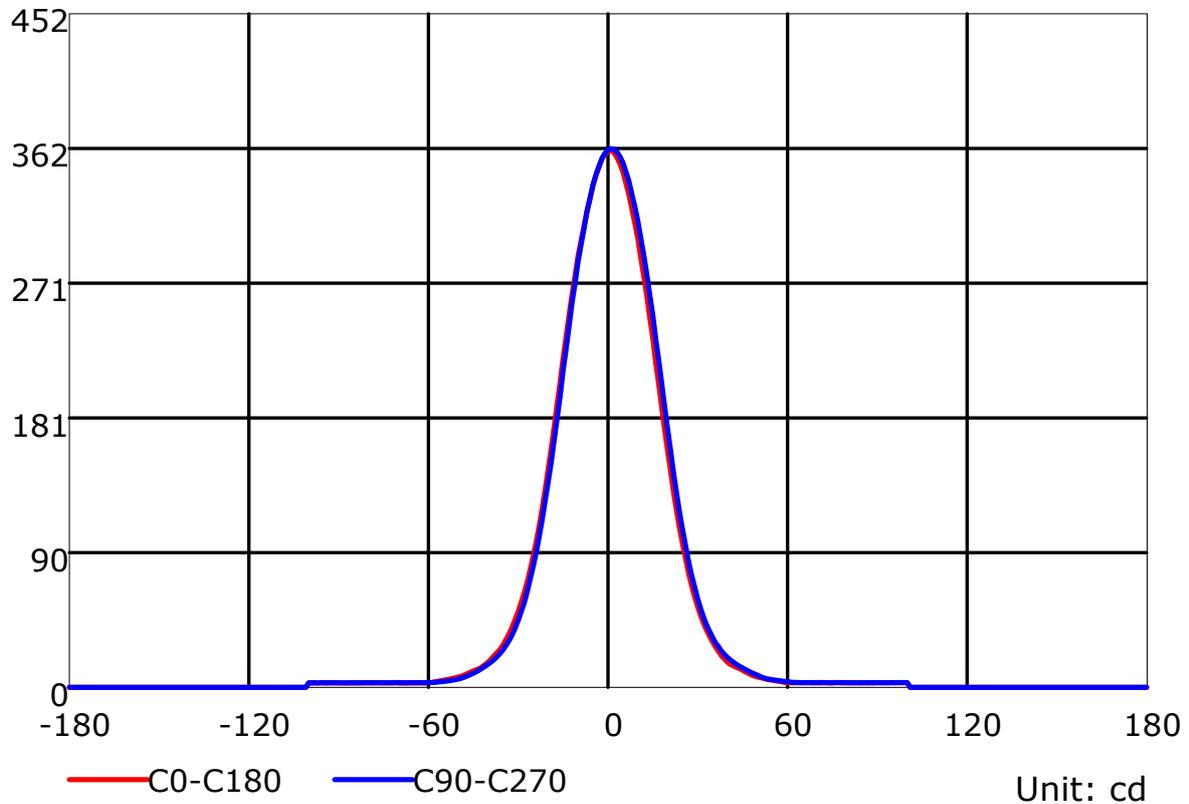
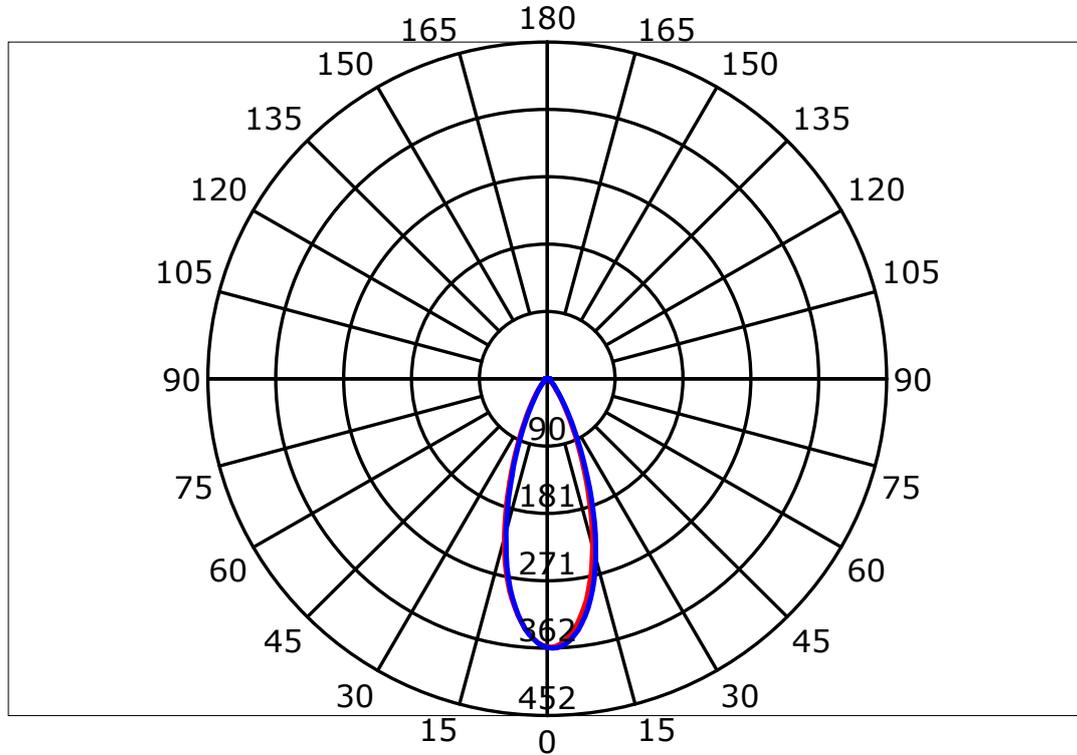


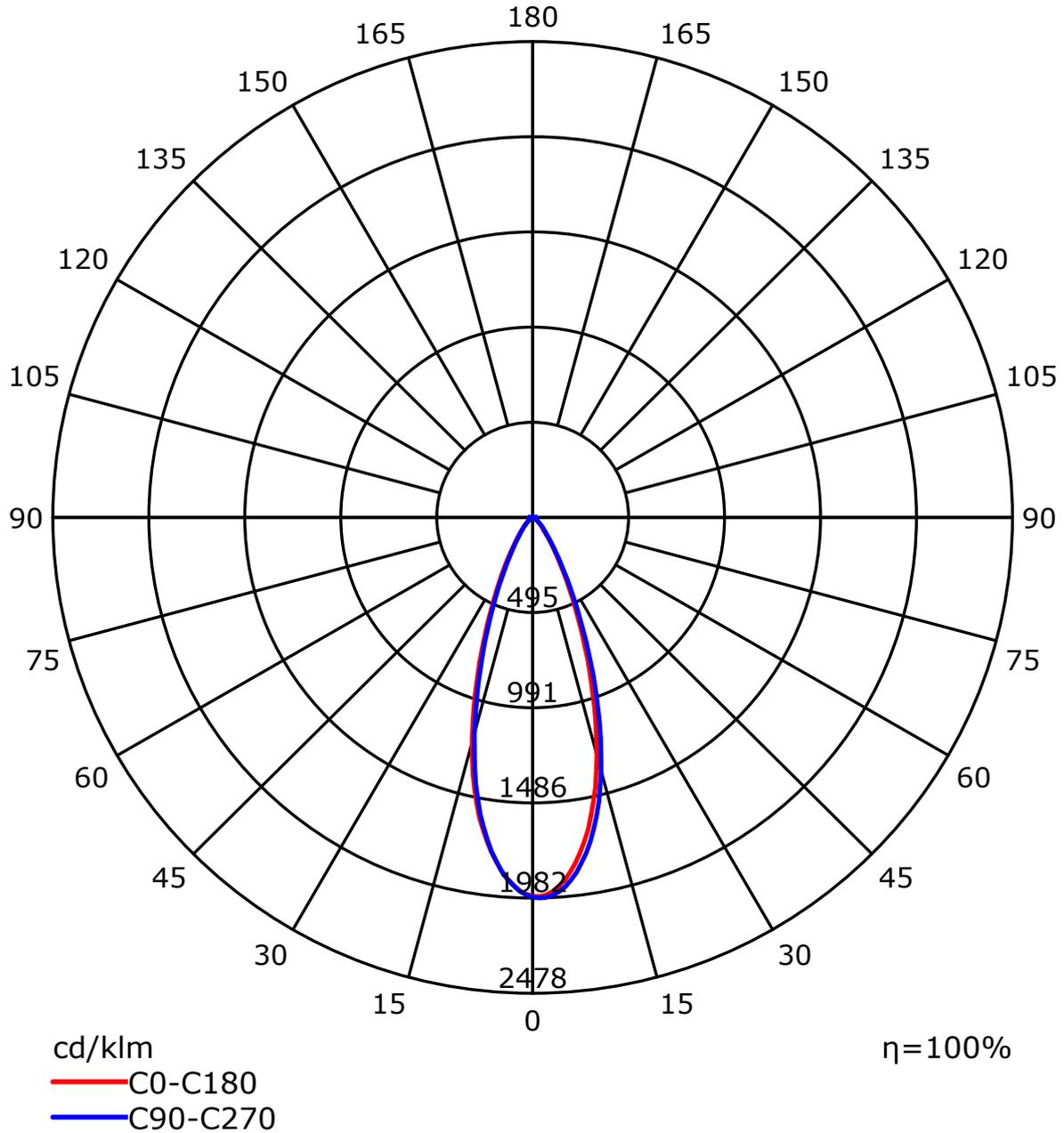
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



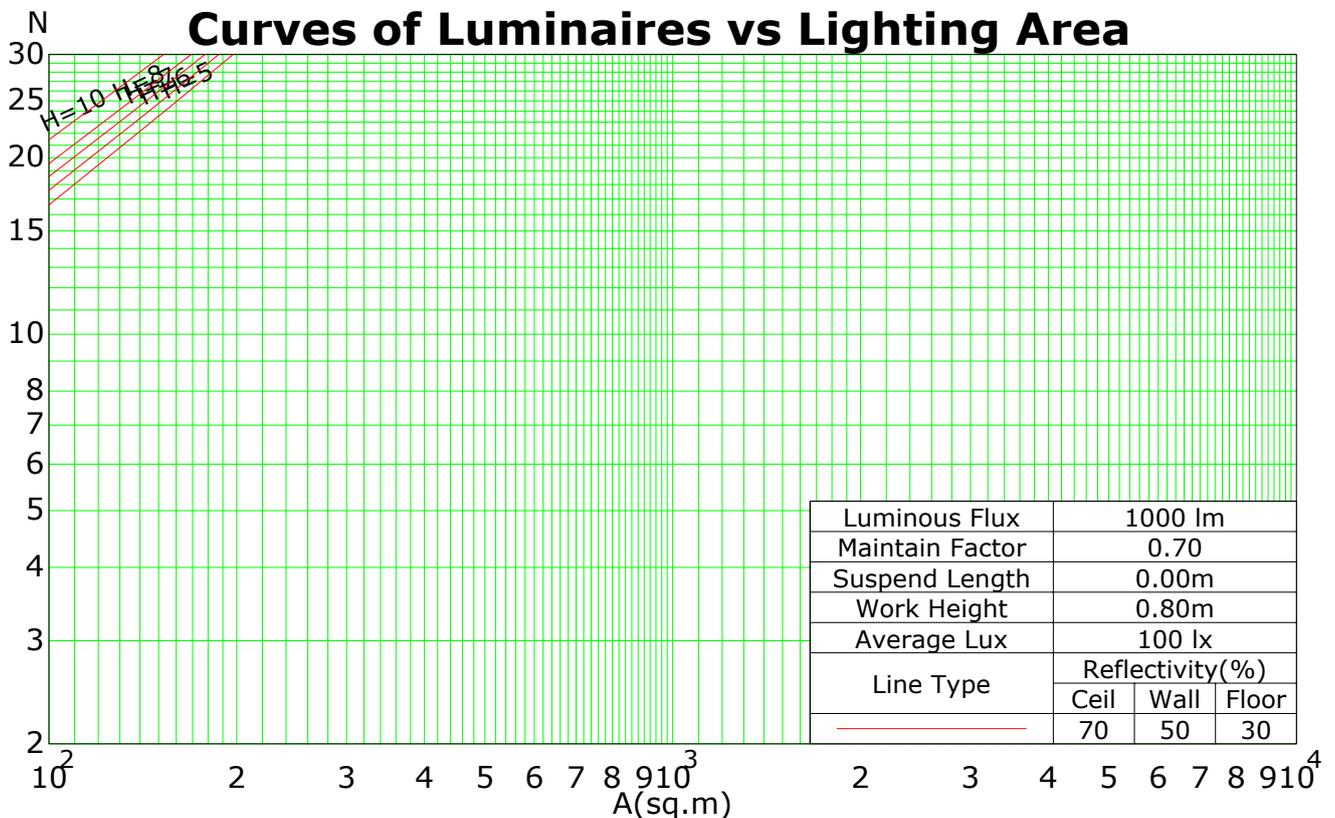
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
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	110	110	110	105	105	105	100	100	100	98
1	112	109	106	104	110	107	104	102	102	100	98	98	97	95	94	93	92	90
2	107	101	97	94	104	100	96	92	96	93	90	93	90	88	90	88	86	84
3	101	95	90	86	99	93	89	85	90	87	83	88	84	82	85	83	80	79
4	97	89	84	79	95	88	83	79	86	81	78	83	80	77	81	78	76	74
5	92	84	78	74	91	83	78	74	81	76	73	79	75	72	78	74	71	70
6	88	80	74	70	87	79	73	69	77	72	69	76	71	68	74	70	68	66
7	85	76	70	66	83	75	69	66	73	69	65	72	68	65	71	67	64	63
8	81	72	66	62	80	71	66	62	70	65	62	69	65	62	68	64	61	60
9	78	69	63	59	77	68	63	59	67	62	59	66	62	59	65	61	58	57
10	75	66	60	57	74	65	60	57	64	60	56	63	59	56	63	59	56	55

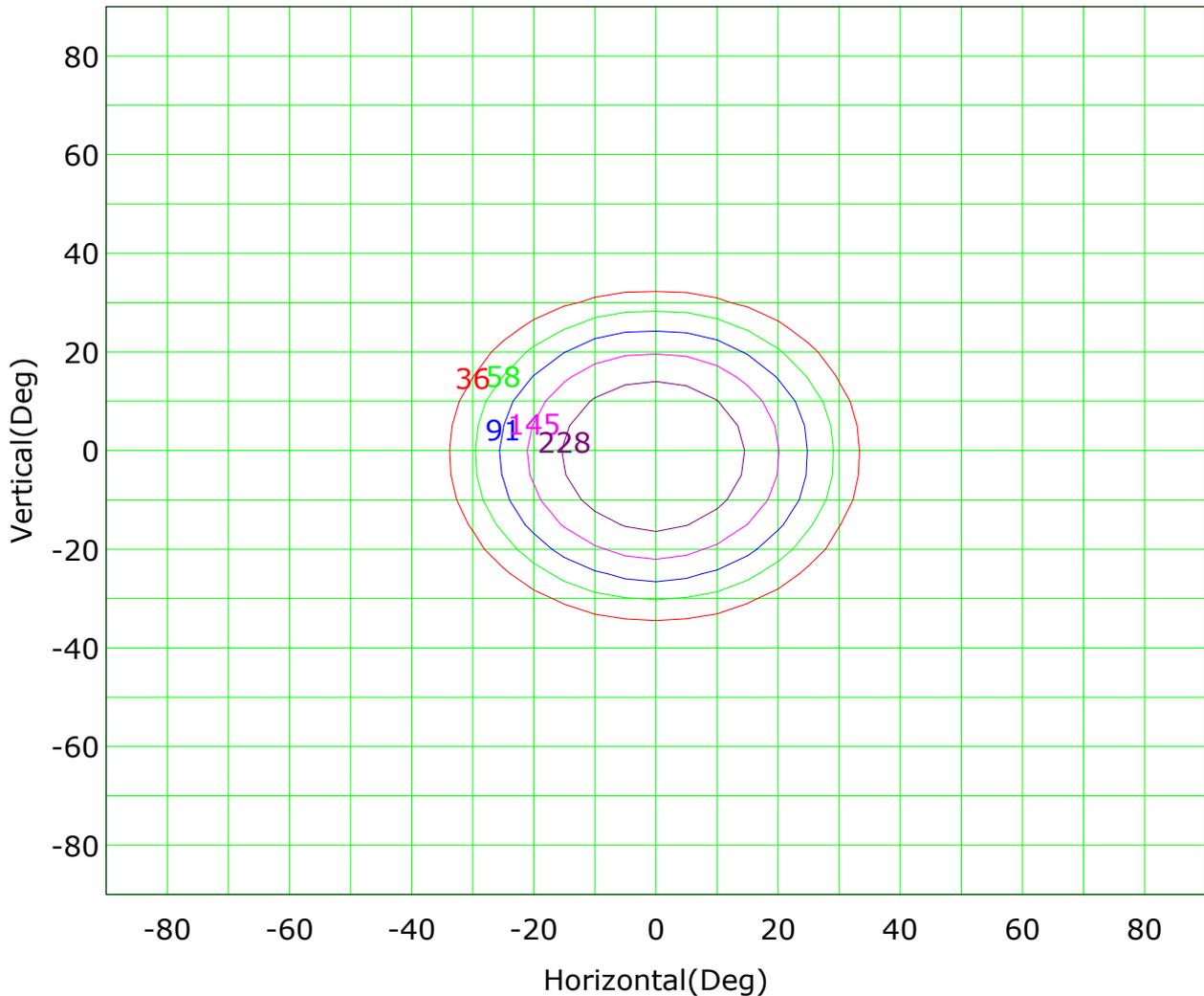
Spacing Criteria (0-180): 0.59
 Spacing Criteria (90-270): 0.60
 Spacing Criteria (Diagonal): 0.60



C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.443 m
 Humidity:
 Inspector:

Isocandela (rectangle)



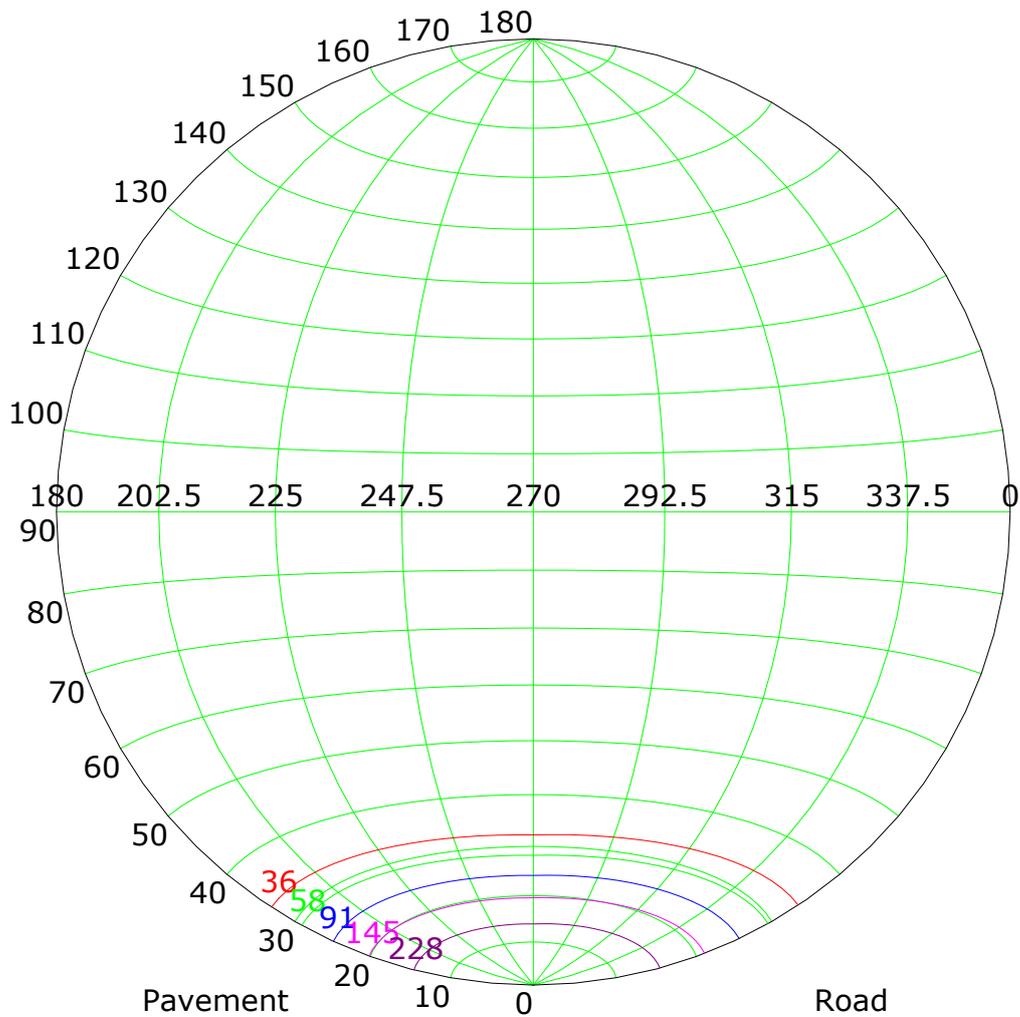
Imax (100%): 362 cd

— (10%):	36 cd	— (16%):	58 cd
— (25%):	91 cd	— (40%):	145 cd
— (63%):	228 cd	— (100%):	362 cd

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

Isocandela (sphere)



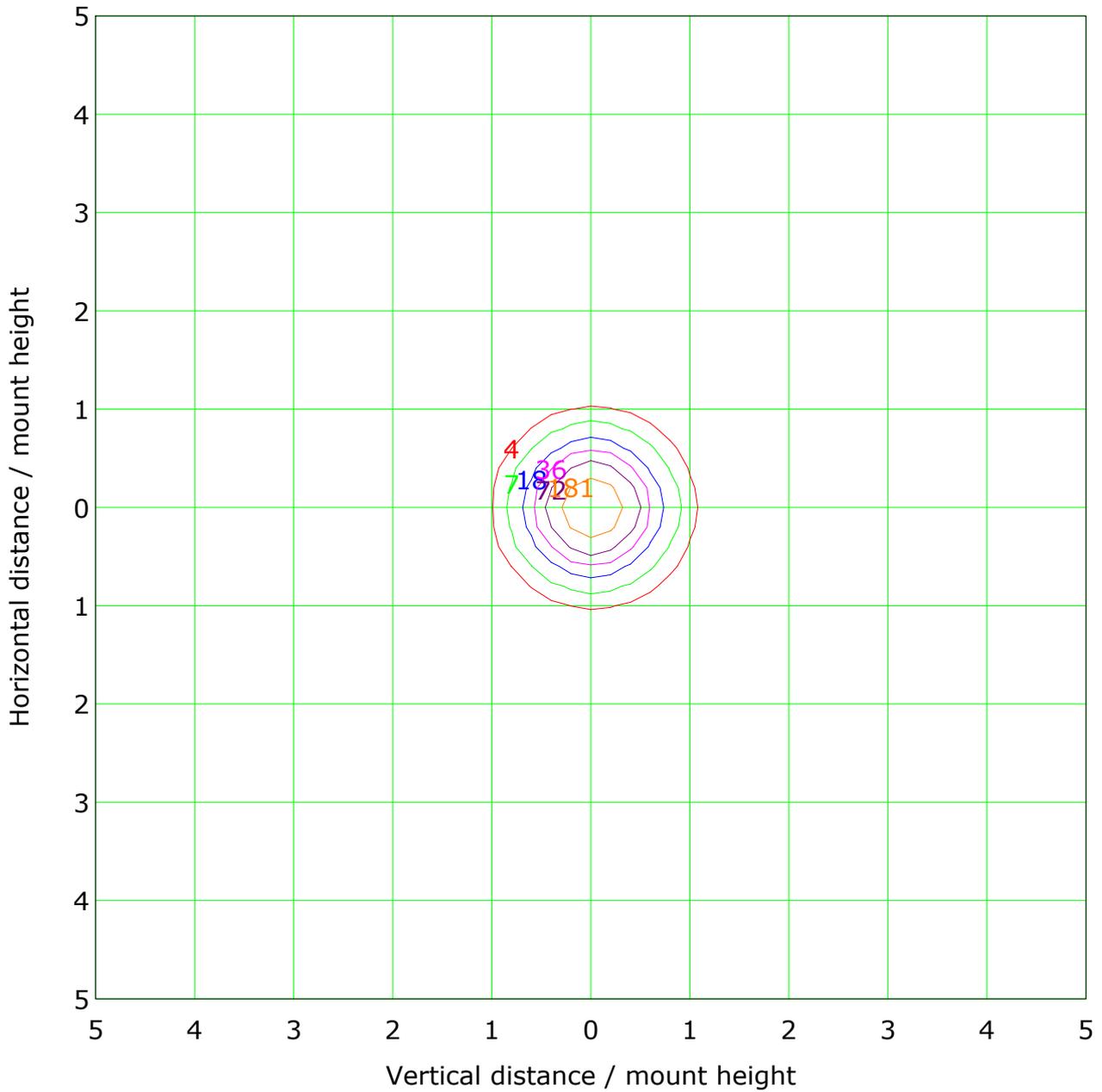
Imax (100%): 362 cd

— (10%):	36 cd	— (16%):	58 cd
— (25%):	91 cd	— (40%):	145 cd
— (63%):	228 cd	— (100%):	362 cd

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

IsoLux Plot



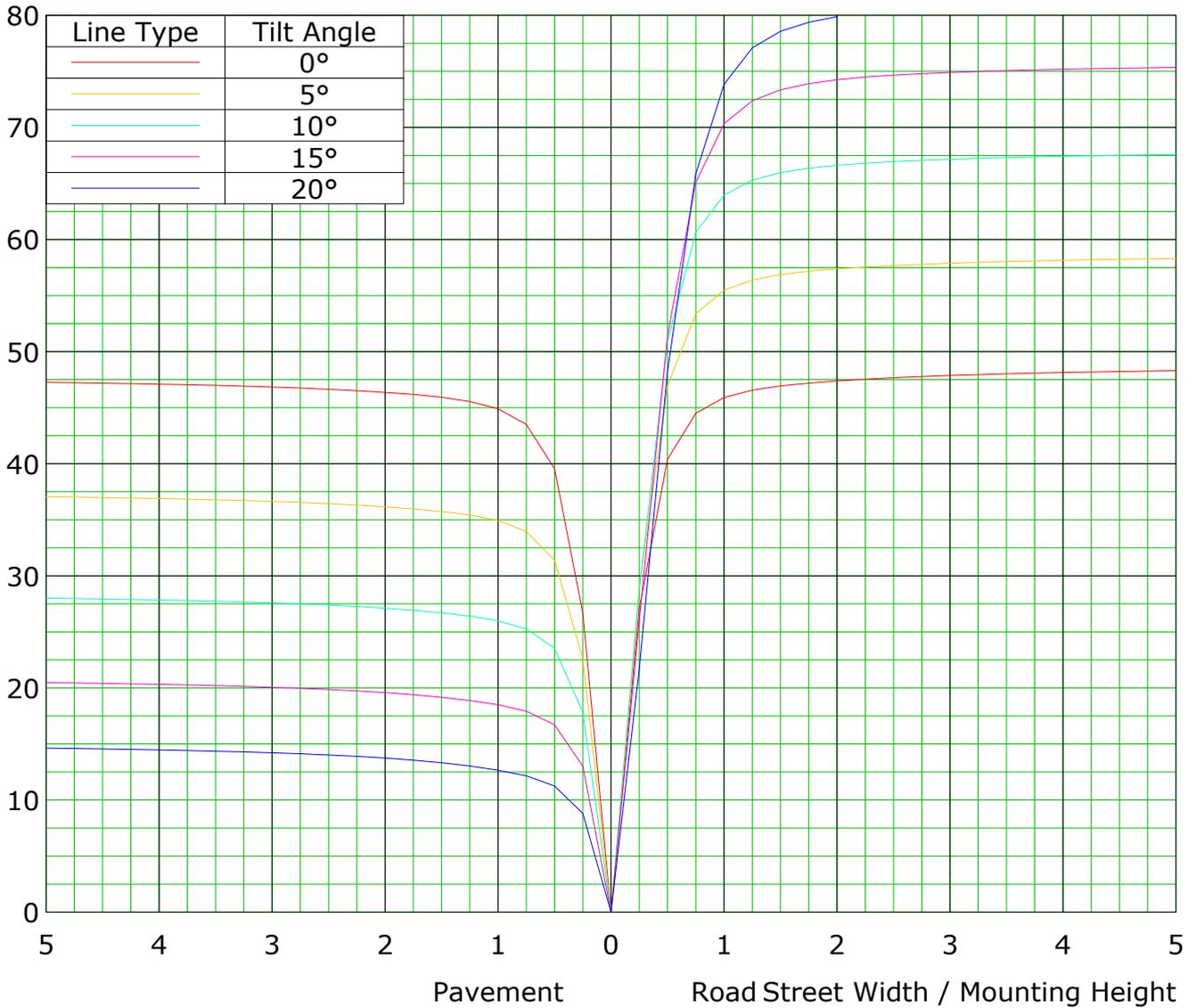
Mounting Height: 1.0m		Max Lux(100%): 361.8 lx
<ul style="list-style-type: none"> — (1%): 3.6 lx — (5%): 18.1 lx — (20%): 72.4 lx — (100%): 361.8 lx 	<ul style="list-style-type: none"> — (2%): 7.2 lx — (10%): 36.2 lx — (50%): 180.9 lx 	

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.443 m
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)

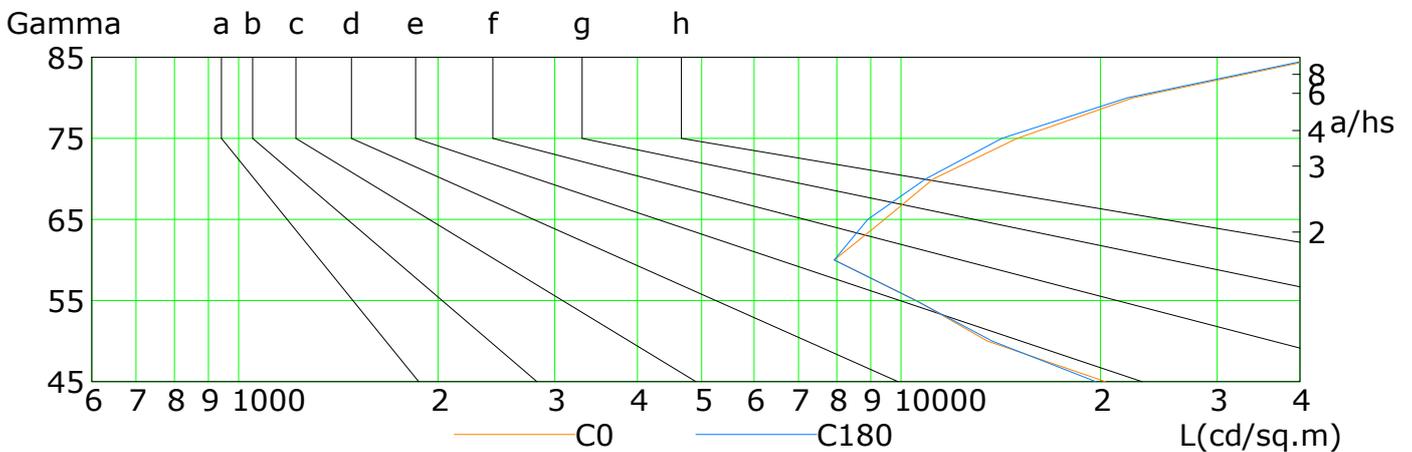
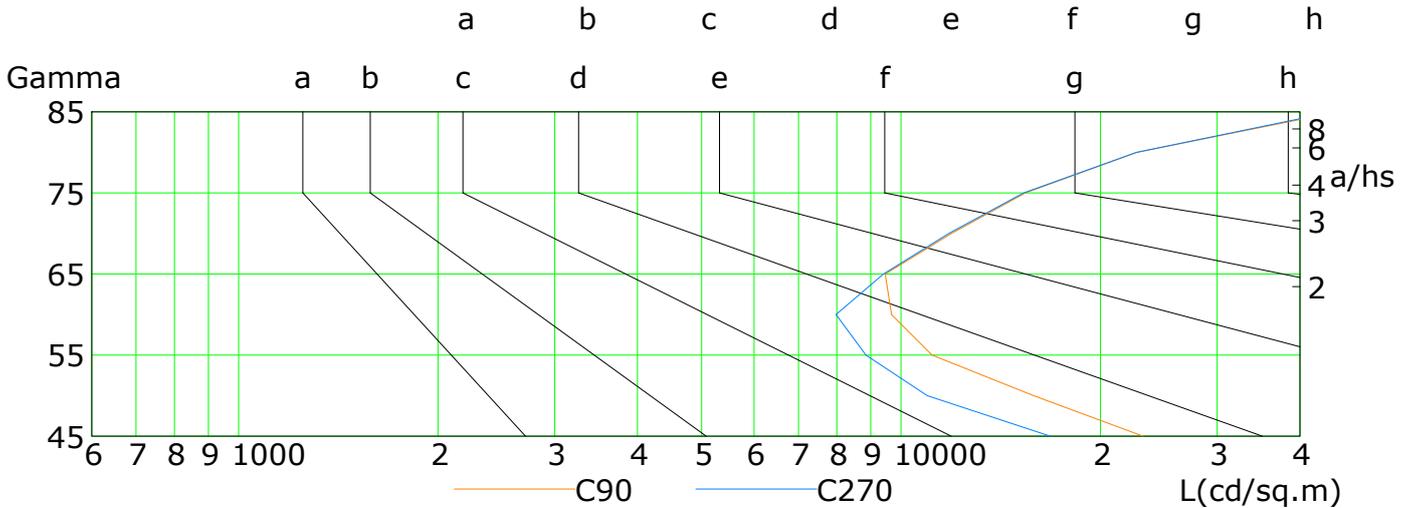


C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
1.15	A								
1.50	B								
1.85	C								
2.20	D								
2.55	E								



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	20347	13496	10548	7925	9435	11184	14972	22387	43744
C90	23193	15849	11136	9675	9465	11915	15407	22675	45608
C180	19675	13729	10526	7925	8903	10891	14199	21955	43026
C270	16794	10948	8848	7975	9406	11805	15310	22675	44891

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

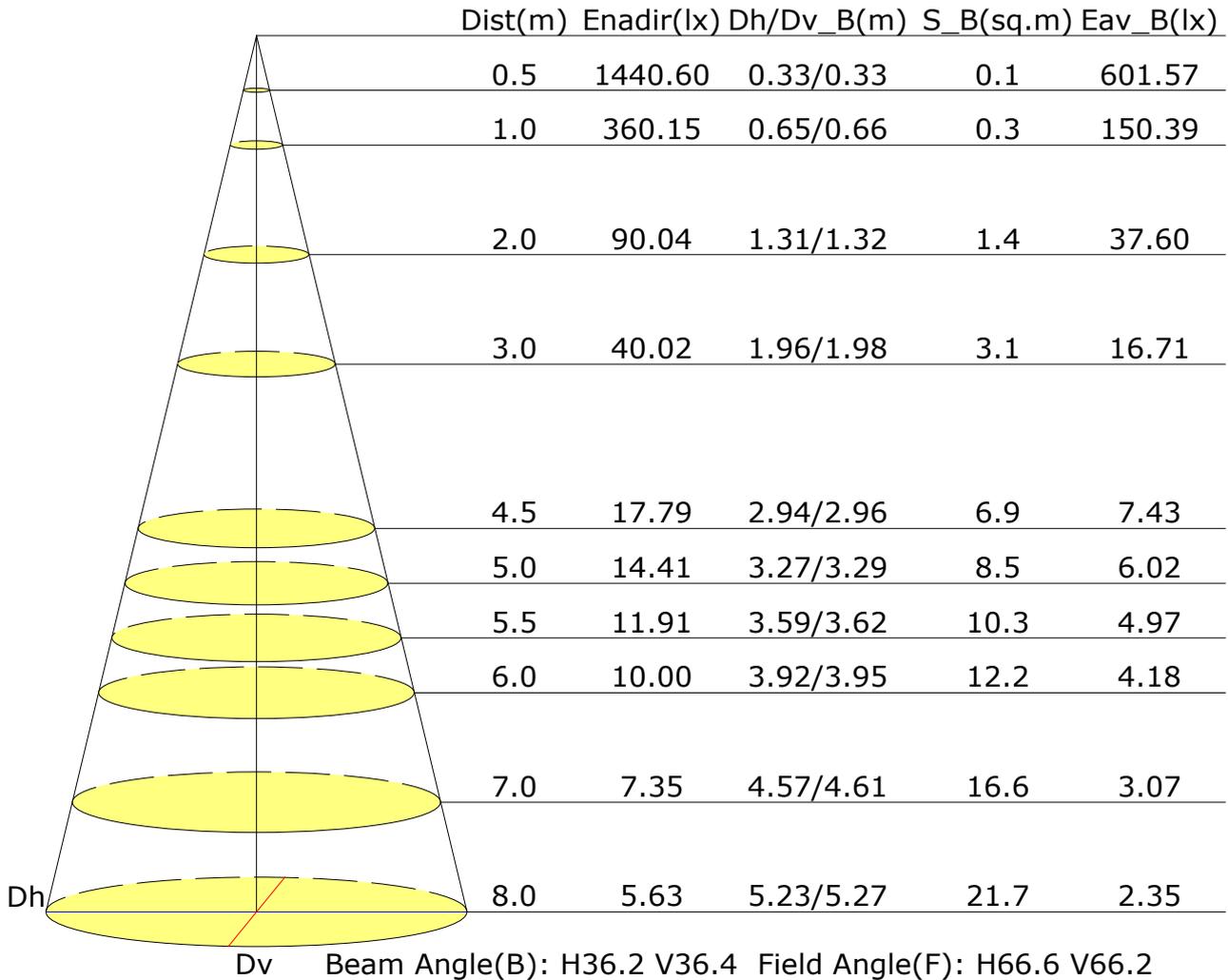
Test Device: GPM-1600L

Distance: 8.443 m

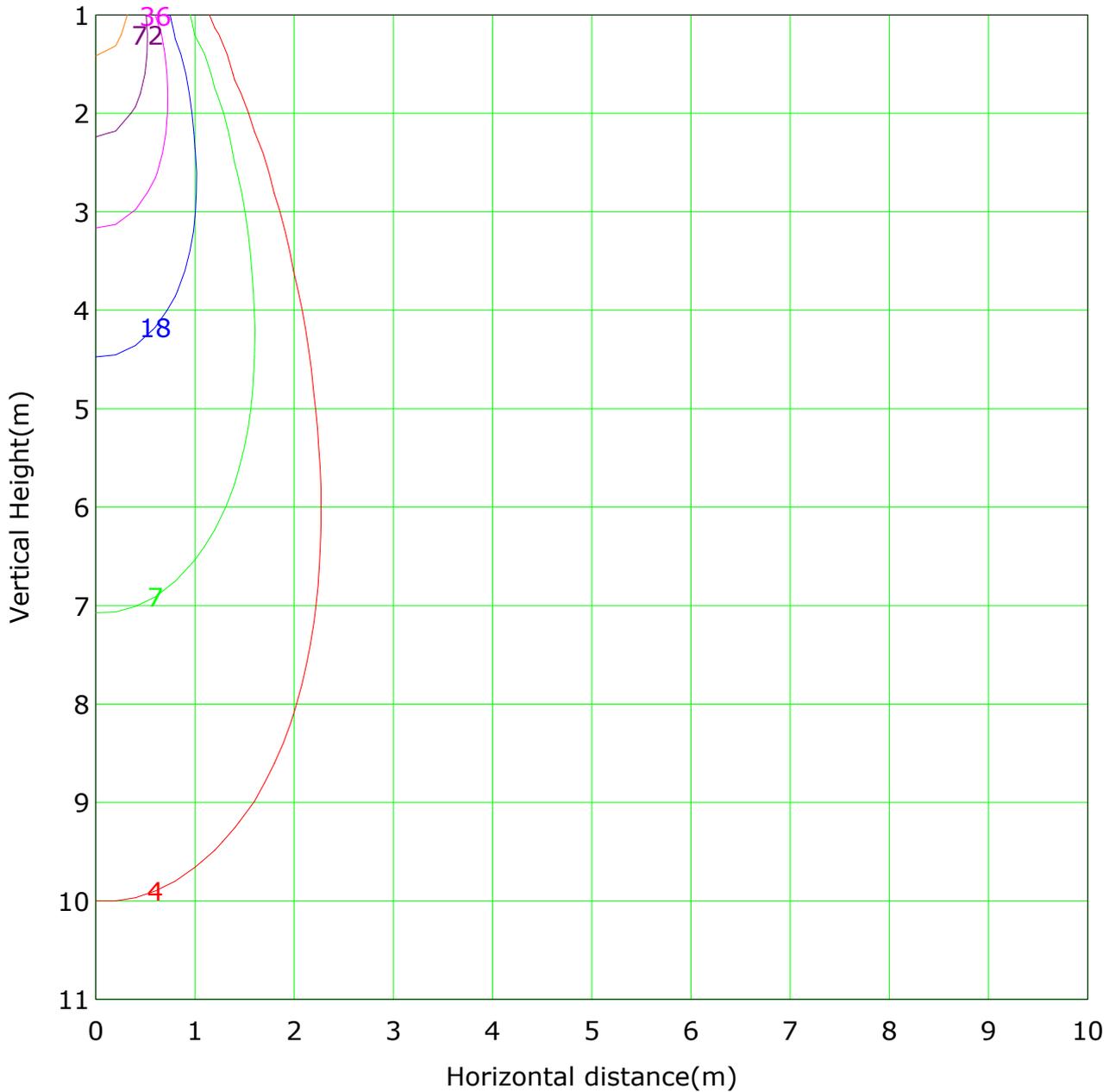
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



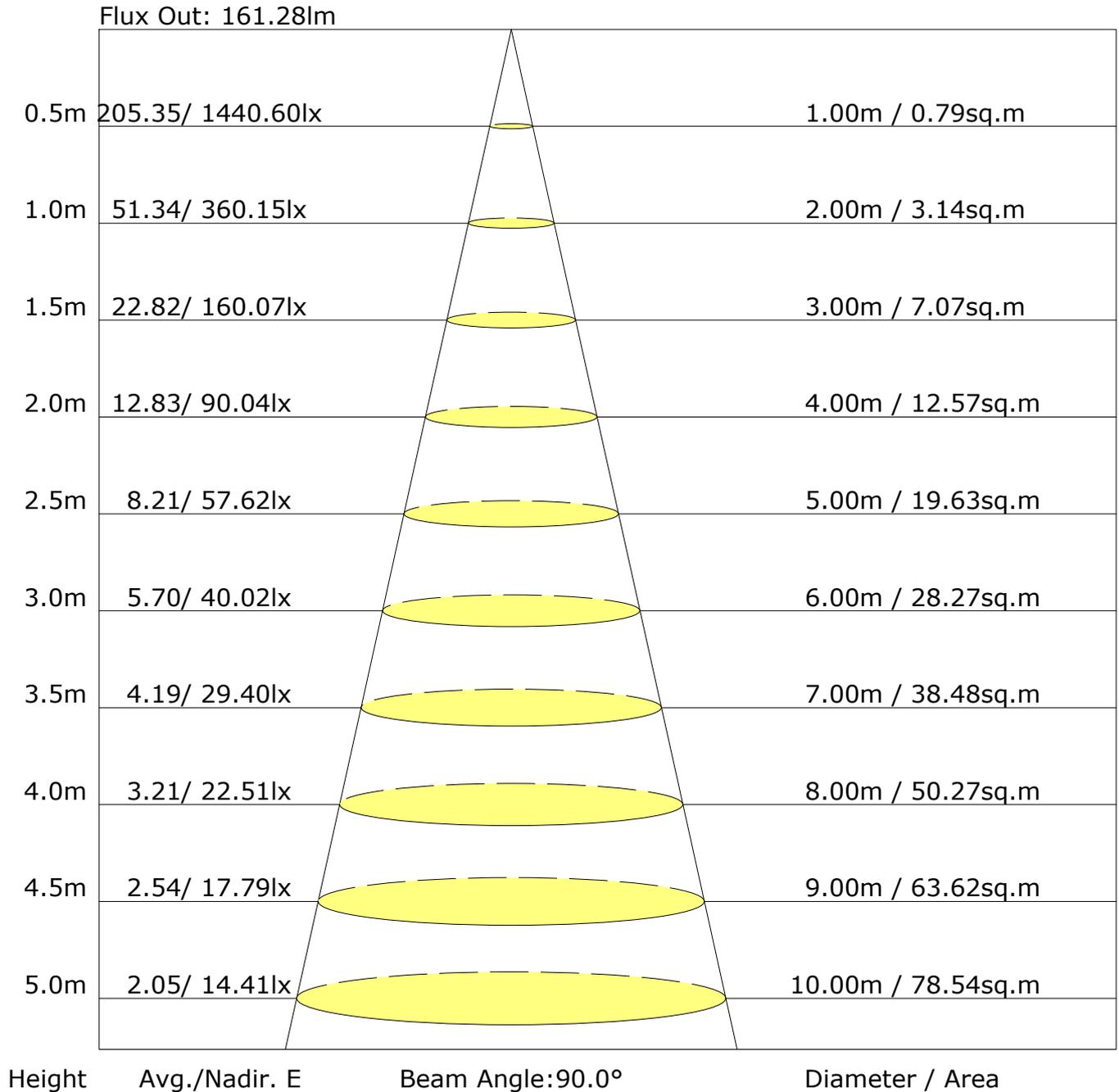
Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 360.1 lx

— (1%): 3.6 lx	— (2%): 7.2 lx
— (5%): 18.0 lx	— (10%): 36.0 lx
— (20%): 72.0 lx	— (50%): 180.1 lx
— (100%): 360.1 lx	

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
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	16.8	17.6	17.1	17.8	18.1	16.8	17.6	17.1	17.9	18.1
3H	17.8	18.6	18.1	18.8	19.1	17.8	18.6	18.2	18.9	19.2
4H	18.7	19.4	19.1	19.7	20.0	18.8	19.5	19.1	19.8	20.1
6H	20.1	20.7	20.4	21.1	21.4	20.2	20.9	20.6	21.2	21.5
8H	20.9	21.6	21.3	21.9	22.3	21.1	21.7	21.5	22.1	22.4
12H	22.0	22.7	22.4	23.0	23.4	22.2	22.8	22.6	23.1	23.5
X=4H Y=2H	17.0	17.7	17.3	18.0	18.3	17.0	17.7	17.3	18.0	18.3
3H	18.4	19.0	18.8	19.4	19.7	18.5	19.1	18.9	19.4	19.8
4H	19.6	20.2	20.1	20.6	21.0	19.7	20.3	20.1	20.7	21.1
6H	21.3	21.8	21.8	22.2	22.7	21.5	22.0	21.9	22.4	22.8
8H	22.4	22.8	22.8	23.3	23.7	22.5	23.0	23.0	23.4	23.9
12H	23.7	24.1	24.1	24.5	25.0	23.8	24.2	24.3	24.7	25.1
X=8H Y=4H	20.2	20.7	20.7	21.1	21.6	20.3	20.8	20.8	21.2	21.6
6H	22.3	22.6	22.8	23.1	23.6	22.4	22.7	22.8	23.2	23.7
8H	23.5	23.9	24.0	24.4	24.9	23.6	24.0	24.1	24.5	25.0
12H	25.0	25.3	25.6	25.8	26.4	25.2	25.5	25.7	26.0	26.5
X=12H Y=4H	20.4	20.8	20.9	21.3	21.7	20.5	20.9	21.0	21.3	21.8
6H	22.6	22.9	23.1	23.4	23.9	22.7	23.0	23.2	23.5	24.0
8H	24.0	24.3	24.5	24.8	25.3	24.1	24.4	24.6	24.9	25.4
Variations with the observer position at spacings:										
S=1.0H	+0.7/-0.6					+0.5/-0.6				
S=1.5H	+1.5/-1.2					+1.1/-1.1				
S=2.0H	+2.4/-1.5					+1.8/-1.4				

Calculate in accordance with CIE Pub.117. The table is revised with 183lm ($8\log(F/F_0) = -5.9$).

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

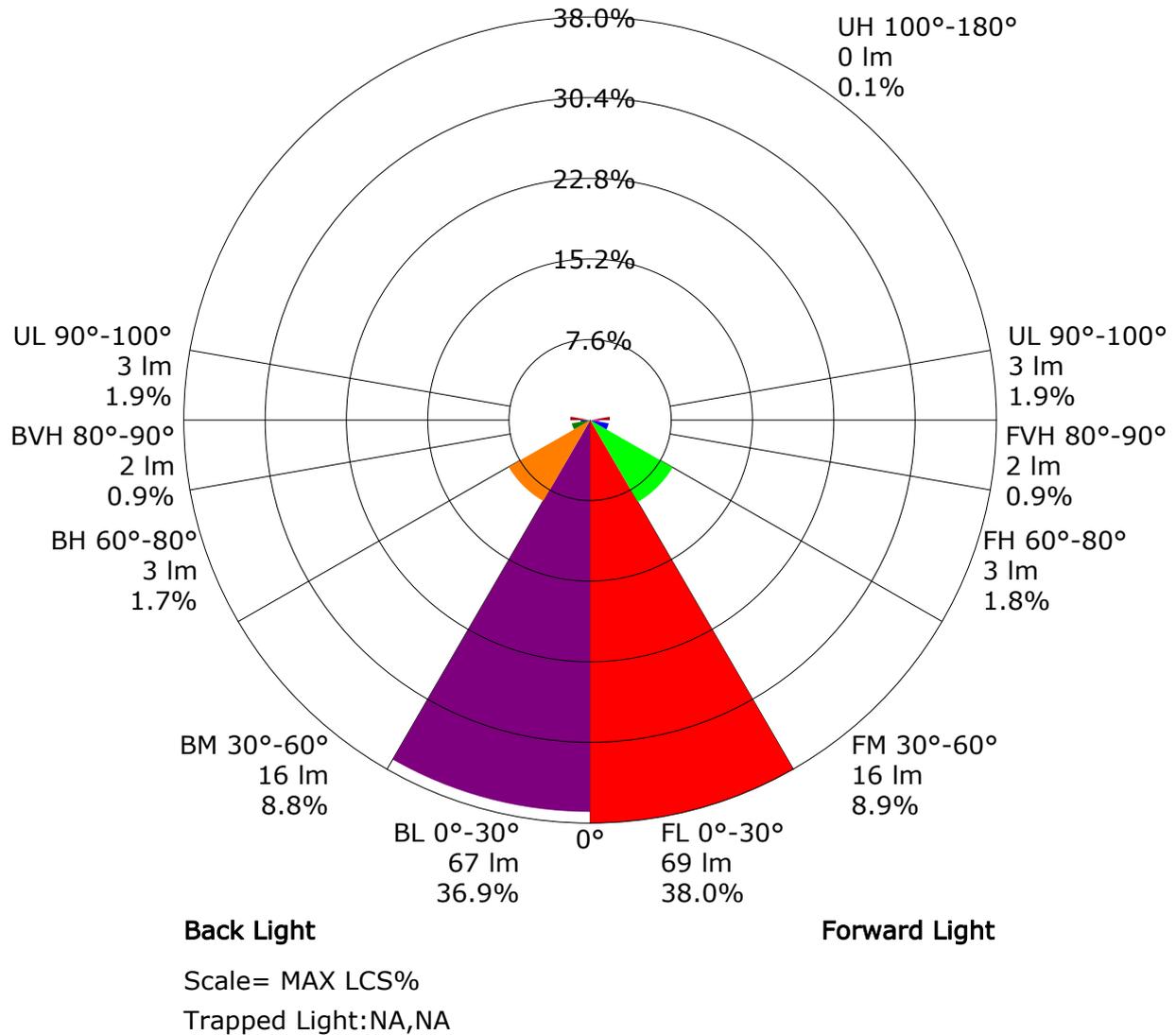
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	91	49.6
	FL (0°-30°)	69	38.0
	FM (30°-60°)	16	8.9
	FH (60°-80°)	3	1.8
	FVH (80°-90°)	2	0.9
	BACK LIGHT	88	48.4
	BL (0°-30°)	67	36.9
	BM (30°-60°)	16	8.8
	BH (60°-80°)	3	1.7
	BVH (80°-90°)	2	0.9
	UP LIGHT	4	2.0
	UL (90°-100°)	3	1.9
	UH (100°-180°)	0	0.1
	TRAPPED LIGHT	NA	NA

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

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

LCS Graph



Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.85	0.91	0.95	0.97	1.01	1.04	1.06	1.08	1.10	
	0.30		0.80	0.86	0.90	0.93	0.98	1.00	1.03	1.05	1.07	
	0.20		0.77	0.83	0.87	0.90	0.94	0.98	1.00	1.03	1.05	
0.50	0.50	0.20	0.83	0.89	0.92	0.95	0.98	1.00	1.02	1.04	1.05	
	0.30		0.79	0.85	0.89	0.91	0.95	0.98	0.99	1.02	1.03	
	0.20		0.76	0.82	0.86	0.88	0.92	0.95	0.97	1.00	1.02	
0.30	0.50	0.20	0.82	0.87	0.90	0.92	0.95	0.97	0.98	1.00	1.01	
	0.30		0.79	0.84	0.87	0.89	0.93	0.95	0.96	0.98	1.00	
	0.20		0.76	0.81	0.84	0.87	0.91	0.93	0.95	0.97	0.98	
0.00	0.00	0.00	0.74	0.79	0.82	0.84	0.87	0.89	0.90	0.92	0.93	
<p>Rating:3W 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	0.58	0.48	0.41	0.36	0.29	0.24	0.21	0.17	0.14	
	0.30		0.49	0.41	0.36	0.32	0.26	0.22	0.19	0.16	0.13	
	0.20		0.42	0.36	0.32	0.28	0.24	0.21	0.18	0.15	0.12	
0.50	0.50	0.20	0.55	0.45	0.38	0.33	0.27	0.26	0.19	0.15	0.13	
	0.30		0.47	0.39	0.34	0.30	0.24	0.21	0.18	0.14	0.12	
	0.20		0.40	0.35	0.30	0.27	0.23	0.19	0.17	0.14	0.12	
0.30	0.50	0.20	0.52	0.42	0.36	0.31	0.25	0.21	0.18	0.14	0.12	
	0.30		0.45	0.37	0.32	0.28	0.23	0.19	0.17	0.13	0.11	
	0.20		0.39	0.33	0.29	0.26	0.21	0.18	0.16	0.13	0.11	
0.00	0.00	0.00	0.25	0.21	0.18	0.15	0.12	0.11	0.09	0.07	0.06	
<p>Rating:3W 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(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	0.15	0.16	0.18	0.19	0.20	0.21	0.22	0.22	0.23	
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.21	0.21	
	0.20		0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.19	0.20	
0.50	0.50	0.20	0.14	0.16	0.17	0.18	0.19	0.20	0.21	0.21	0.22	
	0.30		0.11	0.12	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.08	0.10	0.11	0.13	0.14	0.16	0.17	0.18	0.19	
0.30	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.19	0.20	0.21	0.21	
	0.30		0.10	0.12	0.13	0.15	0.16	0.17	0.18	0.19	0.20	
	0.20		0.08	0.10	0.11	0.12	0.14	0.15	0.16	0.18	0.19	
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
<p>Rating:3W 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	360.3	0.3	0.3	0.19	0.19
1.0-2.0	358.9	1.0	1.4	0.56	0.75
2.0-3.0	356.0	1.7	3.1	0.93	1.69
3.0-4.0	351.7	2.4	5.4	1.29	2.98
4.0-5.0	346.5	3.0	8.4	1.63	4.61
5.0-6.0	339.7	3.6	12.0	1.96	6.56
6.0-7.0	331.9	4.1	16.1	2.26	8.82
7.0-8.0	323.1	4.6	20.7	2.53	11.35
8.0-9.0	313.2	5.1	25.8	2.78	14.13
9.0-10.0	302.9	5.5	31.3	3.00	17.14
10.0-11.0	291.3	5.8	37.1	3.19	20.32
11.0-12.0	278.6	6.1	43.2	3.34	23.66
12.0-13.0	265.6	6.3	49.5	3.45	27.11
13.0-14.0	251.3	6.4	55.9	3.52	30.64
14.0-15.0	236.7	6.5	62.4	3.56	34.20
15.0-16.0	221.5	6.5	68.9	3.56	37.75
16.0-17.0	206.0	6.4	75.3	3.51	41.26
17.0-18.0	191.1	6.3	81.6	3.45	44.72
18.0-19.0	175.9	6.1	87.8	3.35	48.07
19.0-20.0	160.9	5.9	93.7	3.23	51.29
20.0-21.0	147.2	5.7	99.3	3.10	54.39
21.0-22.0	133.6	5.4	104.7	2.94	57.33
22.0-23.0	120.7	5.1	109.7	2.77	60.10
23.0-24.0	108.9	4.8	114.5	2.61	62.71
24.0-25.0	97.7	4.4	118.9	2.43	65.14
25.0-26.0	87.9	4.2	123.1	2.27	67.42
26.0-27.0	78.6	3.8	126.9	2.11	69.53
27.0-28.0	70.0	3.5	130.5	1.94	71.47
28.0-29.0	62.6	3.3	133.8	1.79	73.26
29.0-30.0	55.8	3.0	136.8	1.65	74.91
30.0-31.0	49.6	2.8	139.5	1.51	76.42
31.0-32.0	44.2	2.5	142.1	1.39	77.81
32.0-33.0	39.3	2.3	144.4	1.27	79.08
33.0-34.0	35.2	2.1	146.5	1.17	80.24
34.0-35.0	31.4	1.9	148.5	1.07	81.31
35.0-36.0	28.0	1.8	150.3	0.98	82.29

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
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	25.2	1.6	151.9	0.90	83.19
37.0-38.0	22.7	1.5	153.4	0.83	84.02
38.0-39.0	20.4	1.4	154.8	0.76	84.78
39.0-40.0	18.4	1.3	156.1	0.70	85.48
40.0-41.0	16.6	1.2	157.3	0.65	86.13
41.0-42.0	15.2	1.1	158.4	0.61	86.74
42.0-43.0	13.9	1.0	159.4	0.57	87.30
43.0-44.0	12.8	1.0	160.4	0.53	87.83
44.0-45.0	11.8	0.9	161.3	0.50	88.33
45.0-46.0	10.8	0.8	162.1	0.46	88.79
46.0-47.0	9.8	0.8	162.9	0.43	89.22
47.0-48.0	8.9	0.7	163.6	0.39	89.61
48.0-49.0	8.0	0.7	164.3	0.36	89.97
49.0-50.0	7.3	0.6	164.9	0.33	90.31
50.0-51.0	6.7	0.6	165.5	0.31	90.61
51.0-52.0	6.1	0.5	166.0	0.29	90.90
52.0-53.0	5.6	0.5	166.5	0.27	91.17
53.0-54.0	5.2	0.5	166.9	0.25	91.42
54.0-55.0	4.9	0.4	167.4	0.24	91.66
55.0-56.0	4.5	0.4	167.8	0.23	91.88
56.0-57.0	4.2	0.4	168.2	0.21	92.10
57.0-58.0	4.0	0.4	168.5	0.20	92.30
58.0-59.0	3.7	0.3	168.9	0.19	92.49
59.0-60.0	3.4	0.3	169.2	0.18	92.66
60.0-61.0	3.3	0.3	169.5	0.17	92.84
61.0-62.0	3.2	0.3	169.8	0.17	93.00
62.0-63.0	3.2	0.3	170.1	0.17	93.17
63.0-64.0	3.2	0.3	170.4	0.17	93.34
64.0-65.0	3.2	0.3	170.7	0.17	93.51
65.0-66.0	3.1	0.3	171.1	0.17	93.69
66.0-67.0	3.2	0.3	171.4	0.17	93.86
67.0-68.0	3.1	0.3	171.7	0.17	94.03
68.0-69.0	3.1	0.3	172.0	0.17	94.21
69.0-70.0	3.1	0.3	172.3	0.18	94.38
70.0-71.0	3.1	0.3	172.7	0.18	94.56
71.0-72.0	3.1	0.3	173.0	0.18	94.74

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
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	3.1	0.3	173.3	0.18	94.92
73.0-74.0	3.1	0.3	173.6	0.18	95.10
74.0-75.0	3.1	0.3	174.0	0.18	95.28
75.0-76.0	3.1	0.3	174.3	0.18	95.46
76.0-77.0	3.1	0.3	174.6	0.18	95.64
77.0-78.0	3.1	0.3	175.0	0.18	95.82
78.0-79.0	3.1	0.3	175.3	0.18	96.01
79.0-80.0	3.1	0.3	175.6	0.18	96.19
80.0-81.0	3.1	0.3	176.0	0.18	96.38
81.0-82.0	3.1	0.3	176.3	0.18	96.56
82.0-83.0	3.1	0.3	176.6	0.18	96.75
83.0-84.0	3.1	0.3	177.0	0.18	96.93
84.0-85.0	3.1	0.3	177.3	0.18	97.11
85.0-86.0	3.1	0.3	177.7	0.19	97.30
86.0-87.0	3.1	0.3	178.0	0.19	97.49
87.0-88.0	3.1	0.3	178.3	0.19	97.67
88.0-89.0	3.1	0.3	178.7	0.19	97.86
89.0-90.0	3.1	0.3	179.0	0.19	98.04
90.0-91.0	3.1	0.3	179.4	0.19	98.23
91.0-92.0	3.1	0.3	179.7	0.19	98.42
92.0-93.0	3.1	0.3	180.0	0.19	98.60
93.0-94.0	3.1	0.3	180.4	0.19	98.79
94.0-95.0	3.1	0.3	180.7	0.19	98.98
95.0-96.0	3.1	0.3	181.1	0.19	99.17
96.0-97.0	3.1	0.3	181.4	0.19	99.35
97.0-98.0	3.1	0.3	181.7	0.19	99.54
98.0-99.0	3.1	0.3	182.1	0.19	99.72
99.0-100.0	3.1	0.3	182.4	0.18	99.91
100.0-101.0	1.6	0.2	182.6	0.09	100.00
101.0-102.0	0.0	0.0	182.6	0.00	100.00
102.0-103.0	0.0	0.0	182.6	0.00	100.00
103.0-104.0	0.0	0.0	182.6	0.00	100.00
104.0-105.0	0.0	0.0	182.6	0.00	100.00
105.0-106.0	0.0	0.0	182.6	0.00	100.00
106.0-107.0	0.0	0.0	182.6	0.00	100.00
107.0-108.0	0.0	0.0	182.6	0.00	100.00

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
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	182.6	0.00	100.00
109.0-110.0	0.0	0.0	182.6	0.00	100.00
110.0-111.0	0.0	0.0	182.6	0.00	100.00
111.0-112.0	0.0	0.0	182.6	0.00	100.00
112.0-113.0	0.0	0.0	182.6	0.00	100.00
113.0-114.0	0.0	0.0	182.6	0.00	100.00
114.0-115.0	0.0	0.0	182.6	0.00	100.00
115.0-116.0	0.0	0.0	182.6	0.00	100.00
116.0-117.0	0.0	0.0	182.6	0.00	100.00
117.0-118.0	0.0	0.0	182.6	0.00	100.00
118.0-119.0	0.0	0.0	182.6	0.00	100.00
119.0-120.0	0.0	0.0	182.6	0.00	100.00
120.0-121.0	0.0	0.0	182.6	0.00	100.00
121.0-122.0	0.0	0.0	182.6	0.00	100.00
122.0-123.0	0.0	0.0	182.6	0.00	100.00
123.0-124.0	0.0	0.0	182.6	0.00	100.00
124.0-125.0	0.0	0.0	182.6	0.00	100.00
125.0-126.0	0.0	0.0	182.6	0.00	100.00
126.0-127.0	0.0	0.0	182.6	0.00	100.00
127.0-128.0	0.0	0.0	182.6	0.00	100.00
128.0-129.0	0.0	0.0	182.6	0.00	100.00
129.0-130.0	0.0	0.0	182.6	0.00	100.00
130.0-131.0	0.0	0.0	182.6	0.00	100.00
131.0-132.0	0.0	0.0	182.6	0.00	100.00
132.0-133.0	0.0	0.0	182.6	0.00	100.00
133.0-134.0	0.0	0.0	182.6	0.00	100.00
134.0-135.0	0.0	0.0	182.6	0.00	100.00
135.0-136.0	0.0	0.0	182.6	0.00	100.00
136.0-137.0	0.0	0.0	182.6	0.00	100.00
137.0-138.0	0.0	0.0	182.6	0.00	100.00
138.0-139.0	0.0	0.0	182.6	0.00	100.00
139.0-140.0	0.0	0.0	182.6	0.00	100.00
140.0-141.0	0.0	0.0	182.6	0.00	100.00
141.0-142.0	0.0	0.0	182.6	0.00	100.00
142.0-143.0	0.0	0.0	182.6	0.00	100.00
143.0-144.0	0.0	0.0	182.6	0.00	100.00

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
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	182.6	0.00	100.00
145.0-146.0	0.0	0.0	182.6	0.00	100.00
146.0-147.0	0.0	0.0	182.6	0.00	100.00
147.0-148.0	0.0	0.0	182.6	0.00	100.00
148.0-149.0	0.0	0.0	182.6	0.00	100.00
149.0-150.0	0.0	0.0	182.6	0.00	100.00
150.0-151.0	0.0	0.0	182.6	0.00	100.00
151.0-152.0	0.0	0.0	182.6	0.00	100.00
152.0-153.0	0.0	0.0	182.6	0.00	100.00
153.0-154.0	0.0	0.0	182.6	0.00	100.00
154.0-155.0	0.0	0.0	182.6	0.00	100.00
155.0-156.0	0.0	0.0	182.6	0.00	100.00
156.0-157.0	0.0	0.0	182.6	0.00	100.00
157.0-158.0	0.0	0.0	182.6	0.00	100.00
158.0-159.0	0.0	0.0	182.6	0.00	100.00
159.0-160.0	0.0	0.0	182.6	0.00	100.00
160.0-161.0	0.0	0.0	182.6	0.00	100.00
161.0-162.0	0.0	0.0	182.6	0.00	100.00
162.0-163.0	0.0	0.0	182.6	0.00	100.00
163.0-164.0	0.0	0.0	182.6	0.00	100.00
164.0-165.0	0.0	0.0	182.6	0.00	100.00
165.0-166.0	0.0	0.0	182.6	0.00	100.00
166.0-167.0	0.0	0.0	182.6	0.00	100.00
167.0-168.0	0.0	0.0	182.6	0.00	100.00
168.0-169.0	0.0	0.0	182.6	0.00	100.00
169.0-170.0	0.0	0.0	182.6	0.00	100.00
170.0-171.0	0.0	0.0	182.6	0.00	100.00
171.0-172.0	0.0	0.0	182.6	0.00	100.00
172.0-173.0	0.0	0.0	182.6	0.00	100.00
173.0-174.0	0.0	0.0	182.6	0.00	100.00
174.0-175.0	0.0	0.0	182.6	0.00	100.00
175.0-176.0	0.0	0.0	182.6	0.00	100.00
176.0-177.0	0.0	0.0	182.6	0.00	100.00
177.0-178.0	0.0	0.0	182.6	0.00	100.00
178.0-179.0	0.0	0.0	182.6	0.00	100.00
179.0-180.0	0.0	0.0	182.6	0.00	100.00

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	360.1	361.1	360.1	361.1	360.1					
G1.0	360.6	362.0	358.2	359.0	360.6					
G2.0	359.3	361.6	355.1	355.7	359.3					
G3.0	356.2	359.8	350.0	350.4	356.2					
G4.0	351.8	356.7	344.2	344.8	351.8					
G5.0	346.4	352.5	337.6	337.8	346.4					
G6.0	338.9	346.5	329.2	328.7	338.9					
G7.0	331.2	340.0	320.5	320.0	331.2					
G8.0	321.7	331.5	310.7	308.9	321.7					
G9.0	311.8	322.9	300.4	297.8	311.8					
G10.0	301.4	313.0	290.0	286.2	301.4					
G11.0	288.6	301.8	277.0	272.1	288.6					
G12.0	276.0	290.1	264.4	258.9	276.0					
G13.0	263.4	277.5	250.9	243.7	263.4					
G14.0	248.1	263.4	236.0	227.8	248.1					
G15.0	234.3	249.9	221.3	213.1	234.3					
G16.0	217.9	233.9	205.6	196.2	217.9					
G17.0	203.4	219.4	190.6	180.9	203.4					
G18.0	188.1	204.1	175.6	166.8	188.1					
G19.0	172.5	187.9	160.4	151.4	172.5					
G20.0	158.1	172.6	146.5	137.9	158.1					
G21.0	144.8	158.4	133.4	125.8	144.8					
G22.0	130.3	142.9	120.4	112.8	130.3					
G23.0	118.3	130.0	108.9	101.8	118.3					
G24.0	106.3	116.9	98.0	90.8	106.3					
G25.0	95.5	105.1	88.2	81.3	95.5					
G26.0	86.1	94.8	79.4	73.1	86.1					
G27.0	76.3	84.0	71.1	64.4	76.3					
G28.0	68.2	75.2	63.9	57.1	68.2					
G29.0	60.8	67.3	57.4	51.1	60.8					
G30.0	54.0	59.4	51.1	45.0	54.0					
G31.0	48.2	52.9	46.0	40.2	48.2					
G32.0	42.8	47.0	40.8	35.5	42.8					
G33.0	38.3	41.9	36.4	31.8	38.3					
G34.0	34.3	37.6	32.6	28.5	34.3					
G35.0	30.4	33.4	28.7	25.5	30.4					
G36.0	27.0	29.9	25.9	23.1	27.0					

C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 8.443 m
Humidity:
Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	24.1	27.1	23.6	20.9	24.1					
G38.0	21.0	24.3	21.5	18.9	21.0					
G39.0	18.9	22.0	19.3	17.2	18.9					
G40.0	16.8	20.0	17.1	15.7	16.8					
G41.0	15.4	18.3	15.5	14.4	15.4					
G42.0	14.5	16.8	14.0	13.0	14.5					
G43.0	13.4	15.4	12.7	11.8	13.4					
G44.0	12.6	14.2	12.0	10.6	12.6					
G45.0	11.5	13.1	11.1	9.5	11.5					
G46.0	10.4	12.0	10.2	8.6	10.4					
G47.0	9.4	10.9	9.3	7.7	9.4					
G48.0	8.3	9.9	8.4	6.9	8.3					
G49.0	7.6	9.1	7.5	6.2	7.6					
G50.0	6.9	8.1	7.1	5.6	6.9					
G51.0	6.6	7.3	6.5	5.2	6.6					
G52.0	6.1	6.5	6.1	4.8	6.1					
G53.0	5.6	5.9	5.6	4.6	5.6					
G54.0	5.1	5.5	5.2	4.3	5.1					
G55.0	4.8	5.1	4.8	4.1	4.8					
G56.0	4.4	4.9	4.5	3.8	4.4					
G57.0	4.1	4.6	4.1	3.6	4.1					
G58.0	3.8	4.4	3.8	3.4	3.8					
G59.0	3.4	4.0	3.4	3.3	3.4					
G60.0	3.2	3.9	3.2	3.2	3.2					
G61.0	3.2	3.6	3.0	3.2	3.2					
G62.0	3.1	3.3	3.0	3.2	3.1					
G63.0	3.1	3.3	3.1	3.2	3.1					
G64.0	3.2	3.2	3.1	3.2	3.2					
G65.0	3.2	3.2	3.0	3.2	3.2					
G66.0	3.2	3.2	3.0	3.2	3.2					
G67.0	3.2	3.3	3.0	3.2	3.2					
G68.0	3.1	3.2	3.0	3.2	3.1					
G69.0	3.2	3.2	3.0	3.2	3.2					
G70.0	3.1	3.3	3.0	3.2	3.1					
G71.0	3.1	3.2	3.0	3.2	3.1					
G72.0	3.1	3.2	3.1	3.1	3.1					
G73.0	3.0	3.3	3.0	3.2	3.0					

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.443 m
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	3.1	3.2	3.0	3.1	3.1					
G75.0	3.1	3.2	2.9	3.2	3.1					
G76.0	3.1	3.3	3.0	3.1	3.1					
G77.0	3.1	3.2	3.0	3.1	3.1					
G78.0	3.0	3.2	3.0	3.2	3.0					
G79.0	3.1	3.2	3.0	3.2	3.1					
G80.0	3.1	3.2	3.0	3.2	3.1					
G81.0	3.0	3.2	3.0	3.2	3.0					
G82.0	3.1	3.2	3.0	3.2	3.1					
G83.0	3.1	3.2	3.0	3.1	3.1					
G84.0	3.1	3.2	3.0	3.1	3.1					
G85.0	3.0	3.2	3.0	3.1	3.0					
G86.0	3.2	3.1	3.0	3.1	3.2					
G87.0	3.1	3.2	3.0	3.1	3.1					
G88.0	3.1	3.2	3.0	3.1	3.1					
G89.0	3.1	3.2	3.0	3.0	3.1					
G90.0	3.1	3.2	2.9	3.1	3.1					
G91.0	3.1	3.1	3.0	3.2	3.1					
G92.0	3.1	3.2	3.0	3.2	3.1					
G93.0	3.1	3.2	3.0	3.2	3.1					
G94.0	3.2	3.2	2.9	3.2	3.2					
G95.0	3.1	3.2	3.0	3.2	3.1					
G96.0	3.2	3.2	3.0	3.1	3.2					
G97.0	3.1	3.2	3.0	3.1	3.1					
G98.0	3.1	3.2	3.0	3.2	3.1					
G99.0	3.1	3.2	2.9	3.2	3.1					
G100.0	3.1	3.3	2.9	3.2	3.1					
G101.0	0.0	0.0	0.0	0.0	0.0					
G102.0	0.0	0.0	0.0	0.0	0.0					
G103.0	0.0	0.0	0.0	0.0	0.0					
G104.0	0.0	0.0	0.0	0.0	0.0					
G105.0	0.0	0.0	0.0	0.0	0.0					
G106.0	0.0	0.0	0.0	0.0	0.0					
G107.0	0.0	0.0	0.0	0.0	0.0					
G108.0	0.0	0.0	0.0	0.0	0.0					
G109.0	0.0	0.0	0.0	0.0	0.0					
G110.0	0.0	0.0	0.0	0.0	0.0					

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.443 m
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	0.0	0.0	0.0	0.0	0.0					
G112.0	0.0	0.0	0.0	0.0	0.0					
G113.0	0.0	0.0	0.0	0.0	0.0					
G114.0	0.0	0.0	0.0	0.0	0.0					
G115.0	0.0	0.0	0.0	0.0	0.0					
G116.0	0.0	0.0	0.0	0.0	0.0					
G117.0	0.0	0.0	0.0	0.0	0.0					
G118.0	0.0	0.0	0.0	0.0	0.0					
G119.0	0.0	0.0	0.0	0.0	0.0					
G120.0	0.0	0.0	0.0	0.0	0.0					
G121.0	0.0	0.0	0.0	0.0	0.0					
G122.0	0.0	0.0	0.0	0.0	0.0					
G123.0	0.0	0.0	0.0	0.0	0.0					
G124.0	0.0	0.0	0.0	0.0	0.0					
G125.0	0.0	0.0	0.0	0.0	0.0					
G126.0	0.0	0.0	0.0	0.0	0.0					
G127.0	0.0	0.0	0.0	0.0	0.0					
G128.0	0.0	0.0	0.0	0.0	0.0					
G129.0	0.0	0.0	0.0	0.0	0.0					
G130.0	0.0	0.0	0.0	0.0	0.0					
G131.0	0.0	0.0	0.0	0.0	0.0					
G132.0	0.0	0.0	0.0	0.0	0.0					
G133.0	0.0	0.0	0.0	0.0	0.0					
G134.0	0.0	0.0	0.0	0.0	0.0					
G135.0	0.0	0.0	0.0	0.0	0.0					
G136.0	0.0	0.0	0.0	0.0	0.0					
G137.0	0.0	0.0	0.0	0.0	0.0					
G138.0	0.0	0.0	0.0	0.0	0.0					
G139.0	0.0	0.0	0.0	0.0	0.0					
G140.0	0.0	0.0	0.0	0.0	0.0					
G141.0	0.0	0.0	0.0	0.0	0.0					
G142.0	0.0	0.0	0.0	0.0	0.0					
G143.0	0.0	0.0	0.0	0.0	0.0					
G144.0	0.0	0.0	0.0	0.0	0.0					
G145.0	0.0	0.0	0.0	0.0	0.0					
G146.0	0.0	0.0	0.0	0.0	0.0					
G147.0	0.0	0.0	0.0	0.0	0.0					

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.443 m
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	0.0	0.0	0.0	0.0	0.0					
G149.0	0.0	0.0	0.0	0.0	0.0					
G150.0	0.0	0.0	0.0	0.0	0.0					
G151.0	0.0	0.0	0.0	0.0	0.0					
G152.0	0.0	0.0	0.0	0.0	0.0					
G153.0	0.0	0.0	0.0	0.0	0.0					
G154.0	0.0	0.0	0.0	0.0	0.0					
G155.0	0.0	0.0	0.0	0.0	0.0					
G156.0	0.0	0.0	0.0	0.0	0.0					
G157.0	0.0	0.0	0.0	0.0	0.0					
G158.0	0.0	0.0	0.0	0.0	0.0					
G159.0	0.0	0.0	0.0	0.0	0.0					
G160.0	0.0	0.0	0.0	0.0	0.0					
G161.0	0.0	0.0	0.0	0.0	0.0					
G162.0	0.0	0.0	0.0	0.0	0.0					
G163.0	0.0	0.0	0.0	0.0	0.0					
G164.0	0.0	0.0	0.0	0.0	0.0					
G165.0	0.0	0.0	0.0	0.0	0.0					
G166.0	0.0	0.0	0.0	0.0	0.0					
G167.0	0.0	0.0	0.0	0.0	0.0					
G168.0	0.0	0.0	0.0	0.0	0.0					
G169.0	0.0	0.0	0.0	0.0	0.0					
G170.0	0.0	0.0	0.0	0.0	0.0					
G171.0	0.0	0.0	0.0	0.0	0.0					
G172.0	0.0	0.0	0.0	0.0	0.0					
G173.0	0.0	0.0	0.0	0.0	0.0					
G174.0	0.0	0.0	0.0	0.0	0.0					
G175.0	0.0	0.0	0.0	0.0	0.0					
G176.0	0.0	0.0	0.0	0.0	0.0					
G177.0	0.0	0.0	0.0	0.0	0.0					
G178.0	0.0	0.0	0.0	0.0	0.0					
G179.0	0.0	0.0	0.0	0.0	0.0					
G180.0	0.0	0.0	0.0	0.0	0.0					

C Plane (°):0.0-360.0: 90.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 8.443 m
 Humidity:
 Inspector: