

Report No.:

Test Time: 2021/12/3 16:35

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MS-MR16-3B 5W

Power: 4.30 W

Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 411.2 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 1163.89 cd

Pos of Max. Intensity: H180 V6

Longitudinal Classification: Very Short

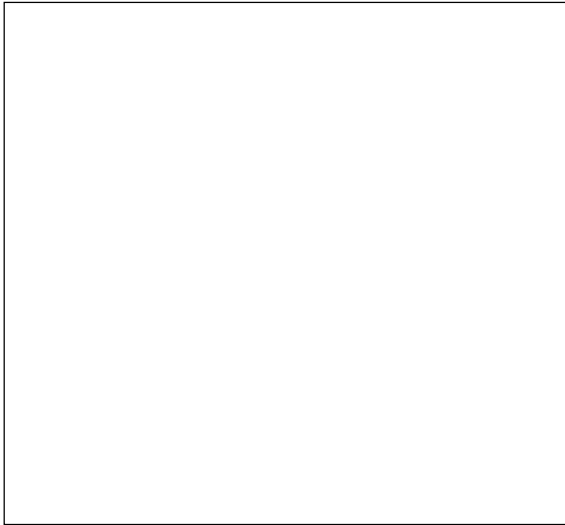
Measurement Flux: 411.2 lm

Downward Ratio: 99%

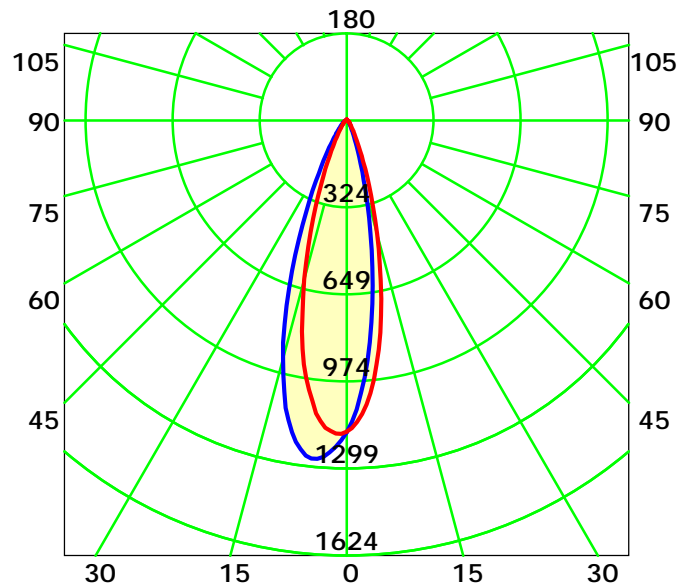
Luminaire Efficacy Rating (LER): 96

Max. Intensity: 1268.65 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 28.5° 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

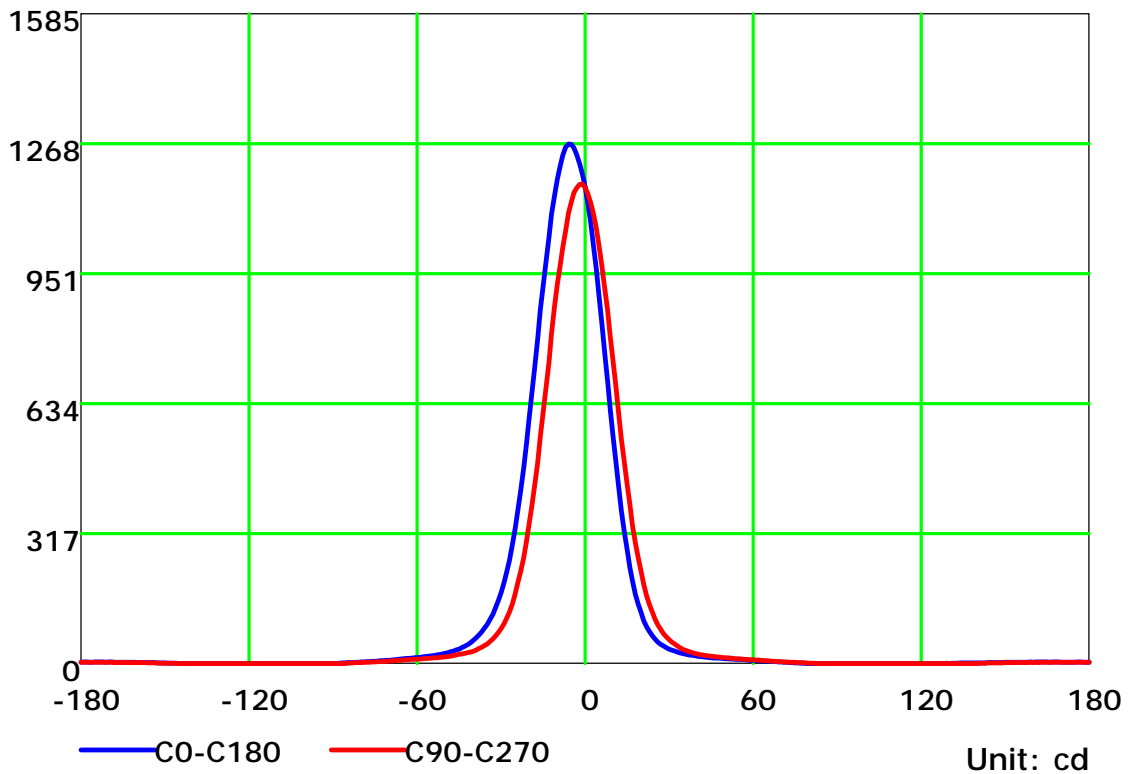
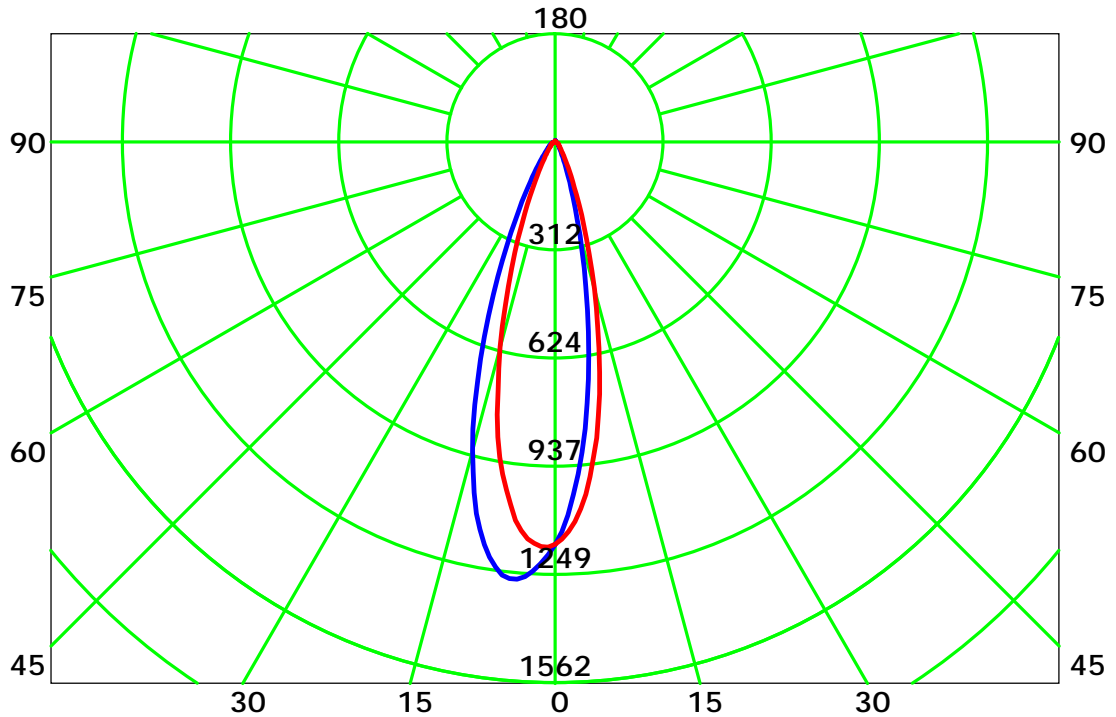
Test Device:

Distance:

Humidity:

Inspector:

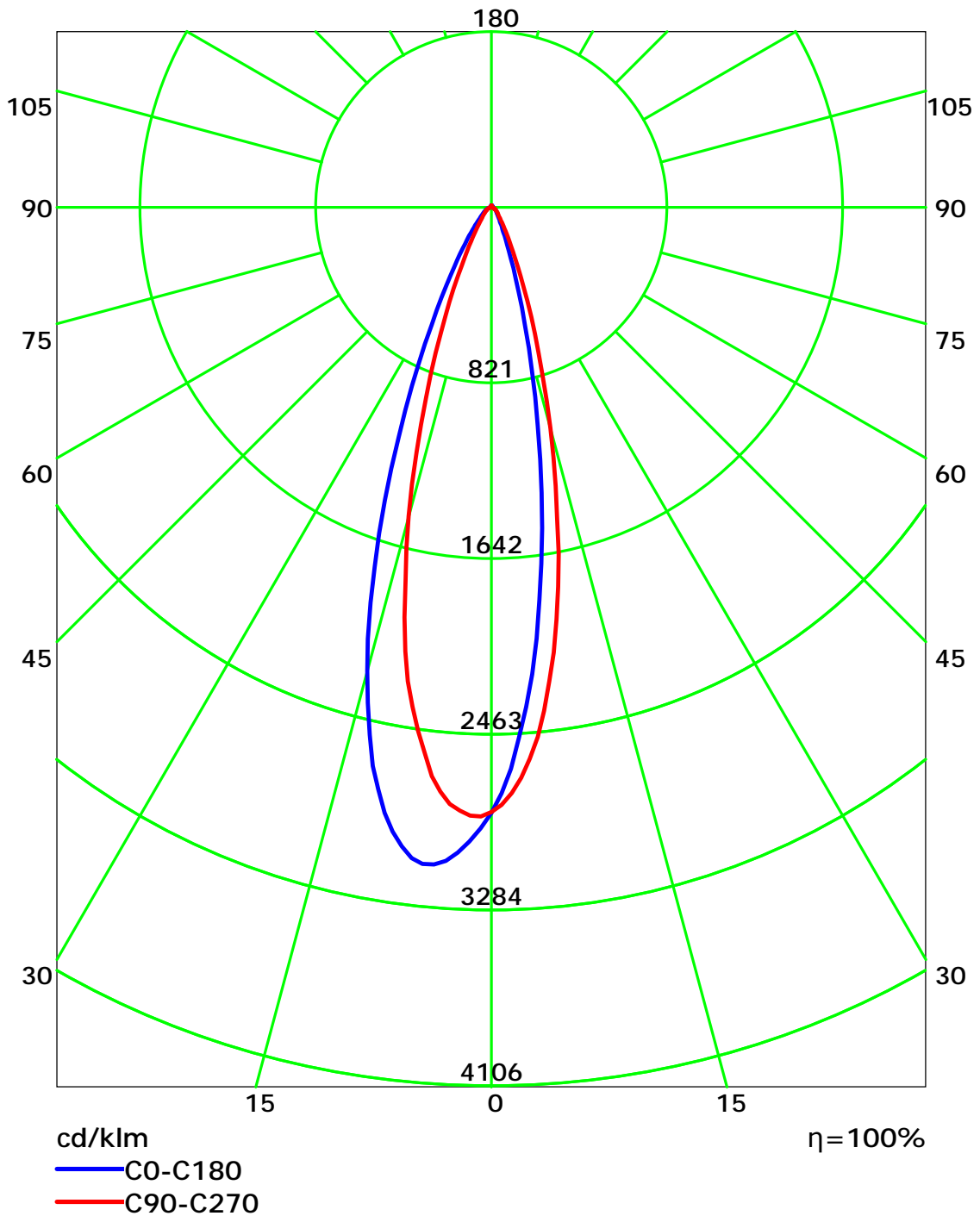
Luminous Intensity Distribution Curve



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)



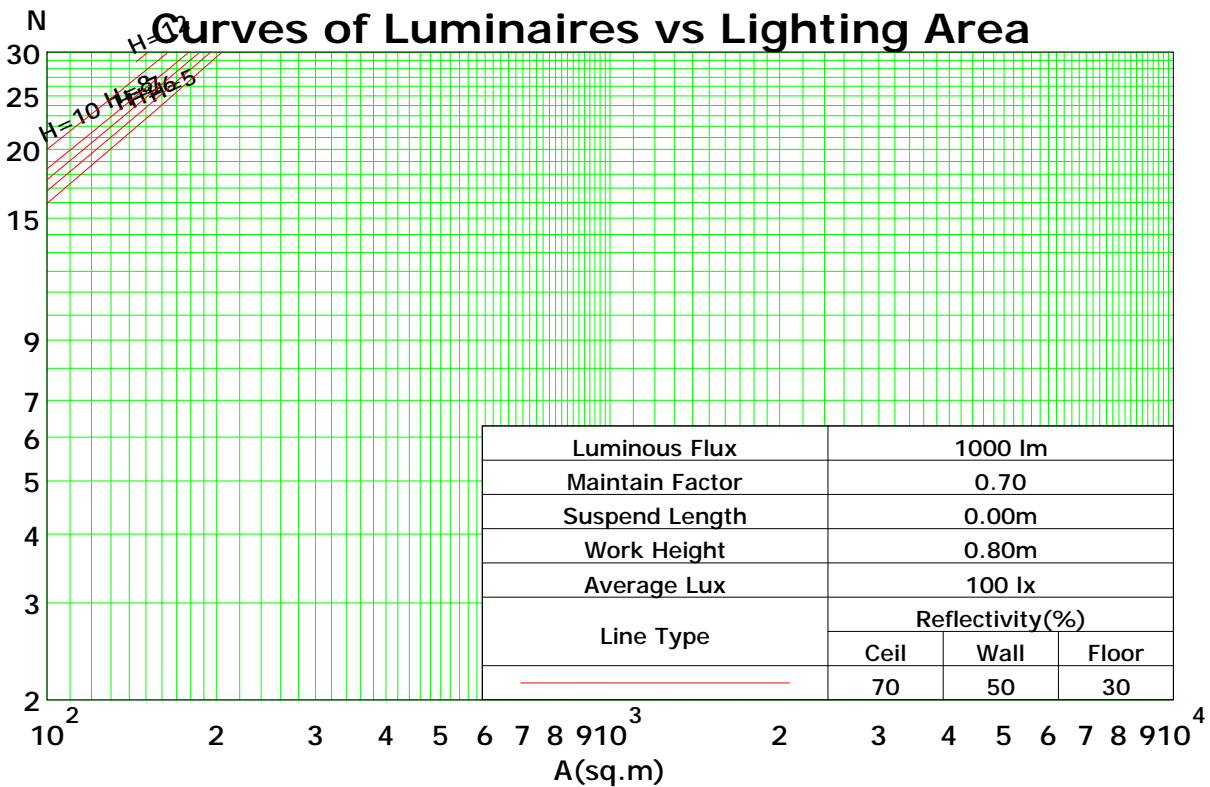
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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	108	106	111	109	106	104	104	103	101	101	99	98	97	96	95	93
2	108	104	100	97	106	102	99	96	99	96	93	96	93	91	93	91	89	88
3	104	98	93	89	102	96	92	89	93	90	87	91	88	86	89	86	84	83
4	99	92	87	83	97	91	86	83	89	85	82	87	83	81	85	82	80	78
5	95	88	82	78	93	87	82	78	85	81	77	83	79	77	81	78	76	74
6	91	83	78	74	90	83	78	74	81	77	73	80	76	73	78	75	72	71
7	88	80	74	71	87	79	74	70	78	73	70	76	73	70	75	72	69	68
8	85	76	71	67	83	76	71	67	75	70	67	74	70	67	73	69	66	65
9	82	73	68	65	81	73	68	65	72	67	64	71	67	64	70	66	64	63
10	79	70	65	62	78	70	65	62	69	65	62	68	64	62	68	64	61	60

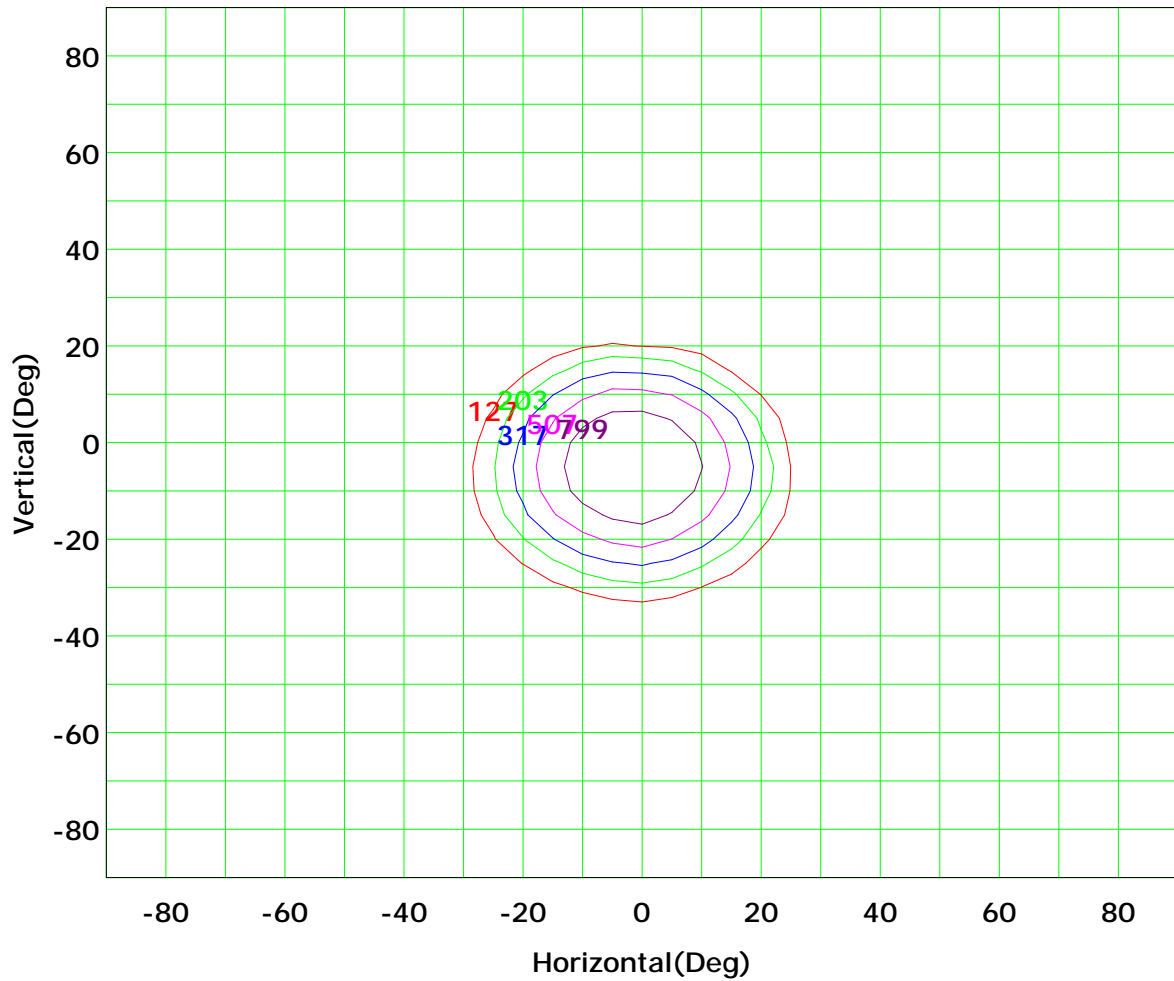
Spacing Criteria (0-180): 0.51
 Spacing Criteria (90-270): 0.47
 Spacing Criteria (Diagonal): 0.50



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)



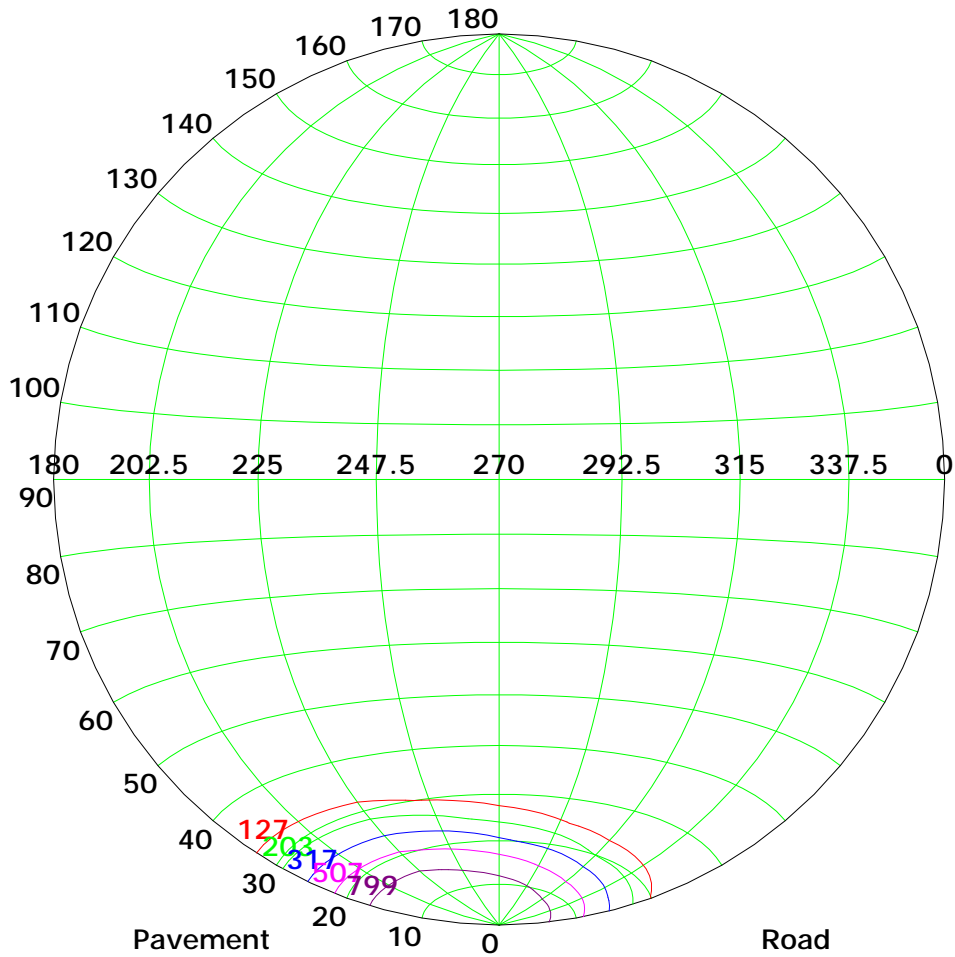
I_{max} (100%): 1269 cd

— (10%): 127 cd	— (16%): 203 cd
— (25%): 317 cd	— (40%): 507 cd
— (63%): 799 cd	— (100%): 1269 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)



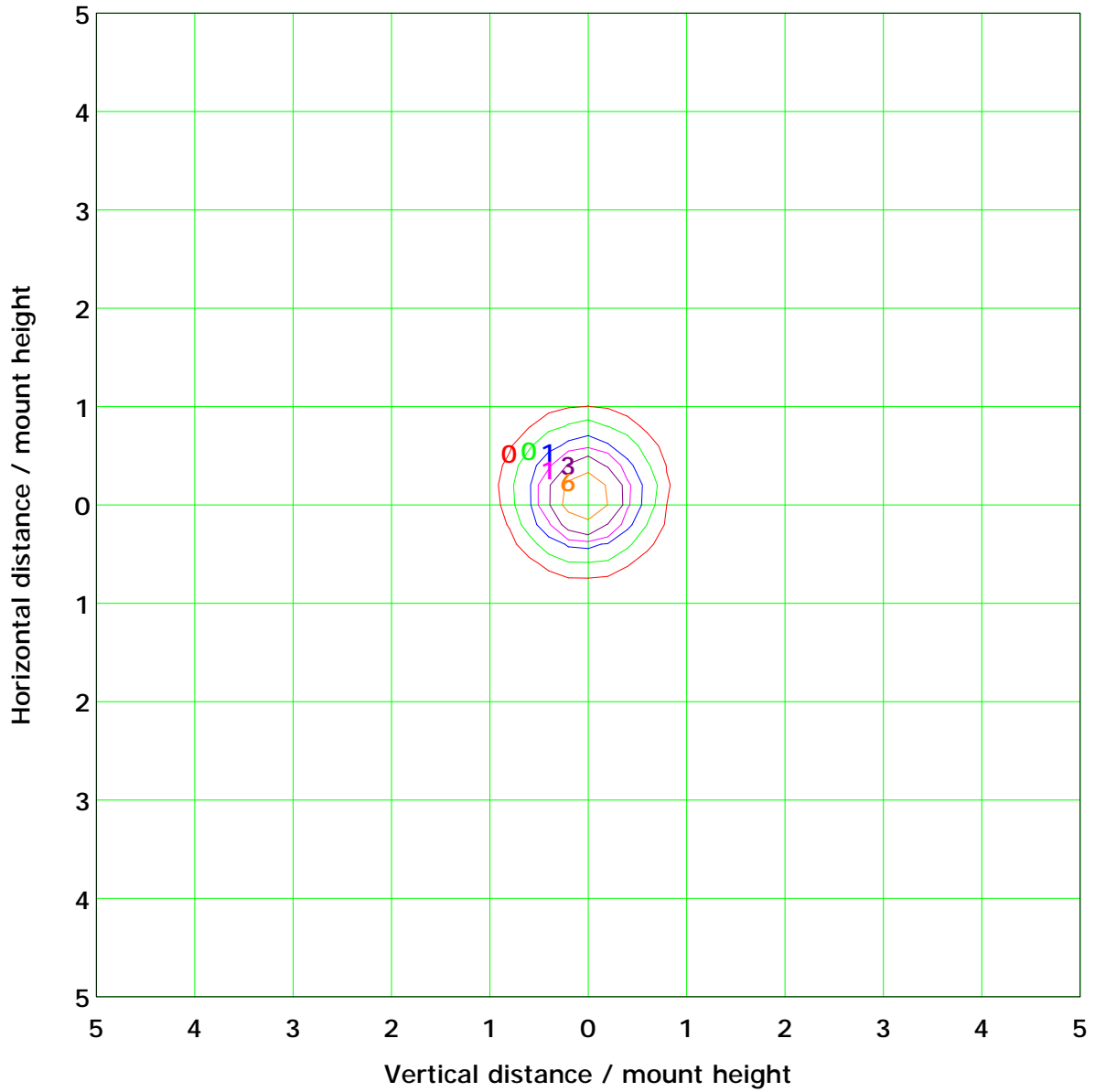
Imax (100%): 1269 cd

— (10%): 127 cd	— (16%): 203 cd
— (25%): 317 cd	— (40%): 507 cd
— (63%): 799 cd	— (100%): 1269 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



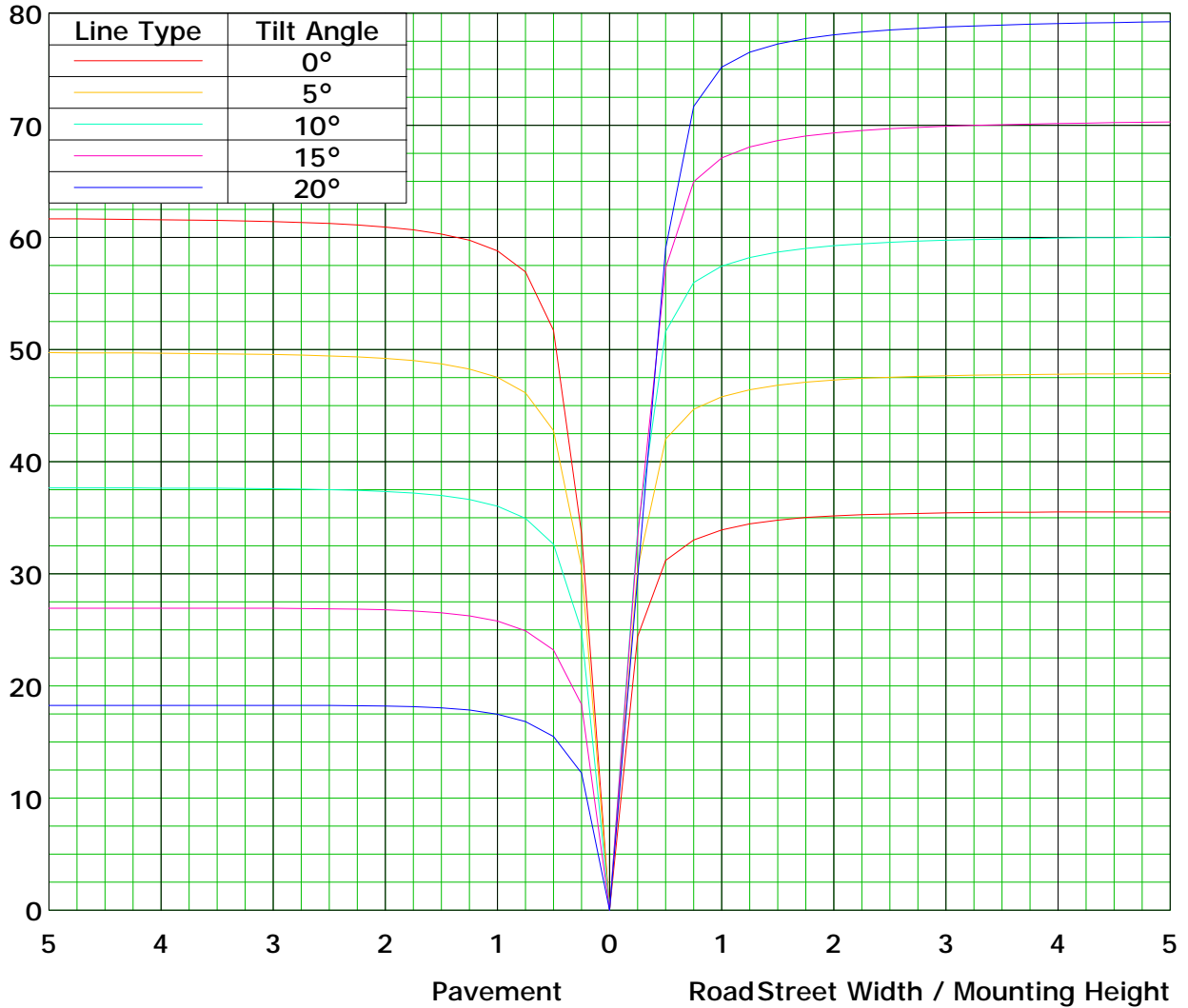
Mounting Height: 10.0m		Max Lux(100%): 12.5 lx	
— (1%):	0.1 lx	— (2%):	0.3 lx
— (5%):	0.6 lx	— (10%):	1.3 lx
— (20%):	2.5 lx	— (50%):	6.3 lx
— (100%):	12.5 lx		

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(%)



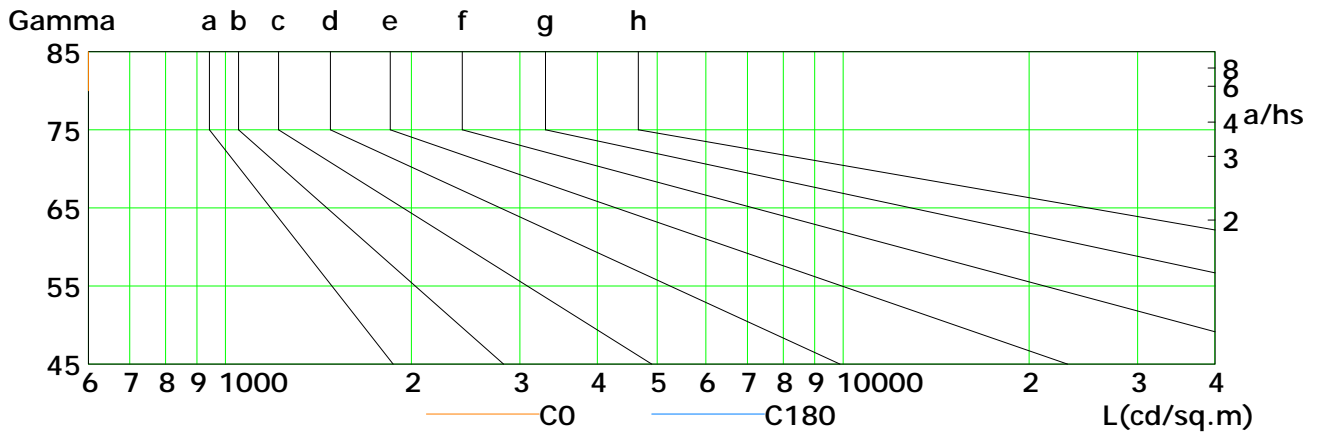
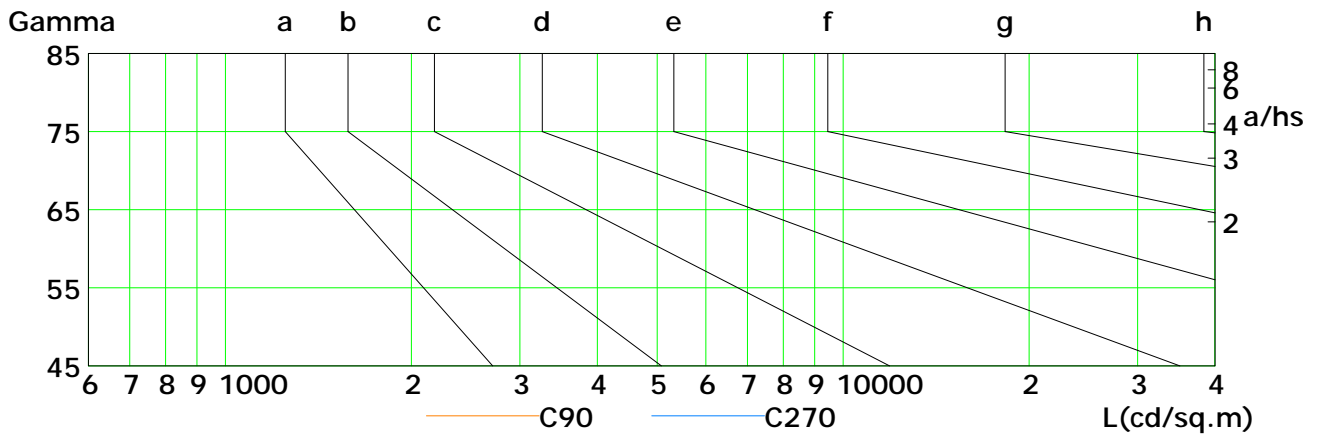
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

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

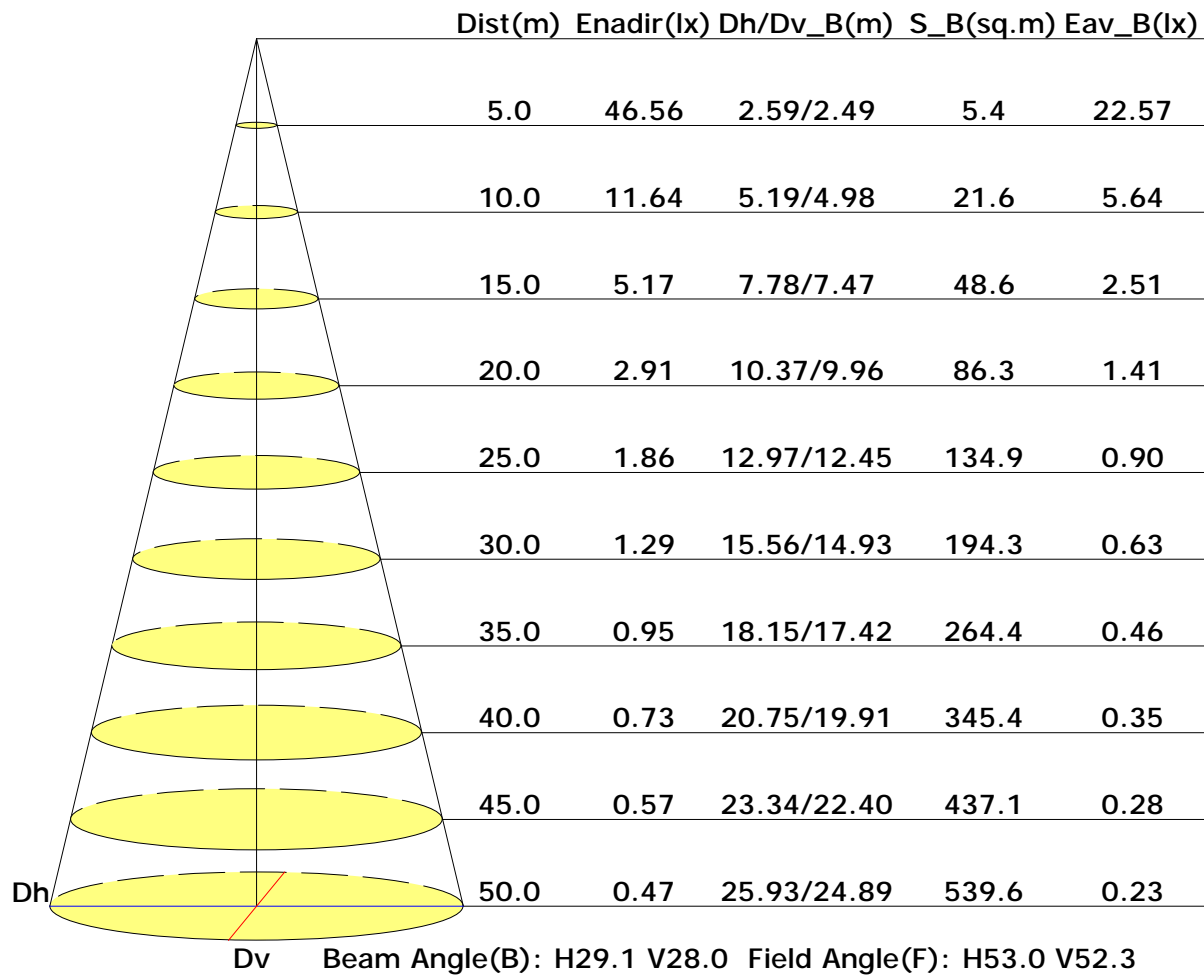


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	15	12	11	8	6	4	2	0	0
C90	19	15	12	10	7	5	3	1	0
C180	36	25	19	15	12	9	6	4	2
C270	23	17	14	11	9	6	4	3	1

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

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

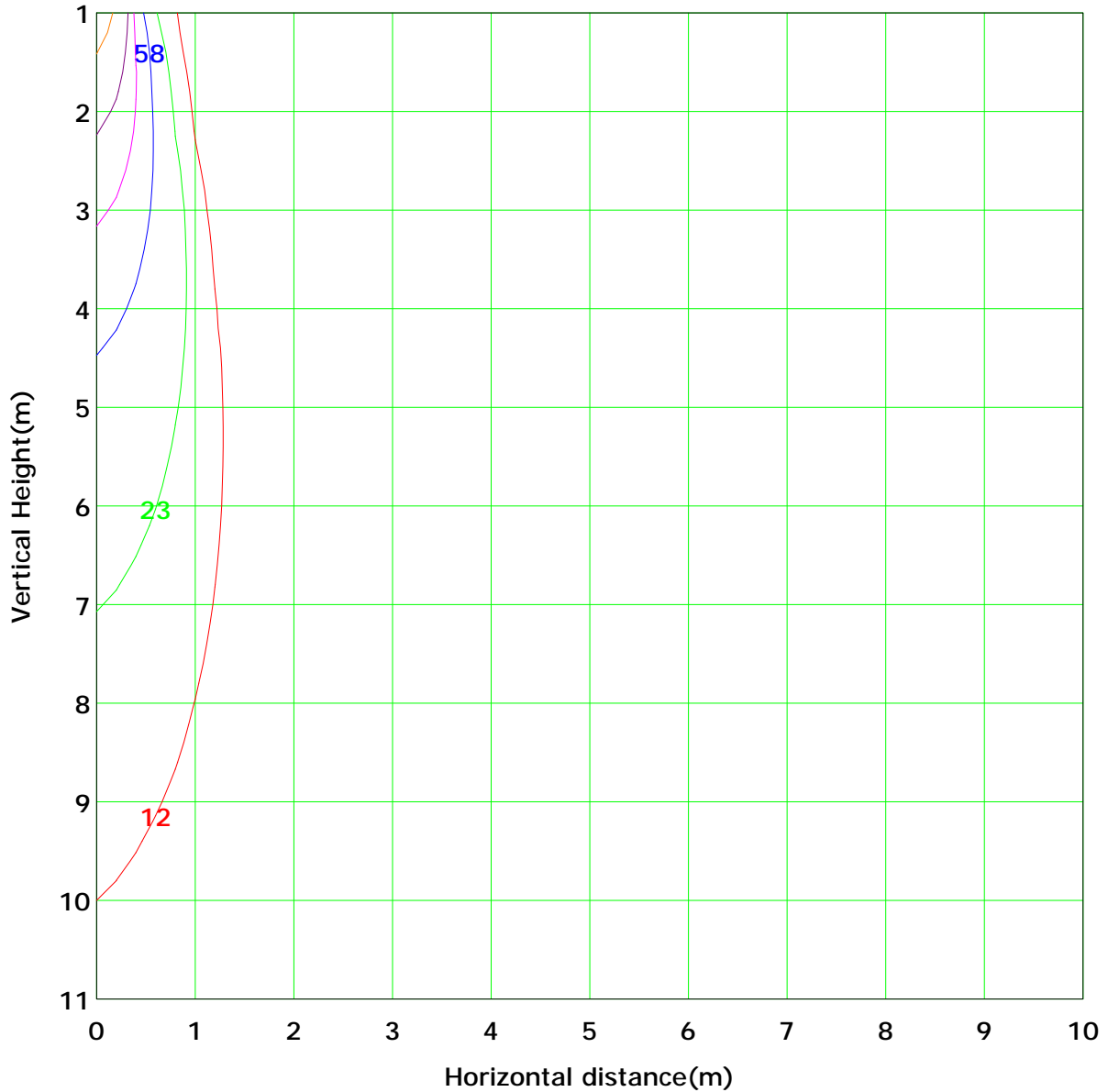
Illuminance at a Distance



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: 1163.9 lx
(1%): 11.6 lx	(2%): 23.3 lx	
(5%): 58.2 lx	(10%): 116.4 lx	
(20%): 232.8 lx	(50%): 581.9 lx	
(100%):1163.9 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

Unit: lx

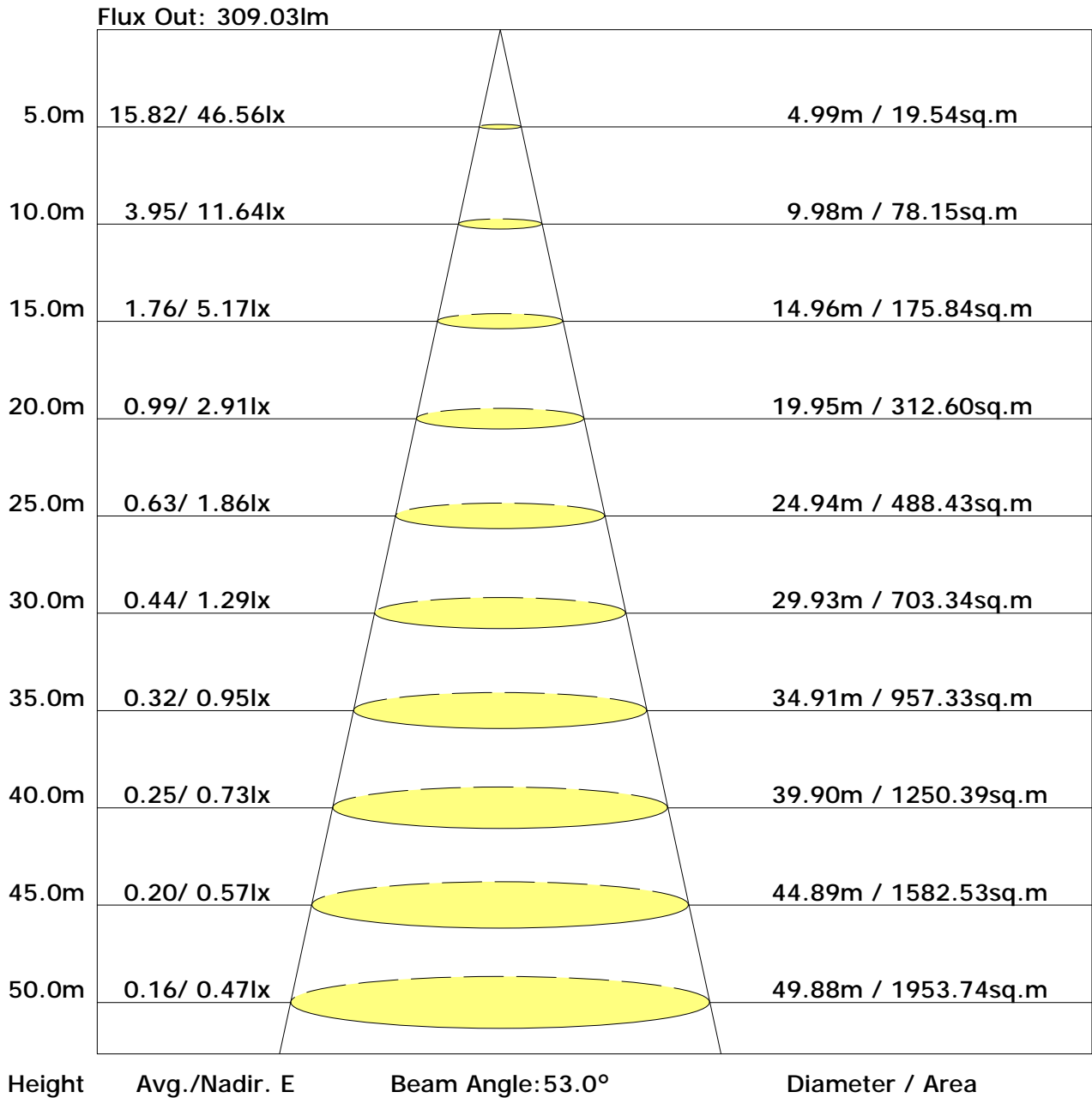
Vertical plane	-90.0	-80.0	-70.0	-60.0	-50.0	-40.0	-30.0	-20.0	-10.0	0.0	10.0	20.0	30.0	40.0	50.0	60.0	70.0	80.0	90.0	ΦE	
90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	316
80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.3	1.2	2.3	3.6	5.4	9.8	24.2	65.0	109.7	99.8	49.5	17.7	7.9	4.8	3.2	1.9	0.9	0.1	0.1	407	
ΦE	0.0	0.0	0.0	0.0	0.0	0.0	13.3	58.0	103.5	93.6	41.9	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	316

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

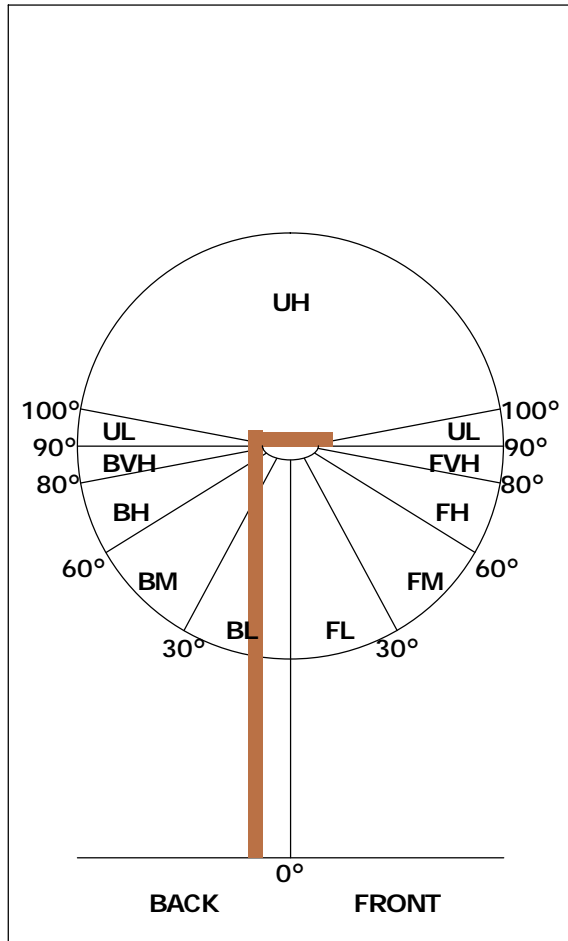
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$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



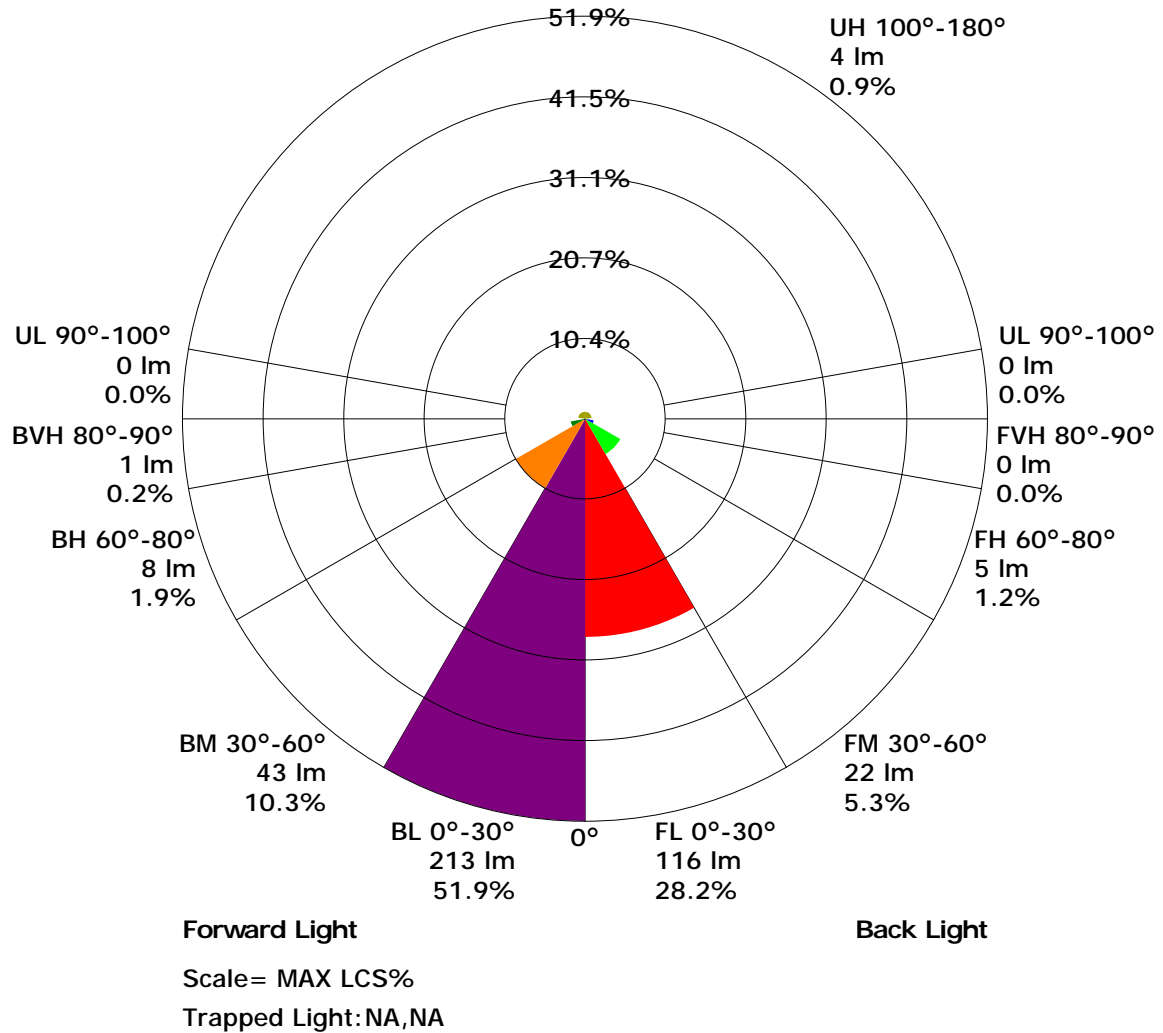
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	143	34.8
FL (0°-30°)	116	28.2
FM (30°-60°)	22	5.3
FH (60°-80°)	5	1.2
FVH (80°-90°)	0	0.0
BACK LIGHT	264	64.3
BL (0°-30°)	213	51.9
BM (30°-60°)	43	10.3
BH (60°-80°)	8	1.9
BVH (80°-90°)	1	0.2
UP LIGHT	4	0.9
UL (90°-100°)	0	0.0
UH (100°-180°)	4	0.9
TRAPPED LIGHT	NA	NA

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

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

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

LCS Graph



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

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

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.90	0.95	0.99	1.01	1.05	1.07	1.09	1.11	1.12	
	0.30		0.86	0.91	0.95	0.98	1.02	1.04	1.06	1.09	1.10	
	0.20		0.83	0.88	0.92	0.95	0.99	1.02	1.04	1.07	1.09	
0.50	0.50	0.20	0.89	0.93	0.97	0.99	1.02	1.04	1.05	1.07	1.08	
	0.30		0.85	0.90	0.93	0.96	0.99	1.01	1.03	1.05	1.07	
	0.20		0.82	0.87	0.91	0.93	0.97	0.99	1.01	1.04	1.05	
0.30	0.50	0.20	0.88	0.92	0.94	0.96	0.99	1.01	1.02	1.03	1.04	
	0.30		0.84	0.89	0.92	0.94	0.97	0.99	1.00	1.02	1.03	
	0.20		0.82	0.86	0.90	0.92	0.95	0.97	0.99	1.01	1.02	
0.00	0.00	0.00	0.80	0.84	0.87	0.89	0.92	0.93	0.95	0.96	0.97	
<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>												

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	0.52	0.43	0.37	0.32	0.25	0.21	0.18	0.14	0.11	
	0.30		0.43	0.37	0.32	0.28	0.23	0.19	0.17	0.13	0.11	
	0.20		0.37	0.32	0.28	0.25	0.21	0.18	0.16	0.12	0.10	
0.50	0.50	0.20	0.49	0.40	0.34	0.29	0.23	0.23	0.16	0.13	0.10	
	0.30		0.42	0.35	0.30	0.26	0.21	0.18	0.15	0.12	0.10	
	0.20		0.36	0.31	0.27	0.24	0.20	0.17	0.14	0.11	0.10	
0.30	0.50	0.20	0.47	0.38	0.32	0.27	0.21	0.18	0.15	0.11	0.09	
	0.30		0.40	0.33	0.28	0.25	0.20	0.17	0.14	0.11	0.09	
	0.20		0.35	0.30	0.26	0.23	0.18	0.15	0.13	0.10	0.09	
0.00	0.00	0.00	0.21	0.17	0.14	0.12	0.09	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 = 0.75									
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	0.19	0.20	0.20	0.21	0.22	
	0.30		0.10	0.12	0.13	0.14	0.16	0.18	0.18	0.20	0.21	
	0.20		0.07	0.09	0.11	0.12	0.14	0.16	0.17	0.18	0.19	
0.50	0.50	0.20	0.13	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21	
	0.30		0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.07	0.09	0.11	0.12	0.14	0.15	0.16	0.18	0.19	
0.30	0.50	0.20	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.20	
	0.30		0.09	0.11	0.13	0.14	0.15	0.17	0.17	0.18	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>												

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	1161.6	1.1	1.1	0.27	0.27
1.0-2.0	1153.9	3.3	4.4	0.81	1.08
2.0-3.0	1138.8	5.4	9.9	1.32	2.40
3.0-4.0	1118.8	7.5	17.4	1.82	4.22
4.0-5.0	1094.1	9.4	26.8	2.29	6.51
5.0-6.0	1063.3	11.2	38.0	2.72	9.23
6.0-7.0	1023.9	12.7	50.7	3.09	12.32
7.0-8.0	978.5	14.0	64.7	3.41	15.73
8.0-9.0	930.3	15.1	79.7	3.67	19.40
9.0-10.0	878.2	15.9	95.6	3.87	23.26
10.0-11.0	823.0	16.4	112.1	4.00	27.26
11.0-12.0	765.1	16.7	128.8	4.07	31.33
12.0-13.0	705.6	16.7	145.6	4.07	35.40
13.0-14.0	647.0	16.6	162.1	4.03	39.43
14.0-15.0	590.6	16.2	178.3	3.94	43.38
15.0-16.0	535.8	15.7	194.0	3.82	47.20
16.0-17.0	482.0	15.0	209.1	3.65	50.85
17.0-18.0	430.9	14.2	223.3	3.46	54.30
18.0-19.0	384.5	13.4	236.6	3.25	57.56
19.0-20.0	341.9	12.5	249.2	3.04	60.60
20.0-21.0	302.4	11.6	260.8	2.82	63.43
21.0-22.0	265.7	10.7	271.5	2.60	66.02
22.0-23.0	232.6	9.8	281.2	2.37	68.40
23.0-24.0	203.9	8.9	290.1	2.17	70.57
24.0-25.0	179.0	8.1	298.3	1.98	72.55
25.0-26.0	156.7	7.4	305.7	1.80	74.34
26.0-27.0	136.8	6.7	312.4	1.63	75.97
27.0-28.0	120.0	6.1	318.4	1.48	77.45
28.0-29.0	106.2	5.6	324.0	1.35	78.80
29.0-30.0	94.1	5.1	329.1	1.24	80.04
30.0-31.0	83.5	4.6	333.7	1.13	81.17
31.0-32.0	74.5	4.3	338.0	1.04	82.21
32.0-33.0	66.7	3.9	341.9	0.96	83.16
33.0-34.0	60.0	3.6	345.6	0.88	84.05
34.0-35.0	54.0	3.4	348.9	0.82	84.86
35.0-36.0	48.8	3.1	352.0	0.76	85.62

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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	44.5	2.9	354.9	0.71	86.33
37.0-38.0	40.8	2.7	357.6	0.66	86.99
38.0-39.0	37.3	2.5	360.2	0.62	87.61
39.0-40.0	34.2	2.4	362.6	0.58	88.19
40.0-41.0	31.5	2.2	364.8	0.55	88.73
41.0-42.0	29.3	2.1	366.9	0.52	89.25
42.0-43.0	27.2	2.0	369.0	0.49	89.74
43.0-44.0	25.5	1.9	370.9	0.47	90.21
44.0-45.0	24.0	1.8	372.7	0.45	90.66
45.0-46.0	22.6	1.8	374.5	0.43	91.09
46.0-47.0	21.4	1.7	376.2	0.41	91.50
47.0-48.0	20.2	1.6	377.8	0.40	91.90
48.0-49.0	19.1	1.6	379.4	0.38	92.28
49.0-50.0	18.2	1.5	380.9	0.37	92.65
50.0-51.0	17.3	1.5	382.4	0.36	93.01
51.0-52.0	16.5	1.4	383.8	0.34	93.35
52.0-53.0	15.7	1.4	385.2	0.33	93.68
53.0-54.0	15.0	1.3	386.5	0.32	94.00
54.0-55.0	14.4	1.3	387.8	0.31	94.32
55.0-56.0	13.7	1.2	389.0	0.30	94.62
56.0-57.0	13.1	1.2	390.2	0.29	94.91
57.0-58.0	12.5	1.2	391.4	0.28	95.19
58.0-59.0	12.0	1.1	392.5	0.27	95.46
59.0-60.0	11.4	1.1	393.6	0.26	95.72
60.0-61.0	10.9	1.0	394.6	0.25	95.98
61.0-62.0	10.4	1.0	395.6	0.24	96.22
62.0-63.0	9.9	1.0	396.6	0.23	96.45
63.0-64.0	9.4	0.9	397.5	0.22	96.68
64.0-65.0	8.9	0.9	398.4	0.21	96.89
65.0-66.0	8.3	0.8	399.2	0.20	97.10
66.0-67.0	7.8	0.8	400.0	0.19	97.29
67.0-68.0	7.3	0.7	400.7	0.18	97.47
68.0-69.0	6.9	0.7	401.4	0.17	97.64
69.0-70.0	6.3	0.7	402.1	0.16	97.80
70.0-71.0	5.9	0.6	402.7	0.15	97.95
71.0-72.0	5.5	0.6	403.3	0.14	98.08

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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	5.1	0.5	403.8	0.13	98.21
73.0-74.0	4.7	0.5	404.3	0.12	98.33
74.0-75.0	4.3	0.5	404.8	0.11	98.45
75.0-76.0	3.9	0.4	405.2	0.10	98.55
76.0-77.0	3.5	0.4	405.5	0.09	98.64
77.0-78.0	3.2	0.3	405.9	0.08	98.72
78.0-79.0	2.7	0.3	406.2	0.07	98.79
79.0-80.0	2.3	0.2	406.4	0.06	98.85
80.0-81.0	2.0	0.2	406.6	0.05	98.90
81.0-82.0	1.7	0.2	406.8	0.04	98.95
82.0-83.0	1.4	0.1	407.0	0.04	98.98
83.0-84.0	1.1	0.1	407.1	0.03	99.01
84.0-85.0	0.9	0.1	407.2	0.02	99.04
85.0-86.0	0.7	0.1	407.3	0.02	99.05
86.0-87.0	0.4	0.0	407.3	0.01	99.07
87.0-88.0	0.3	0.0	407.3	0.01	99.07
88.0-89.0	0.1	0.0	407.3	0.00	99.07
89.0-90.0	0.0	0.0	407.3	0.00	99.07
90.0-91.0	0.0	0.0	407.3	0.00	99.07
91.0-92.0	0.0	0.0	407.3	0.00	99.07
92.0-93.0	0.0	0.0	407.3	0.00	99.07
93.0-94.0	0.0	0.0	407.3	0.00	99.07
94.0-95.0	0.0	0.0	407.3	0.00	99.07
95.0-96.0	0.0	0.0	407.3	0.00	99.07
96.0-97.0	0.0	0.0	407.3	0.00	99.07
97.0-98.0	0.0	0.0	407.3	0.00	99.07
98.0-99.0	0.0	0.0	407.3	0.00	99.07
99.0-100.0	0.0	0.0	407.3	0.00	99.07
100.0-101.0	0.0	0.0	407.3	0.00	99.07
101.0-102.0	0.0	0.0	407.3	0.00	99.07
102.0-103.0	0.0	0.0	407.3	0.00	99.07
103.0-104.0	0.0	0.0	407.3	0.00	99.07
104.0-105.0	0.0	0.0	407.3	0.00	99.07
105.0-106.0	0.0	0.0	407.3	0.00	99.07
106.0-107.0	0.0	0.0	407.3	0.00	99.07
107.0-108.0	0.0	0.0	407.3	0.00	99.07

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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	0.0	0.0	407.3	0.00	99.07
109.0-110.0	0.0	0.0	407.3	0.00	99.07
110.0-111.0	0.0	0.0	407.3	0.00	99.07
111.0-112.0	0.0	0.0	407.3	0.00	99.07
112.0-113.0	0.0	0.0	407.3	0.00	99.07
113.0-114.0	0.0	0.0	407.3	0.00	99.07
114.0-115.0	0.0	0.0	407.3	0.00	99.07
115.0-116.0	0.0	0.0	407.3	0.00	99.07
116.0-117.0	0.0	0.0	407.3	0.00	99.07
117.0-118.0	0.0	0.0	407.3	0.00	99.07
118.0-119.0	0.0	0.0	407.3	0.00	99.07
119.0-120.0	0.0	0.0	407.3	0.00	99.07
120.0-121.0	0.0	0.0	407.3	0.00	99.07
121.0-122.0	0.0	0.0	407.3	0.00	99.07
122.0-123.0	0.0	0.0	407.3	0.00	99.07
123.0-124.0	0.0	0.0	407.3	0.00	99.07
124.0-125.0	0.0	0.0	407.3	0.00	99.07
125.0-126.0	0.0	0.0	407.3	0.00	99.07
126.0-127.0	0.0	0.0	407.3	0.00	99.07
127.0-128.0	0.0	0.0	407.3	0.00	99.07
128.0-129.0	0.1	0.0	407.3	0.00	99.08
129.0-130.0	0.1	0.0	407.4	0.00	99.08
130.0-131.0	0.1	0.0	407.4	0.00	99.08
131.0-132.0	0.2	0.0	407.4	0.00	99.08
132.0-133.0	0.2	0.0	407.4	0.00	99.09
133.0-134.0	0.2	0.0	407.4	0.00	99.09
134.0-135.0	0.2	0.0	407.4	0.00	99.09
135.0-136.0	0.3	0.0	407.4	0.01	99.10
136.0-137.0	0.4	0.0	407.5	0.01	99.11
137.0-138.0	0.4	0.0	407.5	0.01	99.11
138.0-139.0	0.4	0.0	407.5	0.01	99.12
139.0-140.0	0.5	0.0	407.6	0.01	99.13
140.0-141.0	0.7	0.0	407.6	0.01	99.14
141.0-142.0	0.9	0.1	407.7	0.02	99.15
142.0-143.0	1.2	0.1	407.7	0.02	99.17
143.0-144.0	1.3	0.1	407.8	0.02	99.19

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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	1.4	0.1	407.9	0.02	99.22
145.0-146.0	1.6	0.1	408.0	0.02	99.24
146.0-147.0	1.8	0.1	408.1	0.03	99.27
147.0-148.0	2.0	0.1	408.2	0.03	99.30
148.0-149.0	2.1	0.1	408.4	0.03	99.32
149.0-150.0	2.3	0.1	408.5	0.03	99.36
150.0-151.0	2.4	0.1	408.6	0.03	99.39
151.0-152.0	2.5	0.1	408.8	0.03	99.42
152.0-153.0	2.6	0.1	408.9	0.03	99.45
153.0-154.0	2.7	0.1	409.0	0.03	99.48
154.0-155.0	2.8	0.1	409.2	0.03	99.52
155.0-156.0	2.9	0.1	409.3	0.03	99.55
156.0-157.0	3.0	0.1	409.4	0.03	99.58
157.0-158.0	3.1	0.1	409.6	0.03	99.61
158.0-159.0	3.2	0.1	409.7	0.03	99.64
159.0-160.0	3.3	0.1	409.8	0.03	99.67
160.0-161.0	3.3	0.1	409.9	0.03	99.70
161.0-162.0	3.4	0.1	410.0	0.03	99.73
162.0-163.0	3.5	0.1	410.2	0.03	99.76
163.0-164.0	3.5	0.1	410.3	0.03	99.79
164.0-165.0	3.5	0.1	410.4	0.03	99.81
165.0-166.0	3.5	0.1	410.5	0.02	99.84
166.0-167.0	3.5	0.1	410.6	0.02	99.86
167.0-168.0	3.5	0.1	410.6	0.02	99.88
168.0-169.0	3.6	0.1	410.7	0.02	99.90
169.0-170.0	3.7	0.1	410.8	0.02	99.91
170.0-171.0	3.6	0.1	410.9	0.02	99.93
171.0-172.0	3.6	0.1	410.9	0.01	99.95
172.0-173.0	3.6	0.1	411.0	0.01	99.96
173.0-174.0	3.6	0.0	411.0	0.01	99.97
174.0-175.0	3.7	0.0	411.1	0.01	99.98
175.0-176.0	3.7	0.0	411.1	0.01	99.99
176.0-177.0	3.7	0.0	411.1	0.01	99.99
177.0-178.0	3.7	0.0	411.1	0.00	100.00
178.0-179.0	3.7	0.0	411.1	0.00	100.00
179.0-180.0	3.7	0.0	411.1	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	1163.9	1162.2	1162.1	1165.6	1163.9	1162.2	1162.1	1165.6	1163.9	
G1.0	1126.4	1123.9	1148.3	1176.0	1193.6	1189.5	1170.6	1150.2	1126.4	
G2.0	1079.4	1078.9	1126.4	1180.2	1219.5	1209.2	1169.8	1120.7	1079.4	
G3.0	1020.5	1029.5	1097.9	1179.1	1241.6	1224.5	1161.1	1082.7	1020.5	
G4.0	962.5	975.4	1062.5	1178.5	1258.8	1238.1	1149.6	1038.0	962.5	
G5.0	900.3	915.2	1022.0	1166.0	1267.8	1248.4	1127.1	995.9	900.3	
G6.0	833.4	853.0	972.8	1142.6	1268.6	1254.0	1099.4	945.7	833.4	
G7.0	760.1	780.9	917.3	1108.0	1260.2	1241.8	1055.8	889.4	760.1	
G8.0	691.8	715.2	864.1	1074.3	1239.8	1214.9	1015.4	827.6	691.8	
G9.0	624.4	651.1	802.1	1027.1	1214.5	1188.0	971.7	763.1	624.4	
G10.0	557.0	580.6	740.3	975.8	1181.5	1150.0	925.1	699.6	557.0	
G11.0	494.0	516.7	678.1	920.0	1139.8	1104.1	868.9	636.6	494.0	
G12.0	430.2	457.5	609.2	855.8	1097.4	1052.7	805.5	575.3	430.2	
G13.0	374.7	404.2	549.7	798.9	1040.2	994.2	734.8	509.4	374.7	
G14.0	324.0	351.2	494.7	737.1	981.6	927.2	674.9	454.4	324.0	
G15.0	280.2	305.1	439.7	675.7	922.8	863.3	614.4	402.7	280.2	
G16.0	234.0	260.8	388.2	615.4	863.4	800.5	554.0	353.3	234.0	
G17.0	201.8	225.2	336.8	550.3	794.1	738.1	491.4	304.9	201.8	
G18.0	169.1	192.9	294.7	495.0	726.8	668.4	438.9	266.2	169.1	
G19.0	144.7	165.5	257.9	444.0	662.9	605.5	387.4	231.8	144.7	
G20.0	124.4	139.9	224.8	395.6	598.7	545.6	341.3	199.8	124.4	
G21.0	104.9	120.8	194.2	350.4	538.2	488.0	299.5	172.5	104.9	
G22.0	90.3	104.5	165.8	306.2	476.6	434.2	258.0	147.4	90.3	
G23.0	78.4	91.2	144.3	268.6	423.5	378.9	225.9	127.3	78.4	
G24.0	68.4	80.1	125.8	234.2	375.6	333.6	198.7	108.4	68.4	
G25.0	60.5	69.8	110.1	205.8	332.2	294.7	172.2	93.8	60.5	
G26.0	53.1	61.6	94.9	179.0	292.0	259.0	146.5	81.8	53.1	
G27.0	47.6	54.9	83.6	157.9	253.3	225.1	127.3	71.1	47.6	
G28.0	43.0	49.3	73.4	139.4	223.6	196.7	111.4	62.6	43.0	
G29.0	39.4	44.9	66.1	123.5	198.6	173.0	97.7	56.3	39.4	
G30.0	35.8	40.7	58.6	108.5	174.5	152.7	86.0	49.8	35.8	
G31.0	32.8	36.9	52.9	96.7	154.2	135.6	76.0	44.8	32.8	
G32.0	30.8	34.0	47.7	86.8	135.9	119.0	67.2	40.9	30.8	
G33.0	28.3	31.0	43.0	77.7	121.0	105.7	60.7	37.5	28.3	
G34.0	26.0	28.8	39.0	69.6	108.3	94.4	54.4	34.8	26.0	
G35.0	24.2	27.0	35.1	62.0	95.8	84.3	48.4	32.1	24.2	
G36.0	23.1	25.2	32.2	56.4	86.5	75.0	43.8	29.6	23.1	

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:

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	21.7	23.7	29.7	51.1	77.9	68.5	40.1	27.5	21.7
G38.0	20.5	22.3	27.8	46.9	69.8	62.2	36.8	25.7	20.5
G39.0	19.6	21.0	25.6	42.5	62.9	56.3	33.3	23.9	19.6
G40.0	18.5	20.0	23.8	39.2	56.5	51.0	30.2	22.5	18.5
G41.0	17.6	19.3	22.5	36.1	51.5	46.3	28.4	20.9	17.6
G42.0	17.0	18.2	21.1	33.6	46.8	42.8	26.8	19.9	17.0
G43.0	15.9	17.3	20.0	31.2	42.4	39.3	25.0	18.7	15.9
G44.0	15.4	16.8	19.2	29.3	39.2	36.4	24.0	17.9	15.4
G45.0	14.6	16.2	18.7	27.8	35.9	33.1	22.7	17.3	14.6
G46.0	14.0	15.5	17.6	25.9	33.6	30.9	21.4	16.5	14.0
G47.0	14.0	15.0	16.8	24.7	31.1	28.7	19.9	15.8	14.0
G48.0	13.3	14.6	16.1	23.2	29.0	27.0	18.7	15.1	13.3
G49.0	12.6	14.2	15.5	21.9	27.3	25.1	17.8	14.6	12.6
G50.0	12.1	13.7	14.7	21.1	25.3	23.7	17.0	14.0	12.1
G51.0	12.0	13.2	14.1	20.0	23.8	22.5	16.3	13.5	12.0
G52.0	11.6	12.2	13.3	19.0	22.5	21.4	15.5	12.9	11.6
G53.0	11.3	11.6	12.8	18.1	21.2	20.2	14.8	12.4	11.3
G54.0	10.9	11.1	12.4	17.2	20.2	19.4	14.3	12.0	10.9
G55.0	10.6	10.6	11.8	16.5	19.2	18.3	13.7	11.4	10.6
G56.0	10.2	10.3	11.2	15.7	18.3	17.4	13.1	10.9	10.2
G57.0	9.6	9.8	10.9	14.9	17.5	16.8	12.5	10.5	9.6
G58.0	9.0	9.5	10.6	14.3	16.6	15.9	12.0	10.2	9.0
G59.0	8.6	9.1	10.1	13.6	15.6	15.1	11.6	9.8	8.6
G60.0	8.2	8.7	9.5	12.8	15.1	14.3	11.0	9.2	8.2
G61.0	7.9	8.5	9.1	12.2	14.4	13.6	10.6	8.7	7.9
G62.0	7.4	8.0	8.7	11.8	13.8	12.7	10.2	8.5	7.4
G63.0	6.9	7.4	8.3	11.5	13.3	11.9	9.9	8.1	6.9
G64.0	6.4	7.1	7.7	11.0	12.6	11.4	9.4	7.8	6.4
G65.0	6.0	6.6	7.3	10.1	11.8	10.9	8.8	7.3	6.0
G66.0	5.5	6.3	6.7	9.3	11.2	10.2	8.5	6.9	5.5
G67.0	5.3	5.7	6.2	8.8	10.4	9.8	7.9	6.4	5.3
G68.0	5.0	5.4	5.7	8.3	9.8	9.4	7.5	5.7	5.0
G69.0	4.7	4.8	5.3	7.9	9.2	8.7	6.9	5.4	4.7
G70.0	4.0	4.4	4.9	7.2	8.6	8.2	6.3	5.1	4.0
G71.0	3.7	4.1	4.5	6.7	8.1	7.8	5.8	4.8	3.7
G72.0	3.3	3.9	4.2	6.1	7.6	7.3	5.4	4.5	3.3
G73.0	3.0	3.5	3.8	5.8	7.3	6.8	5.2	3.9	3.0

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 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	2.7	2.8	3.6	5.2	6.8	6.1	4.9	4.0	2.7
G75.0	2.3	2.7	3.3	4.8	6.1	5.7	4.3	3.5	2.3
G76.0	1.9	2.4	3.0	4.5	5.8	5.2	3.9	3.2	1.9
G77.0	1.5	1.9	2.6	4.0	5.2	4.7	3.7	2.6	1.5
G78.0	1.3	1.6	2.4	3.7	4.8	4.5	3.7	2.3	1.3
G79.0	0.0	0.0	2.0	3.5	4.4	3.9	3.6	1.8	0.0
G80.0	0.0	0.0	1.5	3.1	4.0	3.7	3.1	1.6	0.0
G81.0	0.0	0.0	1.2	2.7	3.8	3.2	2.8	1.2	0.0
G82.0	0.0	0.0	1.2	2.2	3.3	3.0	2.6	0.0	0.0
G83.0	0.0	0.0	0.0	1.9	2.7	2.7	2.1	0.0	0.0
G84.0	0.0	0.0	0.0	1.5	2.5	2.2	1.6	0.0	0.0
G85.0	0.0	0.0	0.0	1.2	2.4	2.0	1.4	0.0	0.0
G86.0	0.0	0.0	0.0	0.0	2.0	1.6	0.0	0.0	0.0
G87.0	0.0	0.0	0.0	0.0	1.7	1.3	0.0	0.0	0.0
G88.0	0.0	0.0	0.0	0.0	1.3	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	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	
G130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G131.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	
G132.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	
G133.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	
G134.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	
G135.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	
G136.0	2.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	2.0	
G137.0	1.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.8	
G138.0	1.7	1.2	0.0	0.0	0.0	0.0	0.0	0.0	1.7	
G139.0	1.8	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.8	
G140.0	2.0	1.5	0.0	0.0	0.0	0.0	0.0	1.2	2.0	
G141.0	2.0	1.7	1.3	0.0	0.0	0.0	0.0	1.3	2.0	
G142.0	2.1	2.1	1.4	1.2	0.0	0.0	0.0	1.5	2.1	
G143.0	2.3	2.1	1.5	1.3	0.0	1.2	0.0	1.7	2.3	
G144.0	2.5	2.2	1.6	1.6	0.0	1.3	0.0	1.8	2.5	
G145.0	2.7	2.3	1.8	1.7	0.0	1.3	0.0	1.8	2.7	
G146.0	2.8	2.3	1.8	1.9	1.3	1.4	0.0	2.1	2.8	
G147.0	2.9	2.4	2.0	1.9	1.2	1.4	1.2	2.3	2.9	

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	3.0	2.4	2.2	2.2	1.3	1.6	1.3	2.5	3.0	
G149.0	3.1	2.7	2.3	2.3	1.5	1.7	1.4	2.4	3.1	
G150.0	3.6	3.3	2.4	2.3	1.7	1.9	1.4	2.7	3.6	
G151.0	3.4	3.0	2.6	2.6	1.8	2.0	1.5	2.8	3.4	
G152.0	3.3	3.1	2.7	2.9	2.0	2.0	1.5	2.8	3.3	
G153.0	3.6	3.3	2.8	2.9	2.0	2.4	1.7	2.8	3.6	
G154.0	3.6	3.3	2.9	3.1	2.4	2.1	1.8	2.9	3.6	
G155.0	3.9	3.4	3.1	3.1	2.5	2.3	2.1	3.0	3.9	
G156.0	3.8	3.4	3.1	3.1	2.5	2.3	2.2	3.2	3.8	
G157.0	3.8	3.3	3.1	3.1	2.7	2.4	2.4	3.3	3.8	
G158.0	3.9	3.6	3.1	3.3	2.7	2.8	2.4	3.4	3.9	
G159.0	3.9	3.7	3.3	3.3	2.8	2.9	2.6	3.3	3.9	
G160.0	3.9	3.8	3.1	3.5	3.0	3.1	2.6	3.5	3.9	
G161.0	4.1	3.7	3.2	3.5	3.1	3.1	2.7	3.3	4.1	
G162.0	4.0	3.9	3.1	3.6	3.2	3.2	2.9	3.4	4.0	
G163.0	4.0	3.9	3.3	3.8	3.4	3.2	3.0	3.6	4.0	
G164.0	4.1	4.0	3.3	3.4	3.5	3.3	3.1	3.4	4.1	
G165.0	4.0	3.9	3.2	3.6	3.7	3.3	3.1	3.5	4.0	
G166.0	3.9	3.8	3.2	3.7	3.7	3.3	3.0	3.5	3.9	
G167.0	4.0	3.7	3.3	3.7	3.6	3.3	3.1	3.6	4.0	
G168.0	3.9	3.6	3.2	3.6	3.9	3.6	3.1	3.4	3.9	
G169.0	3.9	3.5	3.3	3.8	4.3	3.6	3.3	3.6	3.9	
G170.0	3.8	3.8	3.3	3.8	4.0	3.7	3.3	3.5	3.8	
G171.0	3.7	3.6	3.4	3.8	3.9	3.8	3.1	3.6	3.7	
G172.0	3.8	3.7	3.6	3.8	4.0	3.7	3.2	3.6	3.8	
G173.0	3.8	3.6	3.5	3.6	3.9	3.9	3.3	3.4	3.8	
G174.0	3.7	3.6	3.3	3.6	4.0	3.8	3.6	3.6	3.7	
G175.0	3.8	3.6	3.6	3.7	3.9	3.9	3.7	3.7	3.8	
G176.0	4.1	3.5	3.6	3.6	3.7	4.0	3.5	3.6	4.1	
G177.0	4.0	3.6	3.6	3.7	3.8	4.0	3.4	3.5	4.0	
G178.0	3.7	3.7	3.6	3.7	4.0	4.0	3.5	3.7	3.7	
G179.0	3.8	3.9	3.4	3.8	3.9	3.8	3.5	3.7	3.8	
G180.0	3.8	3.9	3.5	3.7	3.8	3.8	3.5	3.5	3.8	

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: