.37	21.73
8.0-9.0	1042.3	16.9	98.5	4.50	26.23
9.0-10.0	940.1	17.0	115.5	4.53	30.77
10.0-11.0	840.0	16.8	132.3	4.47	35.24
11.0-12.0	745.4	16.3	148.6	4.34	39.58
12.0-13.0	657.8	15.6	164.2	4.16	43.74
13.0-14.0	576.4	14.8	179.0	3.93	47.67
14.0-15.0	503.3	13.8	192.8	3.68	51.35
15.0-16.0	438.3	12.8	205.6	3.42	54.77
16.0-17.0	380.4	11.8	217.5	3.16	57.92
17.0-18.0	331.3	10.9	228.4	2.91	60.83
18.0-19.0	290.9	10.1	238.5	2.70	63.53
19.0-20.0	256.8	9.4	247.9	2.50	66.04
20.0-21.0	227.9	8.8	256.7	2.33	68.37
21.0-22.0	203.2	8.2	264.8	2.17	70.54
22.0-23.0	182.1	7.6	272.5	2.04	72.58
23.0-24.0	163.8	7.2	279.6	1.91	74.48
24.0-25.0	147.7	6.7	286.4	1.79	76.27
25.0-26.0	133.1	6.3	292.6	1.67	77.95
26.0-27.0	119.9	5.9	298.5	1.56	79.51
27.0-28.0	108.2	5.5	304.0	1.46	80.97
28.0-29.0	97.4	5.1	309.1	1.36	82.33
29.0-30.0	87.0	4.7	313.8	1.25	83.58
30.0-31.0	77.6	4.3	318.1	1.15	84.73
31.0-32.0	69.3	4.0	322.1	1.06	85.79
32.0-33.0	61.8	3.6	325.7	0.97	86.76
33.0-34.0	55.0	3.3	329.0	0.89	87.65
34.0-35.0	49.1	3.0	332.1	0.81	88.46
35.0-36.0	44.0	2.8	334.9	0.75	89.20

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	39.4	2.6	337.5	0.68	89.89
37.0-38.0	35.4	2.4	339.8	0.63	90.52
38.0-39.0	31.8	2.2	342.0	0.58	91.10
39.0-40.0	28.9	2.0	344.0	0.54	91.63
40.0-41.0	26.4	1.9	345.9	0.50	92.13
41.0-42.0	24.2	1.8	347.7	0.47	92.60
42.0-43.0	22.3	1.7	349.3	0.44	93.04
43.0-44.0	20.7	1.6	350.9	0.42	93.46
44.0-45.0	19.5	1.5	352.4	0.40	93.86
45.0-46.0	18.4	1.4	353.8	0.38	94.24
46.0-47.0	17.3	1.4	355.2	0.37	94.61
47.0-48.0	16.4	1.3	356.5	0.35	94.96
48.0-49.0	15.4	1.3	357.8	0.34	95.30
49.0-50.0	14.5	1.2	359.0	0.32	95.62
50.0-51.0	13.6	1.1	360.1	0.31	95.92
51.0-52.0	12.6	1.1	361.2	0.29	96.21
52.0-53.0	11.8	1.0	362.2	0.27	96.49
53.0-54.0	11.0	1.0	363.2	0.26	96.74
54.0-55.0	10.2	0.9	364.1	0.24	96.99
55.0-56.0	9.5	0.9	365.0	0.23	97.21
56.0-57.0	8.8	0.8	365.8	0.21	97.43
57.0-58.0	8.1	0.8	366.5	0.20	97.63
58.0-59.0	7.5	0.7	367.2	0.19	97.82
59.0-60.0	7.0	0.7	367.9	0.18	97.99
60.0-61.0	6.5	0.6	368.5	0.17	98.16
61.0-62.0	6.1	0.6	369.1	0.16	98.31
62.0-63.0	5.7	0.5	369.6	0.15	98.46
63.0-64.0	5.3	0.5	370.2	0.14	98.60
64.0-65.0	4.9	0.5	370.7	0.13	98.73
65.0-66.0	4.6	0.5	371.1	0.12	98.85
66.0-67.0	4.2	0.4	371.5	0.11	98.96
67.0-68.0	3.9	0.4	371.9	0.11	99.07
68.0-69.0	3.6	0.4	372.3	0.10	99.17
69.0-70.0	3.3	0.3	372.6	0.09	99.26
70.0-71.0	3.0	0.3	372.9	0.08	99.34
71.0-72.0	2.7	0.3	373.2	0.07	99.41

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	2.4	0.3	373.5	0.07	99.48
73.0-74.0	2.1	0.2	373.7	0.06	99.54
74.0-75.0	1.8	0.2	373.9	0.05	99.59
75.0-76.0	1.5	0.2	374.1	0.04	99.63
76.0-77.0	1.1	0.1	374.2	0.03	99.67
77.0-78.0	0.8	0.1	374.3	0.02	99.69
78.0-79.0	0.5	0.1	374.3	0.01	99.70
79.0-80.0	0.2	0.0	374.3	0.01	99.71
80.0-81.0	0.0	0.0	374.3	0.00	99.71
81.0-82.0	0.0	0.0	374.3	0.00	99.71
82.0-83.0	0.0	0.0	374.3	0.00	99.71
83.0-84.0	0.0	0.0	374.3	0.00	99.71
84.0-85.0	0.0	0.0	374.3	0.00	99.71
85.0-86.0	0.0	0.0	374.3	0.00	99.71
86.0-87.0	0.0	0.0	374.3	0.00	99.71
87.0-88.0	0.0	0.0	374.3	0.00	99.71
88.0-89.0	0.0	0.0	374.3	0.00	99.71
89.0-90.0	0.0	0.0	374.3	0.00	99.71
90.0-91.0	0.0	0.0	374.3	0.00	99.71
91.0-92.0	0.0	0.0	374.3	0.00	99.71
92.0-93.0	0.0	0.0	374.3	0.00	99.71
93.0-94.0	0.0	0.0	374.3	0.00	99.71
94.0-95.0	0.0	0.0	374.3	0.00	99.71
95.0-96.0	0.0	0.0	374.3	0.00	99.71
96.0-97.0	0.0	0.0	374.3	0.00	99.71
97.0-98.0	0.0	0.0	374.3	0.00	99.71
98.0-99.0	0.0	0.0	374.3	0.00	99.71
99.0-100.0	0.0	0.0	374.3	0.00	99.71
100.0-101.0	0.0	0.0	374.3	0.00	99.71
101.0-102.0	0.0	0.0	374.3	0.00	99.71
102.0-103.0	0.0	0.0	374.3	0.00	99.71
103.0-104.0	0.0	0.0	374.3	0.00	99.71
104.0-105.0	0.0	0.0	374.3	0.00	99.71
105.0-106.0	0.0	0.0	374.3	0.00	99.71
106.0-107.0	0.0	0.0	374.3	0.00	99.71
107.0-108.0	0.0	0.0	374.3	0.00	99.71

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	374.3	0.00	99.71
109.0-110.0	0.0	0.0	374.3	0.00	99.71
110.0-111.0	0.0	0.0	374.3	0.00	99.71
111.0-112.0	0.0	0.0	374.3	0.00	99.71
112.0-113.0	0.0	0.0	374.3	0.00	99.71
113.0-114.0	0.0	0.0	374.3	0.00	99.71
114.0-115.0	0.0	0.0	374.3	0.00	99.71
115.0-116.0	0.0	0.0	374.3	0.00	99.71
116.0-117.0	0.0	0.0	374.3	0.00	99.71
117.0-118.0	0.0	0.0	374.3	0.00	99.71
118.0-119.0	0.0	0.0	374.3	0.00	99.71
119.0-120.0	0.0	0.0	374.3	0.00	99.71
120.0-121.0	0.0	0.0	374.3	0.00	99.71
121.0-122.0	0.0	0.0	374.3	0.00	99.71
122.0-123.0	0.0	0.0	374.3	0.00	99.71
123.0-124.0	0.0	0.0	374.3	0.00	99.71
124.0-125.0	0.0	0.0	374.3	0.00	99.71
125.0-126.0	0.0	0.0	374.3	0.00	99.71
126.0-127.0	0.0	0.0	374.3	0.00	99.71
127.0-128.0	0.0	0.0	374.3	0.00	99.71
128.0-129.0	0.0	0.0	374.3	0.00	99.71
129.0-130.0	0.0	0.0	374.3	0.00	99.71
130.0-131.0	0.0	0.0	374.3	0.00	99.71
131.0-132.0	0.0	0.0	374.3	0.00	99.71
132.0-133.0	0.0	0.0	374.3	0.00	99.71
133.0-134.0	0.0	0.0	374.3	0.00	99.71
134.0-135.0	0.0	0.0	374.3	0.00	99.71
135.0-136.0	0.0	0.0	374.3	0.00	99.71
136.0-137.0	0.0	0.0	374.3	0.00	99.71
137.0-138.0	0.0	0.0	374.3	0.00	99.71
138.0-139.0	0.0	0.0	374.3	0.00	99.71
139.0-140.0	0.0	0.0	374.3	0.00	99.71
140.0-141.0	0.0	0.0	374.3	0.00	99.71
141.0-142.0	0.0	0.0	374.3	0.00	99.71
142.0-143.0	0.0	0.0	374.3	0.00	99.71
143.0-144.0	0.0	0.0	374.3	0.00	99.71

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	374.3	0.00	99.71
145.0-146.0	0.0	0.0	374.3	0.00	99.71
146.0-147.0	0.0	0.0	374.3	0.00	99.71
147.0-148.0	0.1	0.0	374.3	0.00	99.71
148.0-149.0	0.1	0.0	374.3	0.00	99.71
149.0-150.0	0.3	0.0	374.4	0.00	99.72
150.0-151.0	0.5	0.0	374.4	0.01	99.72
151.0-152.0	0.6	0.0	374.4	0.01	99.73
152.0-153.0	0.6	0.0	374.4	0.01	99.74
153.0-154.0	0.8	0.0	374.5	0.01	99.75
154.0-155.0	1.0	0.0	374.5	0.01	99.76
155.0-156.0	1.1	0.0	374.6	0.01	99.77
156.0-157.0	1.2	0.1	374.6	0.01	99.79
157.0-158.0	1.3	0.1	374.7	0.01	99.80
158.0-159.0	1.4	0.1	374.7	0.01	99.82
159.0-160.0	1.4	0.1	374.8	0.01	99.83
160.0-161.0	1.5	0.1	374.8	0.01	99.85
161.0-162.0	1.6	0.1	374.9	0.01	99.86
162.0-163.0	1.6	0.1	375.0	0.01	99.87
163.0-164.0	1.6	0.1	375.0	0.01	99.89
164.0-165.0	1.7	0.0	375.1	0.01	99.90
165.0-166.0	1.7	0.0	375.1	0.01	99.91
166.0-167.0	1.7	0.0	375.1	0.01	99.92
167.0-168.0	1.8	0.0	375.2	0.01	99.94
168.0-169.0	1.8	0.0	375.2	0.01	99.95
169.0-170.0	1.8	0.0	375.3	0.01	99.96
170.0-171.0	1.8	0.0	375.3	0.01	99.96
171.0-172.0	1.7	0.0	375.3	0.01	99.97
172.0-173.0	1.7	0.0	375.3	0.01	99.98
173.0-174.0	1.7	0.0	375.4	0.01	99.98
174.0-175.0	1.7	0.0	375.4	0.00	99.99
175.0-176.0	1.7	0.0	375.4	0.00	99.99
176.0-177.0	1.7	0.0	375.4	0.00	100.00
177.0-178.0	1.8	0.0	375.4	0.00	100.00
178.0-179.0	1.7	0.0	375.4	0.00	100.00
179.0-180.0	1.8	0.0	375.4	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	1577.3	1580.2	1593.6	1605.5	1617.3	1607.3	1577.3	1580.2	1593.6	1605.5
G1.0	1612.2	1565.9	1533.3	1518.3	1508.9	1523.7	1531.2	1582.2	1653.1	1709.8
G2.0	1628.2	1537.3	1471.8	1433.0	1413.5	1435.2	1460.4	1544.7	1641.3	1740.0
G3.0	1627.2	1489.4	1399.1	1330.4	1301.3	1330.8	1380.1	1491.9	1613.7	1742.3
G4.0	1605.1	1434.5	1292.8	1211.9	1185.2	1231.6	1292.1	1433.2	1584.8	1704.7
G5.0	1544.7	1358.6	1188.0	1100.8	1070.6	1114.0	1180.4	1359.2	1529.6	1659.8
G6.0	1487.7	1270.9	1081.0	977.1	950.8	995.7	1080.7	1263.6	1449.6	1603.3
G7.0	1420.9	1181.8	964.6	852.5	820.3	879.9	968.5	1171.6	1357.8	1540.7
G8.0	1334.6	1070.1	841.9	728.5	706.2	766.5	851.1	1065.2	1266.2	1448.3
G9.0	1238.9	958.3	716.3	610.9	599.1	659.6	746.1	965.1	1181.4	1367.3
G10.0	1130.7	833.5	612.7	523.0	513.4	554.4	646.6	858.6	1098.8	1285.5
G11.0	1006.1	712.2	527.2	452.2	436.2	470.5	540.4	746.3	997.4	1182.1
G12.0	878.9	608.8	460.6	398.0	382.6	401.3	458.1	641.4	887.7	1081.4
G13.0	750.7	518.0	403.5	352.4	339.3	348.9	388.1	547.6	782.5	977.6
G14.0	643.8	450.2	360.9	318.5	302.4	303.3	333.1	460.1	681.2	876.0
G15.0	552.6	398.2	325.9	288.8	271.0	269.7	291.0	386.4	584.0	768.5
G16.0	476.3	356.9	295.8	263.1	242.5	243.5	257.6	331.2	488.9	651.9
G17.0	412.9	317.7	269.9	240.2	220.6	221.6	232.7	283.7	414.0	547.3
G18.0	364.0	288.8	248.0	220.9	202.6	202.9	210.6	251.0	355.4	460.2
G19.0	320.6	263.7	227.4	202.1	187.4	183.9	192.5	224.5	305.5	385.5
G20.0	288.5	241.7	209.9	187.8	173.8	169.4	175.1	200.7	261.6	327.3
G21.0	259.4	220.4	195.0	174.8	160.8	156.5	157.6	177.3	221.6	274.9
G22.0	233.1	203.0	180.1	161.2	149.2	144.4	143.7	158.2	189.9	234.9
G23.0	210.7	187.7	166.8	149.0	137.0	131.1	129.5	141.4	164.1	202.1
G24.0	192.3	173.4	153.9	137.0	123.8	119.2	116.5	127.3	142.9	176.1
G25.0	176.6	158.8	140.8	125.7	113.1	108.0	104.5	113.8	126.1	154.6
G26.0	159.9	145.6	129.1	114.3	103.1	97.1	92.9	100.3	111.9	135.5
G27.0	144.4	133.1	119.5	104.4	93.4	87.5	82.3	88.9	100.6	120.2
G28.0	131.0	121.9	109.6	94.6	84.2	79.2	73.7	79.0	90.5	107.3
G29.0	118.1	111.0	100.0	85.1	75.5	71.4	64.5	70.2	81.1	93.8
G30.0	106.3	99.7	90.2	75.1	67.7	63.9	57.6	62.3	72.4	82.2
G31.0	94.6	90.6	81.9	66.1	59.8	57.4	51.5	55.8	65.2	72.6
G32.0	84.3	81.4	73.8	58.1	52.8	50.4	46.2	50.4	59.3	64.4
G33.0	74.9	71.9	65.6	50.8	46.5	45.1	41.1	45.8	54.0	58.0
G34.0	66.4	64.0	58.0	43.6	41.3	40.0	36.6	41.7	49.5	51.8
G35.0	58.3	56.8	51.3	38.6	36.8	35.5	33.4	37.8	44.9	46.9
G36.0	51.7	50.5	45.0	34.3	32.8	32.7	30.4	34.0	40.8	42.4

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	46.0	44.7	39.6	31.2	29.6	29.3	28.1	30.9	37.0	38.7
G38.0	41.2	39.3	34.8	28.4	26.6	25.9	26.0	27.9	33.4	35.7
G39.0	37.3	35.5	30.9	25.7	23.8	23.0	23.6	25.7	30.3	32.6
G40.0	33.8	31.8	27.8	24.1	22.0	21.1	21.5	23.1	28.0	29.9
G41.0	30.5	28.8	25.2	22.7	20.4	19.6	20.1	21.2	25.7	27.9
G42.0	27.6	25.7	22.8	20.9	19.0	18.3	19.0	19.9	23.7	25.7
G43.0	25.4	23.7	20.8	19.1	17.5	17.5	18.1	18.9	21.8	23.1
G44.0	23.0	22.1	19.2	17.8	16.6	17.2	17.3	18.1	20.3	21.7
G45.0	21.3	21.0	18.1	16.9	15.5	17.1	16.5	17.2	19.2	20.4
G46.0	20.1	19.7	17.4	15.5	14.4	15.8	15.8	16.4	18.4	19.2
G47.0	19.0	18.6	16.0	13.9	13.3	14.4	16.0	15.7	17.4	18.1
G48.0	18.6	17.4	14.9	12.7	12.4	13.5	15.0	15.3	16.5	17.3
G49.0	17.9	16.0	13.3	11.6	11.3	12.5	13.3	14.8	15.7	16.5
G50.0	17.0	14.8	12.1	10.4	10.2	11.3	12.4	13.8	15.1	15.7
G51.0	15.8	13.6	11.1	9.6	9.1	10.3	11.5	13.1	14.1	15.0
G52.0	14.8	12.4	10.2	8.9	8.4	9.3	10.6	12.2	13.5	13.7
G53.0	13.6	11.2	9.3	8.0	7.6	8.5	9.9	11.5	12.8	13.4
G54.0	12.4	10.4	8.4	7.5	7.1	8.0	9.1	10.7	12.0	12.5
G55.0	11.2	9.5	7.8	7.0	6.6	7.4	8.6	10.2	11.1	11.9
G56.0	10.4	8.8	7.3	6.6	6.2	6.7	7.8	9.3	10.4	11.1
G57.0	9.5	8.2	6.6	6.2	5.7	6.2	7.3	8.7	9.9	10.4
G58.0	8.8	7.5	6.2	5.8	5.5	5.7	6.9	7.9	8.9	9.7
G59.0	8.0	7.0	5.9	5.5	5.1	5.3	6.3	7.4	8.4	9.1
G60.0	7.5	6.4	5.5	5.3	4.8	5.2	5.8	6.9	7.6	8.2
G61.0	6.8	5.9	5.3	5.1	4.6	5.2	5.5	6.4	7.1	7.4
G62.0	6.2	5.7	5.1	4.7	4.3	4.8	5.0	6.0	6.6	6.9
G63.0	5.8	5.3	4.8	4.6	4.0	4.6	4.8	5.6	6.1	6.3
G64.0	5.4	5.1	4.5	4.3	3.8	4.2	4.4	5.3	5.6	5.9
G65.0	5.1	4.7	4.2	3.9	3.6	3.9	4.1	5.1	5.2	5.3
G66.0	4.7	4.5	4.0	3.6	3.3	3.6	3.9	4.8	4.7	4.9
G67.0	4.5	4.2	3.5	3.5	2.9	3.3	3.7	4.4	4.3	4.4
G68.0	4.1	3.9	3.3	3.1	2.6	3.1	3.3	4.0	3.9	4.1
G69.0	3.8	3.5	3.1	2.8	2.4	2.8	3.2	3.9	3.6	3.7
G70.0	3.6	3.2	2.7	2.5	2.4	2.5	3.0	3.6	3.3	3.3
G71.0	3.3	2.9	2.4	2.3	2.0	2.2	2.6	3.3	2.9	2.8
G72.0	3.0	2.8	2.2	2.1	1.7	1.9	2.2	3.0	2.7	2.5
G73.0	2.8	2.5	2.0	1.7	1.6	1.7	2.0	2.7	2.3	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	2.5	2.2	1.6	1.4	1.3	1.5	1.8	2.3	2.1	1.9
G75.0	2.1	1.9	1.4	1.3	1.3	1.3	1.4	2.1	1.4	1.4
G76.0	1.9	1.5	1.1	0.9	0.0	1.1	1.3	1.7	1.2	1.3
G77.0	1.7	1.4	0.0	0.0	0.0	0.0	0.9	1.5	1.2	1.2
G78.0	1.4	1.1	0.0	0.0	0.0	0.0	0.0	1.3	0.9	0.0
G79.0	1.2	1.1	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0
G80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G81.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G82.0	0.0	0.0	0.0	0.0	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	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	0.9	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	0.9	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 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	1.0	0.0	0.0	0.0	0.0	0.0
G149.0	0.0	0.0	0.0	0.9	1.1	0.0	0.0	0.0	0.0	0.0
G150.0	0.0	0.0	1.2	1.1	1.4	0.9	0.0	0.0	0.0	0.0
G151.0	0.0	0.0	1.1	1.2	1.4	1.0	1.0	0.0	1.1	0.0
G152.0	0.0	0.0	1.1	1.3	1.4	1.1	1.0	0.0	1.0	0.0
G153.0	0.0	0.0	1.3	1.3	1.5	1.1	1.1	0.0	1.0	0.0
G154.0	0.0	1.0	1.4	1.5	1.6	1.2	1.2	0.9	1.2	0.0
G155.0	0.9	1.1	1.4	1.5	1.6	1.2	1.3	1.1	1.2	0.0
G156.0	1.1	1.0	1.6	1.7	1.6	1.2	1.4	1.2	1.3	0.0
G157.0	1.1	1.1	1.6	1.8	1.8	1.4	1.4	1.3	1.4	1.1
G158.0	1.2	1.2	1.7	1.8	1.7	1.5	1.6	1.4	1.5	1.2
G159.0	1.3	1.4	1.7	1.8	1.8	1.5	1.6	1.4	1.5	1.3
G160.0	1.4	1.5	1.8	1.8	1.7	1.5	1.4	1.5	1.6	1.3
G161.0	1.4	1.5	1.9	1.8	1.8	1.5	1.5	1.7	1.6	1.3
G162.0	1.5	1.5	1.7	1.9	1.9	1.6	1.5	1.7	1.6	1.4
G163.0	1.6	1.6	1.8	1.8	2.0	1.5	1.7	1.8	1.7	1.5
G164.0	1.6	1.8	1.8	1.8	1.9	1.6	1.7	1.8	1.7	1.5
G165.0	1.7	1.6	1.8	1.8	2.0	1.6	1.6	1.8	1.9	1.6
G166.0	1.6	1.6	1.8	1.8	2.0	1.7	1.8	1.8	2.0	1.9
G167.0	1.7	1.7	1.8	1.8	2.0	1.7	1.8	1.9	1.7	1.8
G168.0	1.7	1.7	2.0	1.9	1.8	1.7	1.9	1.9	1.8	1.8
G169.0	1.8	1.9	1.8	1.9	1.9	1.6	2.0	1.8	1.9	1.7
G170.0	1.7	1.8	1.7	2.0	1.7	1.6	2.0	1.8	2.0	1.9
G171.0	1.8	1.7	1.8	1.9	1.6	1.5	1.8	1.8	1.9	1.8
G172.0	1.7	1.8	1.7	1.8	1.6	1.4	1.9	1.9	2.1	1.9
G173.0	1.8	1.8	1.7	1.8	1.5	1.4	1.8	1.8	2.0	1.8
G174.0	1.8	1.8	1.8	1.7	1.5	1.4	1.9	1.7	1.9	1.9
G175.0	1.7	1.9	1.9	1.8	1.6	1.6	1.8	1.8	1.9	1.9
G176.0	1.8	1.8	1.6	1.7	1.6	1.4	1.7	1.8	2.0	1.8
G177.0	1.8	1.9	1.8	1.7	1.7	1.5	1.7	1.7	1.9	2.0
G178.0	1.8	1.7	1.9	1.7	1.6	1.4	1.9	1.9	1.9	2.0
G179.0	1.9	1.7	1.7	1.9	1.7	1.5	1.8	1.7	1.9	1.9
G180.0	1.8	2.1	1.8	2.0	1.7	1.6	1.9	1.7	1.9	1.9

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	1617.3	1607.3	1577.3							
G1.0	1714.5	1683.1	1612.2							
G2.0	1775.9	1723.6	1628.2							
G3.0	1789.8	1728.4	1627.2							
G4.0	1782.2	1725.9	1605.1							
G5.0	1762.7	1714.3	1544.7							
G6.0	1720.5	1676.4	1487.7							
G7.0	1637.3	1589.8	1420.9							
G8.0	1552.8	1497.9	1334.6							
G9.0	1454.4	1389.0	1238.9							
G10.0	1328.8	1290.4	1130.7							
G11.0	1237.9	1175.0	1006.1							
G12.0	1143.2	1063.7	878.9							
G13.0	1028.7	944.7	750.7							
G14.0	913.9	808.4	643.8							
G15.0	796.0	695.7	552.6							
G16.0	689.0	594.8	476.3							
G17.0	575.7	500.9	412.9							
G18.0	484.7	425.8	364.0							
G19.0	409.3	365.3	320.6							
G20.0	346.5	313.9	288.5							
G21.0	299.0	276.3	259.4							
G22.0	259.2	245.6	233.1							
G23.0	228.6	219.9	210.7							
G24.0	202.9	198.3	192.3							
G25.0	180.8	178.1	176.6							
G26.0	162.2	161.8	159.9							
G27.0	143.9	146.8	144.4							
G28.0	129.4	131.6	131.0							
G29.0	115.6	118.3	118.1							
G30.0	100.9	106.1	106.3							
G31.0	88.2	95.4	94.6							
G32.0	78.2	85.3	84.3							
G33.0	69.2	75.8	74.9							
G34.0	61.3	67.8	66.4							
G35.0	55.1	61.0	58.3							
G36.0	49.2	54.7	51.7							

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	43.5	48.8	46.0							
G38.0	39.2	43.0	41.2							
G39.0	35.7	38.4	37.3							
G40.0	32.5	34.9	33.8							
G41.0	30.0	31.5	30.5							
G42.0	27.7	28.0	27.6							
G43.0	25.6	25.3	25.4							
G44.0	23.8	23.1	23.0							
G45.0	22.4	21.4	21.3							
G46.0	21.1	19.9	20.1							
G47.0	20.3	18.9	19.0							
G48.0	19.2	18.1	18.6							
G49.0	18.7	17.6	17.9							
G50.0	17.7	17.3	17.0							
G51.0	17.0	17.0	15.8							
G52.0	16.4	16.0	14.8							
G53.0	15.8	15.4	13.6							
G54.0	14.4	14.5	12.4							
G55.0	13.4	13.3	11.2							
G56.0	12.4	12.2	10.4							
G57.0	11.4	11.1	9.5							
G58.0	10.6	10.2	8.8							
G59.0	9.9	9.3	8.0							
G60.0	9.1	8.6	7.5							
G61.0	8.2	7.9	6.8							
G62.0	7.8	7.2	6.2							
G63.0	7.1	6.5	5.8							
G64.0	6.6	6.1	5.4							
G65.0	6.0	5.7	5.1							
G66.0	5.6	5.4	4.7							
G67.0	5.2	5.2	4.5							
G68.0	4.7	4.8	4.1							
G69.0	4.2	4.4	3.8							
G70.0	3.9	4.0	3.6							
G71.0	3.5	3.6	3.3							
G72.0	3.2	3.4	3.0							
G73.0	2.8	3.2	2.8							

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	2.6	2.9	2.5							
G75.0	2.0	2.4	2.1							
G76.0	1.8	2.0	1.9							
G77.0	1.4	1.7	1.7							
G78.0	1.1	1.4	1.4							
G79.0	0.0	1.1	1.2							
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

G/C	C300.0	C330.0	C360.0							
G148.0	0.0	0.0	0.0							
G149.0	0.0	0.0	0.0							
G150.0	0.0	0.0	0.0							
G151.0	0.0	0.0	0.0							
G152.0	0.0	0.0	0.0							
G153.0	0.0	0.0	0.0							
G154.0	0.9	0.0	0.0							
G155.0	0.9	0.0	0.9							
G156.0	1.1	0.0	1.1							
G157.0	1.2	0.0	1.1							
G158.0	1.1	0.0	1.2							
G159.0	1.3	0.0	1.3							
G160.0	1.4	0.9	1.4							
G161.0	1.4	1.0	1.4							
G162.0	1.4	1.1	1.5							
G163.0	1.4	1.2	1.6							
G164.0	1.6	1.4	1.6							
G165.0	1.7	1.3	1.7							
G166.0	1.7	1.4	1.6							
G167.0	1.9	1.4	1.7							
G168.0	1.7	1.5	1.7							
G169.0	1.9	1.5	1.8							
G170.0	2.0	1.4	1.7							
G171.0	1.9	1.3	1.8							
G172.0	1.9	1.4	1.7							
G173.0	1.9	1.4	1.8							
G174.0	1.9	1.3	1.8							
G175.0	2.0	1.4	1.7							
G176.0	1.9	1.3	1.8							
G177.0	1.9	1.6	1.8							
G178.0	1.8	1.4	1.8							
G179.0	1.7	1.5	1.9							
G180.0	1.9	1.5	1.8							

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: