

Test Time: 2025-07-17 09:04

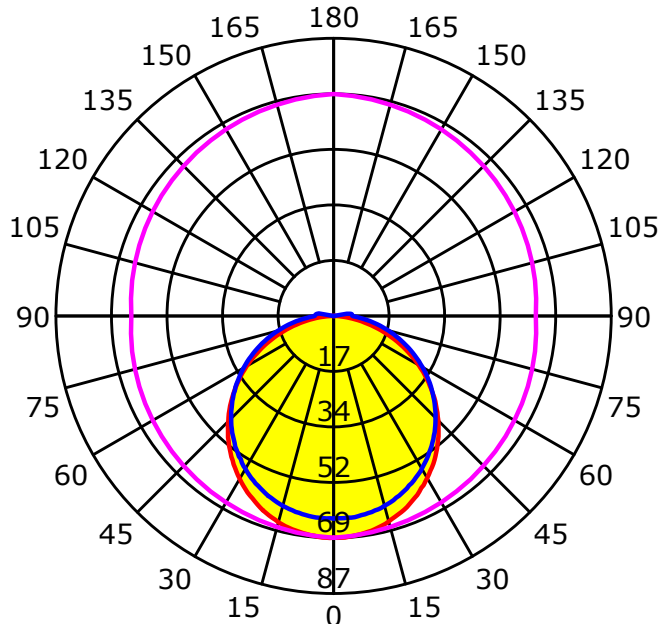
Luminaire Manufacturer: NORDECOR
Luminaire Description: 6923
Luminous Width (mm): 10
Current: 0.079 A
Power Factor: 1.000

Luminous Length (mm): 230
Voltage: 48.0 V
Power: 3.79 W

CIE Class: Direct
Measurement Flux: 208.4 lm
Downward Ratio: 98%
Horizontal Diffuse Angle(10%,50%,80%
Vertical Diffuse Angle(10%,50%,80%,1
Luminaire Efficacy Rating (LER): 55.05
Max. Intensity: 69.96 cd
S/MH(C0/C180): 1.26

Total Rated Lamp Lumens: 208.4 lm
Efficiency: 100%
Upward Ratio: 2%
0%): H162.5,H113.4,H68.8,H3
): V177.8,V121.3,V74.9,V2
Central Intensity: 69.84 cd
Pos of Max. Intensity: H180 V1
S/MH(C90/C270): 1.29

Luminous Intensity Distribution Curve

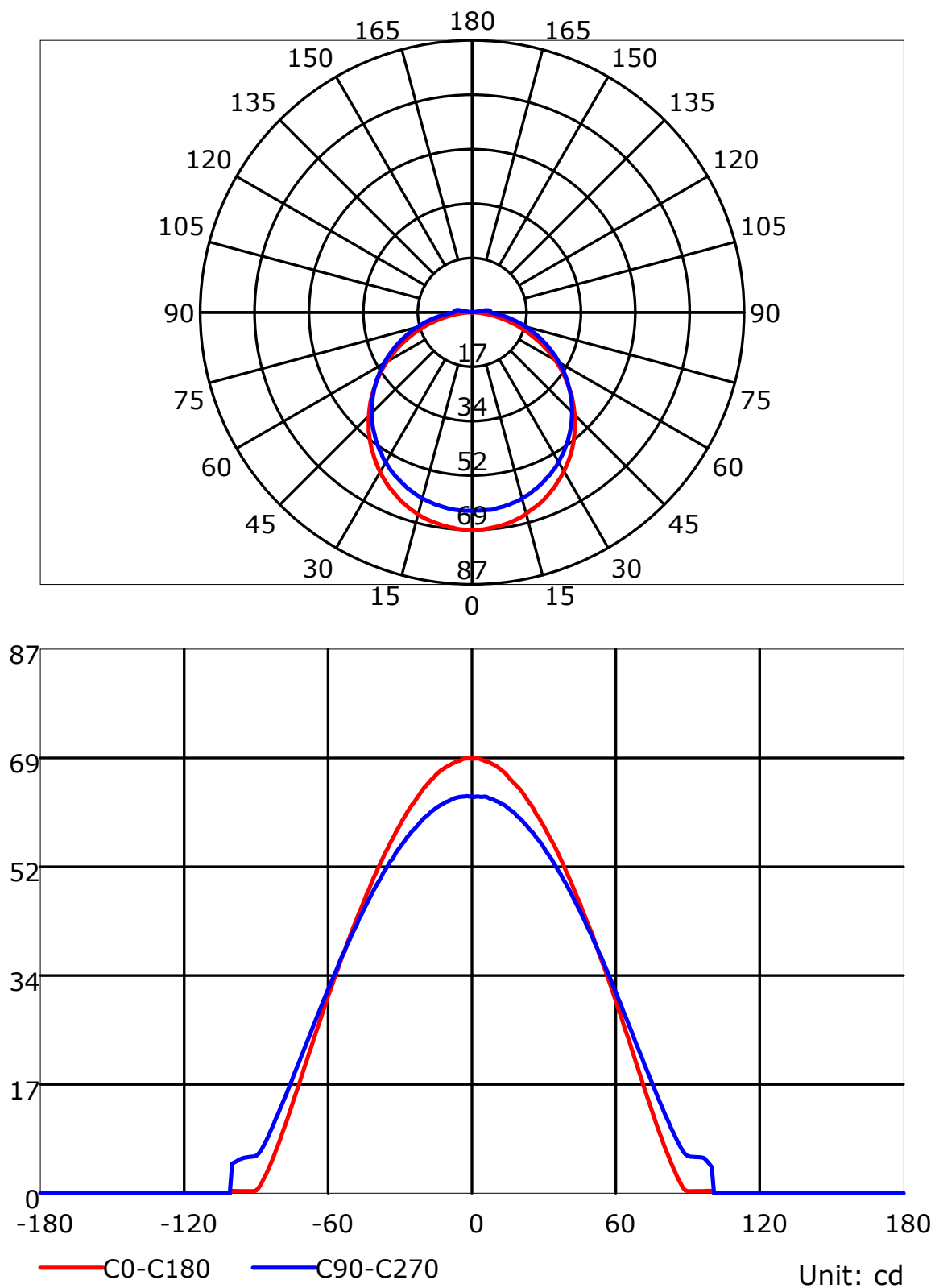


Average Diffuse Angle(50%): 117.3°

— C0-C180 — C90-C270 — G1

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

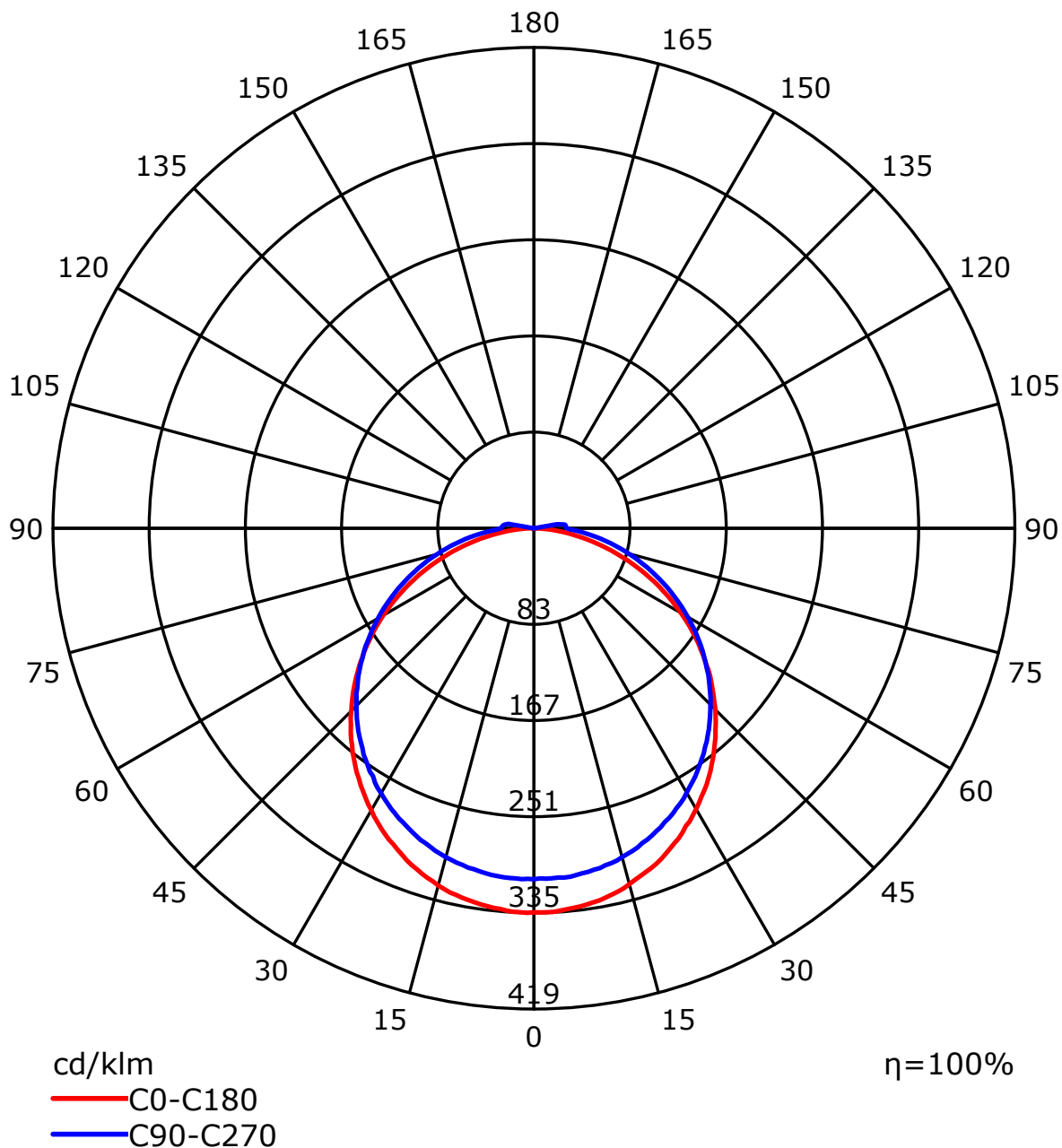
Luminous Intensity Distribution Curve



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)



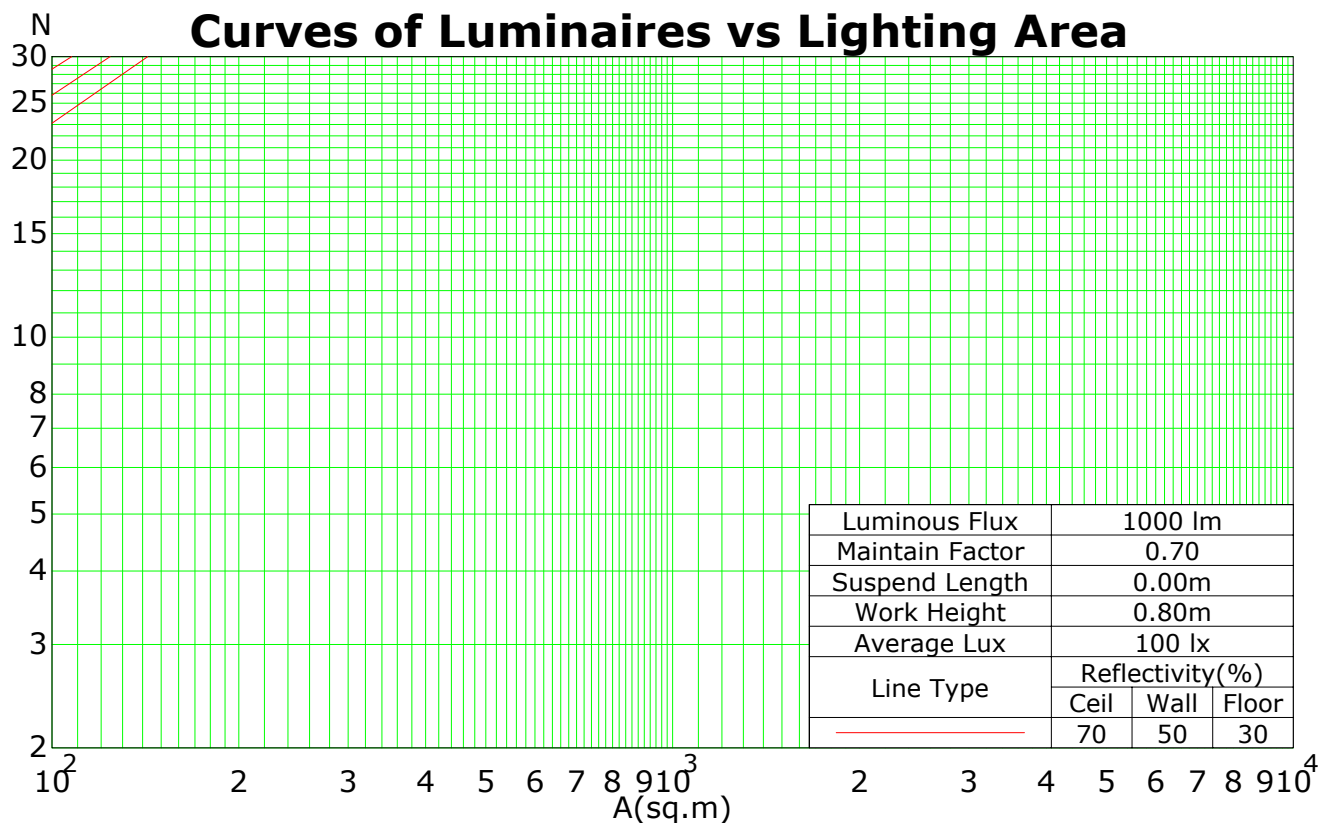
C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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	101	101	101	98
1	107	102	98	93	105	100	96	92	95	92	89	91	88	86	87	85	83	80
2	97	89	81	75	94	87	80	74	83	77	72	79	74	70	76	72	69	66
3	88	77	69	62	86	76	68	61	72	66	60	69	64	59	67	62	58	55
4	81	68	59	52	78	67	58	52	64	57	51	62	55	50	59	54	49	47
5	74	61	52	45	72	60	51	45	57	50	44	55	48	43	53	47	43	40
6	68	55	46	39	66	54	45	39	52	44	38	50	43	38	48	42	37	35
7	63	50	41	34	62	49	40	34	47	39	34	45	39	33	44	38	33	31
8	59	45	37	31	57	44	36	30	43	35	30	42	35	30	40	34	30	28
9	55	41	33	27	54	41	33	27	39	32	27	38	32	27	37	31	27	25
10	52	38	30	25	50	38	30	25	37	29	25	35	29	24	34	28	24	22

Spacing Criteria (0-180): 1.26
Spacing Criteria (90-270): 1.29
Spacing Criteria (Diagonal): 1.37



C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

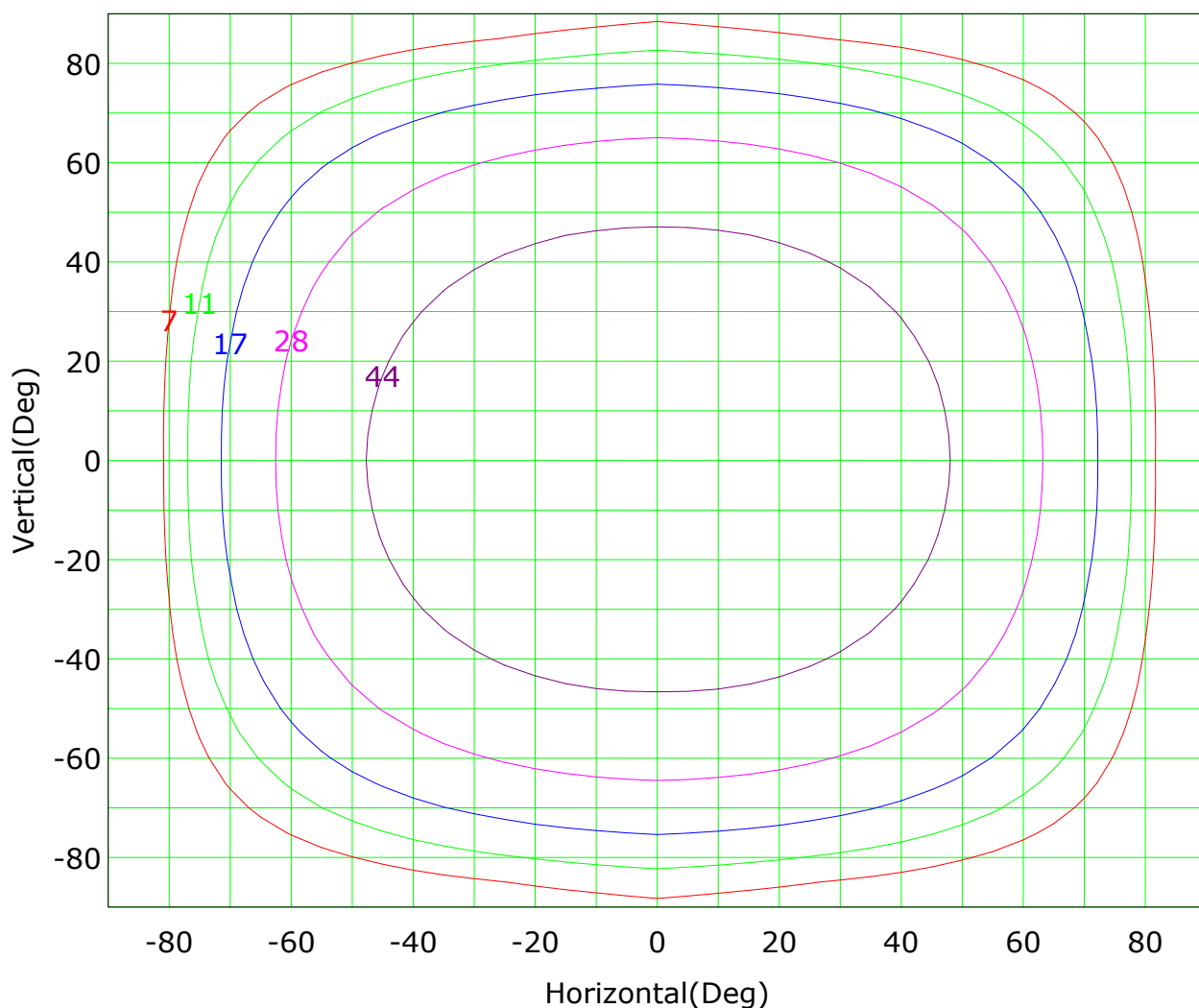
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 70 cd

(10%):	7 cd	(16%):	11 cd
(25%):	17 cd	(40%):	28 cd
(63%):	44 cd	(100%):	70 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

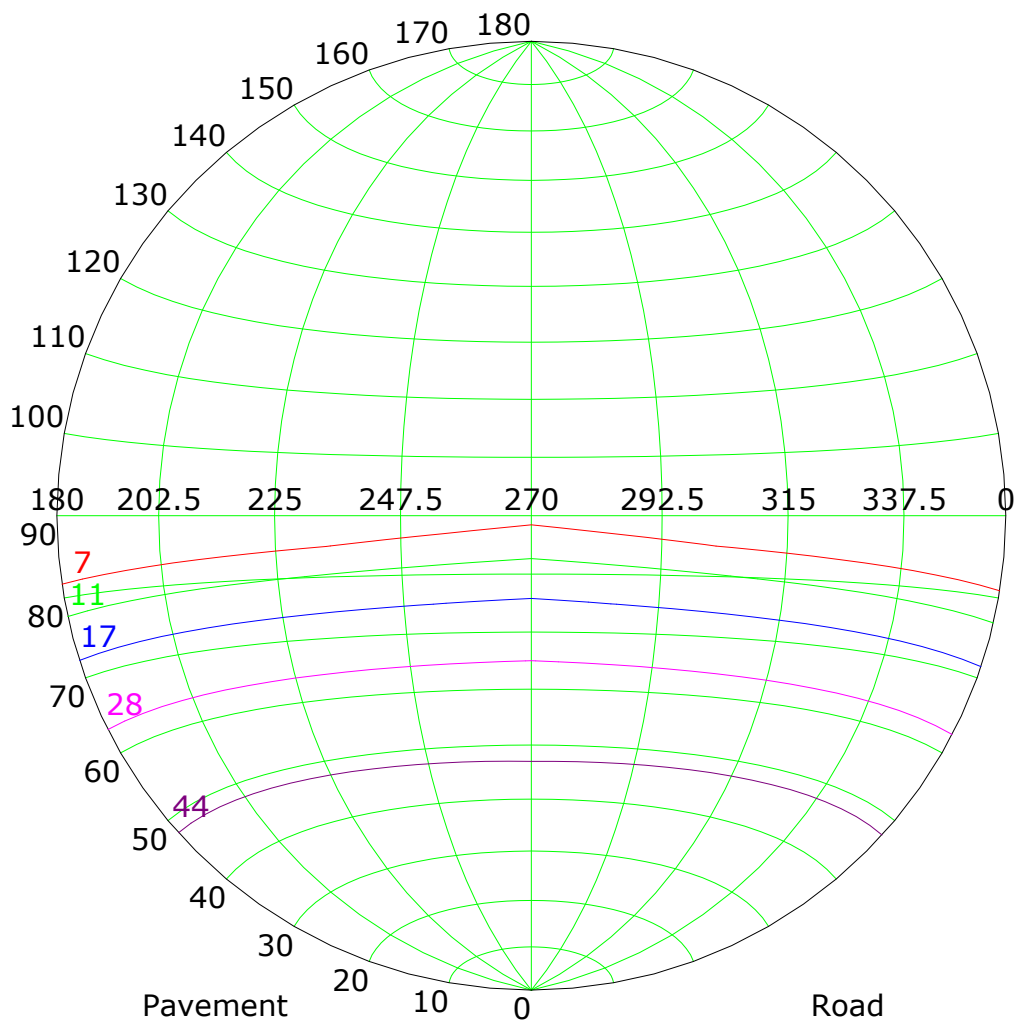
Test Device: GPM-1600L

Distance: 8.443 m

Humidity:

Inspector:

Isocandela (sphere)



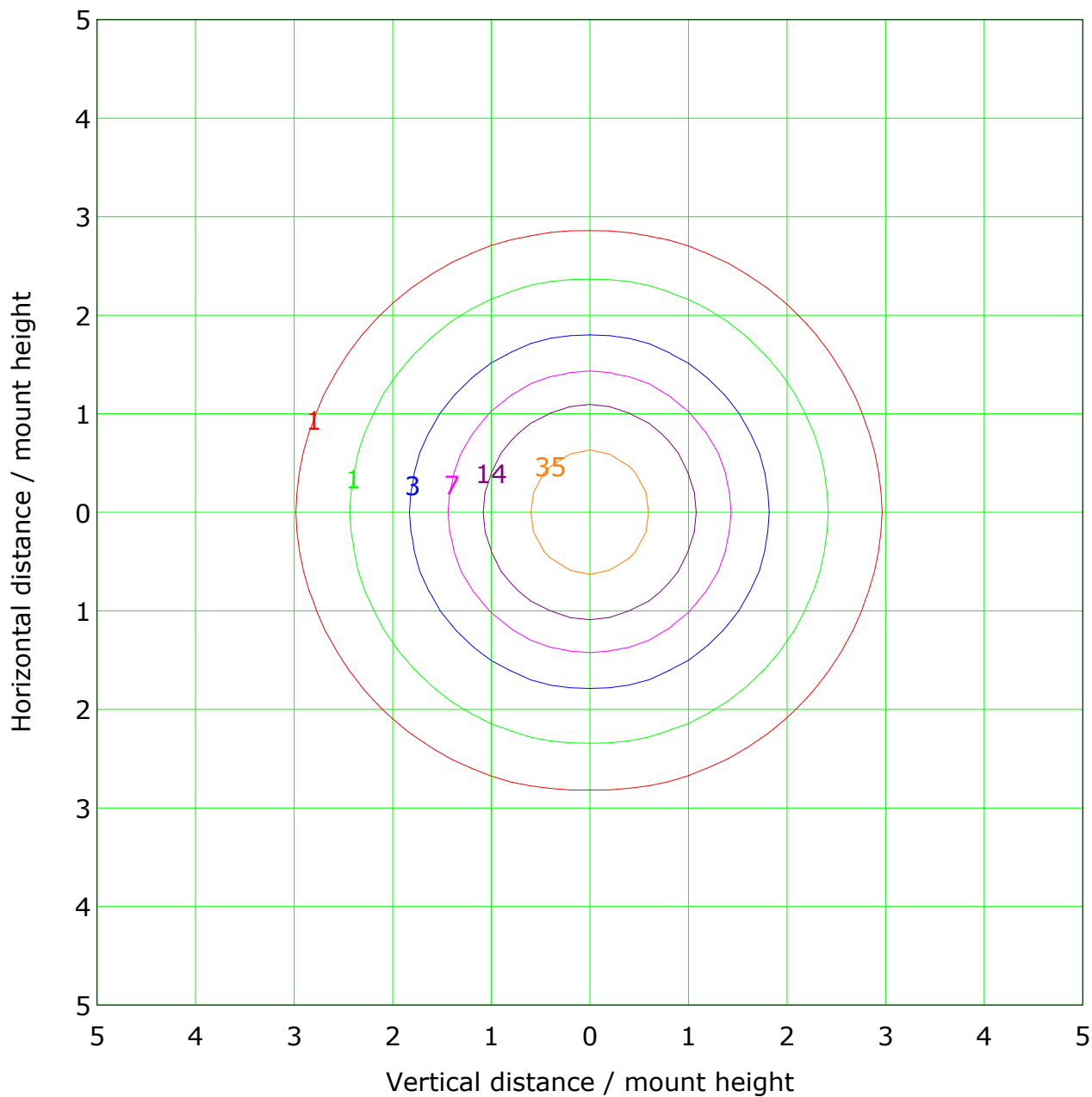
Imax (100%): 70 cd

(10%):	7 cd	(16%):	11 cd
(25%):	17 cd	(40%):	28 cd
(63%):	44 cd	(100%):	70 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



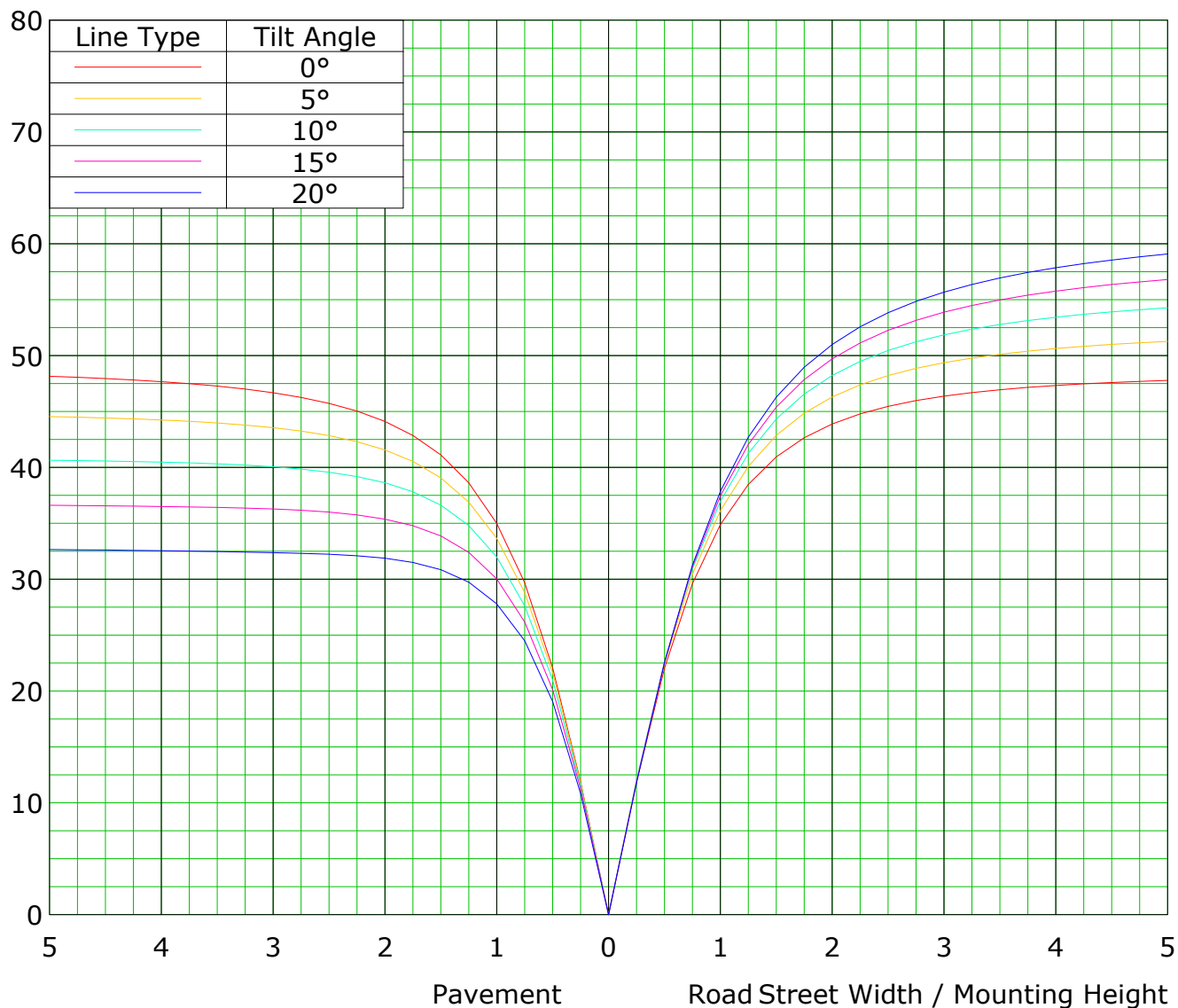
Mounting Height: 1.0m		Max Lux(100%): 69.9 lx
(1%):	0.7 lx	(2%): 1.4 lx
(5%):	3.5 lx	(10%): 7.0 lx
(20%):	14.0 lx	(50%): 35.0 lx
(100%):	69.9 lx	

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(%)

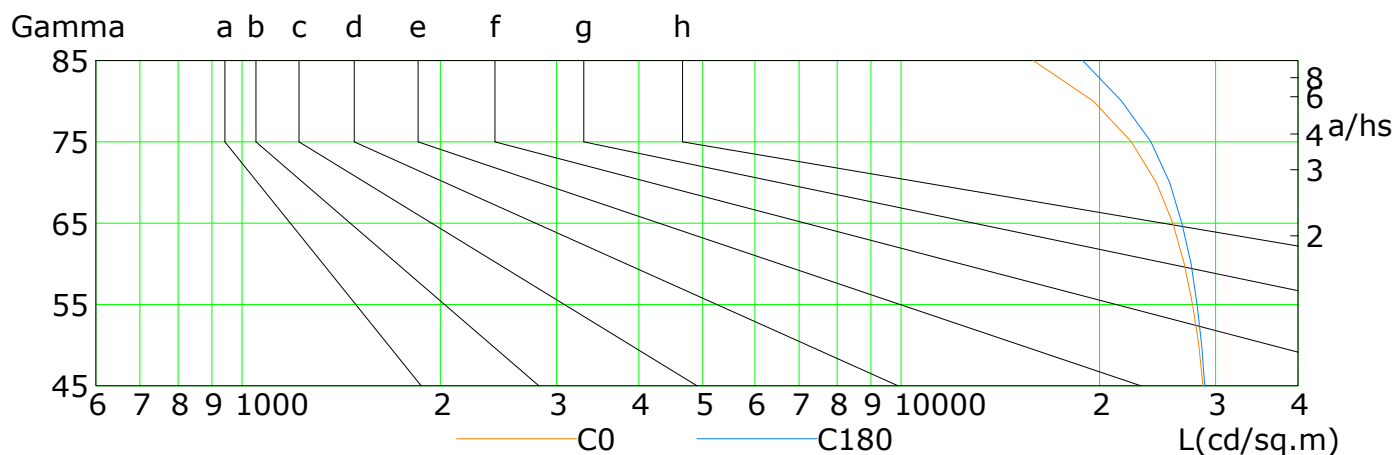
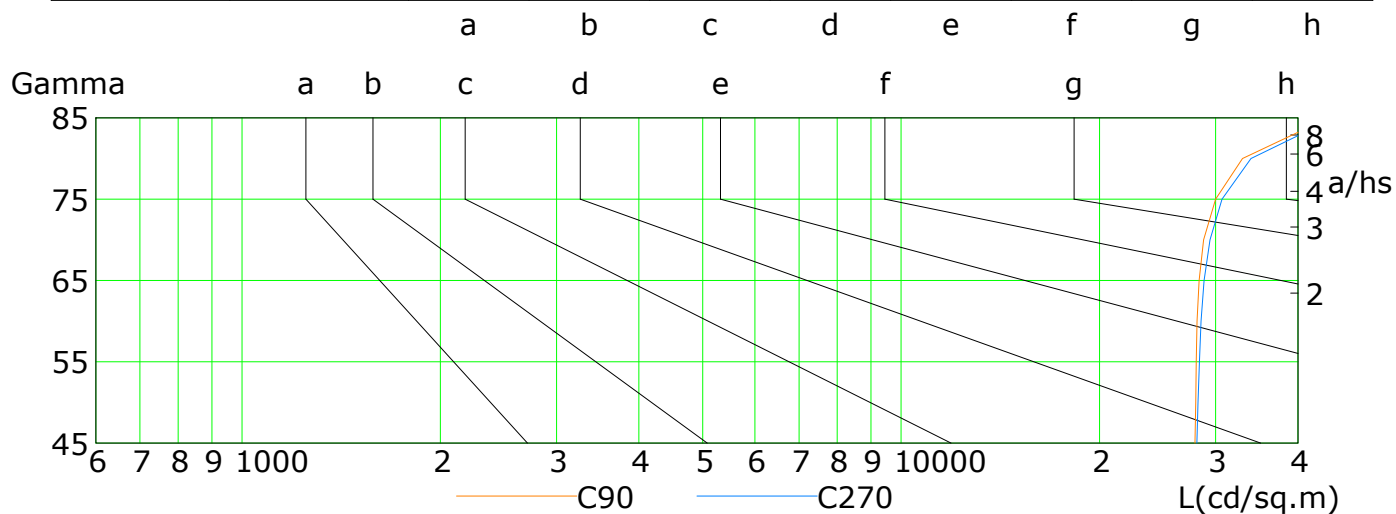


C Plane (°):0.0-360.0: 90.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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)							
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



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	28702	28294	27675	26887	25843	24382	22359	19580	15864
C90	27909	27983	28039	28113	28312	28768	30002	32950	44498
C180	28875	28571	28107	27539	26656	25552	23938	21608	18857
C270	28094	28213	28358	28513	28816	29416	30674	33952	45446

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

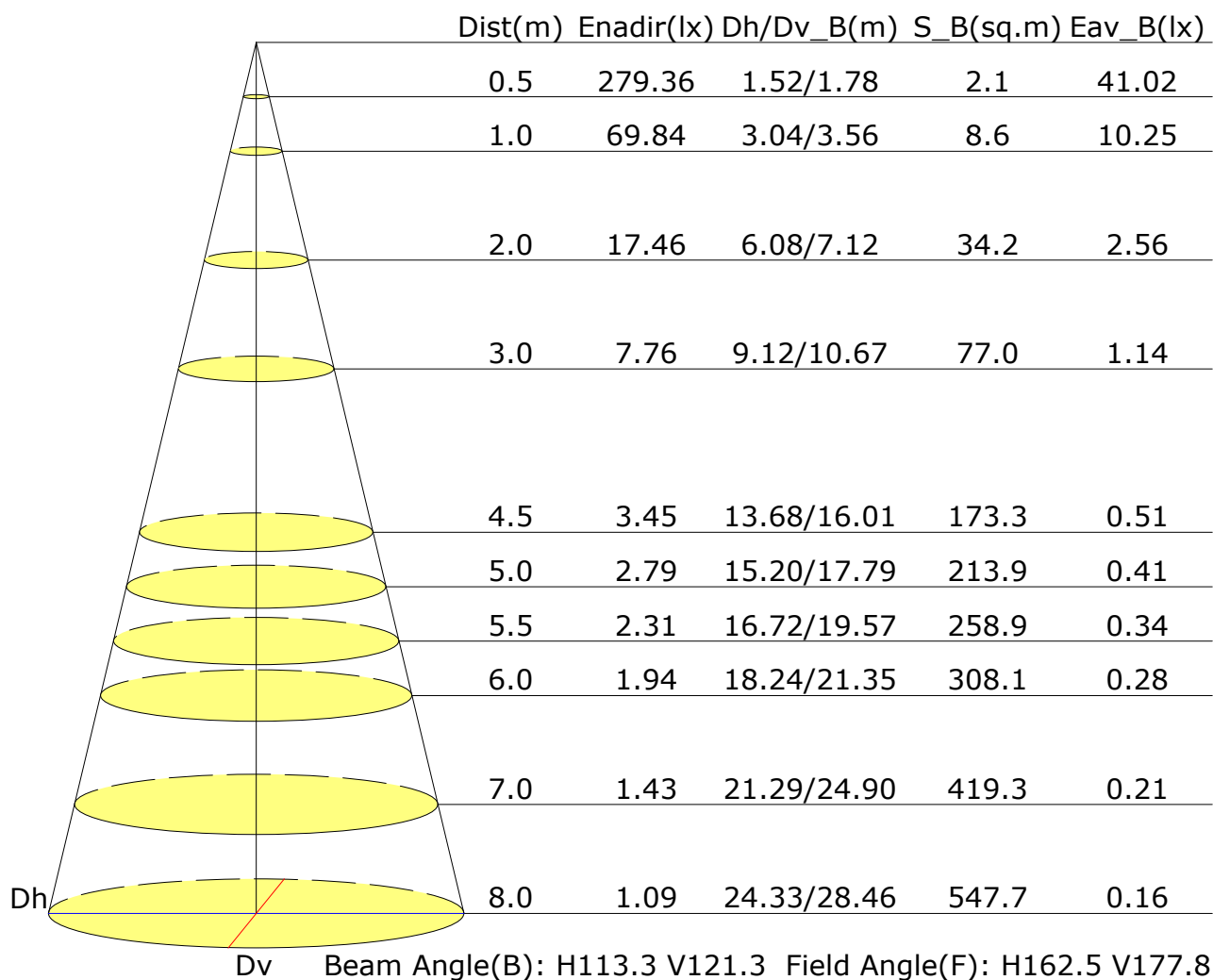
Test Device: GPM-1600L

Distance: 8.443 m

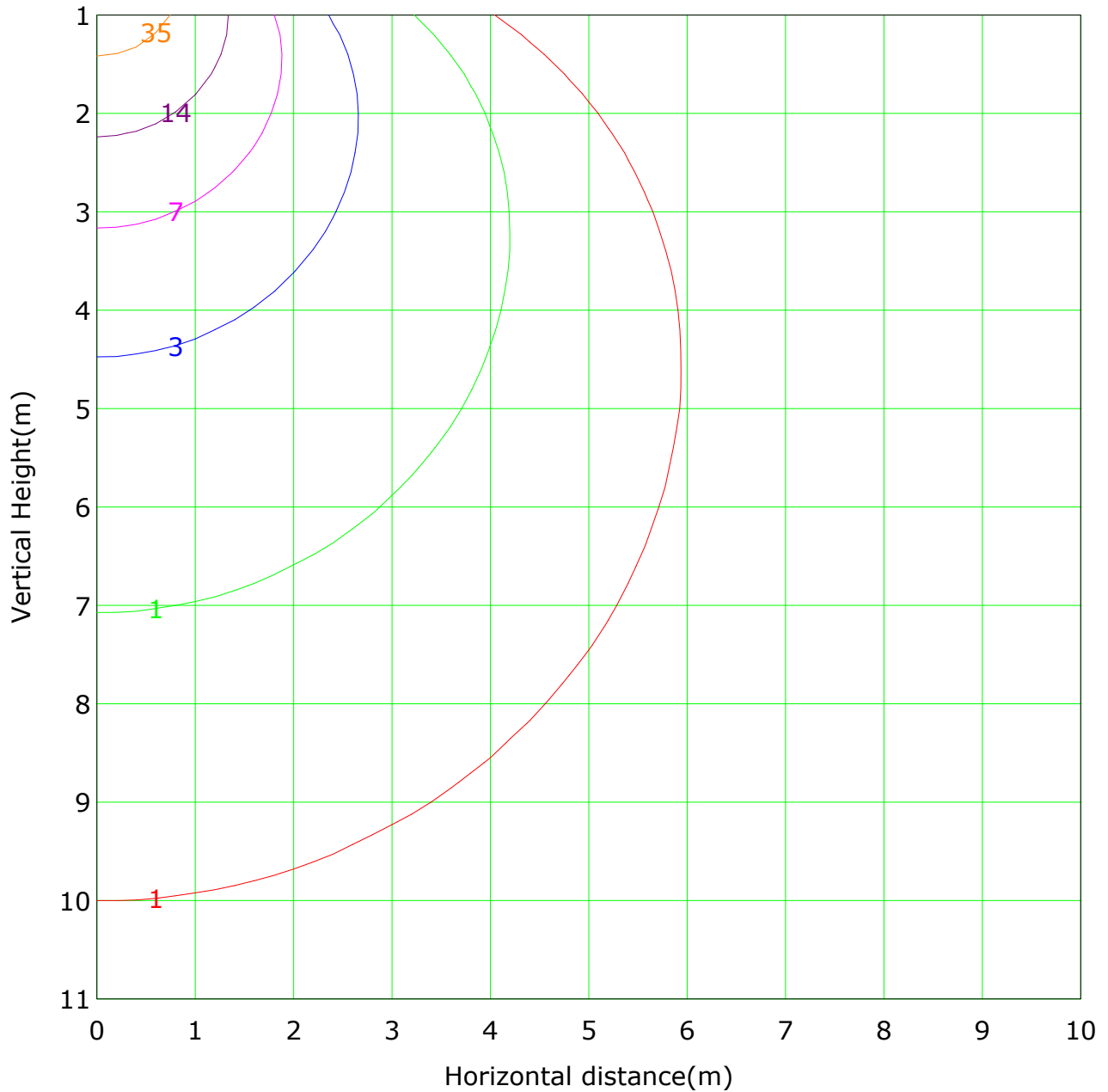
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 69.8 lx

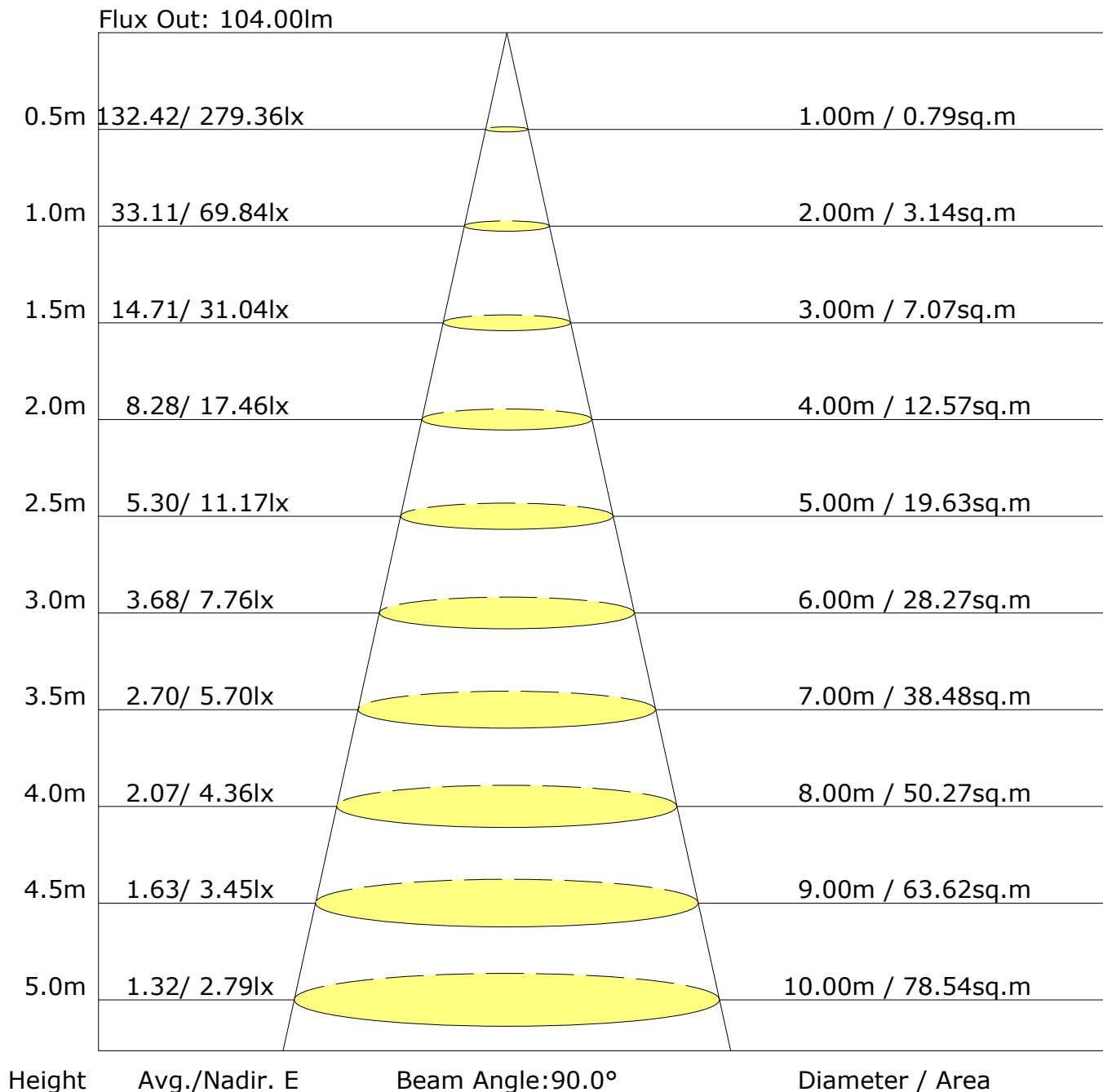
(1%): 0.7 lx	(2%): 1.4 lx
(5%): 3.5 lx	(10%): 7.0 lx
(20%): 14.0 lx	(50%): 34.9 lx
(100%): 69.8 lx	

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:

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	24.0	25.4	24.3	25.7	26.0	24.1	25.6	24.5	25.8	26.1
3H	25.6	26.9	26.0	27.2	27.5	26.0	27.3	26.4	27.6	27.9
4H	26.2	27.5	26.6	27.8	28.1	26.9	28.1	27.3	28.4	28.8
6H	26.7	27.8	27.1	28.2	28.5	27.7	28.9	28.1	29.2	29.6
8H	26.8	27.9	27.2	28.3	28.7	28.1	29.2	28.5	29.6	29.9
12H	26.9	28.0	27.3	28.3	28.7	28.5	29.6	28.9	29.9	30.3
X=4H Y=2H	24.8	26.0	25.1	26.3	26.6	24.9	26.1	25.2	26.4	26.7
3H	26.6	27.6	27.0	28.0	28.4	26.9	28.0	27.3	28.3	28.7
4H	27.3	28.3	27.8	28.7	29.1	27.9	28.9	28.4	29.3	29.7
6H	27.9	28.8	28.4	29.2	29.6	28.9	29.8	29.4	30.2	30.6
8H	28.1	28.9	28.6	29.3	29.8	29.4	30.2	29.9	30.6	31.1
12H	28.3	29.0	28.7	29.4	29.9	29.9	30.6	30.4	31.0	31.5
X=8H Y=4H	27.7	28.5	28.2	29.0	29.4	28.3	29.1	28.7	29.5	29.9
6H	28.5	29.2	29.0	29.6	30.1	29.4	30.1	29.9	30.5	31.0
8H	28.8	29.4	29.3	29.9	30.4	30.1	30.6	30.6	31.1	31.6
12H	29.1	29.6	29.6	30.1	30.6	30.7	31.2	31.2	31.7	32.2
X=12H Y=4H	27.8	28.5	28.3	29.0	29.4	28.3	29.0	28.8	29.5	29.9
6H	28.7	29.2	29.2	29.7	30.2	29.5	30.1	30.0	30.6	31.1
8H	29.0	29.5	29.6	30.0	30.6	30.2	30.7	30.7	31.2	31.7
Variations with the observer position at spacings:										
S=1.0H	+0.2/-0.1					+0.2/-0.2				
S=1.5H	+0.4/-0.4					+0.4/-0.4				
S=2.0H	+0.5/-0.8					+0.5/-0.7				

Calculate in accordance with CIE Pub.117. The table is revised with 208lm ($8\log(F/F_0) = -5.4$).

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

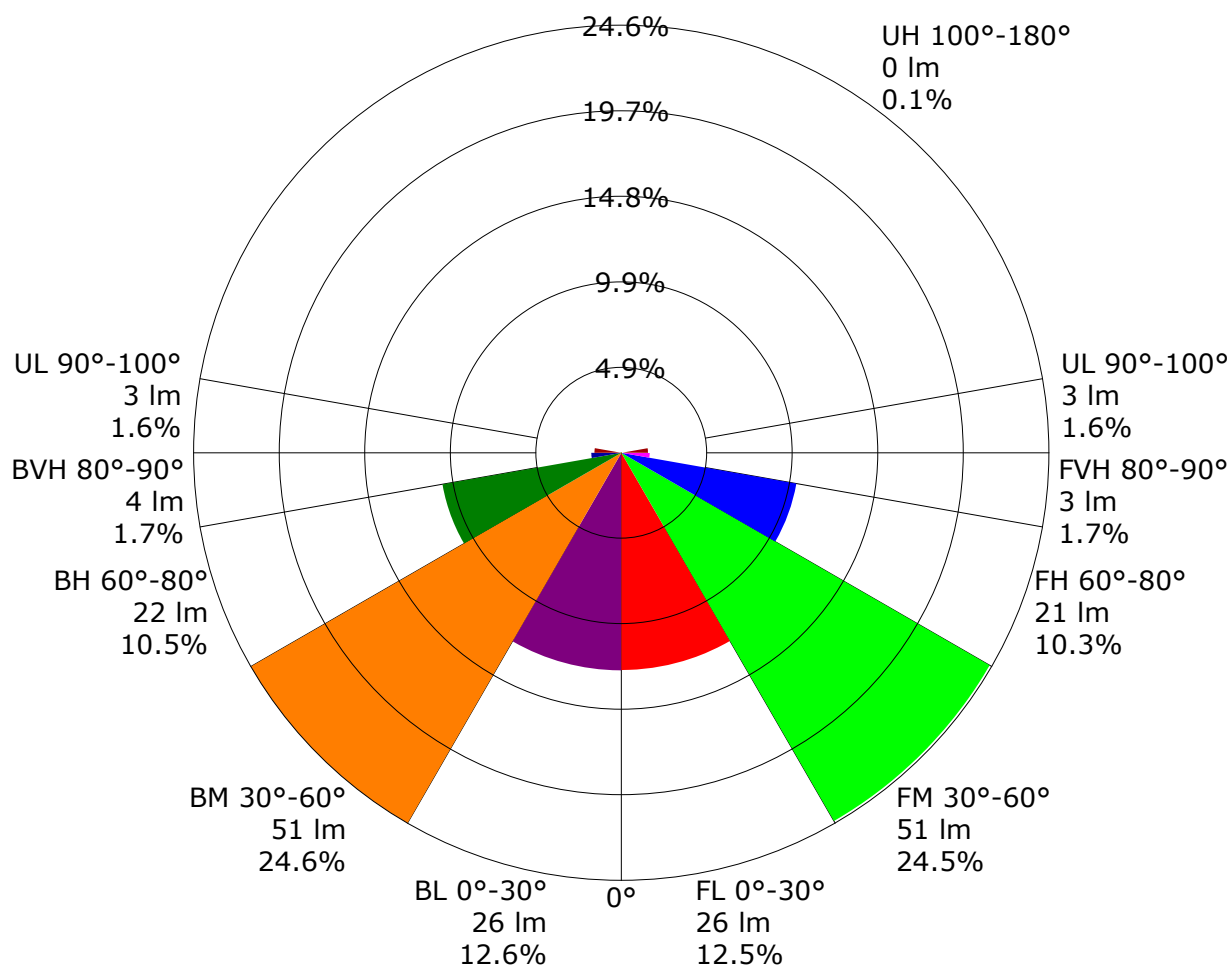
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	102	49.0
	FL (0°-30°)	26	12.5
	FM (30°-60°)	51	24.5
	FH (60°-80°)	21	10.3
	FVH (80°-90°)	3	1.7
	BACK LIGHT	103	49.4
	BL (0°-30°)	26	12.6
	BM (30°-60°)	51	24.6
	BH (60°-80°)	22	10.5
	BVH (80°-90°)	4	1.7
	UP LIGHT	3	1.6
	UL (90°-100°)	3	1.6
	UH (100°-180°)	0	0.1
	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



Back Light

Forward Light

Scale= MAX LCS%

Trapped Light:NA,NA

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.25									
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	0.54	0.64	0.72	0.77	0.85	0.90	0.93	0.98	1.01	
	0.30		0.46	0.56	0.64	0.70	0.78	0.84	0.88	0.94	0.98	
	0.20		0.40	0.50	0.58	0.64	0.73	0.79	0.83	0.90	0.94	
0.50	0.50	0.20	0.52	0.62	0.69	0.74	0.81	0.86	0.89	0.94	0.97	
	0.30		0.45	0.55	0.62	0.68	0.76	0.81	0.85	0.90	0.94	
	0.20		0.40	0.50	0.57	0.63	0.71	0.77	0.81	0.87	0.91	
0.30	0.50	0.20	0.51	0.60	0.67	0.71	0.78	0.83	0.86	0.90	0.93	
	0.30		0.44	0.54	0.61	0.66	0.73	0.78	0.82	0.87	0.90	
	0.20		0.39	0.49	0.56	0.62	0.69	0.75	0.79	0.84	0.88	
0.00	0.00	0.00	0.37	0.46	0.53	0.58	0.66	0.71	0.74	0.79	0.83	
Rating:4W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.25									
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	1.03	0.86	0.73	0.64	0.52	0.43	0.37	0.29	0.24	
	0.30		0.86	0.73	0.64	0.57	0.47	0.40	0.34	0.27	0.23	
	0.20		0.74	0.64	0.57	0.51	0.43	0.37	0.32	0.26	0.22	
0.50	0.50	0.20	0.99	0.82	0.70	0.61	0.49	0.44	0.35	0.28	0.23	
	0.30		0.84	0.71	0.62	0.55	0.45	0.38	0.33	0.26	0.22	
	0.20		0.73	0.63	0.56	0.50	0.42	0.36	0.31	0.25	0.21	
0.30	0.50	0.20	0.96	0.79	0.67	0.59	0.47	0.39	0.34	0.26	0.22	
	0.30		0.82	0.69	0.60	0.53	0.44	0.37	0.32	0.25	0.21	
	0.20		0.72	0.62	0.55	0.49	0.41	0.35	0.30	0.24	0.20	
0.00	0.00	0.00	0.62	0.52	0.45	0.40	0.33	0.28	0.24	0.19	0.16	
Rating:4W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.25									
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	0.18	0.19	0.20	0.21	0.22	0.22	0.23	0.23	0.24	
	0.30		0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	0.21	
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.17	0.18	
0.50	0.50	0.20	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.22	0.23	
	0.30		0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	0.20	
	0.20		0.06	0.08	0.09	0.10	0.12	0.14	0.15	0.16	0.17	
0.30	0.50	0.20	0.17	0.18	0.19	0.19	0.20	0.21	0.21	0.21	0.22	
	0.30		0.11	0.12	0.13	0.14	0.16	0.17	0.17	0.19	0.19	
	0.20		0.06	0.07	0.09	0.10	0.12	0.13	0.14	0.16	0.17	
0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	
Rating:4W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	66.8	0.1	0.1	0.03	0.03
1.0-2.0	66.8	0.2	0.3	0.09	0.12
2.0-3.0	66.8	0.3	0.6	0.15	0.28
3.0-4.0	66.8	0.4	1.0	0.21	0.49
4.0-5.0	66.7	0.6	1.6	0.28	0.77
5.0-6.0	66.6	0.7	2.3	0.34	1.10
6.0-7.0	66.5	0.8	3.1	0.40	1.50
7.0-8.0	66.3	0.9	4.1	0.46	1.95
8.0-9.0	66.1	1.1	5.1	0.51	2.47
9.0-10.0	66.0	1.2	6.3	0.57	3.04
10.0-11.0	65.8	1.3	7.7	0.63	3.67
11.0-12.0	65.5	1.4	9.1	0.69	4.36
12.0-13.0	65.3	1.5	10.6	0.74	5.10
13.0-14.0	65.0	1.7	12.3	0.80	5.90
14.0-15.0	64.7	1.8	14.1	0.85	6.75
15.0-16.0	64.3	1.9	16.0	0.90	7.66
16.0-17.0	64.0	2.0	18.0	0.96	8.61
17.0-18.0	63.6	2.1	20.1	1.01	9.62
18.0-19.0	63.2	2.2	22.3	1.06	10.68
19.0-20.0	62.9	2.3	24.6	1.10	11.78
20.0-21.0	62.4	2.4	27.0	1.15	12.93
21.0-22.0	62.0	2.5	29.4	1.19	14.12
22.0-23.0	61.5	2.6	32.0	1.24	15.36
23.0-24.0	60.9	2.7	34.7	1.28	16.64
24.0-25.0	60.5	2.7	37.4	1.32	17.96
25.0-26.0	60.0	2.8	40.3	1.36	19.32
26.0-27.0	59.4	2.9	43.2	1.39	20.71
27.0-28.0	58.8	3.0	46.2	1.43	22.14
28.0-29.0	58.3	3.0	49.2	1.46	23.61
29.0-30.0	57.7	3.1	52.3	1.49	25.10
30.0-31.0	57.0	3.2	55.5	1.52	26.62
31.0-32.0	56.4	3.2	58.7	1.55	28.17
32.0-33.0	55.7	3.3	62.0	1.58	29.75
33.0-34.0	55.1	3.3	65.3	1.60	31.35
34.0-35.0	54.4	3.4	68.7	1.62	32.97
35.0-36.0	53.7	3.4	72.1	1.64	34.61

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	53.0	3.5	75.6	1.66	36.27
37.0-38.0	52.2	3.5	79.1	1.67	37.94
38.0-39.0	51.5	3.5	82.6	1.69	39.63
39.0-40.0	50.7	3.5	86.1	1.70	41.32
40.0-41.0	49.9	3.6	89.7	1.71	43.03
41.0-42.0	49.1	3.6	93.3	1.71	44.74
42.0-43.0	48.3	3.6	96.8	1.72	46.46
43.0-44.0	47.5	3.6	100.4	1.72	48.18
44.0-45.0	46.6	3.6	104.0	1.72	49.90
45.0-46.0	45.7	3.6	107.6	1.72	51.61
46.0-47.0	44.9	3.6	111.2	1.71	53.33
47.0-48.0	44.0	3.6	114.7	1.71	55.03
48.0-49.0	43.1	3.5	118.2	1.70	56.73
49.0-50.0	42.2	3.5	121.8	1.69	58.42
50.0-51.0	41.3	3.5	125.3	1.68	60.10
51.0-52.0	40.3	3.5	128.7	1.66	61.76
52.0-53.0	39.4	3.4	132.1	1.64	63.40
53.0-54.0	38.4	3.4	135.5	1.62	65.02
54.0-55.0	37.5	3.3	138.9	1.61	66.63
55.0-56.0	36.5	3.3	142.2	1.58	68.21
56.0-57.0	35.5	3.2	145.4	1.56	69.76
57.0-58.0	34.5	3.2	148.6	1.53	71.29
58.0-59.0	33.5	3.1	151.7	1.50	72.80
59.0-60.0	32.4	3.1	154.8	1.47	74.27
60.0-61.0	31.4	3.0	157.8	1.44	75.70
61.0-62.0	30.3	2.9	160.7	1.40	77.11
62.0-63.0	29.3	2.9	163.6	1.37	78.47
63.0-64.0	28.2	2.8	166.3	1.33	79.80
64.0-65.0	27.2	2.7	169.0	1.29	81.09
65.0-66.0	26.1	2.6	171.6	1.25	82.34
66.0-67.0	25.0	2.5	174.1	1.21	83.55
67.0-68.0	24.0	2.4	176.6	1.16	84.71
68.0-69.0	22.9	2.3	178.9	1.12	85.83
69.0-70.0	21.8	2.2	181.1	1.07	86.91
70.0-71.0	20.7	2.1	183.3	1.03	87.94
71.0-72.0	19.6	2.0	185.3	0.98	88.92

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	18.6	1.9	187.3	0.93	89.85
73.0-74.0	17.6	1.8	189.1	0.89	90.73
74.0-75.0	16.5	1.7	190.9	0.84	91.57
75.0-76.0	15.4	1.6	192.5	0.78	92.35
76.0-77.0	14.4	1.5	194.0	0.73	93.09
77.0-78.0	13.3	1.4	195.5	0.68	93.77
78.0-79.0	12.3	1.3	196.8	0.64	94.41
79.0-80.0	11.3	1.2	198.0	0.59	94.99
80.0-81.0	10.3	1.1	199.1	0.54	95.53
81.0-82.0	9.4	1.0	200.1	0.49	96.02
82.0-83.0	8.5	0.9	201.1	0.44	96.46
83.0-84.0	7.6	0.8	201.9	0.40	96.86
84.0-85.0	6.7	0.7	202.6	0.35	97.21
85.0-86.0	5.8	0.6	203.3	0.31	97.52
86.0-87.0	5.1	0.6	203.8	0.27	97.78
87.0-88.0	4.4	0.5	204.3	0.23	98.01
88.0-89.0	3.8	0.4	204.7	0.20	98.21
89.0-90.0	3.4	0.4	205.1	0.18	98.39
90.0-91.0	3.2	0.3	205.4	0.17	98.55
91.0-92.0	3.1	0.3	205.8	0.16	98.72
92.0-93.0	3.1	0.3	206.1	0.16	98.88
93.0-94.0	3.1	0.3	206.4	0.16	99.04
94.0-95.0	3.1	0.3	206.8	0.16	99.20
95.0-96.0	3.0	0.3	207.1	0.16	99.36
96.0-97.0	3.0	0.3	207.4	0.16	99.52
97.0-98.0	2.9	0.3	207.7	0.15	99.66
98.0-99.0	2.7	0.3	208.0	0.14	99.81
99.0-100.0	2.5	0.3	208.3	0.13	99.94
100.0-101.0	1.2	0.1	208.4	0.06	100.00
101.0-102.0	0.0	0.0	208.4	0.00	100.00
102.0-103.0	0.0	0.0	208.4	0.00	100.00
103.0-104.0	0.0	0.0	208.4	0.00	100.00
104.0-105.0	0.0	0.0	208.4	0.00	100.00
105.0-106.0	0.0	0.0	208.4	0.00	100.00
106.0-107.0	0.0	0.0	208.4	0.00	100.00
107.0-108.0	0.0	0.0	208.4	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	208.4	0.00	100.00
109.0-110.0	0.0	0.0	208.4	0.00	100.00
110.0-111.0	0.0	0.0	208.4	0.00	100.00
111.0-112.0	0.0	0.0	208.4	0.00	100.00
112.0-113.0	0.0	0.0	208.4	0.00	100.00
113.0-114.0	0.0	0.0	208.4	0.00	100.00
114.0-115.0	0.0	0.0	208.4	0.00	100.00
115.0-116.0	0.0	0.0	208.4	0.00	100.00
116.0-117.0	0.0	0.0	208.4	0.00	100.00
117.0-118.0	0.0	0.0	208.4	0.00	100.00
118.0-119.0	0.0	0.0	208.4	0.00	100.00
119.0-120.0	0.0	0.0	208.4	0.00	100.00
120.0-121.0	0.0	0.0	208.4	0.00	100.00
121.0-122.0	0.0	0.0	208.4	0.00	100.00
122.0-123.0	0.0	0.0	208.4	0.00	100.00
123.0-124.0	0.0	0.0	208.4	0.00	100.00
124.0-125.0	0.0	0.0	208.4	0.00	100.00
125.0-126.0	0.0	0.0	208.4	0.00	100.00
126.0-127.0	0.0	0.0	208.4	0.00	100.00
127.0-128.0	0.0	0.0	208.4	0.00	100.00
128.0-129.0	0.0	0.0	208.4	0.00	100.00
129.0-130.0	0.0	0.0	208.4	0.00	100.00
130.0-131.0	0.0	0.0	208.4	0.00	100.00
131.0-132.0	0.0	0.0	208.4	0.00	100.00
132.0-133.0	0.0	0.0	208.4	0.00	100.00
133.0-134.0	0.0	0.0	208.4	0.00	100.00
134.0-135.0	0.0	0.0	208.4	0.00	100.00
135.0-136.0	0.0	0.0	208.4	0.00	100.00
136.0-137.0	0.0	0.0	208.4	0.00	100.00
137.0-138.0	0.0	0.0	208.4	0.00	100.00
138.0-139.0	0.0	0.0	208.4	0.00	100.00
139.0-140.0	0.0	0.0	208.4	0.00	100.00
140.0-141.0	0.0	0.0	208.4	0.00	100.00
141.0-142.0	0.0	0.0	208.4	0.00	100.00
142.0-143.0	0.0	0.0	208.4	0.00	100.00
143.0-144.0	0.0	0.0	208.4	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	208.4	0.00	100.00
145.0-146.0	0.0	0.0	208.4	0.00	100.00
146.0-147.0	0.0	0.0	208.4	0.00	100.00
147.0-148.0	0.0	0.0	208.4	0.00	100.00
148.0-149.0	0.0	0.0	208.4	0.00	100.00
149.0-150.0	0.0	0.0	208.4	0.00	100.00
150.0-151.0	0.0	0.0	208.4	0.00	100.00
151.0-152.0	0.0	0.0	208.4	0.00	100.00
152.0-153.0	0.0	0.0	208.4	0.00	100.00
153.0-154.0	0.0	0.0	208.4	0.00	100.00
154.0-155.0	0.0	0.0	208.4	0.00	100.00
155.0-156.0	0.0	0.0	208.4	0.00	100.00
156.0-157.0	0.0	0.0	208.4	0.00	100.00
157.0-158.0	0.0	0.0	208.4	0.00	100.00
158.0-159.0	0.0	0.0	208.4	0.00	100.00
159.0-160.0	0.0	0.0	208.4	0.00	100.00
160.0-161.0	0.0	0.0	208.4	0.00	100.00
161.0-162.0	0.0	0.0	208.4	0.00	100.00
162.0-163.0	0.0	0.0	208.4	0.00	100.00
163.0-164.0	0.0	0.0	208.4	0.00	100.00
164.0-165.0	0.0	0.0	208.4	0.00	100.00
165.0-166.0	0.0	0.0	208.4	0.00	100.00
166.0-167.0	0.0	0.0	208.4	0.00	100.00
167.0-168.0	0.0	0.0	208.4	0.00	100.00
168.0-169.0	0.0	0.0	208.4	0.00	100.00
169.0-170.0	0.0	0.0	208.4	0.00	100.00
170.0-171.0	0.0	0.0	208.4	0.00	100.00
171.0-172.0	0.0	0.0	208.4	0.00	100.00
172.0-173.0	0.0	0.0	208.4	0.00	100.00
173.0-174.0	0.0	0.0	208.4	0.00	100.00
174.0-175.0	0.0	0.0	208.4	0.00	100.00
175.0-176.0	0.0	0.0	208.4	0.00	100.00
176.0-177.0	0.0	0.0	208.4	0.00	100.00
177.0-178.0	0.0	0.0	208.4	0.00	100.00
178.0-179.0	0.0	0.0	208.4	0.00	100.00
179.0-180.0	0.0	0.0	208.4	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	69.8	63.8	69.8	63.8	69.8					
G1.0	69.9	63.7	70.0	63.8	69.9					
G2.0	69.9	63.8	69.9	63.8	69.9					
G3.0	69.9	63.8	69.9	63.8	69.9					
G4.0	69.7	63.7	69.8	63.8	69.7					
G5.0	69.5	63.8	69.5	63.7	69.5					
G6.0	69.4	63.7	69.4	63.6	69.4					
G7.0	69.3	63.5	69.3	63.5	69.3					
G8.0	69.1	63.4	69.1	63.4	69.1					
G9.0	68.9	63.3	68.9	63.2	68.9					
G10.0	68.7	63.0	68.7	63.0	68.7					
G11.0	68.4	63.0	68.5	62.9	68.4					
G12.0	68.1	62.6	68.2	62.6	68.1					
G13.0	67.8	62.5	68.0	62.4	67.8					
G14.0	67.5	62.3	67.6	62.2	67.5					
G15.0	67.0	61.9	67.3	61.9	67.0					
G16.0	66.6	61.6	66.8	61.6	66.6					
G17.0	66.2	61.4	66.5	61.3	66.2					
G18.0	65.8	61.0	66.0	61.0	65.8					
G19.0	65.4	60.5	65.6	60.6	65.4					
G20.0	65.0	60.3	65.2	60.3	65.0					
G21.0	64.5	59.9	64.7	59.9	64.5					
G22.0	63.9	59.4	64.1	59.5	63.9					
G23.0	63.3	59.0	63.5	59.0	63.3					
G24.0	62.7	58.5	62.9	58.6	62.7					
G25.0	62.3	58.1	62.5	58.2	62.3					
G26.0	61.6	57.7	61.9	57.7	61.6					
G27.0	60.8	57.1	61.2	57.3	60.8					
G28.0	60.4	56.7	60.6	56.7	60.4					
G29.0	59.6	56.2	60.0	56.2	59.6					
G30.0	59.0	55.5	59.2	55.6	59.0					
G31.0	58.3	54.9	58.6	55.2	58.3					
G32.0	57.5	54.4	57.8	54.6	57.5					
G33.0	56.9	53.8	57.1	53.8	56.9					
G34.0	56.2	53.2	56.4	53.4	56.2					
G35.0	55.4	52.5	55.5	52.7	55.4					
G36.0	54.6	51.9	54.9	52.1	54.6					

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	53.7	51.3	54.0	51.5	53.7					
G38.0	52.9	50.5	53.2	50.7	52.9					
G39.0	52.0	49.9	52.4	50.0	52.0					
G40.0	51.1	49.2	51.5	49.4	51.1					
G41.0	50.3	48.5	50.7	48.7	50.3					
G42.0	49.3	47.7	49.8	48.0	49.3					
G43.0	48.5	46.9	48.8	47.3	48.5					
G44.0	47.5	46.2	48.0	46.4	47.5					
G45.0	46.7	45.4	47.0	45.7	46.7					
G46.0	45.6	44.6	46.1	44.9	45.6					
G47.0	44.7	43.8	45.2	44.2	44.7					
G48.0	43.7	43.0	44.2	43.2	43.7					
G49.0	42.7	42.2	43.2	42.5	42.7					
G50.0	41.8	41.4	42.2	41.7	41.8					
G51.0	40.8	40.4	41.2	40.8	40.8					
G52.0	39.6	39.6	40.2	40.0	39.6					
G53.0	38.6	38.7	39.1	39.0	38.6					
G54.0	37.5	37.9	38.2	38.3	37.5					
G55.0	36.5	37.0	37.1	37.4	36.5					
G56.0	35.4	36.1	36.0	36.4	35.4					
G57.0	34.3	35.2	34.9	35.5	34.3					
G58.0	33.2	34.3	33.9	34.6	33.2					
G59.0	32.0	33.3	32.7	33.7	32.0					
G60.0	30.9	32.3	31.7	32.8	30.9					
G61.0	29.7	31.4	30.5	31.8	29.7					
G62.0	28.6	30.5	29.4	30.9	28.6					
G63.0	27.5	29.4	28.2	29.9	27.5					
G64.0	26.2	28.5	27.0	29.0	26.2					
G65.0	25.1	27.5	25.9	28.0	25.1					
G66.0	24.0	26.5	24.8	27.1	24.0					
G67.0	22.7	25.6	23.5	26.0	22.7					
G68.0	21.6	24.6	22.5	25.1	21.6					
G69.0	20.4	23.6	21.2	24.1	20.4					
G70.0	19.2	22.6	20.1	23.1	19.2					
G71.0	18.0	21.7	18.9	22.2	18.0					
G72.0	16.8	20.7	17.6	21.2	16.8					
G73.0	15.7	19.8	16.6	20.3	15.7					

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	14.5	18.9	15.5	19.3	14.5					
G75.0	13.3	17.9	14.3	18.3	13.3					
G76.0	12.2	16.9	13.1	17.3	12.2					
G77.0	11.0	15.9	11.9	16.3	11.0					
G78.0	10.0	15.0	10.9	15.4	10.0					
G79.0	9.0	14.1	9.8	14.5	9.0					
G80.0	7.8	13.2	8.6	13.6	7.8					
G81.0	6.9	12.3	7.6	12.7	6.9					
G82.0	5.9	11.5	6.6	11.8	5.9					
G83.0	5.0	10.6	5.6	10.9	5.0					
G84.0	4.1	9.8	4.7	10.0	4.1					
G85.0	3.2	8.9	3.8	9.1	3.2					
G86.0	2.3	8.2	3.0	8.3	2.3					
G87.0	1.6	7.4	2.2	7.6	1.6					
G88.0	0.9	6.8	1.5	6.9	0.9					
G89.0	0.5	6.3	0.9	6.4	0.5					
G90.0	0.3	6.0	0.4	6.0	0.3					
G91.0	0.3	5.9	0.3	5.9	0.3					
G92.0	0.3	5.8	0.3	5.9	0.3					
G93.0	0.3	5.8	0.3	5.8	0.3					
G94.0	0.3	5.8	0.3	5.8	0.3					
G95.0	0.3	5.8	0.3	5.7	0.3					
G96.0	0.3	5.8	0.3	5.6	0.3					
G97.0	0.4	5.6	0.3	5.4	0.4					
G98.0	0.4	5.2	0.4	5.2	0.4					
G99.0	0.4	4.7	0.4	5.0	0.4					
G100.0	0.4	4.2	0.4	4.8	0.4					
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: