

Report No.: 20160708-001

Test Time: 2016-07-12 11:57

Luminaire Property

Luminaire Manufacturer:
Luminaire Category: LED

Lamp Catalog: 2835/ATC
Luminous Length (mm): 602
Luminous Height (mm): 68
Current: 0.757 A
Power Factor: 0.994

Lamp Description: 2835/3000K
Luminous Width (mm): 407
Voltage: 119.5 V
Power: 89.93 W

Photometric Results

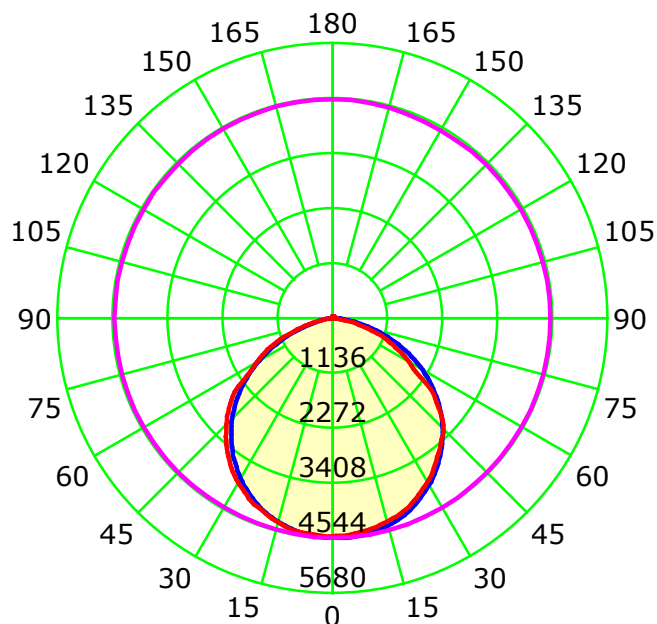
CIE Class: Direct
Measurement Flux: 12696.9 lm
Downward Ratio: 99%
Field Angle: H154.4 V153.0
Luminaire Efficacy Rating (LER): 141
Max. Intensity: 4544 cd

Total Rated Lamp Lumens: 12696.9 lm
Efficiency: 100%
Upward Ratio: 1%
Beam Angle: H112.4 V110.6
Central Intensity: 4540.49 cd
Pos of Max. Intensity: H0 V3

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

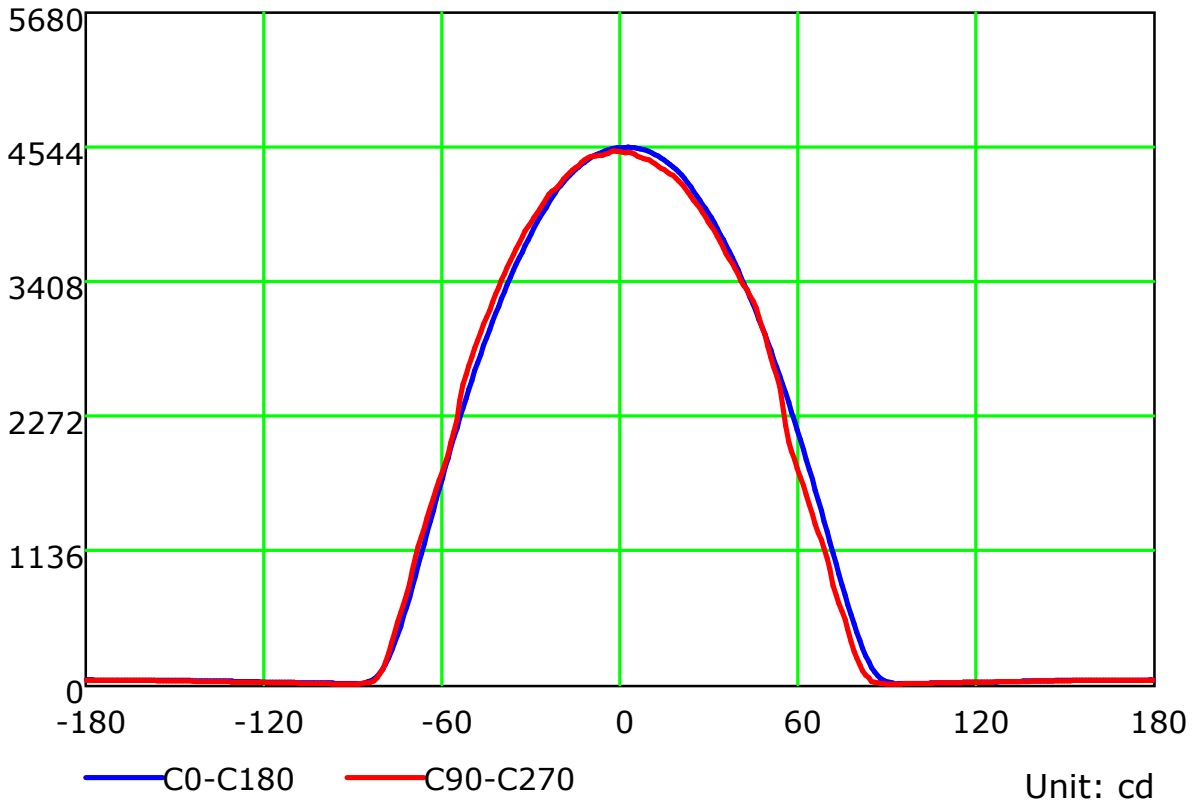
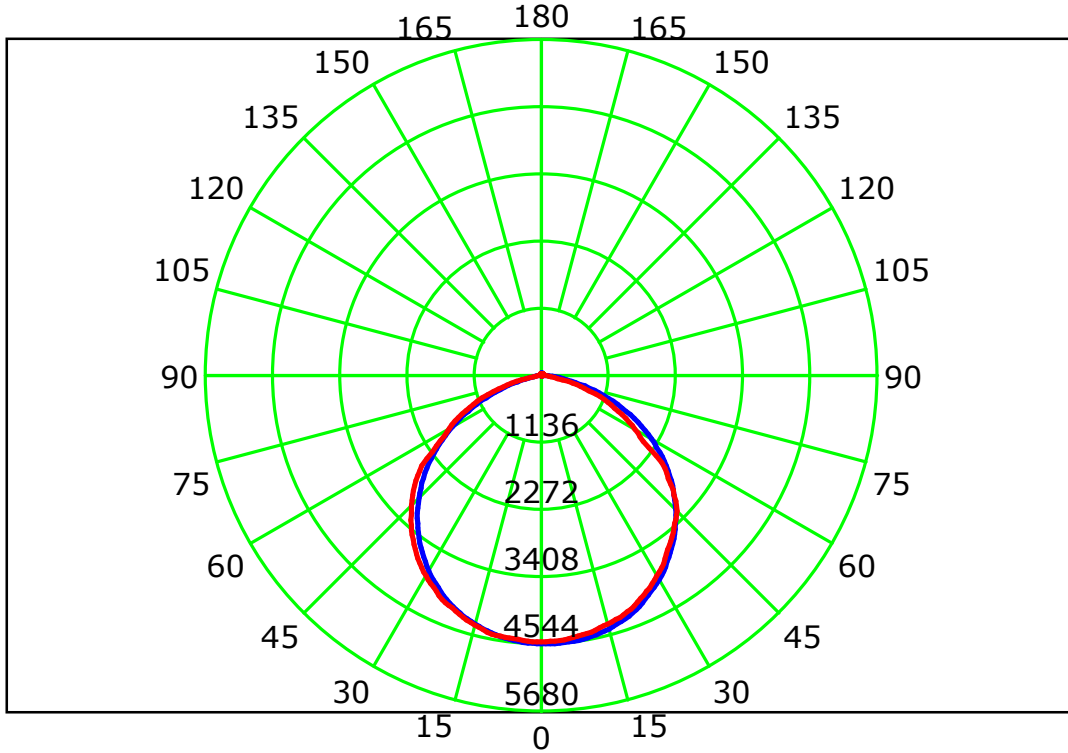
— C0-C180 — C90-C270 — G3

C Plane (°):0.0-360.0: 30.0

Test Type: TYPE C
Temperature: 35
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.692 m
Humidity: 45-75
Inspector:

Luminous Intensity Distribution Curve

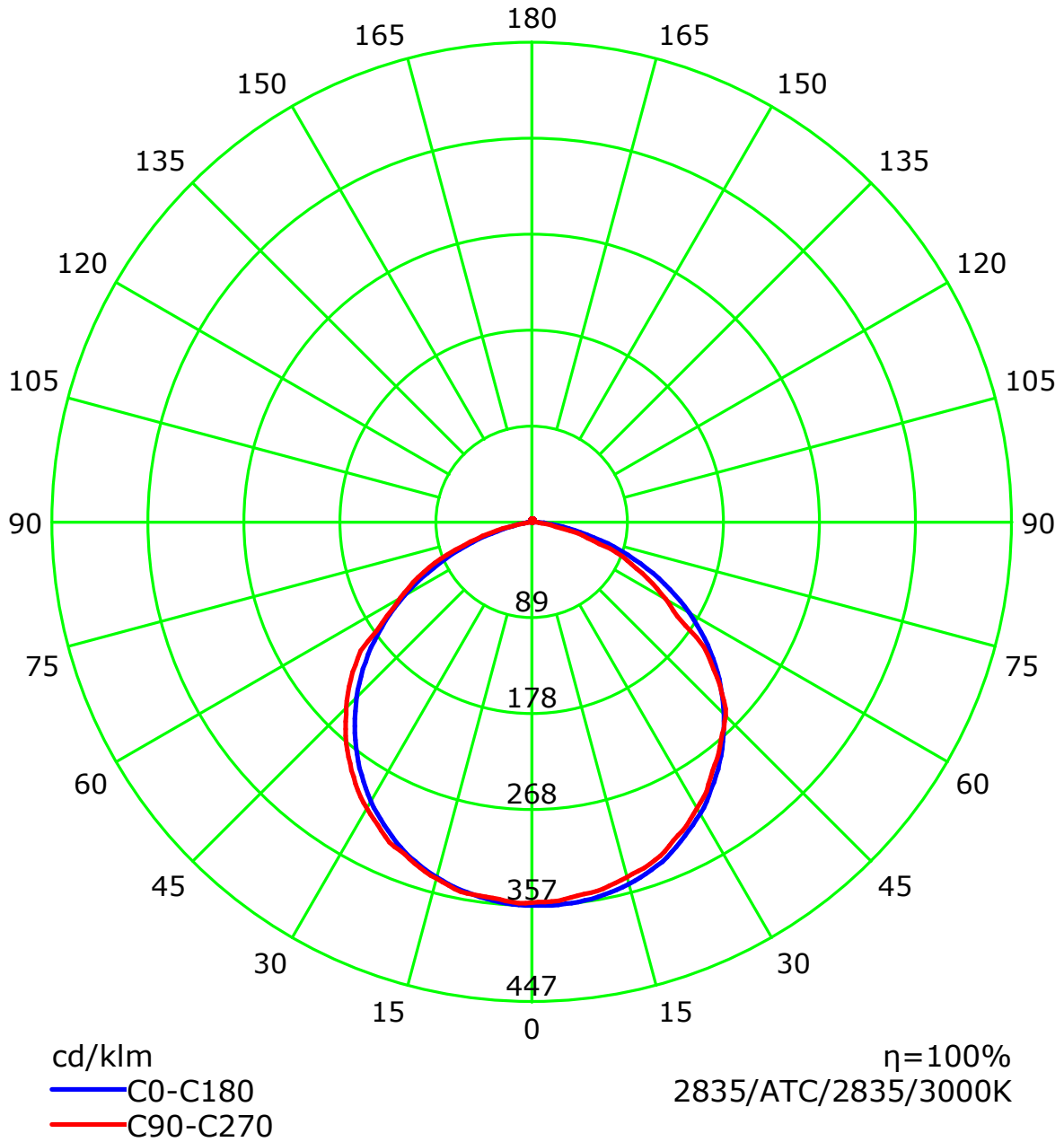


C Plane (°):0.0-360.0: 30.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.692 m
 Humidity: 45-75
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 30.0

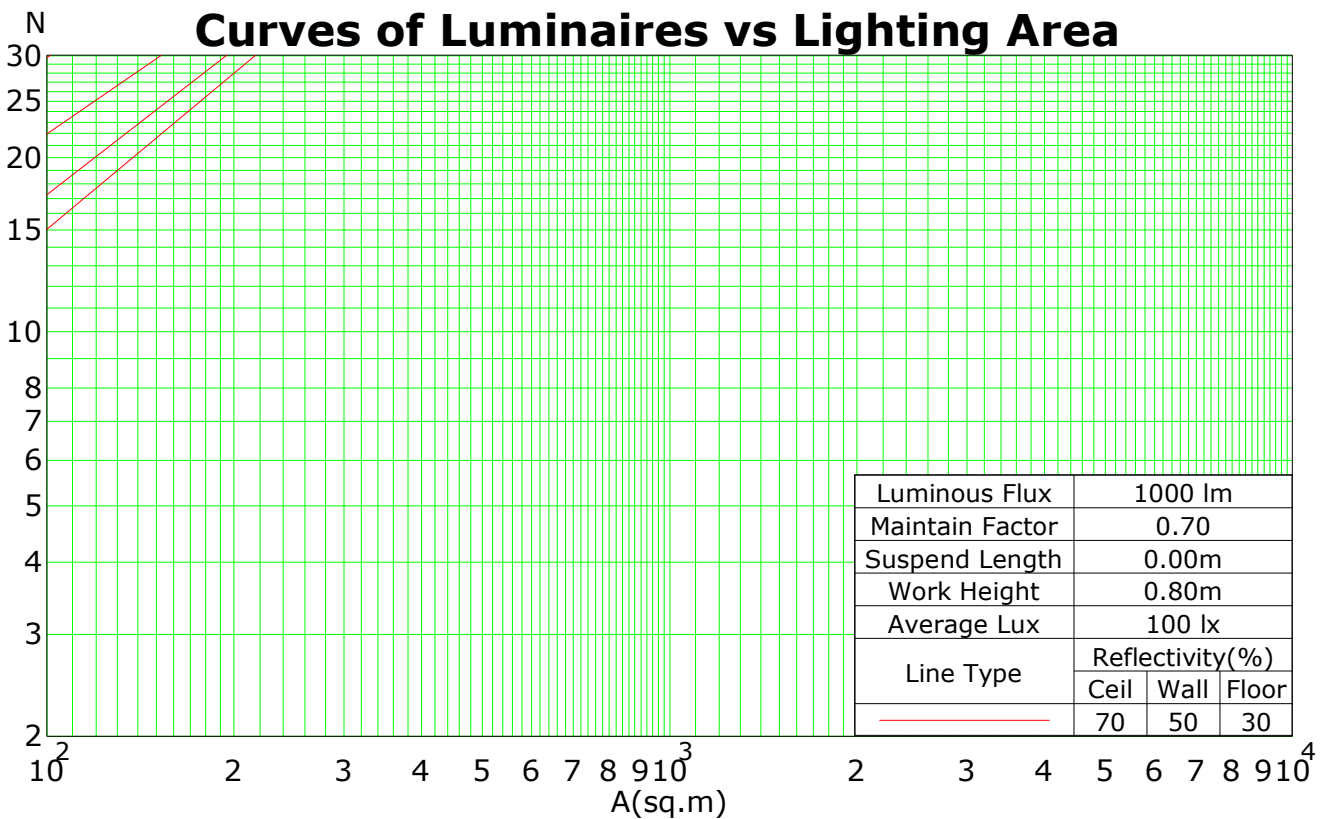
Test Type: TYPE C
Temperature: 35
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.692 m
Humidity: 45-75
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	110	110	110	105	105	105	101	101	101	99
1	109	105	101	97	106	102	99	96	98	95	92	94	92	89	90	88	86	84
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	79	76	73	71
3	91	81	73	67	88	79	72	66	76	70	65	73	68	63	70	66	62	60
4	83	72	63	57	81	70	62	56	68	61	55	65	59	54	63	58	53	51
5	77	64	55	49	74	63	55	48	61	53	48	59	52	47	57	51	47	44
6	71	58	49	43	69	57	48	42	55	47	42	53	46	41	51	45	41	39
7	66	52	44	38	64	51	43	37	50	42	37	48	42	37	47	41	36	34
8	61	48	39	33	59	47	39	33	45	38	33	44	38	33	43	37	32	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	29	40	34	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

Spacing Criteria (0-180): 1.27
 Spacing Criteria (90-270): 1.29
 Spacing Criteria (Diagonal): 1.39



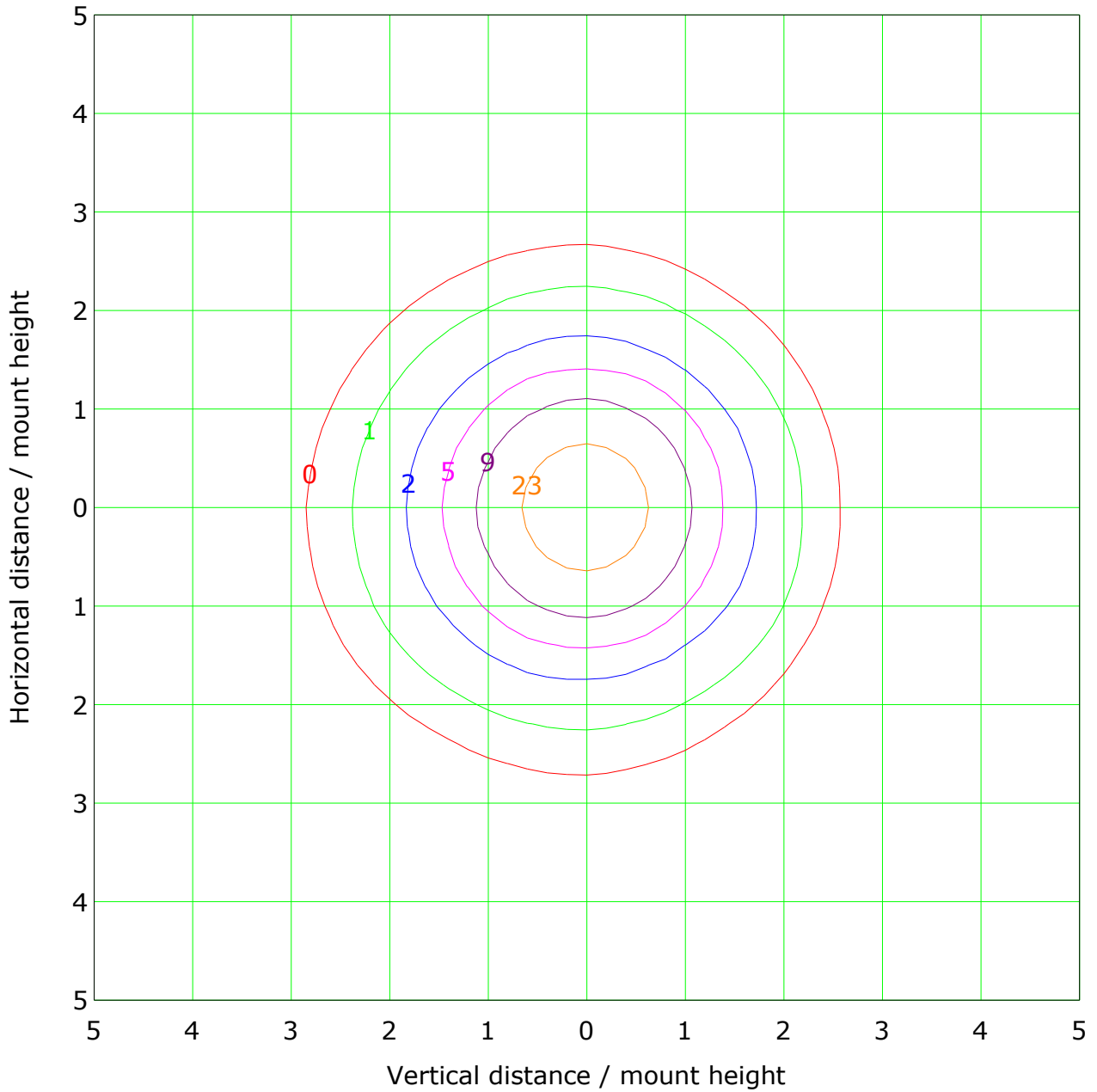
C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 Inspector:

IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 45.4 lx	
<ul style="list-style-type: none"> — (1%): 0.5 lx — (5%): 2.3 lx — (20%): 9.1 lx — (100%): 45.4 lx 	<ul style="list-style-type: none"> — (2%): 0.9 lx — (10%): 4.5 lx — (50%): 22.7 lx 		

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

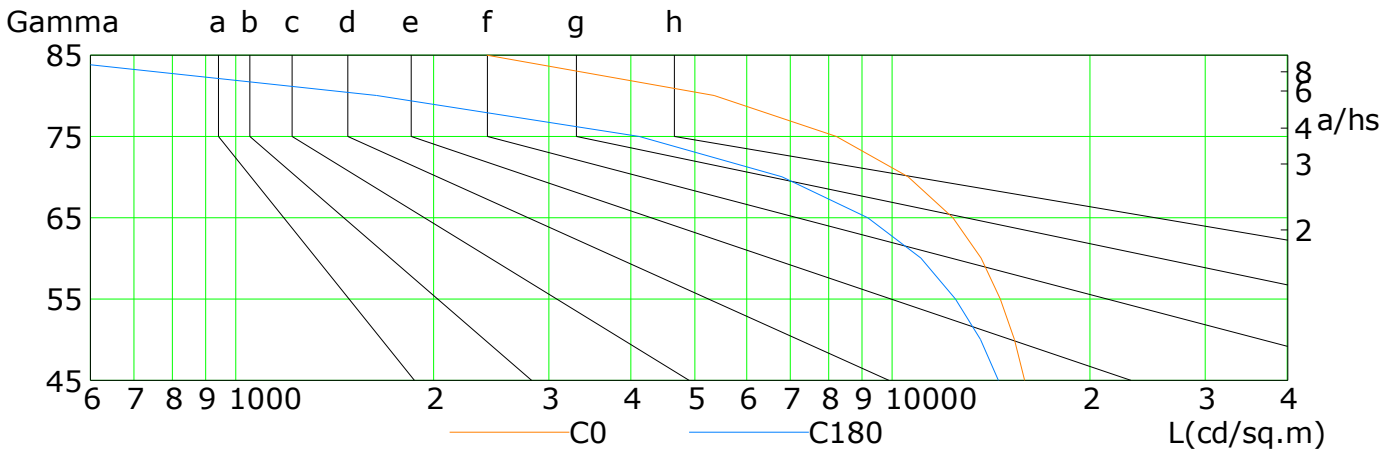
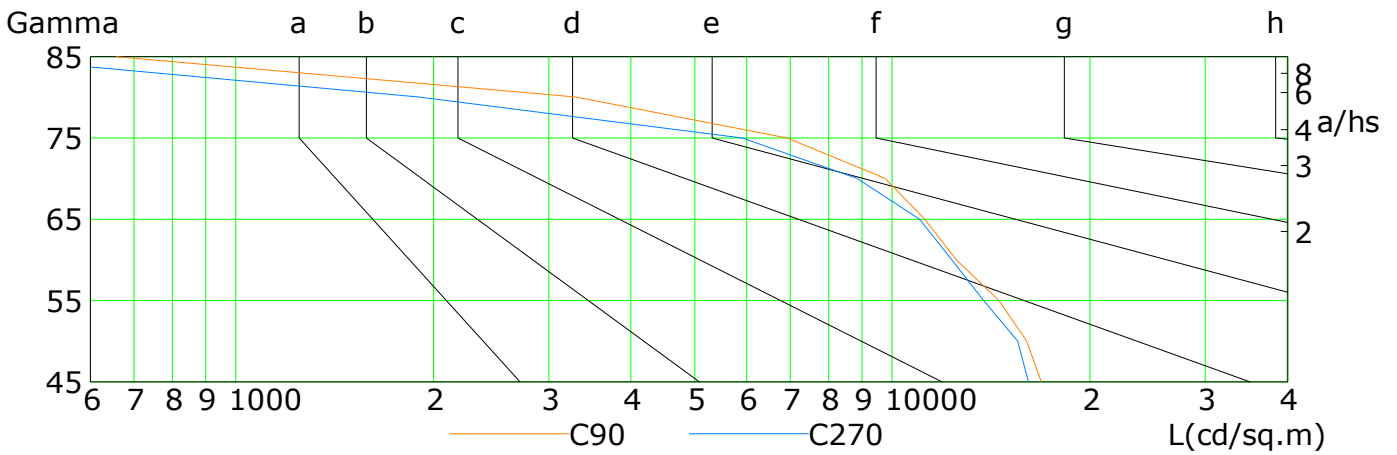
Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 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	15928	15333	14615	13644	12362	10576	8224	5356	2413
C90	16848	16015	14554	12504	11207	9750	6923	3296	657
C180	14517	13633	12479	11049	9173	6800	4121	1640	443
C270	16118	15505	13766	12328	10997	8832	5911	1900	406

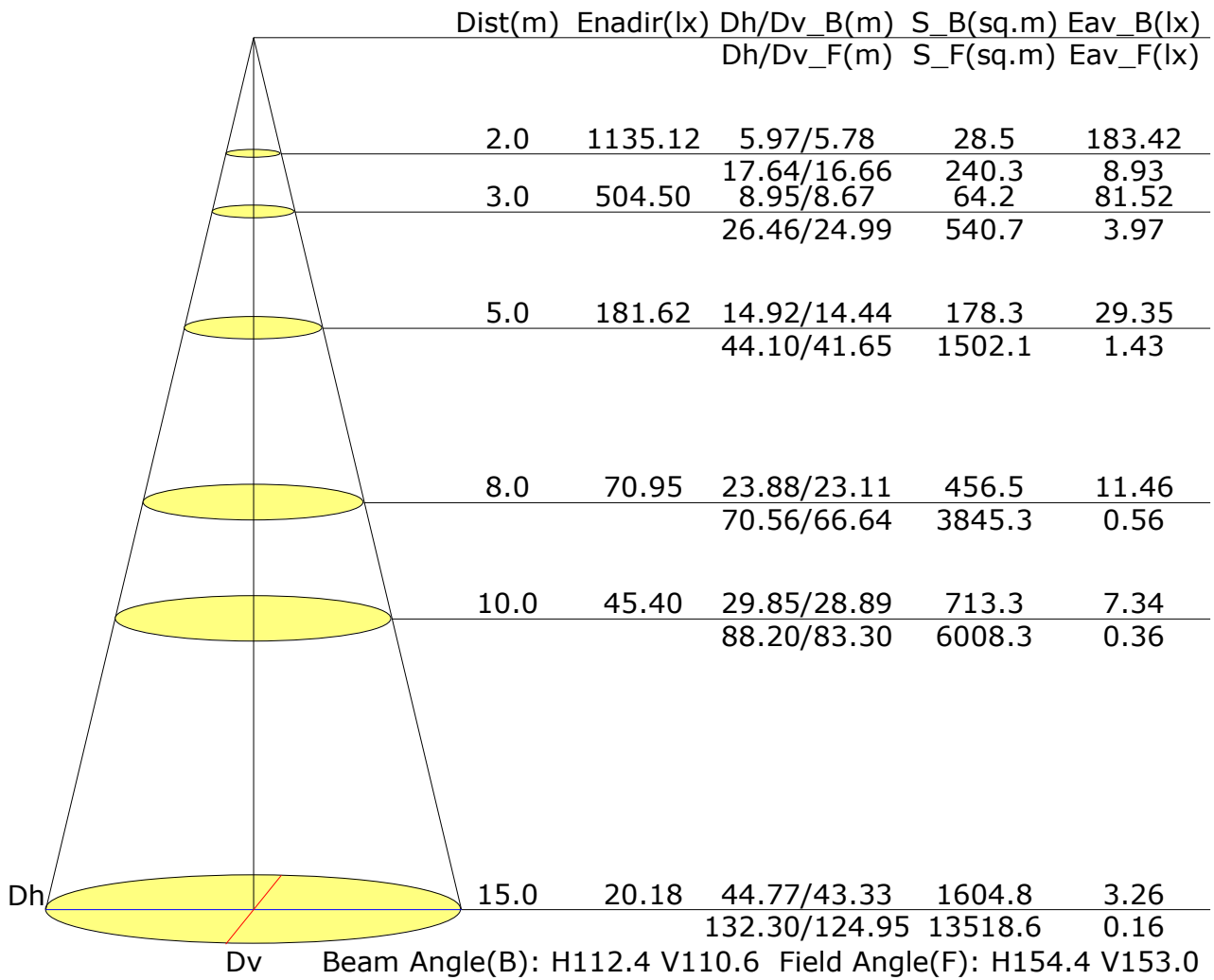
C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 Inspector:

Illuminance at a Distance



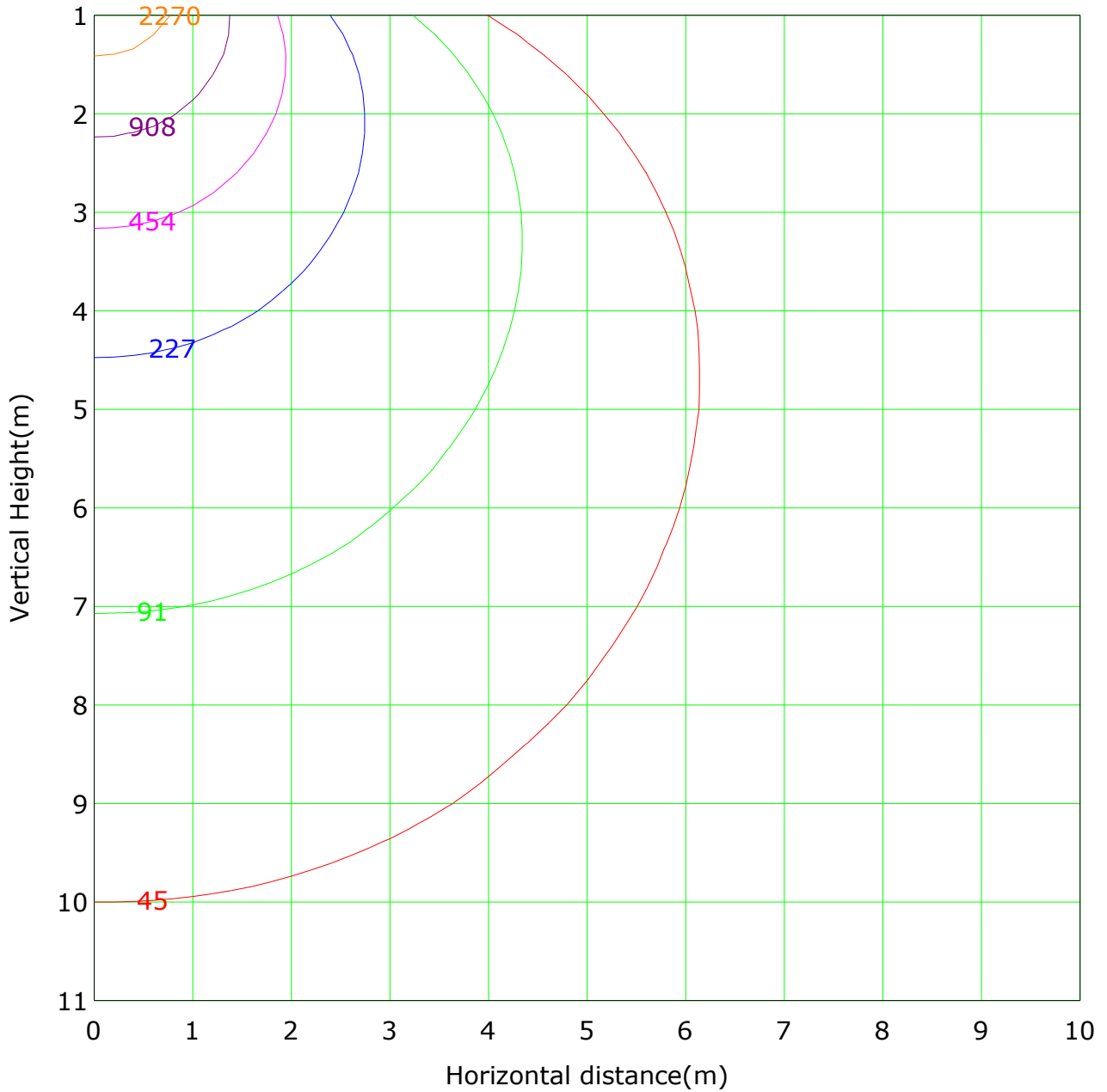
C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 4540.5 lx
 — (1%): 45.4 lx — (2%): 90.8 lx
 — (5%): 227.0 lx — (10%): 454.0 lx
 — (20%): 908.1 lx — (50%): 2270.2 lx
 — (100%): 4540.5 lx

C Plane (°): 0.0-360.0: 30.0

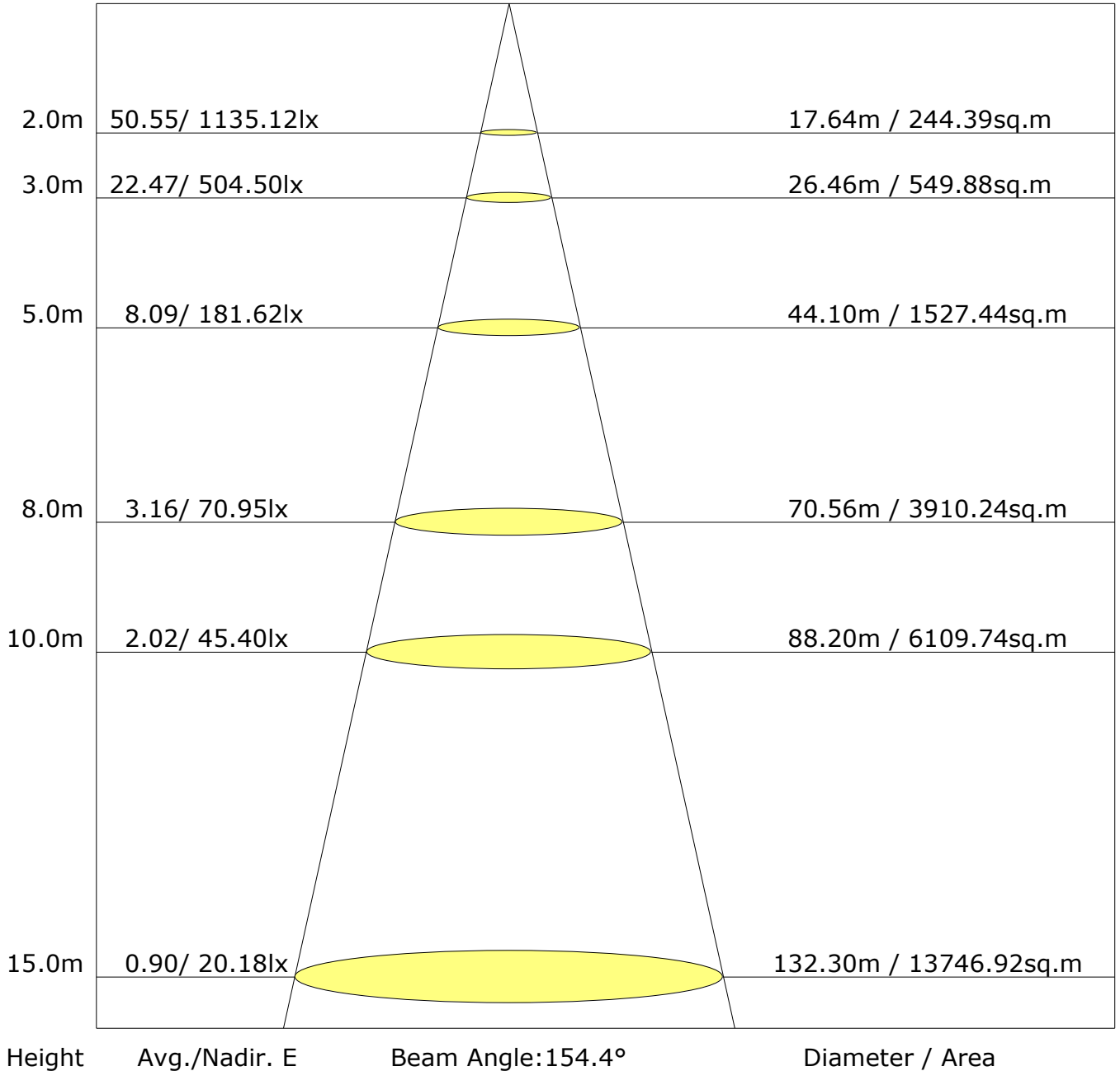
Gamma Plane (°): 0.0-180.0: 1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 Inspector:

The Average Illuminance Effective Figure

Flux Out: 12354.00lm



C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 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	12.9	14.4	13.2	14.8	15.1	12.1	13.7	12.5	14.1	14.4
3H	14.5	15.9	14.9	16.2	16.6	13.5	14.9	13.9	15.2	15.6
4H	15.0	16.3	15.4	16.7	17.1	13.8	15.1	14.2	15.5	15.9
6H	15.2	16.4	15.7	16.8	17.3	13.9	15.1	14.3	15.5	16.0
8H	15.3	16.4	15.7	16.9	17.3	13.9	15.1	14.3	15.5	15.9
12H	15.3	16.4	15.7	16.8	17.3	13.9	15.0	14.3	15.4	15.9
X=4H Y=2H	13.3	14.6	13.7	15.0	15.4	12.7	14.0	13.1	14.4	14.8
3H	15.1	16.2	15.5	16.6	17.0	14.1	15.3	14.6	15.7	16.1
4H	15.6	16.6	16.1	17.1	17.5	14.6	15.5	15.0	16.0	16.5
6H	16.0	16.8	16.5	17.3	17.8	14.7	15.6	15.2	16.0	16.5
8H	16.0	16.8	16.5	17.3	17.8	14.7	15.5	15.2	16.0	16.5
12H	16.1	16.8	16.6	17.3	17.8	14.7	15.4	15.2	15.9	16.4
X=8H Y=4H	15.7	16.5	16.2	17.0	17.5	14.7	15.5	15.2	16.0	16.5
6H	16.1	16.8	16.6	17.3	17.8	14.9	15.5	15.4	16.1	16.6
8H	16.2	16.8	16.7	17.3	17.8	14.9	15.5	15.4	16.0	16.5
12H	16.2	16.8	16.8	17.3	17.9	14.9	15.4	15.4	15.9	16.5
X=12H Y=4H	15.7	16.4	16.2	16.9	17.4	14.7	15.4	15.2	15.9	16.4
6H	16.1	16.7	16.6	17.2	17.8	14.9	15.5	15.4	16.0	16.5
8H	16.2	16.7	16.7	17.2	17.8	14.9	15.4	15.4	15.9	16.5

Calculate in accordance with CIE 190:2010

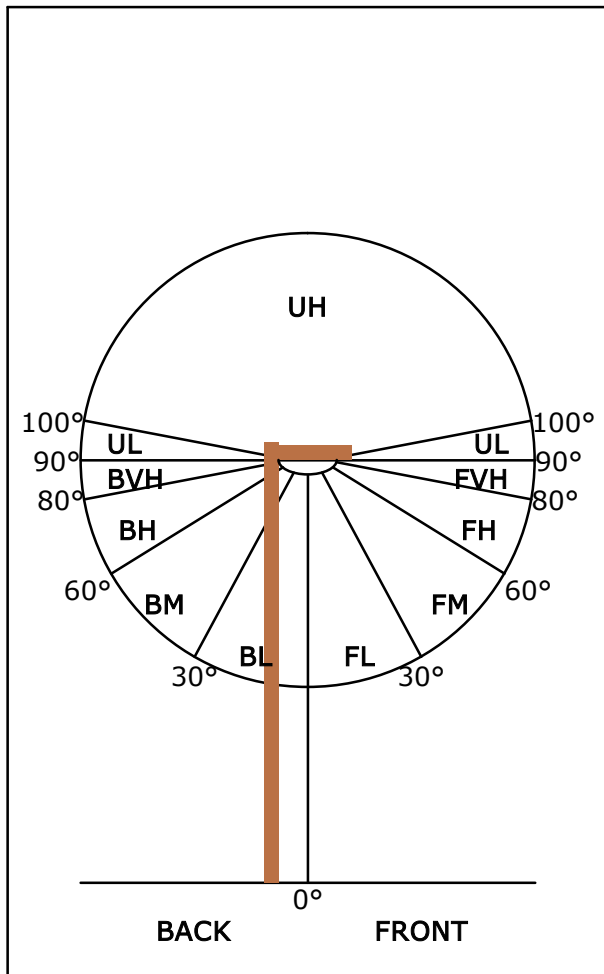
C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	6332	49.9
FL (0°-30°)	1775	14.0
FM (30°-60°)	3430	27.0
FH (60°-80°)	1077	8.5
FVH (80°-90°)	51	0.4
BACK LIGHT	6206	48.9
BL (0°-30°)	1779	14.0
BM (30°-60°)	3382	26.6
BH (60°-80°)	1008	7.9
BVH (80°-90°)	36	0.3
UP LIGHT	158	1.2
UL (90°-100°)	14	0.1
UH (100°-180°)	145	1.1
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U3 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U3 G1

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 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	4512.9	4.3	4.3	0.03	0.03
1.0-2.0	4512.7	13.0	17.3	0.10	0.14
2.0-3.0	4511.8	21.6	38.9	0.17	0.31
3.0-4.0	4508.6	30.2	69.0	0.24	0.54
4.0-5.0	4502.3	38.7	107.8	0.31	0.85
5.0-6.0	4493.6	47.2	155.0	0.37	1.22
6.0-7.0	4484.3	55.7	210.7	0.44	1.66
7.0-8.0	4475.2	64.1	274.7	0.50	2.16
8.0-9.0	4466.0	72.4	347.1	0.57	2.73
9.0-10.0	4456.3	80.7	427.8	0.64	3.37
10.0-11.0	4445.3	88.8	516.6	0.70	4.07
11.0-12.0	4432.4	96.9	613.5	0.76	4.83
12.0-13.0	4416.7	104.8	718.3	0.83	5.66
13.0-14.0	4398.7	112.6	830.9	0.89	6.54
14.0-15.0	4379.3	120.2	951.2	0.95	7.49
15.0-16.0	4359.4	127.8	1078.9	1.01	8.50
16.0-17.0	4339.1	135.1	1214.1	1.06	9.56
17.0-18.0	4318.6	142.4	1356.5	1.12	10.68
18.0-19.0	4296.5	149.5	1506.0	1.18	11.86
19.0-20.0	4272.2	156.4	1662.4	1.23	13.09
20.0-21.0	4246.6	163.1	1825.5	1.28	14.38
21.0-22.0	4218.9	169.6	1995.0	1.34	15.71
22.0-23.0	4188.6	175.8	2170.8	1.38	17.10
23.0-24.0	4156.1	181.7	2352.5	1.43	18.53
24.0-25.0	4121.7	187.4	2540.0	1.48	20.00
25.0-26.0	4085.7	192.9	2732.9	1.52	21.52
26.0-27.0	4047.8	198.1	2930.9	1.56	23.08
27.0-28.0	4008.1	203.0	3133.9	1.60	24.68
28.0-29.0	3967.8	207.6	3341.5	1.64	26.32
29.0-30.0	3926.8	212.0	3553.5	1.67	27.99
30.0-31.0	3885.2	216.2	3769.8	1.70	29.69
31.0-32.0	3843.0	220.2	3990.0	1.73	31.42
32.0-33.0	3798.5	223.8	4213.8	1.76	33.19
33.0-34.0	3751.8	227.1	4440.9	1.79	34.98
34.0-35.0	3703.7	230.0	4670.9	1.81	36.79
35.0-36.0	3654.2	232.7	4903.6	1.83	38.62

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 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	3602.4	235.0	5138.6	1.85	40.47
37.0-38.0	3549.1	236.9	5375.5	1.87	42.34
38.0-39.0	3495.6	238.6	5614.1	1.88	44.22
39.0-40.0	3441.2	240.0	5854.2	1.89	46.11
40.0-41.0	3384.7	241.1	6095.2	1.90	48.01
41.0-42.0	3327.6	241.8	6337.0	1.90	49.91
42.0-43.0	3269.5	242.2	6579.3	1.91	51.82
43.0-44.0	3208.8	242.2	6821.5	1.91	53.73
44.0-45.0	3147.0	241.9	7063.4	1.91	55.63
45.0-46.0	3085.0	241.3	7304.6	1.90	57.53
46.0-47.0	3020.4	240.3	7544.9	1.89	59.42
47.0-48.0	2953.4	238.8	7783.7	1.88	61.30
48.0-49.0	2886.3	237.1	8020.7	1.87	63.17
49.0-50.0	2816.9	234.9	8255.6	1.85	65.02
50.0-51.0	2742.9	232.1	8487.7	1.83	66.85
51.0-52.0	2667.7	228.9	8716.7	1.80	68.65
52.0-53.0	2590.5	225.4	8942.0	1.77	70.43
53.0-54.0	2507.8	221.1	9163.1	1.74	72.17
54.0-55.0	2419.3	216.0	9379.1	1.70	73.87
55.0-56.0	2327.2	210.3	9589.4	1.66	75.53
56.0-57.0	2234.6	204.3	9793.8	1.61	77.14
57.0-58.0	2138.7	197.8	9991.6	1.56	78.69
58.0-59.0	2040.4	190.8	10182.4	1.50	80.20
59.0-60.0	1946.9	184.0	10366.3	1.45	81.64
60.0-61.0	1855.7	177.1	10543.4	1.39	83.04
61.0-62.0	1764.7	170.1	10713.5	1.34	84.38
62.0-63.0	1677.7	163.2	10876.7	1.29	85.66
63.0-64.0	1593.8	156.4	11033.1	1.23	86.90
64.0-65.0	1509.2	149.4	11182.5	1.18	88.07
65.0-66.0	1424.7	142.2	11324.6	1.12	89.19
66.0-67.0	1339.5	134.7	11459.3	1.06	90.25
67.0-68.0	1253.8	127.0	11586.4	1.00	91.25
68.0-69.0	1166.3	119.0	11705.4	0.94	92.19
69.0-70.0	1073.9	110.3	11815.7	0.87	93.06
70.0-71.0	980.9	101.4	11917.1	0.80	93.86
71.0-72.0	887.6	92.3	12009.4	0.73	94.59

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 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	797.1	83.4	12092.7	0.66	95.24
73.0-74.0	712.5	74.9	12167.7	0.59	95.83
74.0-75.0	629.8	66.6	12234.2	0.52	96.36
75.0-76.0	550.4	58.4	12292.6	0.46	96.82
76.0-77.0	476.4	50.8	12343.4	0.40	97.22
77.0-78.0	404.2	43.3	12386.7	0.34	97.56
78.0-79.0	333.1	35.8	12422.5	0.28	97.84
79.0-80.0	268.6	29.0	12451.5	0.23	98.07
80.0-81.0	212.7	23.0	12474.5	0.18	98.25
81.0-82.0	164.0	17.8	12492.3	0.14	98.39
82.0-83.0	123.0	13.4	12505.6	0.11	98.49
83.0-84.0	90.6	9.9	12515.5	0.08	98.57
84.0-85.0	66.0	7.2	12522.7	0.06	98.63
85.0-86.0	48.1	5.3	12528.0	0.04	98.67
86.0-87.0	35.1	3.8	12531.8	0.03	98.70
87.0-88.0	25.6	2.8	12534.6	0.02	98.72
88.0-89.0	19.4	2.1	12536.7	0.02	98.74
89.0-90.0	15.7	1.7	12538.5	0.01	98.75
90.0-91.0	13.5	1.5	12540.0	0.01	98.76
91.0-92.0	12.1	1.3	12541.3	0.01	98.77
92.0-93.0	11.2	1.2	12542.5	0.01	98.78
93.0-94.0	11.0	1.2	12543.7	0.01	98.79
94.0-95.0	11.6	1.3	12545.0	0.01	98.80
95.0-96.0	12.2	1.3	12546.3	0.01	98.81
96.0-97.0	12.7	1.4	12547.7	0.01	98.82
97.0-98.0	13.2	1.4	12549.1	0.01	98.84
98.0-99.0	13.7	1.5	12550.6	0.01	98.85
99.0-100.0	14.2	1.5	12552.2	0.01	98.86
100.0-101.0	14.7	1.6	12553.7	0.01	98.87
101.0-102.0	15.3	1.6	12555.4	0.01	98.89
102.0-103.0	15.8	1.7	12557.1	0.01	98.90
103.0-104.0	16.3	1.7	12558.8	0.01	98.91
104.0-105.0	16.9	1.8	12560.6	0.01	98.93
105.0-106.0	17.4	1.8	12562.4	0.01	98.94
106.0-107.0	17.9	1.9	12564.3	0.01	98.96
107.0-108.0	18.5	1.9	12566.3	0.02	98.97

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 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	18.9	2.0	12568.2	0.02	98.99
109.0-110.0	19.4	2.0	12570.2	0.02	99.00
110.0-111.0	20.0	2.0	12572.3	0.02	99.02
111.0-112.0	20.4	2.1	12574.4	0.02	99.04
112.0-113.0	20.8	2.1	12576.5	0.02	99.05
113.0-114.0	21.4	2.1	12578.6	0.02	99.07
114.0-115.0	21.9	2.2	12580.8	0.02	99.09
115.0-116.0	22.4	2.2	12583.0	0.02	99.10
116.0-117.0	22.9	2.3	12585.3	0.02	99.12
117.0-118.0	23.4	2.3	12587.6	0.02	99.14
118.0-119.0	23.9	2.3	12589.9	0.02	99.16
119.0-120.0	24.4	2.3	12592.2	0.02	99.18
120.0-121.0	24.9	2.4	12594.6	0.02	99.19
121.0-122.0	25.4	2.4	12596.9	0.02	99.21
122.0-123.0	25.8	2.4	12599.3	0.02	99.23
123.0-124.0	26.3	2.4	12601.7	0.02	99.25
124.0-125.0	26.8	2.4	12604.1	0.02	99.27
125.0-126.0	27.3	2.4	12606.6	0.02	99.29
126.0-127.0	27.8	2.5	12609.0	0.02	99.31
127.0-128.0	28.3	2.5	12611.5	0.02	99.33
128.0-129.0	28.7	2.5	12614.0	0.02	99.35
129.0-130.0	29.3	2.5	12616.4	0.02	99.37
130.0-131.0	29.8	2.5	12618.9	0.02	99.39
131.0-132.0	30.3	2.5	12621.4	0.02	99.41
132.0-133.0	30.8	2.5	12623.9	0.02	99.43
133.0-134.0	31.2	2.5	12626.4	0.02	99.44
134.0-135.0	31.7	2.5	12628.9	0.02	99.46
135.0-136.0	32.1	2.5	12631.3	0.02	99.48
136.0-137.0	32.6	2.5	12633.8	0.02	99.50
137.0-138.0	33.0	2.4	12636.2	0.02	99.52
138.0-139.0	33.4	2.4	12638.7	0.02	99.54
139.0-140.0	33.7	2.4	12641.1	0.02	99.56
140.0-141.0	34.1	2.4	12643.4	0.02	99.58
141.0-142.0	34.4	2.4	12645.8	0.02	99.60
142.0-143.0	34.8	2.3	12648.1	0.02	99.62
143.0-144.0	35.2	2.3	12650.4	0.02	99.63

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
Temperature: 35
Operator:

Distance: 8.692 m
Humidity: 45-75
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	35.5	2.3	12652.7	0.02	99.65
145.0-146.0	35.8	2.2	12654.9	0.02	99.67
146.0-147.0	36.1	2.2	12657.1	0.02	99.69
147.0-148.0	36.4	2.1	12659.2	0.02	99.70
148.0-149.0	36.7	2.1	12661.3	0.02	99.72
149.0-150.0	37.0	2.1	12663.4	0.02	99.74
150.0-151.0	37.3	2.0	12665.4	0.02	99.75
151.0-152.0	37.6	2.0	12667.4	0.02	99.77
152.0-153.0	37.9	1.9	12669.3	0.02	99.78
153.0-154.0	38.3	1.9	12671.2	0.01	99.80
154.0-155.0	38.6	1.8	12673.0	0.01	99.81
155.0-156.0	38.8	1.8	12674.8	0.01	99.83
156.0-157.0	39.1	1.7	12676.5	0.01	99.84
157.0-158.0	39.4	1.7	12678.1	0.01	99.85
158.0-159.0	39.6	1.6	12679.7	0.01	99.86
159.0-160.0	39.9	1.5	12681.2	0.01	99.88
160.0-161.0	40.1	1.5	12682.7	0.01	99.89
161.0-162.0	40.3	1.4	12684.1	0.01	99.90
162.0-163.0	40.6	1.3	12685.5	0.01	99.91
163.0-164.0	40.8	1.3	12686.7	0.01	99.92
164.0-165.0	41.0	1.2	12687.9	0.01	99.93
165.0-166.0	41.2	1.1	12689.1	0.01	99.94
166.0-167.0	41.3	1.1	12690.1	0.01	99.95
167.0-168.0	41.5	1.0	12691.1	0.01	99.95
168.0-169.0	41.7	0.9	12692.0	0.01	99.96
169.0-170.0	41.8	0.8	12692.8	0.01	99.97
170.0-171.0	42.0	0.8	12693.6	0.01	99.97
171.0-172.0	42.1	0.7	12694.3	0.01	99.98
172.0-173.0	42.2	0.6	12694.9	0.00	99.98
173.0-174.0	42.3	0.5	12695.4	0.00	99.99
174.0-175.0	42.5	0.4	12695.9	0.00	99.99
175.0-176.0	42.6	0.4	12696.2	0.00	99.99
176.0-177.0	42.7	0.3	12696.5	0.00	100.00
177.0-178.0	42.7	0.2	12696.7	0.00	100.00
178.0-179.0	42.8	0.1	12696.8	0.00	100.00
179.0-180.0	42.9	0.0	12696.9	0.00	100.00

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 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	4540.5	4524.2	4514.0	4506.6	4499.7	4493.0	4540.5	4524.2	4514.0	4506.6
G1.0	4542.2	4522.7	4510.4	4501.8	4494.5	4488.4	4538.6	4524.8	4516.9	4510.9
G2.0	4543.6	4521.9	4509.3	4500.4	4492.0	4484.4	4535.4	4524.7	4518.6	4513.2
G3.0	4544.0	4520.1	4509.7	4502.4	4492.5	4480.2	4530.6	4522.8	4514.4	4506.9
G4.0	4542.1	4518.5	4510.7	4499.5	4490.0	4476.4	4523.2	4517.7	4501.5	4494.9
G5.0	4538.6	4515.5	4506.6	4486.0	4478.4	4471.0	4514.9	4508.9	4489.3	4484.6
G6.0	4535.0	4513.4	4494.1	4471.1	4462.4	4463.0	4505.4	4495.7	4477.7	4478.0
G7.0	4530.6	4510.4	4479.2	4459.4	4447.2	4451.4	4495.3	4481.4	4470.3	4474.9
G8.0	4525.8	4506.1	4467.5	4449.7	4433.8	4435.9	4483.4	4467.6	4464.3	4471.7
G9.0	4518.6	4498.1	4456.5	4443.3	4422.7	4418.2	4469.6	4452.4	4458.4	4468.6
G10.0	4508.5	4486.0	4447.8	4437.9	4414.0	4399.5	4454.3	4436.2	4450.8	4465.0
G11.0	4496.5	4469.8	4442.0	4424.0	4405.3	4379.8	4437.3	4419.6	4444.5	4456.0
G12.0	4483.7	4452.6	4434.6	4406.0	4389.9	4360.2	4419.2	4402.7	4434.3	4439.0
G13.0	4470.5	4434.4	4419.0	4385.6	4370.2	4341.0	4400.0	4386.5	4419.7	4414.5
G14.0	4455.3	4416.6	4400.5	4369.3	4348.9	4321.3	4377.9	4368.0	4397.5	4389.0
G15.0	4438.2	4398.1	4379.9	4355.2	4327.1	4301.2	4355.8	4349.3	4370.3	4371.4
G16.0	4419.3	4379.5	4359.8	4337.1	4308.7	4281.8	4331.5	4328.9	4342.7	4354.4
G17.0	4399.6	4358.9	4342.1	4319.5	4289.9	4261.0	4306.8	4308.9	4318.5	4330.1
G18.0	4379.6	4339.0	4324.7	4306.8	4266.8	4237.4	4279.5	4287.5	4296.9	4303.5
G19.0	4357.4	4319.0	4303.9	4284.2	4246.2	4210.0	4251.4	4263.9	4271.4	4274.9
G20.0	4334.8	4299.4	4282.8	4257.4	4228.5	4181.8	4223.0	4238.6	4240.4	4243.1
G21.0	4309.1	4277.6	4264.7	4235.5	4201.9	4150.5	4192.7	4212.0	4209.5	4213.7
G22.0	4279.4	4252.5	4242.1	4205.3	4171.8	4119.5	4157.3	4182.1	4175.3	4191.3
G23.0	4245.8	4225.0	4211.8	4167.8	4143.6	4085.6	4118.9	4150.5	4139.9	4176.1
G24.0	4210.0	4191.9	4185.6	4130.8	4113.4	4052.3	4077.2	4114.2	4104.6	4148.2
G25.0	4171.7	4154.6	4156.6	4097.3	4072.5	4018.7	4035.0	4071.2	4074.3	4110.2
G26.0	4133.0	4113.1	4118.3	4065.8	4033.4	3983.6	3993.7	4024.9	4051.1	4066.0
G27.0	4097.2	4070.2	4077.1	4031.5	3992.4	3941.5	3953.5	3976.8	4021.2	4024.3
G28.0	4061.2	4028.8	4037.7	3993.2	3954.3	3898.8	3911.4	3931.4	3981.3	3987.1
G29.0	4025.0	3989.5	4003.0	3954.4	3916.9	3857.1	3866.1	3887.2	3934.6	3951.2
G30.0	3987.1	3951.5	3966.0	3914.9	3876.3	3816.3	3818.1	3844.5	3882.0	3914.6
G31.0	3949.9	3916.3	3927.4	3878.5	3835.1	3775.4	3764.2	3797.9	3835.8	3877.4
G32.0	3904.6	3877.8	3885.2	3840.0	3790.5	3731.1	3714.2	3750.8	3793.3	3835.7
G33.0	3857.3	3838.3	3841.8	3797.1	3746.0	3684.7	3662.0	3695.6	3750.8	3787.3
G34.0	3806.8	3794.5	3795.8	3743.5	3701.3	3635.6	3612.1	3640.0	3708.9	3734.9
G35.0	3760.0	3751.8	3753.0	3692.3	3657.7	3581.9	3559.1	3583.8	3661.5	3686.0
G36.0	3712.1	3703.3	3707.8	3643.0	3607.8	3527.4	3506.4	3527.6	3612.2	3637.2

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 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	3664.3	3654.2	3663.2	3598.1	3554.1	3470.5	3445.3	3468.1	3557.2	3582.9
G38.0	3612.1	3602.9	3607.2	3559.7	3496.3	3411.3	3382.8	3409.1	3501.4	3531.8
G39.0	3563.8	3552.1	3546.9	3518.2	3442.6	3355.2	3324.1	3353.0	3441.4	3475.5
G40.0	3506.6	3498.2	3485.1	3468.9	3392.6	3294.2	3263.7	3299.3	3380.5	3418.9
G41.0	3450.6	3445.2	3423.7	3414.4	3346.7	3235.6	3200.3	3239.4	3316.3	3361.4
G42.0	3391.3	3387.6	3370.3	3374.3	3296.7	3173.1	3137.6	3182.2	3253.3	3303.4
G43.0	3337.1	3322.9	3321.7	3339.9	3243.7	3108.4	3069.2	3119.2	3190.3	3233.1
G44.0	3280.0	3256.5	3270.0	3290.1	3179.1	3043.2	3005.3	3050.5	3124.7	3168.0
G45.0	3220.5	3194.6	3214.3	3248.7	3128.5	2978.8	2935.2	2974.4	3059.8	3107.8
G46.0	3157.8	3135.2	3153.0	3187.0	3082.7	2916.6	2867.9	2901.2	2994.1	3047.5
G47.0	3090.9	3078.5	3098.0	3111.6	3029.6	2849.7	2794.9	2828.5	2919.0	2981.6
G48.0	3024.4	3014.3	3052.8	3027.0	2978.0	2775.2	2724.9	2757.1	2840.6	2913.0
G49.0	2963.0	2948.3	3000.9	2954.4	2907.6	2710.0	2651.6	2687.9	2771.3	2845.2
G50.0	2895.7	2877.2	2947.6	2861.8	2827.0	2634.7	2574.5	2616.4	2701.1	2770.6
G51.0	2832.7	2802.2	2882.1	2769.7	2742.8	2560.1	2495.2	2538.4	2623.5	2695.2
G52.0	2758.2	2732.0	2811.6	2692.1	2661.0	2487.8	2418.3	2464.1	2546.7	2622.3
G53.0	2684.8	2666.0	2716.2	2614.8	2564.6	2408.6	2341.2	2384.0	2467.1	2539.9
G54.0	2610.8	2594.9	2635.9	2517.2	2472.5	2332.1	2258.9	2300.7	2385.6	2402.9
G55.0	2544.0	2519.5	2544.7	2375.2	2393.6	2257.4	2172.1	2213.2	2303.3	2246.6
G56.0	2469.0	2438.2	2448.9	2192.5	2298.6	2178.2	2095.2	2134.4	2219.2	2143.9
G57.0	2390.6	2361.9	2364.6	2053.0	2193.6	2097.5	2008.3	2046.7	2123.8	2045.4
G58.0	2308.7	2282.5	2284.0	1977.3	2025.5	2018.7	1919.7	1957.1	1965.7	1951.4
G59.0	2234.1	2208.7	2197.2	1907.0	1858.1	1953.7	1835.9	1867.6	1827.0	1871.1
G60.0	2155.1	2122.5	2083.2	1831.6	1746.0	1871.2	1745.3	1781.9	1732.0	1805.8
G61.0	2074.7	2047.1	1905.4	1757.1	1672.9	1800.4	1657.1	1690.4	1625.5	1733.2
G62.0	1989.7	1968.8	1758.7	1684.6	1595.4	1710.8	1566.1	1603.9	1537.0	1654.2
G63.0	1906.0	1884.2	1675.3	1610.4	1513.0	1611.3	1474.2	1511.3	1462.9	1580.6
G64.0	1822.2	1797.8	1594.5	1523.3	1437.8	1522.9	1382.2	1423.2	1386.5	1500.9
G65.0	1738.7	1717.7	1518.6	1441.6	1356.7	1416.6	1290.2	1325.9	1310.3	1414.6
G66.0	1647.9	1637.4	1445.6	1359.7	1269.8	1329.6	1198.3	1232.0	1229.8	1335.0
G67.0	1561.4	1566.8	1367.9	1285.4	1184.2	1218.1	1105.0	1138.6	1141.6	1252.1
G68.0	1473.2	1478.0	1283.4	1223.8	1105.2	1120.1	1014.2	1053.3	1056.4	1169.9
G69.0	1382.3	1389.8	1192.1	1152.7	1031.1	991.3	921.0	954.8	976.0	1083.4
G70.0	1293.1	1286.0	1111.2	1070.6	962.9	855.3	831.4	834.9	894.9	969.8
G71.0	1207.1	1186.7	1036.9	981.7	889.3	775.6	742.7	722.6	809.2	861.6
G72.0	1114.5	1089.1	960.1	843.0	801.8	701.8	658.1	637.3	704.4	768.1
G73.0	1023.5	997.5	894.1	760.7	682.3	628.8	579.7	563.9	612.4	678.9

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 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	936.1	899.3	814.2	692.4	602.4	555.5	496.9	494.4	526.5	612.4
G75.0	846.8	768.5	717.2	624.1	525.3	483.5	424.3	425.6	456.5	532.9
G76.0	759.6	664.0	614.8	554.5	475.3	420.8	354.4	360.7	395.1	435.6
G77.0	676.9	594.4	533.7	466.4	407.1	363.0	292.4	300.5	319.5	362.6
G78.0	595.1	523.2	473.6	368.5	325.2	302.1	231.3	245.2	252.5	268.5
G79.0	518.3	454.5	412.6	286.3	247.2	236.8	177.9	189.1	184.6	192.4
G80.0	443.8	390.3	337.4	230.1	194.6	188.2	135.9	139.7	125.6	132.6
G81.0	373.9	329.4	258.5	170.6	149.4	151.7	100.7	107.8	89.5	93.0
G82.0	309.3	275.1	205.5	123.5	97.2	112.1	71.0	74.2	55.9	60.7
G83.0	248.0	221.2	153.4	84.9	66.9	75.4	50.2	51.5	36.2	33.7
G84.0	195.4	167.3	109.8	61.8	41.6	52.2	35.9	35.1	29.0	23.9
G85.0	149.9	130.1	78.0	32.1	30.8	35.8	27.5	26.7	23.9	19.8
G86.0	111.6	94.7	50.7	23.1	24.7	28.3	19.8	21.5	20.1	16.7
G87.0	80.6	64.9	32.3	17.4	20.8	22.9	11.1	14.2	16.5	13.6
G88.0	56.1	45.7	24.1	15.0	17.0	17.0	10.7	9.9	12.3	10.4
G89.0	38.3	33.2	20.4	11.9	13.2	11.3	11.7	10.3	8.9	8.0
G90.0	30.6	25.9	17.3	9.9	10.0	11.1	12.8	11.5	9.0	7.3
G91.0	25.0	20.9	14.0	8.5	10.3	11.6	13.5	11.2	9.4	7.6
G92.0	19.3	15.6	10.1	8.9	10.7	12.8	14.2	12.7	10.1	8.0
G93.0	10.8	10.5	10.1	9.3	11.1	12.7	14.0	12.6	10.9	8.5
G94.0	10.9	10.7	10.5	10.0	11.6	14.0	14.6	13.5	11.6	8.9
G95.0	11.3	11.3	10.9	10.5	12.6	13.6	16.1	14.3	12.3	9.4
G96.0	11.9	11.7	11.5	11.1	13.2	15.9	15.9	14.2	12.7	10.0
G97.0	12.3	12.3	12.0	11.6	13.9	15.8	16.7	15.9	12.6	10.4
G98.0	12.7	12.8	12.6	12.0	14.2	17.0	16.7	15.3	13.1	11.1
G99.0	13.1	13.1	13.1	12.8	15.1	17.7	17.7	15.8	13.8	11.6
G100.0	13.9	13.8	13.5	13.4	15.0	17.5	18.1	16.5	14.7	12.1
G101.0	14.4	14.2	14.2	13.9	16.3	17.7	18.4	16.5	15.5	12.6
G102.0	15.0	14.7	14.6	14.4	16.9	17.5	18.9	17.7	15.4	13.1
G103.0	15.5	15.1	15.1	15.0	17.4	18.4	19.3	18.2	16.2	13.5
G104.0	16.1	15.8	15.6	15.5	18.1	19.4	19.6	18.8	16.6	14.0
G105.0	16.9	16.3	16.2	16.1	18.6	20.2	19.7	19.2	17.4	14.6
G106.0	17.1	17.0	16.6	16.6	19.7	20.9	20.1	19.4	18.0	15.0
G107.0	17.7	17.4	17.1	17.3	19.8	21.3	21.0	20.1	18.6	15.6
G108.0	18.4	18.1	17.7	18.0	20.8	21.6	21.3	20.5	18.9	16.1
G109.0	18.9	18.5	18.2	18.4	21.3	22.1	21.5	20.9	19.4	16.6
G110.0	19.3	19.2	18.6	19.0	21.9	22.7	22.0	21.3	20.0	17.0

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G111.0	19.8	20.0	19.3	19.6	22.0	22.9	22.4	21.5	20.9	17.7
G112.0	20.1	20.2	20.0	20.0	22.1	23.2	22.8	21.9	21.0	18.1
G113.0	20.6	20.8	20.6	20.6	23.1	23.8	22.9	22.1	21.5	18.5
G114.0	21.2	21.2	21.3	21.0	23.8	23.9	23.5	22.9	22.4	19.0
G115.0	21.6	21.6	22.1	21.6	24.1	24.8	23.9	23.2	23.2	19.6
G116.0	22.0	22.0	22.7	22.1	24.8	25.2	24.4	23.8	23.6	20.0
G117.0	22.3	22.5	23.3	22.7	25.2	25.9	25.0	24.6	23.9	20.5
G118.0	22.9	23.1	24.1	23.1	25.5	26.6	25.1	25.0	24.4	20.8
G119.0	23.2	23.5	24.6	23.6	25.8	26.9	26.0	25.6	25.1	21.5
G120.0	23.8	23.9	25.0	24.0	26.5	27.5	26.6	26.3	25.5	21.9
G121.0	24.3	24.4	25.6	24.4	27.1	28.5	27.0	26.9	25.6	22.3
G122.0	24.7	24.8	26.2	25.0	27.5	28.6	27.5	27.1	25.6	22.7
G123.0	25.1	25.2	26.7	25.5	27.5	29.1	28.3	27.9	26.0	23.1
G124.0	25.5	25.8	27.1	25.9	27.7	30.0	29.0	28.5	26.6	23.5
G125.0	25.9	26.6	27.7	26.5	28.2	30.6	29.3	29.1	26.9	24.0
G126.0	26.5	27.3	28.1	26.9	28.5	31.2	30.0	29.8	27.0	24.4
G127.0	26.7	27.8	28.5	27.4	28.9	31.7	30.8	30.1	27.1	24.8
G128.0	27.5	28.6	29.0	27.7	29.3	32.3	31.3	30.5	27.3	25.1
G129.0	28.3	29.3	29.5	28.2	29.7	32.5	31.7	31.0	27.8	25.6
G130.0	29.0	30.0	29.8	28.6	30.1	33.1	32.3	31.7	28.3	26.2
G131.0	29.8	30.8	30.2	29.1	30.4	33.6	32.8	32.4	28.7	26.6
G132.0	30.4	31.2	30.5	29.7	30.9	34.1	33.5	32.8	29.1	27.1
G133.0	30.9	31.9	31.0	30.1	31.3	34.7	33.9	33.1	29.4	27.5
G134.0	31.6	32.4	31.4	30.5	31.7	34.7	34.5	33.3	29.7	28.1
G135.0	32.3	32.9	32.0	31.0	32.0	34.8	35.1	33.6	30.2	28.5
G136.0	32.9	33.6	32.3	31.4	32.4	35.2	35.3	34.1	30.6	29.0
G137.0	33.6	34.1	32.4	32.0	32.7	35.6	35.9	34.4	31.2	29.4
G138.0	33.9	34.7	32.7	32.4	33.1	36.0	36.0	35.0	31.6	29.8
G139.0	34.5	35.2	33.1	32.8	33.5	36.6	36.4	35.2	31.9	30.4
G140.0	35.3	35.2	33.3	33.2	33.7	36.6	37.0	35.3	32.3	30.9
G141.0	36.0	35.3	33.6	33.6	34.1	36.6	37.2	35.5	32.7	31.3
G142.0	36.4	35.9	34.0	33.9	34.5	36.7	37.7	35.6	33.1	31.7
G143.0	36.7	36.4	34.4	34.4	34.8	37.1	37.8	36.0	33.5	32.3
G144.0	36.8	36.8	34.8	34.8	35.2	37.4	37.8	36.3	33.7	32.7
G145.0	37.1	37.0	35.2	35.1	35.6	37.5	37.9	36.6	34.1	33.1
G146.0	37.7	37.2	35.6	35.5	35.9	37.8	38.0	37.0	34.4	33.5
G147.0	38.2	37.5	36.0	35.9	36.3	37.9	38.5	37.1	34.8	33.9

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C30.0	C60.0	C90.0	C120.0	C150.0	C180.0	C210.0	C240.0	C270.0
G148.0	38.5	37.8	36.3	36.3	36.6	38.2	38.6	37.1	35.1	34.3
G149.0	38.6	38.2	36.7	36.6	37.0	38.3	38.9	37.4	35.5	34.7
G150.0	38.7	38.3	37.0	37.0	37.2	38.6	39.0	37.7	35.9	35.2
G151.0	38.9	38.6	37.5	37.4	37.5	38.9	39.1	37.9	36.2	35.5
G152.0	39.3	38.9	37.8	37.8	37.8	39.3	39.3	38.3	36.4	35.9
G153.0	39.8	39.1	38.0	38.0	38.0	39.5	39.5	38.6	36.8	36.2
G154.0	40.2	39.3	38.6	38.5	38.5	39.7	39.8	38.7	37.1	36.7
G155.0	40.3	39.5	38.9	38.9	38.6	39.9	39.9	39.0	37.5	37.1
G156.0	40.2	39.8	39.0	39.1	38.9	40.2	40.1	39.4	37.8	37.5
G157.0	40.2	40.1	39.3	39.5	39.1	40.5	40.3	39.7	38.0	37.9
G158.0	40.3	40.3	39.7	39.7	39.4	40.6	40.6	39.9	38.3	38.3
G159.0	40.6	40.6	39.8	40.1	39.8	40.8	40.8	40.1	38.7	38.6
G160.0	40.8	40.6	40.2	40.3	40.1	41.0	40.9	40.3	39.0	39.0
G161.0	40.9	41.0	40.3	40.6	40.2	41.0	41.0	40.5	39.3	39.4
G162.0	41.0	41.0	40.6	40.9	40.5	41.2	41.2	40.8	39.5	39.7
G163.0	41.2	41.3	40.8	41.2	40.8	41.3	41.3	40.9	39.8	40.1
G164.0	41.3	41.3	40.9	41.3	41.0	41.3	41.6	41.0	40.2	40.5
G165.0	41.6	41.4	41.0	41.6	41.3	41.4	41.7	41.2	40.3	40.8
G166.0	41.7	41.7	41.3	41.7	41.4	41.4	41.7	41.3	40.9	41.0
G167.0	41.8	41.7	41.6	41.8	41.4	41.6	41.8	41.4	41.0	41.2
G168.0	42.1	41.7	41.6	42.0	41.8	41.6	42.0	41.6	41.2	41.4
G169.0	42.1	41.8	41.7	42.1	42.0	41.7	42.1	41.7	41.4	41.6
G170.0	42.2	41.8	42.0	42.2	42.1	41.8	42.2	41.8	41.8	41.8
G171.0	42.2	42.0	42.1	42.4	42.2	42.0	42.5	42.0	42.0	41.8
G172.0	42.4	42.1	42.2	42.5	42.4	42.1	42.5	42.1	42.1	42.1
G173.0	42.5	42.1	42.4	42.5	42.5	42.1	42.6	42.2	42.2	42.2
G174.0	42.8	42.2	42.5	42.6	42.5	42.2	42.9	42.4	42.4	42.5
G175.0	42.8	42.4	42.5	42.8	42.5	42.2	42.9	42.5	42.6	42.5
G176.0	42.9	42.4	42.6	42.8	42.8	42.4	43.2	42.6	42.6	42.5
G177.0	43.0	42.5	42.8	42.8	42.8	42.5	43.2	42.6	42.8	42.6
G178.0	43.2	42.6	42.8	42.8	42.8	42.4	43.5	42.8	42.9	42.6
G179.0	43.3	42.8	42.8	42.8	42.8	42.5	43.5	42.9	42.9	42.9
G180.0	43.2	42.8	42.9	42.8	42.8	42.5	43.5	42.8	42.9	42.8

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G0.0	4499.7	4493.0	4540.5							
G1.0	4504.7	4496.9	4542.2							
G2.0	4508.0	4500.3	4543.6							
G3.0	4506.4	4502.0	4544.0							
G4.0	4497.2	4502.3	4542.1							
G5.0	4487.9	4498.8	4538.6							
G6.0	4478.5	4491.9	4535.0							
G7.0	4472.9	4483.0	4530.6							
G8.0	4469.8	4473.0	4525.8							
G9.0	4467.4	4462.8	4518.6							
G10.0	4462.2	4451.6	4508.5							
G11.0	4459.0	4440.1	4496.5							
G12.0	4451.8	4428.8	4483.7							
G13.0	4438.6	4418.2	4470.5							
G14.0	4419.3	4406.9	4455.3							
G15.0	4393.4	4393.7	4438.2							
G16.0	4369.1	4378.7	4419.3							
G17.0	4349.5	4362.4	4399.6							
G18.0	4331.5	4346.9	4379.6							
G19.0	4305.7	4328.6	4357.4							
G20.0	4278.7	4308.1	4334.8							
G21.0	4251.6	4283.0	4309.1							
G22.0	4218.5	4256.3	4279.4							
G23.0	4184.0	4225.4	4245.8							
G24.0	4154.0	4190.9	4210.0							
G25.0	4131.9	4154.1	4171.7							
G26.0	4110.7	4114.6	4133.0							
G27.0	4078.3	4073.9	4097.2							
G28.0	4037.7	4033.8	4061.2							
G29.0	3993.7	3991.9	4025.0							
G30.0	3950.4	3950.3	3987.1							
G31.0	3908.7	3907.1	3949.9							
G32.0	3869.4	3864.8	3904.6							
G33.0	3826.5	3820.3	3857.3							
G34.0	3787.1	3774.6	3806.8							
G35.0	3746.0	3720.3	3760.0							
G36.0	3694.9	3666.9	3712.1							

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G37.0	3639.4	3614.1	3664.3							
G38.0	3585.0	3566.6	3612.1							
G39.0	3533.3	3521.0	3563.8							
G40.0	3480.1	3472.8	3506.6							
G41.0	3422.6	3415.1	3450.6							
G42.0	3363.0	3358.0	3391.3							
G43.0	3296.1	3296.9	3337.1							
G44.0	3232.2	3232.1	3280.0							
G45.0	3166.5	3166.1	3220.5							
G46.0	3099.1	3103.2	3157.8							
G47.0	3027.1	3034.8	3090.9							
G48.0	2957.0	2972.1	3024.4							
G49.0	2886.9	2907.8	2963.0							
G50.0	2820.1	2842.8	2895.7							
G51.0	2753.9	2765.5	2832.7							
G52.0	2683.8	2686.4	2758.2							
G53.0	2607.2	2612.3	2684.8							
G54.0	2526.8	2543.0	2610.8							
G55.0	2443.9	2469.1	2544.0							
G56.0	2361.2	2389.5	2469.0							
G57.0	2275.6	2301.4	2390.6							
G58.0	2153.5	2223.1	2308.7							
G59.0	2002.0	2140.7	2234.1							
G60.0	1888.9	2058.9	2155.1							
G61.0	1785.4	1965.4	2074.7							
G62.0	1689.1	1879.4	1989.7							
G63.0	1605.9	1791.7	1906.0							
G64.0	1532.3	1699.7	1822.2							
G65.0	1453.0	1613.6	1738.7							
G66.0	1377.8	1531.6	1647.9							
G67.0	1298.3	1434.0	1561.4							
G68.0	1212.7	1347.1	1473.2							
G69.0	1124.9	1254.3	1382.3							
G70.0	1046.3	1163.2	1293.1							
G71.0	962.7	1046.6	1207.1							
G72.0	876.8	923.8	1114.5							
G73.0	796.7	833.9	1023.5							

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G74.0	677.5	740.7	936.1							
G75.0	591.2	671.2	846.8							
G76.0	512.1	595.6	759.6							
G77.0	451.9	521.8	676.9							
G78.0	373.4	451.9	595.1							
G79.0	296.1	387.3	518.3							
G80.0	222.6	322.4	443.8							
G81.0	157.3	260.2	373.9							
G82.0	111.2	198.8	309.3							
G83.0	78.9	157.1	248.0							
G84.0	53.4	111.9	195.4							
G85.0	31.9	79.1	149.9							
G86.0	25.6	52.5	111.6							
G87.0	21.5	37.2	80.6							
G88.0	17.7	26.0	56.1							
G89.0	14.3	22.4	38.3							
G90.0	10.8	17.5	30.6							
G91.0	8.2	10.8	25.0							
G92.0	8.6	9.2	19.3							
G93.0	9.0	9.6	10.8							
G94.0	9.4	10.0	10.9							
G95.0	9.9	10.3	11.3							
G96.0	10.4	10.8	11.9							
G97.0	10.9	11.2	12.3							
G98.0	11.5	11.6	12.7							
G99.0	11.9	12.3	13.1							
G100.0	12.3	12.9	13.9							
G101.0	12.9	13.8	14.4							
G102.0	13.8	14.0	15.0							
G103.0	14.0	14.6	15.5							
G104.0	14.4	15.3	16.1							
G105.0	14.8	15.9	16.9							
G106.0	15.3	16.3	17.1							
G107.0	16.1	16.3	17.7							
G108.0	16.5	16.9	18.4							
G109.0	17.0	17.3	18.9							
G110.0	17.7	17.8	19.3							

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G111.0	18.2	18.1	19.8							
G112.0	19.2	18.5	20.1							
G113.0	19.4	18.9	20.6							
G114.0	20.1	19.6	21.2							
G115.0	20.6	20.1	21.6							
G116.0	21.2	20.4	22.0							
G117.0	21.7	20.8	22.3							
G118.0	22.4	21.2	22.9							
G119.0	22.9	21.5	23.2							
G120.0	23.5	22.0	23.8							
G121.0	23.8	22.4	24.3							
G122.0	24.0	23.1	24.7							
G123.0	24.4	23.8	25.1							
G124.0	25.0	24.4	25.5							
G125.0	25.5	25.0	25.9							
G126.0	25.6	25.8	26.5							
G127.0	26.0	26.5	26.7							
G128.0	26.3	27.0	27.5							
G129.0	26.7	27.7	28.3							
G130.0	27.3	28.3	29.0							
G131.0	27.5	29.0	29.8							
G132.0	28.1	29.5	30.4							
G133.0	28.5	30.0	30.9							
G134.0	28.7	30.6	31.6							
G135.0	29.3	31.2	32.3							
G136.0	29.4	31.9	32.9							
G137.0	29.8	32.3	33.6							
G138.0	30.2	32.5	33.9							
G139.0	30.6	32.8	34.5							
G140.0	31.0	33.1	35.3							
G141.0	31.4	33.6	36.0							
G142.0	31.9	34.0	36.4							
G143.0	32.3	34.4	36.7							
G144.0	32.7	34.8	36.8							
G145.0	33.2	35.0	37.1							
G146.0	33.5	35.3	37.7							
G147.0	33.9	35.6	38.2							

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C330.0	C360.0							
G148.0	34.4	35.6	38.5							
G149.0	34.8	36.0	38.6							
G150.0	35.1	36.3	38.7							
G151.0	35.6	36.4	38.9							
G152.0	36.0	36.8	39.3							
G153.0	36.3	37.0	39.8							
G154.0	36.7	37.5	40.2							
G155.0	37.1	37.8	40.3							
G156.0	37.5	38.0	40.2							
G157.0	37.7	38.6	40.2							
G158.0	38.0	38.9	40.3							
G159.0	38.3	39.1	40.6							
G160.0	38.6	39.4	40.8							
G161.0	38.9	39.7	40.9							
G162.0	39.3	39.9	41.0							
G163.0	39.7	40.2	41.2							
G164.0	39.9	40.5	41.3							
G165.0	40.3	40.6	41.6							
G166.0	40.5	40.8	41.7							
G167.0	40.8	40.9	41.8							
G168.0	41.2	41.0	42.1							
G169.0	41.3	41.2	42.1							
G170.0	41.4	41.3	42.2							
G171.0	41.7	41.4	42.2							
G172.0	42.0	41.6	42.4							
G173.0	42.1	41.7	42.5							
G174.0	42.1	41.8	42.8							
G175.0	42.2	42.0	42.8							
G176.0	42.4	42.2	42.9							
G177.0	42.6	42.2	43.0							
G178.0	42.6	42.2	43.2							
G179.0	42.8	42.5	43.3							
G180.0	42.9	42.6	43.2							

C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Type: TYPE C
 Temperature: 35
 Operator:

Distance: 8.692 m
 Humidity: 45-75
 Inspector: