

Report No.:

Test Time: 2024-09-18 11:12

Luminaire Property

Luminaire Manufacturer:

Voltage: 21.8 V

Power: 2.15 W

Current: 0.099 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 199.3 lm

Downward Ratio: 100%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 166.6, 145.6, 152.5, 153.0

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 157.0, 51.0, 94.0, 95.2

Luminaire Efficacy Rating (LER): 92.73

Max. Intensity: 144.4 cd

S/MH(C0/C180): 2.36

Total Rated Lamp Lumens: 199.3 lm

Efficiency: 100%

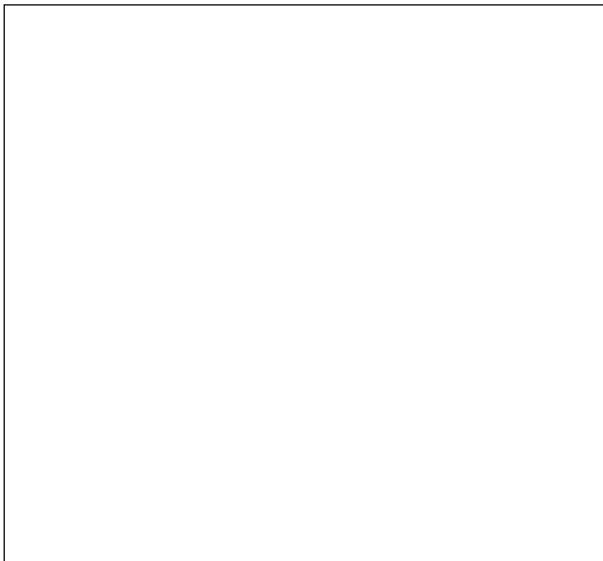
Upward Ratio: 0%

Central Intensity: 34.32 cd

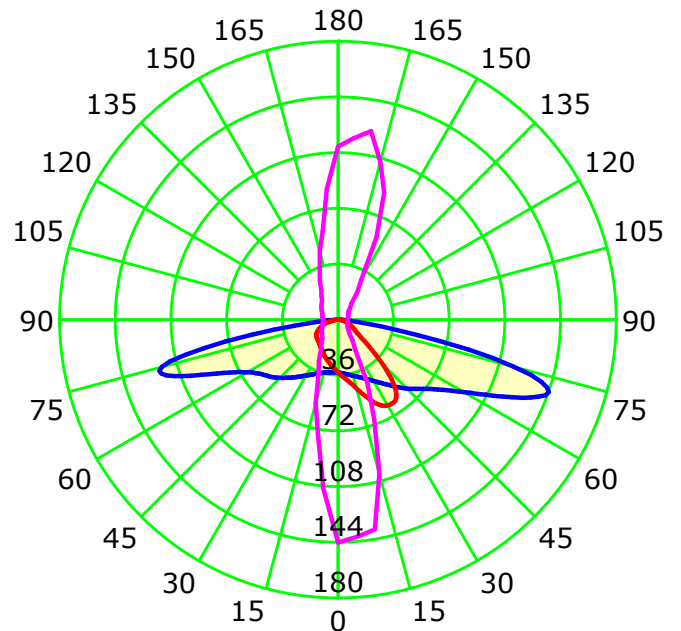
Pos of Max. Intensity: H0 V71

S/MH(C90/C270): 1.68

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 104.0°

— C0-C180 — C90-C270 — G71

C Plane (°):0.0-360.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

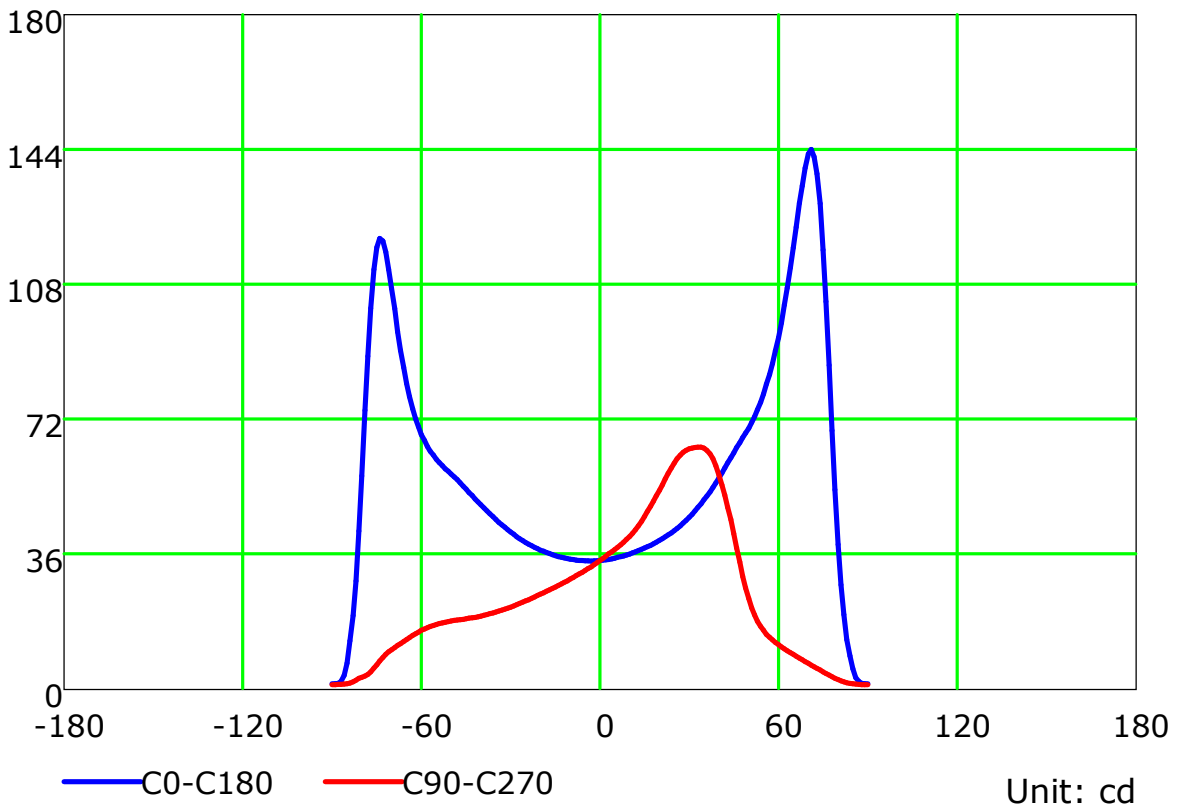
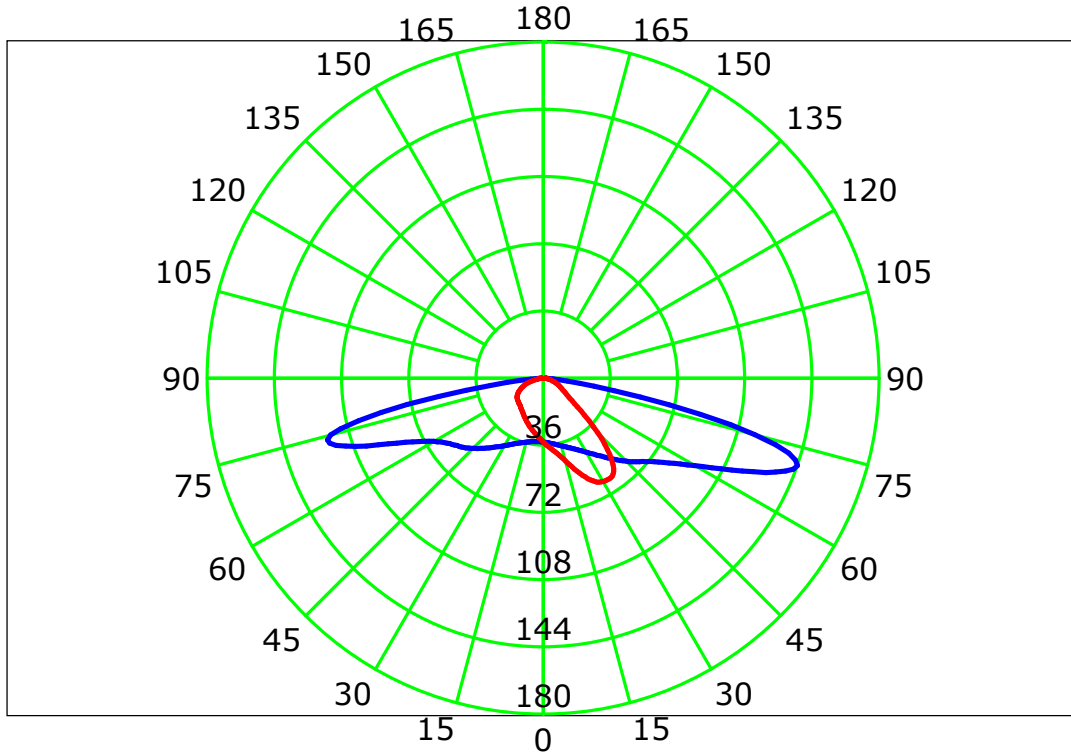
Test Device: GPM-1600L

Distance: 7.460 m [K=1.0000]

Humidity:

Inspector:

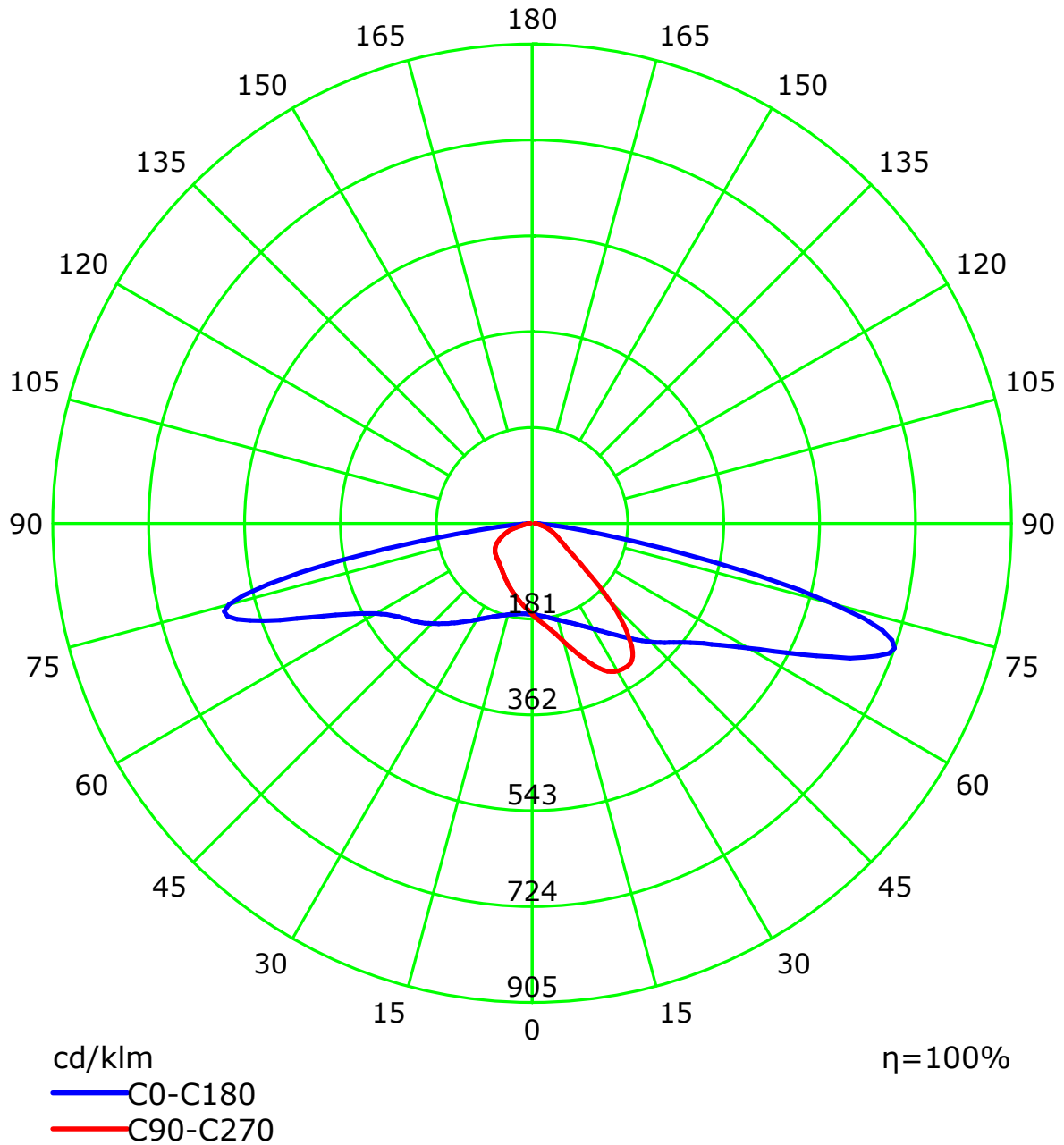
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1600L
Distance: 7.460 m [K=1.0000]
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



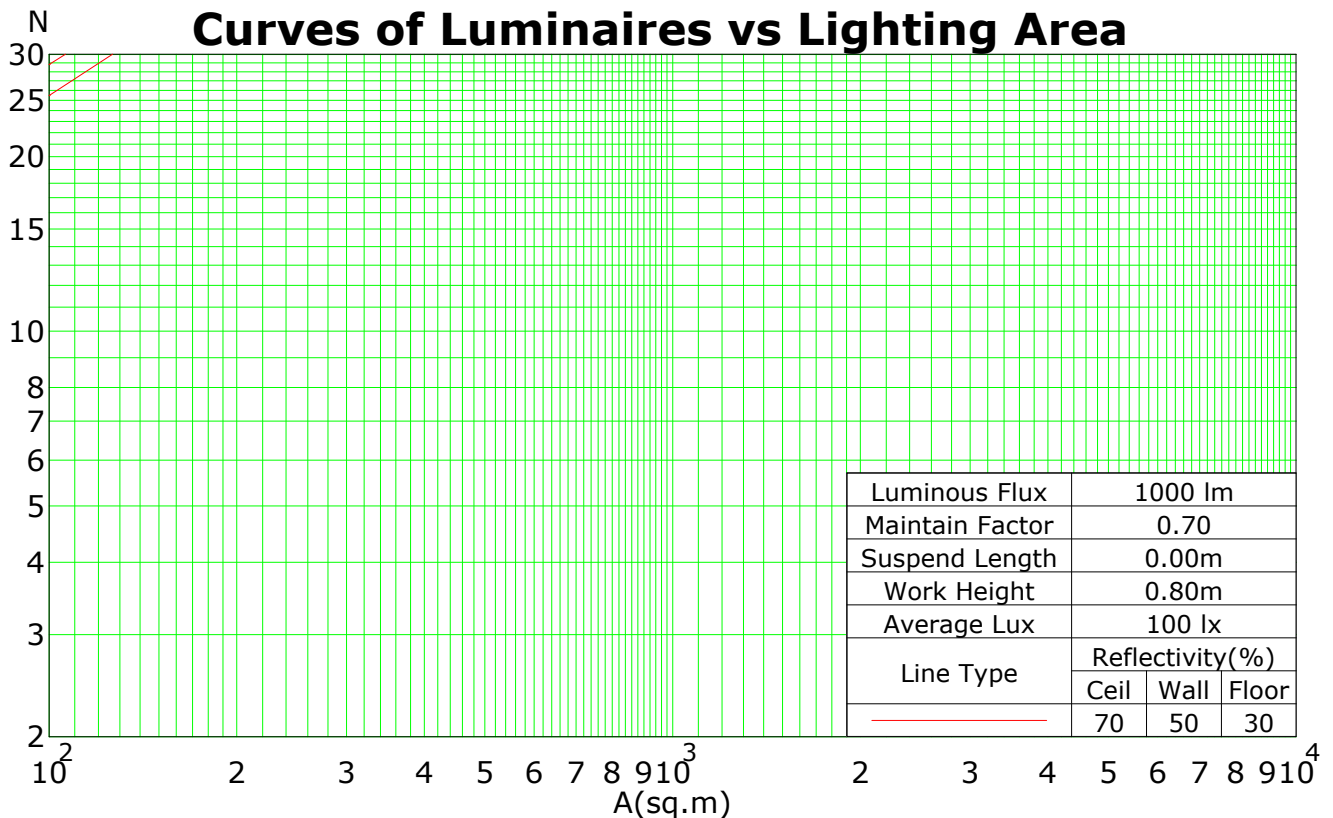
C Plane (°):0.0-360.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1600L
Distance: 7.460 m [K=1.0000]
Humidity:
Inspector:

Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	107	101	96	91	104	98	94	90	94	90	87	90	87	84	86	84	81	79
2	95	85	77	70	92	83	76	69	79	73	68	76	71	66	73	68	65	62
3	85	73	63	56	82	71	62	55	68	60	54	65	59	53	62	57	52	50
4	77	63	53	45	74	62	52	45	59	51	44	57	49	44	54	48	43	41
5	70	55	45	38	68	54	45	37	52	43	37	50	42	37	48	41	36	34
6	64	49	39	32	62	48	39	32	46	38	31	44	37	31	43	36	31	28
7	59	44	34	27	57	43	34	27	41	33	27	40	32	27	39	32	27	24
8	55	40	30	24	53	39	30	24	38	29	24	36	29	23	35	28	23	21
9	51	36	27	21	49	35	27	21	34	26	21	33	26	21	32	25	21	19
10	47	33	24	19	46	32	24	19	31	24	19	30	23	18	30	23	18	16

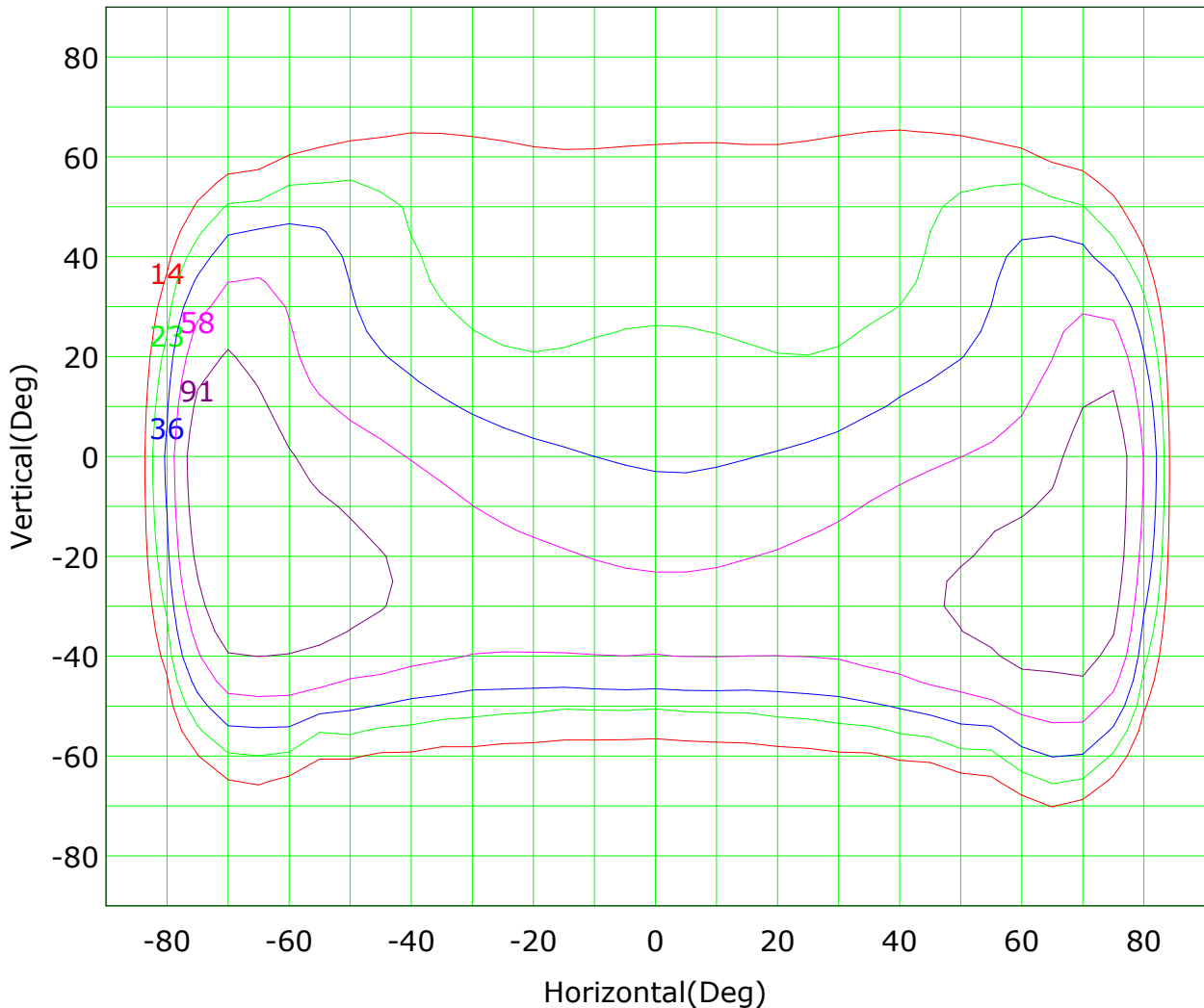
Spacing Criteria (0-180): 2.36
 Spacing Criteria (90-270): 1.68
 Spacing Criteria (Diagonal): 1.83



C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.460 m [K=1.0000]
 Humidity:
 Inspector:

Isocandela (rectangle)



Imax (100%): 144 cd

— (10%):	14 cd	— (16%):	23 cd
— (25%):	36 cd	— (40%):	58 cd
— (63%):	91 cd	— (100%):	144 cd

C Plane (°):0.0-360.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

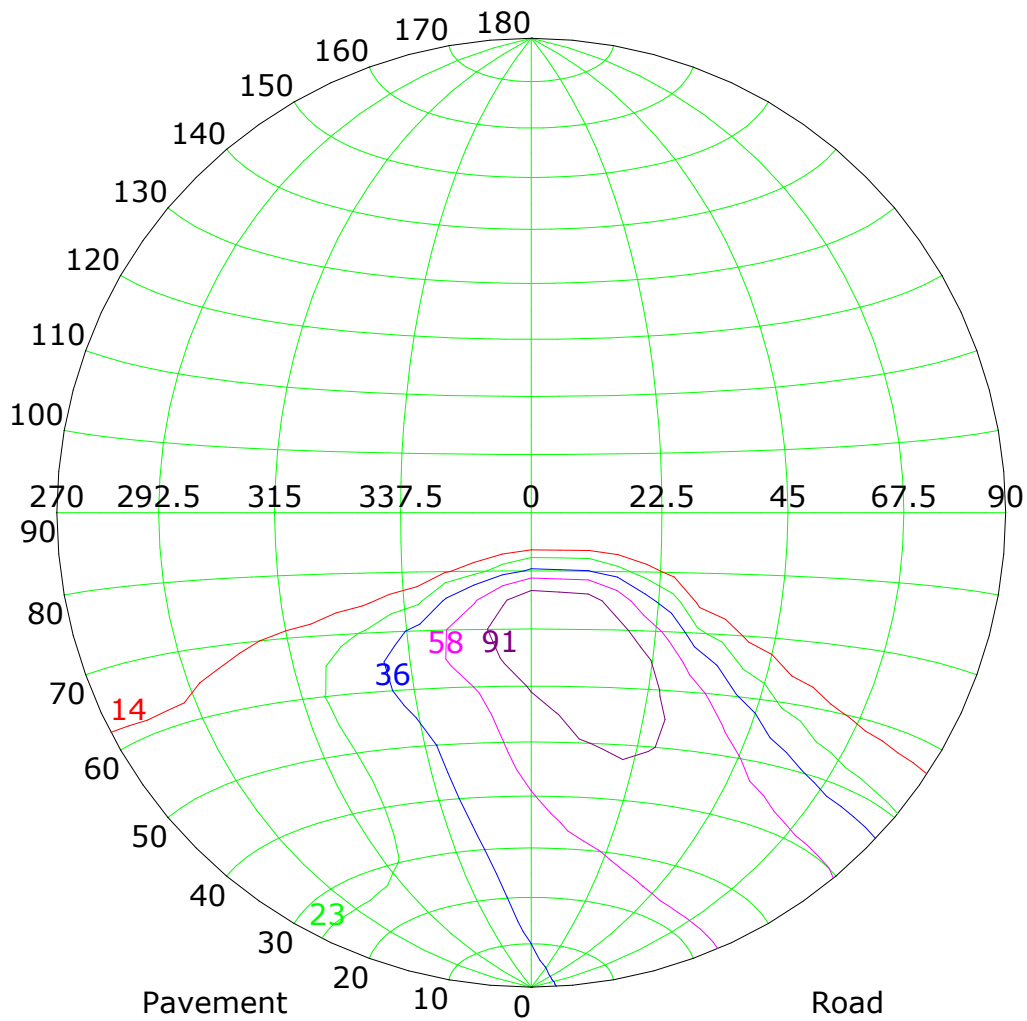
Test Device: GPM-1600L

Distance: 7.460 m [K=1.0000]

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 144 cd

— (10%):	14 cd	— (16%):	23 cd
— (25%):	36 cd	— (40%):	58 cd
— (63%):	91 cd	— (100%):	144 cd

C Plane (°):0.0-360.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

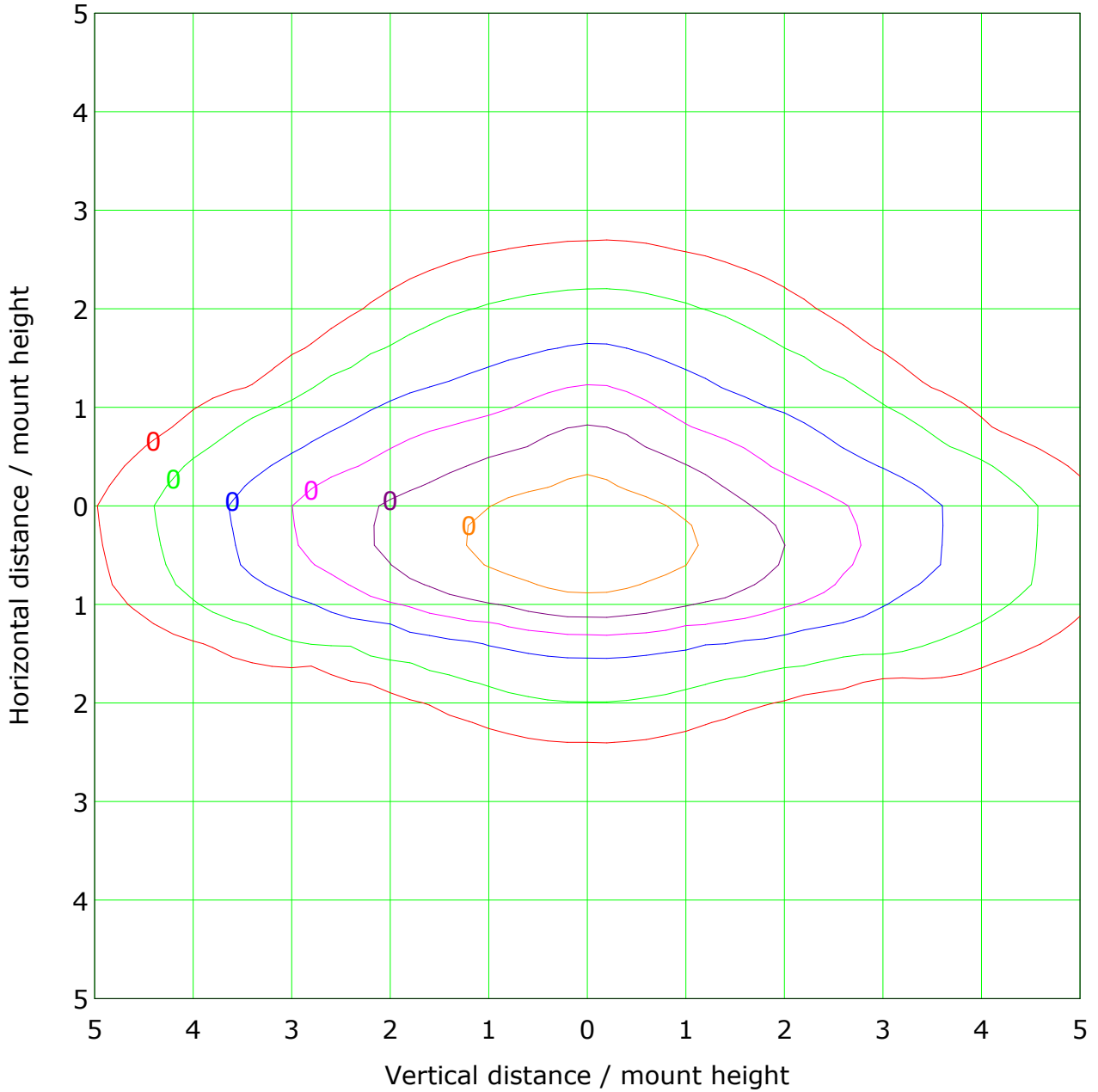
Test Device: GPM-1600L

Distance: 7.460 m [K=1.0000]

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 0.5 lx

— (1%): 0.0 lx	— (2%): 0.0 lx
— (5%): 0.0 lx	— (10%): 0.0 lx
— (20%): 0.1 lx	— (50%): 0.2 lx
— (100%): 0.5 lx	

C Plane (°):0.0-360.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600L

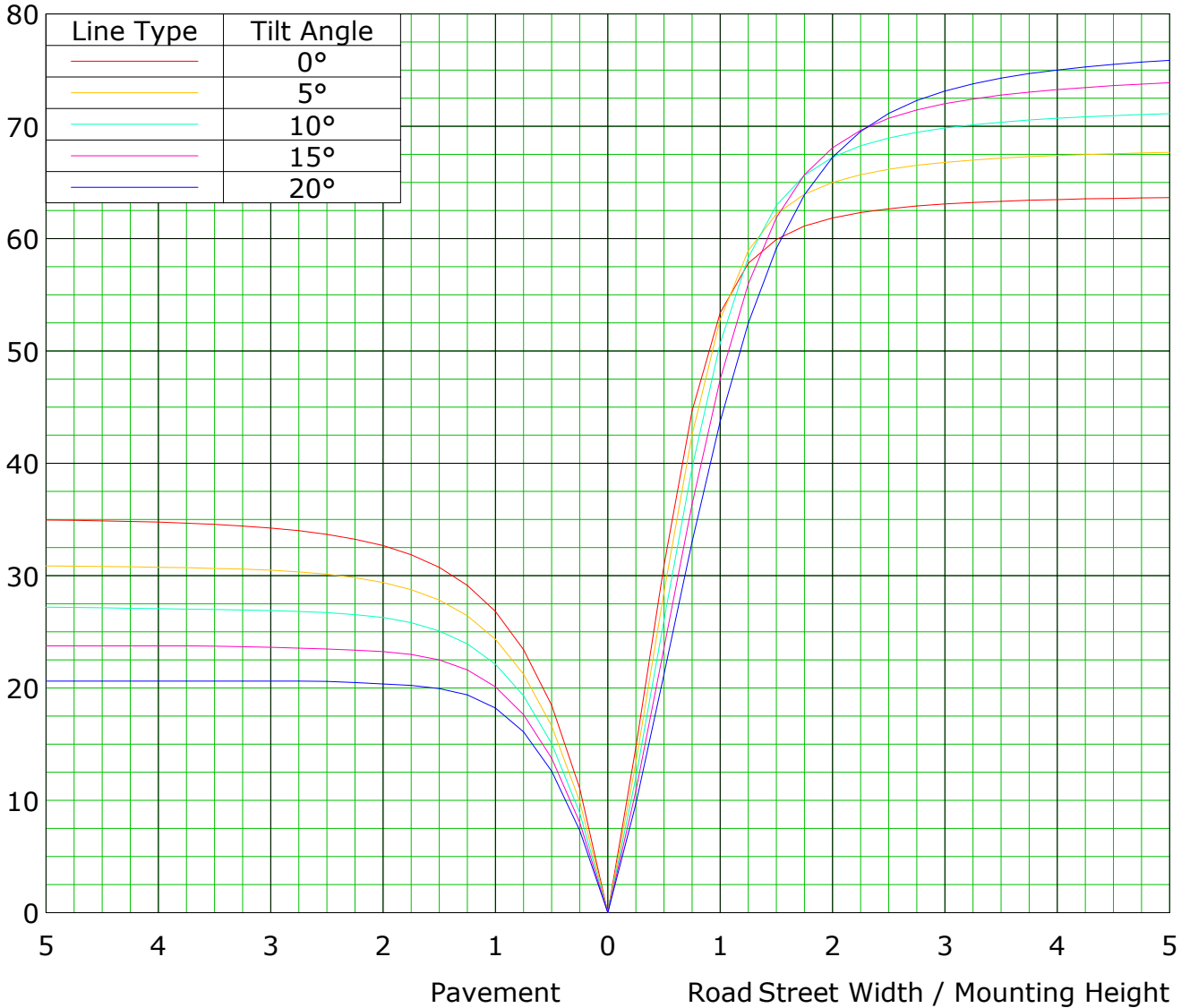
Distance: 7.460 m [K=1.0000]

Humidity:

Inspector:

Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600L

Distance: 7.460 m [K=1.0000]

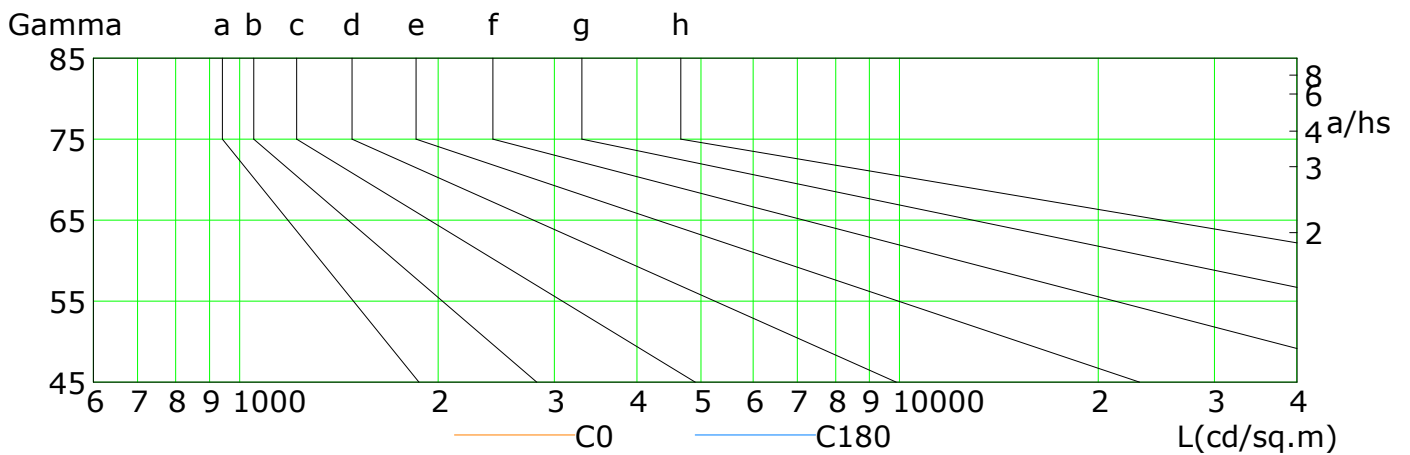
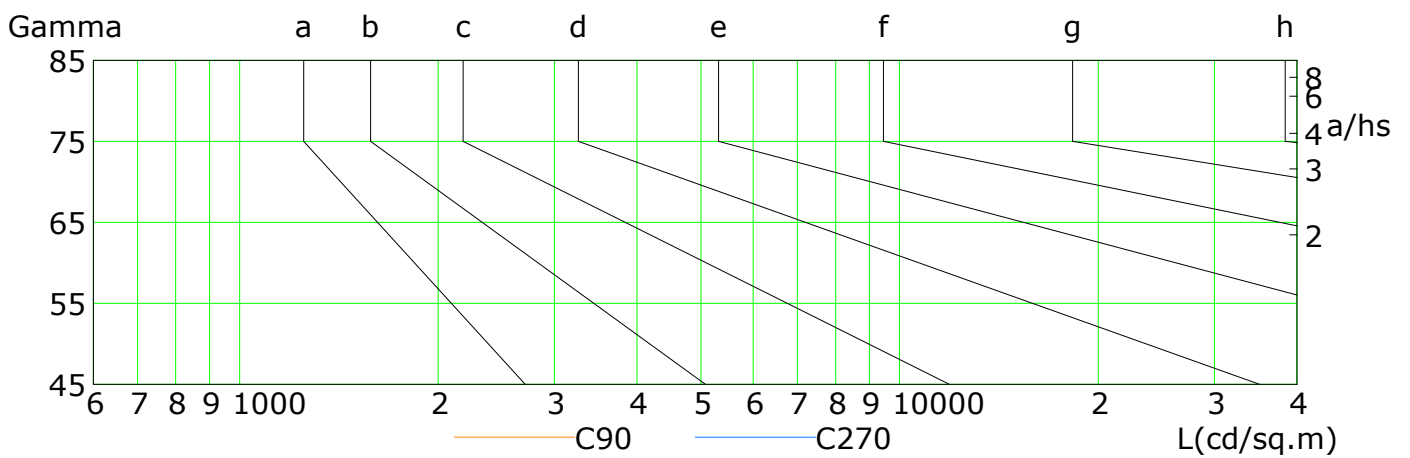
Humidity:

Inspector:

Lum Limit Curve

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

a b c d e f g h



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	63	70	79	94	118	143	118	39	5
C90	42	24	16	12	9	7	5	2	1
C180	53	58	61	68	82	107	118	57	7
C270	19	18	17	16	13	10	6	3	1

C Plane (°):0.0-360.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

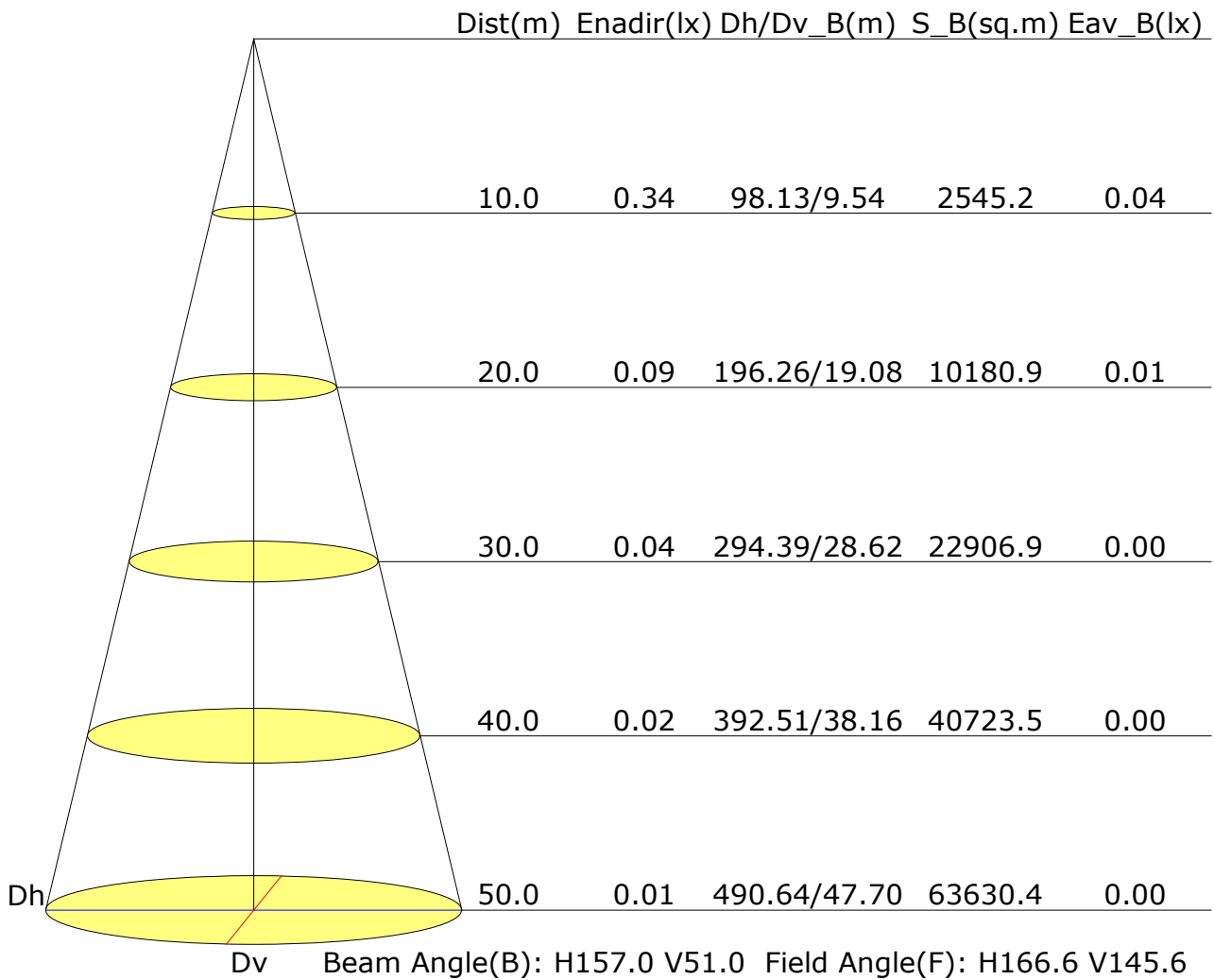
Test Device: GPM-1600L

Distance: 7.460 m [K=1.0000]

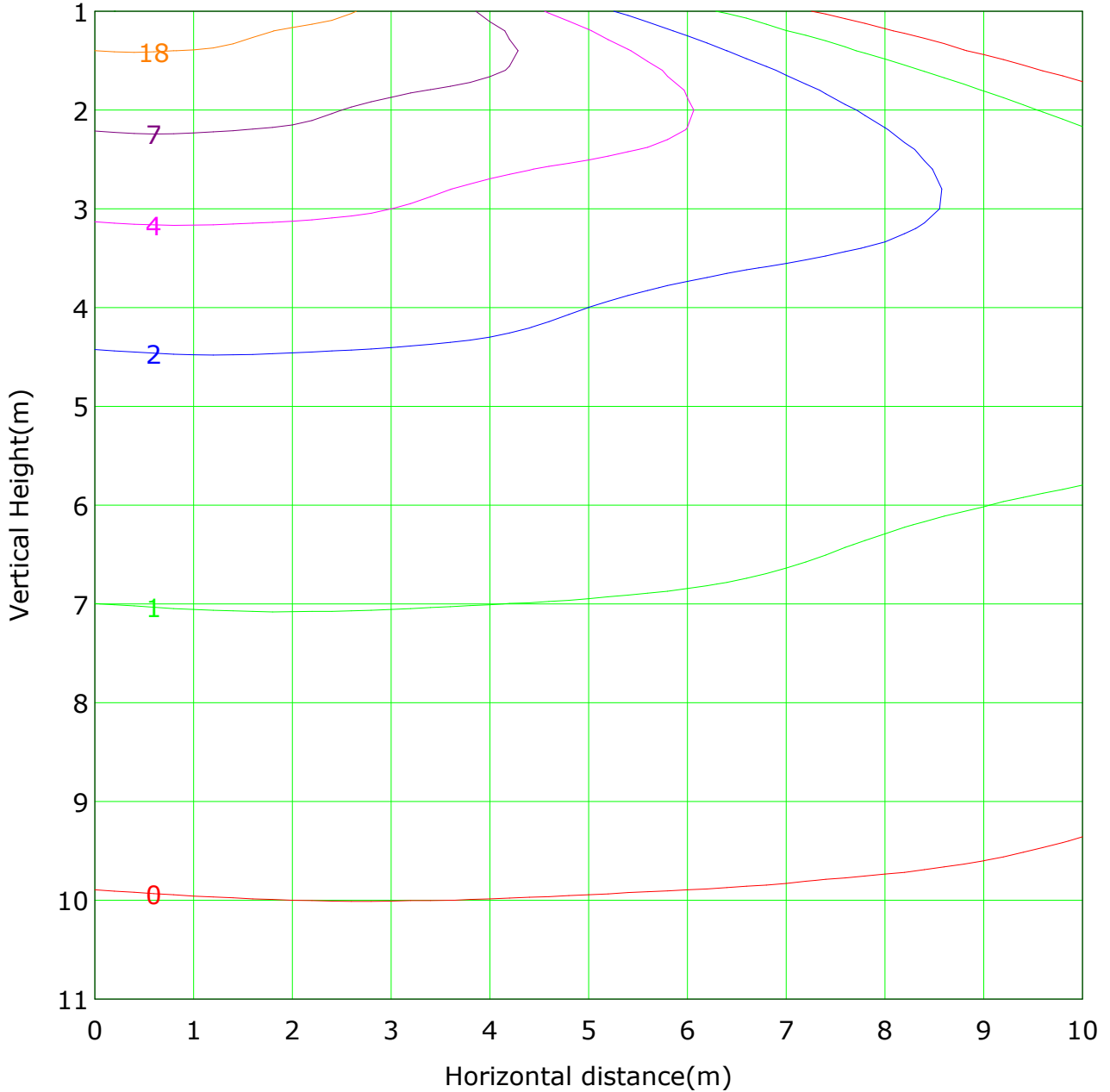
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 35.1 lx
— (1%): 0.4 lx	— (2%): 0.7 lx	
— (5%): 1.8 lx	— (10%): 3.5 lx	
— (20%): 7.0 lx	— (50%): 17.5 lx	
— (100%): 35.1 lx		

C Plane (°):0.0-360.0: 10.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-90.0:1.0

Test Device: GPM-1600L

Distance: 7.460 m [K=1.0000]

Humidity:

Inspector:

Area Flux Table

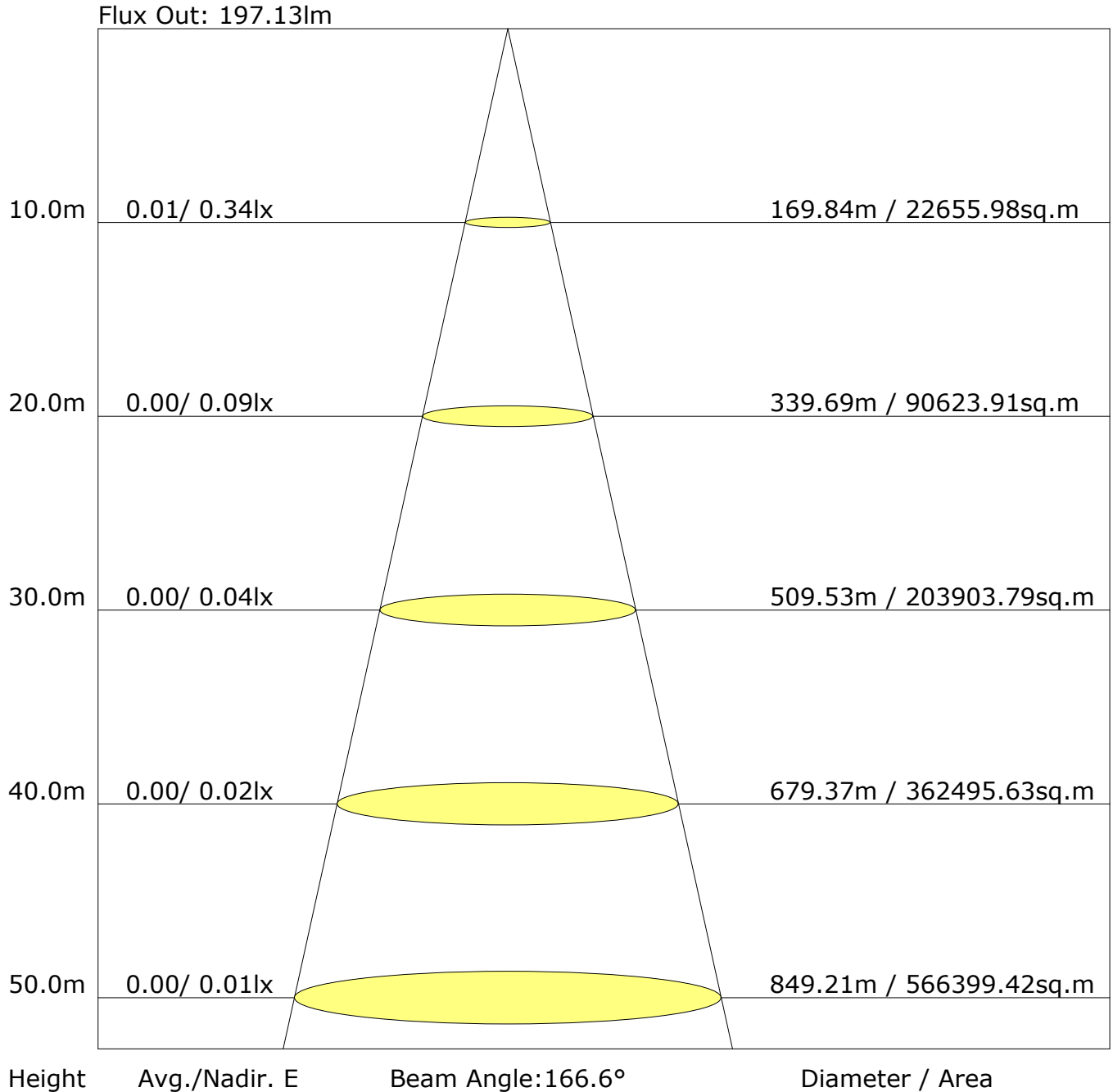
Unit: lm

		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)
Horizontal plane	-90	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.4	0.3
	-80	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.0	6.7	6.5
	-70	0.0	0.0	0.1	0.2	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.0	11.5	11.1
	-60	0.0	0.1	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	12.8	12.2
	-50	0.0	0.1	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	13.3	12.6
	-40	0.0	0.2	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	13.2	12.3
	-30	0.0	0.3	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	13.1	12.1
	-20	0.0	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	13.2	12.1
	-10	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	13.4	12.3
	0	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	13.5	12.3
	10	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	13.4	12.3
	20	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	13.4	12.3
	30	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	13.4	12.3
	40	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	13.7	12.8
	50	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	14.1	13.4
	60	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	14.0	13.4
	70	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	12.9	12.5
	80	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	6.3	6.0
90	0.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.3	0.2	
																				199	187	

C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.460 m [K=1.0000]
 Humidity:
 Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 10.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-90.0:1.0
Test Device: GPM-1600L
Distance: 7.460 m [K=1.0000]
Humidity:
Inspector:

UGR Table

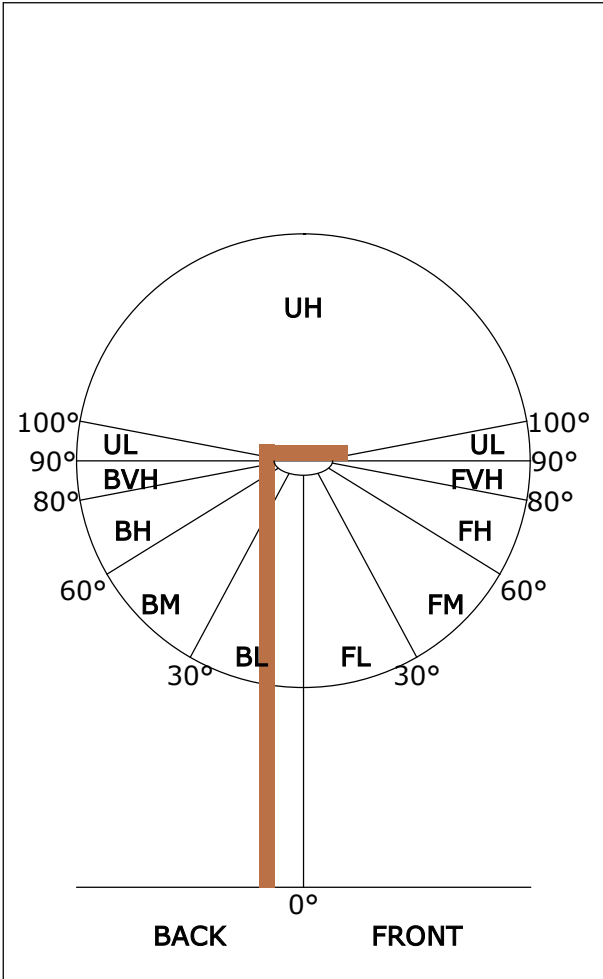
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
Variations with the observer position at spacings:										
S=1.0H	-1.\$/-1.\$					-1.\$/-1.\$				
S=1.5H	-1.\$/-1.\$					-1.\$/-1.\$				
S=2.0H	-1.\$/-1.\$					-1.\$/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with $1991m$ ($8\log(F/F_0) = -5.6$).

C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.460 m [K=1.0000]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

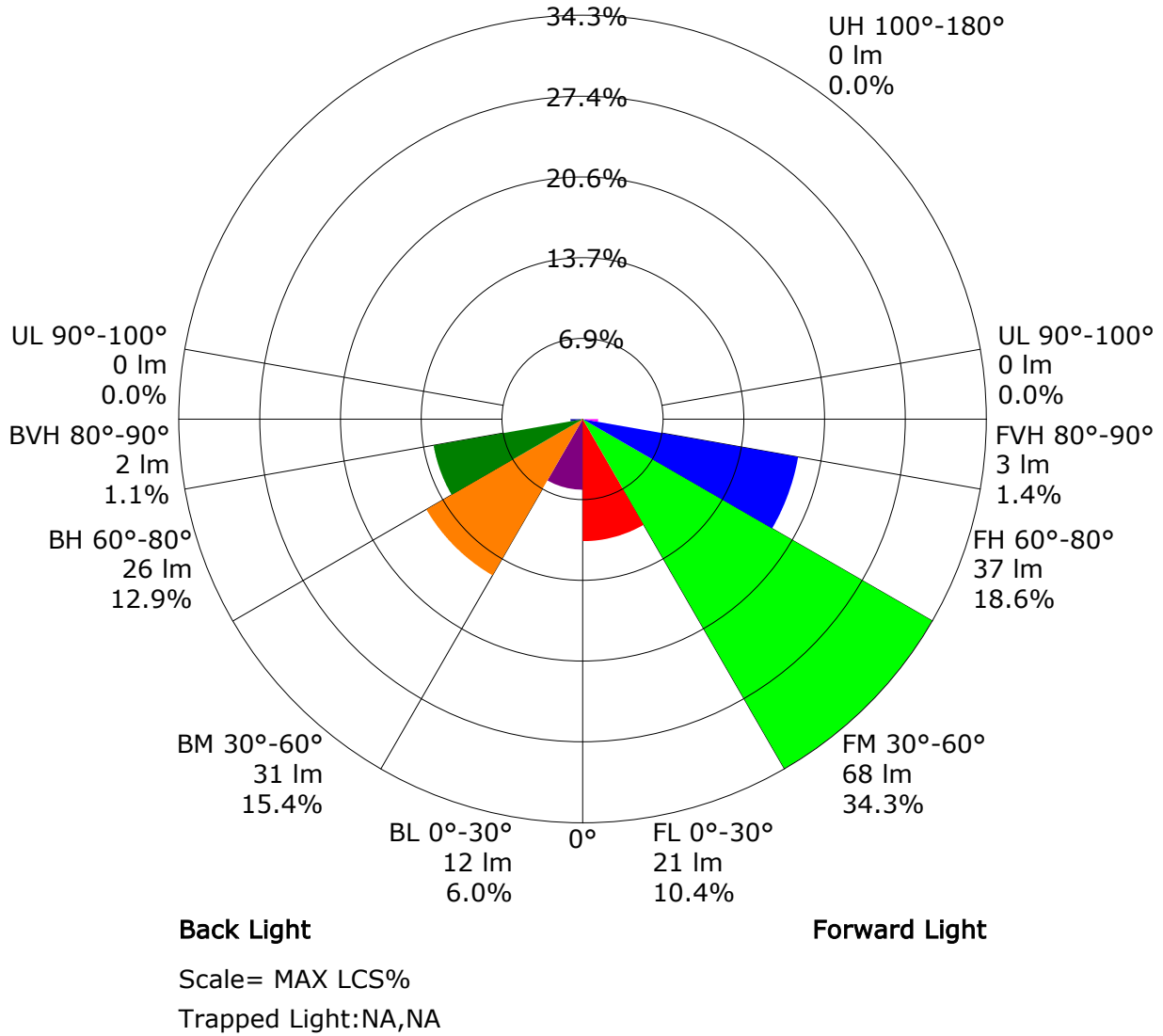
	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	129	64.7
	FL (0°-30°)	21	10.4
	FM (30°-60°)	68	34.3
	FH (60°-80°)	37	18.6
	FVH (80°-90°)	3	1.4
	BACK LIGHT	70	35.3
	BL (0°-30°)	12	6.0
	BM (30°-60°)	31	15.4
	BH (60°-80°)	26	12.9
	BVH (80°-90°)	2	1.1
	UP LIGHT	0	0.0
	UL (90°-100°)	0	0.0
	UH (100°-180°)	0	0.0
	TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U0 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 U0 G0

C Plane (°):0.0-360.0: 10.0
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 Test Type: TYPE C
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 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.460 m [K=1.0000]
 Humidity:
 Inspector:

LCS Graph



Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 2.00									
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	NA	0.63	0.69	0.75	0.83	0.89	0.93	0.98	1.01	
	0.30		NA	0.54	0.61	0.67	0.76	0.82	0.87	0.93	0.97	
	0.20		NA	0.48	0.54	0.60	0.70	0.77	0.82	0.89	0.94	
0.50	0.50	0.20	NA	0.61	0.66	0.72	0.80	0.85	0.89	0.94	0.97	
	0.30		NA	0.53	0.59	0.65	0.74	0.80	0.84	0.90	0.94	
	0.20		NA	0.48	0.54	0.59	0.69	0.75	0.80	0.87	0.91	
0.30	0.50	0.20	NA	0.59	0.64	0.69	0.77	0.82	0.85	0.90	0.93	
	0.30		NA	0.52	0.58	0.63	0.72	0.77	0.81	0.87	0.90	
	0.20		NA	0.47	0.53	0.58	0.67	0.74	0.78	0.84	0.88	
0.00	0.00	0.00	NA	0.45	0.50	0.55	0.64	0.70	0.74	0.80	0.83	
Rating:2W 2.80m Mounted:On Ceiling 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 = 2.00									
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	NA	0.89	0.78	0.69	0.55	0.45	0.39	0.30	0.25	
	0.30		NA	0.76	0.68	0.61	0.49	0.42	0.36	0.28	0.23	
	0.20		NA	0.66	0.60	0.55	0.45	0.38	0.34	0.27	0.22	
0.50	0.50	0.20	NA	0.85	0.75	0.66	0.52	0.47	0.37	0.29	0.23	
	0.30		NA	0.74	0.66	0.59	0.48	0.40	0.35	0.27	0.23	
	0.20		NA	0.65	0.59	0.54	0.44	0.37	0.33	0.26	0.22	
0.30	0.50	0.20	NA	0.82	0.72	0.64	0.50	0.42	0.36	0.28	0.23	
	0.30		NA	0.72	0.65	0.58	0.46	0.39	0.34	0.26	0.22	
	0.20		NA	0.65	0.59	0.53	0.43	0.37	0.32	0.25	0.21	
0.00	0.00	0.00	1.00	0.55	0.50	0.45	0.36	0.30	0.26	0.20	0.17	
Rating:2W 2.80m Mounted:On Ceiling 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 = 2.00									
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	NA	0.18	0.19	0.20	0.21	0.21	0.21	0.22	0.22	
	0.30		NA	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	
	0.20		NA	0.06	0.07	0.08	0.11	0.12	0.13	0.15	0.16	
0.50	0.50	0.20	NA	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.21	
	0.30		NA	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.18	
	0.20		NA	0.06	0.07	0.08	0.10	0.12	0.13	0.15	0.16	
0.30	0.50	0.20	NA	0.17	0.18	0.18	0.19	0.19	0.20	0.20	0.20	
	0.30		NA	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	
	0.20		NA	0.06	0.07	0.08	0.10	0.12	0.13	0.14	0.15	
0.00	0.00	0.00	NA	NA	NA	NA	NA	NA	NA	NA	NA	
<p>Rating:2W 2.80m Mounted:On Ceiling Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.460 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	34.3	0.0	0.0	0.02	0.02
1.0-2.0	34.3	0.1	0.1	0.05	0.07
2.0-3.0	34.4	0.2	0.3	0.08	0.15
3.0-4.0	34.4	0.2	0.5	0.12	0.26
4.0-5.0	34.5	0.3	0.8	0.15	0.41
5.0-6.0	34.6	0.4	1.2	0.18	0.60
6.0-7.0	34.7	0.4	1.6	0.22	0.81
7.0-8.0	34.8	0.5	2.1	0.25	1.06
8.0-9.0	35.0	0.6	2.7	0.28	1.35
9.0-10.0	35.1	0.6	3.3	0.32	1.67
10.0-11.0	35.3	0.7	4.0	0.35	2.02
11.0-12.0	35.5	0.8	4.8	0.39	2.41
12.0-13.0	35.7	0.8	5.6	0.43	2.83
13.0-14.0	36.0	0.9	6.6	0.46	3.30
14.0-15.0	36.3	1.0	7.6	0.50	3.80
15.0-16.0	36.6	1.1	8.6	0.54	4.33
16.0-17.0	37.0	1.2	9.8	0.58	4.91
17.0-18.0	37.3	1.2	11.0	0.62	5.53
18.0-19.0	37.8	1.3	12.3	0.66	6.19
19.0-20.0	38.2	1.4	13.7	0.70	6.89
20.0-21.0	38.6	1.5	15.2	0.74	7.64
21.0-22.0	39.1	1.6	16.8	0.79	8.43
22.0-23.0	39.7	1.7	18.5	0.84	9.26
23.0-24.0	40.2	1.8	20.2	0.88	10.14
24.0-25.0	40.7	1.9	22.1	0.93	11.07
25.0-26.0	41.3	1.9	24.0	0.98	12.05
26.0-27.0	41.8	2.0	26.1	1.03	13.08
27.0-28.0	42.3	2.1	28.2	1.08	14.15
28.0-29.0	42.8	2.2	30.4	1.12	15.28
29.0-30.0	43.3	2.3	32.8	1.17	16.45
30.0-31.0	43.7	2.4	35.2	1.22	17.67
31.0-32.0	44.1	2.5	37.7	1.27	18.94
32.0-33.0	44.5	2.6	40.4	1.32	20.26
33.0-34.0	44.9	2.7	43.1	1.36	21.62
34.0-35.0	45.3	2.8	45.9	1.41	23.03
35.0-36.0	45.6	2.9	48.8	1.46	24.49

C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.460 m [K=1.0000]
 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	45.8	3.0	51.8	1.50	25.99
37.0-38.0	46.0	3.1	54.9	1.54	27.53
38.0-39.0	46.2	3.2	58.0	1.58	29.11
39.0-40.0	46.2	3.2	61.2	1.62	30.73
40.0-41.0	46.1	3.3	64.5	1.65	32.38
41.0-42.0	45.9	3.3	67.9	1.68	34.05
42.0-43.0	45.7	3.4	71.2	1.70	35.75
43.0-44.0	45.4	3.4	74.7	1.72	37.47
44.0-45.0	45.0	3.5	78.1	1.74	39.21
45.0-46.0	44.5	3.5	81.6	1.75	40.96
46.0-47.0	44.0	3.5	85.1	1.76	42.71
47.0-48.0	43.5	3.5	88.6	1.77	44.48
48.0-49.0	42.9	3.5	92.2	1.77	46.25
49.0-50.0	42.4	3.5	95.7	1.78	48.02
50.0-51.0	41.9	3.5	99.2	1.78	49.80
51.0-52.0	41.4	3.6	102.8	1.78	51.59
52.0-53.0	41.0	3.6	106.4	1.79	53.38
53.0-54.0	40.6	3.6	109.9	1.80	55.17
54.0-55.0	40.2	3.6	113.5	1.80	56.98
55.0-56.0	39.9	3.6	117.1	1.81	58.78
56.0-57.0	39.6	3.6	120.7	1.82	60.60
57.0-58.0	39.3	3.6	124.4	1.82	62.42
58.0-59.0	39.0	3.6	128.0	1.83	64.25
59.0-60.0	38.7	3.7	131.7	1.84	66.09
60.0-61.0	38.5	3.7	135.4	1.84	67.94
61.0-62.0	38.2	3.7	139.1	1.85	69.78
62.0-63.0	38.0	3.7	142.7	1.86	71.64
63.0-64.0	37.7	3.7	146.5	1.86	73.50
64.0-65.0	37.5	3.7	150.2	1.86	75.36
65.0-66.0	37.1	3.7	153.9	1.86	77.22
66.0-67.0	36.7	3.7	157.6	1.85	79.07
67.0-68.0	36.2	3.7	161.2	1.84	80.91
68.0-69.0	35.6	3.6	164.9	1.82	82.74
69.0-70.0	34.9	3.6	168.4	1.80	84.53
70.0-71.0	34.0	3.5	172.0	1.76	86.30
71.0-72.0	32.7	3.4	175.4	1.71	88.01

C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.460 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C10.0	C20.0	C30.0	C40.0	C50.0	C60.0	C70.0	C80.0	C90.0
G0.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
G1.0	34.4	34.5	34.6	34.7	34.7	34.8	34.9	34.9	34.9	34.9
G2.0	34.5	34.7	34.9	35.1	35.2	35.3	35.5	35.5	35.5	35.5
G3.0	34.6	35.0	35.3	35.5	35.8	35.9	36.1	36.1	36.2	36.1
G4.0	34.8	35.2	35.6	36.0	36.3	36.5	36.7	36.7	36.7	36.7
G5.0	34.9	35.6	36.1	36.5	36.8	37.1	37.3	37.3	37.4	37.2
G6.0	35.2	35.9	36.5	37.0	37.5	37.7	38.0	38.0	38.0	37.9
G7.0	35.4	36.3	37.0	37.6	38.1	38.3	38.6	38.6	38.7	38.5
G8.0	35.6	36.7	37.5	38.3	38.7	39.1	39.3	39.4	39.3	39.3
G9.0	35.8	37.1	38.1	38.9	39.4	39.8	40.1	40.1	40.1	40.0
G10.0	36.1	37.5	38.6	39.5	40.1	40.6	40.8	40.9	40.9	40.7
G11.0	36.4	38.0	39.3	40.3	41.0	41.5	41.7	41.8	41.8	41.6
G12.0	36.7	38.5	39.9	41.0	41.7	42.3	42.6	42.7	42.7	42.6
G13.0	37.0	39.0	40.6	41.8	42.6	43.2	43.6	43.7	43.7	43.6
G14.0	37.3	39.7	41.3	42.6	43.5	44.2	44.7	44.9	44.9	44.8
G15.0	37.7	40.2	42.1	43.5	44.4	45.3	45.8	46.1	46.2	46.1
G16.0	38.0	40.9	42.8	44.4	45.4	46.5	47.0	47.6	47.5	47.5
G17.0	38.4	41.5	43.6	45.3	46.5	47.7	48.5	49.0	49.0	48.8
G18.0	38.8	42.1	44.4	46.2	47.6	49.0	49.9	50.4	50.4	50.2
G19.0	39.2	42.9	45.3	47.3	48.8	50.5	51.6	52.0	51.9	51.7
G20.0	39.7	43.6	46.2	48.3	50.1	52.0	53.0	53.5	53.4	53.1
G21.0	40.1	44.3	47.1	49.4	51.4	53.6	54.6	55.0	54.9	54.6
G22.0	40.7	45.2	48.1	50.6	53.0	55.3	56.3	56.7	56.5	56.2
G23.0	41.2	45.9	49.1	51.7	54.5	56.9	57.9	58.2	58.0	57.6
G24.0	41.7	46.9	50.1	53.1	56.0	58.6	59.4	59.8	59.4	59.1
G25.0	42.4	47.7	51.2	54.4	57.8	60.3	61.1	61.2	60.9	60.4
G26.0	43.0	48.6	52.3	55.8	59.4	61.9	62.7	62.5	62.1	61.6
G27.0	43.6	49.7	53.5	57.3	61.2	63.6	64.2	63.7	63.2	62.6
G28.0	44.3	50.7	54.7	58.9	62.8	65.1	65.3	64.6	63.9	63.3
G29.0	45.0	51.8	55.9	60.3	64.4	66.5	66.4	65.3	64.6	63.8
G30.0	45.9	53.0	57.4	62.1	66.1	67.7	67.3	65.9	65.0	64.2
G31.0	46.7	54.2	58.7	63.7	67.6	68.8	67.9	66.1	65.3	64.5
G32.0	47.7	55.5	60.4	65.6	69.1	69.6	68.3	66.3	65.4	64.6
G33.0	48.6	56.8	61.9	67.4	70.4	70.1	68.5	66.4	65.6	64.7
G34.0	49.5	58.2	63.5	69.1	71.6	70.4	68.5	66.5	65.6	64.7
G35.0	50.6	59.7	65.3	71.0	72.7	70.4	68.4	66.4	65.4	64.4
G36.0	51.6	61.2	67.0	72.8	73.5	70.4	68.3	66.1	65.0	63.9

C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.460 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C10.0	C20.0	C30.0	C40.0	C50.0	C60.0	C70.0	C80.0	C90.0
G37.0	52.7	62.9	68.9	74.6	74.2	70.2	68.1	65.5	64.1	62.9
G38.0	53.9	64.6	70.9	76.1	74.7	69.9	67.5	64.5	62.8	61.6
G39.0	55.1	66.4	72.9	77.6	75.0	69.7	66.7	63.1	61.2	59.7
G40.0	56.5	68.4	75.3	79.0	75.1	69.2	65.4	60.9	58.7	57.1
G41.0	57.7	70.4	77.4	80.3	75.1	68.5	63.8	58.5	56.1	54.6
G42.0	59.1	72.3	79.6	81.5	75.0	67.6	61.8	55.8	53.3	51.8
G43.0	60.5	74.5	82.0	82.7	74.9	66.2	59.0	52.5	50.1	48.6
G44.0	61.9	76.5	84.2	83.7	74.8	64.5	56.3	49.5	47.0	45.3
G45.0	63.1	78.7	86.3	84.7	74.5	62.4	53.5	46.1	43.6	41.6
G46.0	64.6	80.7	88.6	85.5	74.1	59.9	50.2	42.8	39.7	37.7
G47.0	65.9	82.9	90.6	86.2	73.3	57.4	47.3	39.2	35.8	33.9
G48.0	67.2	85.1	92.7	86.9	72.3	54.5	43.9	35.5	32.0	30.1
G49.0	68.4	87.2	94.4	87.5	70.8	51.7	40.8	32.0	28.6	27.0
G50.0	69.8	89.3	96.2	87.9	69.0	49.0	37.5	29.0	25.7	24.1
G51.0	71.3	91.8	97.8	88.2	66.4	45.9	34.1	25.9	22.9	21.7
G52.0	72.9	94.0	99.4	88.2	63.8	43.0	31.1	23.5	20.9	19.7
G53.0	74.7	96.5	100.9	87.7	60.9	39.6	28.4	21.3	19.1	18.0
G54.0	76.7	98.8	102.3	86.8	57.8	36.4	25.6	19.5	17.5	16.7
G55.0	78.9	101.2	103.7	85.5	54.8	33.5	23.4	18.0	16.2	15.6
G56.0	81.6	103.9	105.1	83.4	51.5	30.5	21.2	16.6	15.1	14.6
G57.0	84.1	106.3	106.4	81.0	48.2	27.8	19.5	15.4	14.2	13.8
G58.0	87.1	108.9	107.7	77.9	44.6	25.3	17.9	14.5	13.5	13.1
G59.0	90.5	111.6	108.8	74.3	40.7	22.9	16.5	13.6	12.7	12.4
G60.0	94.0	114.1	109.4	70.6	37.0	20.9	15.4	12.8	12.1	11.8
G61.0	97.9	116.9	109.5	66.4	33.8	18.9	14.4	12.1	11.5	11.2
G62.0	102.8	119.5	109.1	62.3	30.4	17.3	13.3	11.5	10.9	10.7
G63.0	107.4	122.2	107.9	58.0	27.4	15.9	12.5	11.0	10.5	10.2
G64.0	112.8	125.2	105.8	53.2	24.5	14.6	11.7	10.4	9.9	9.7
G65.0	118.1	127.7	102.9	48.4	22.0	13.4	11.0	9.8	9.4	9.2
G66.0	123.6	130.3	99.3	43.5	19.8	12.4	10.3	9.3	8.9	8.7
G67.0	130.0	132.8	94.3	38.3	17.6	11.4	9.6	8.7	8.4	8.2
G68.0	134.7	134.3	88.6	33.7	15.8	10.5	9.0	8.3	7.9	7.7
G69.0	139.4	136.6	82.4	29.3	14.3	9.7	8.5	7.7	7.5	7.2
G70.0	143.2	137.9	75.5	25.5	12.7	8.9	7.9	7.2	7.0	6.8
G71.0	144.4	138.2	69.0	22.1	11.4	8.2	7.4	6.8	6.5	6.3
G72.0	142.5	135.2	62.0	19.1	10.1	7.5	6.8	6.2	6.0	5.9
G73.0	137.9	129.6	55.4	16.7	9.1	6.9	6.3	5.8	5.6	5.4

C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.460 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C100.0	C110.0	C120.0	C130.0	C140.0	C150.0	C160.0	C170.0	C180.0	C190.0
G0.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
G1.0	34.9	34.8	34.8	34.7	34.6	34.5	34.4	34.3	34.2	34.2
G2.0	35.4	35.4	35.2	35.1	35.0	34.7	34.5	34.3	34.2	34.0
G3.0	36.1	35.9	35.8	35.5	35.3	35.0	34.7	34.4	34.2	33.9
G4.0	36.6	36.4	36.2	35.9	35.6	35.2	34.8	34.4	34.2	33.8
G5.0	37.2	36.9	36.7	36.3	36.0	35.5	35.0	34.5	34.3	33.7
G6.0	37.8	37.5	37.2	36.8	36.3	35.9	35.2	34.6	34.3	33.6
G7.0	38.3	38.1	37.8	37.3	36.8	36.2	35.5	34.8	34.4	33.6
G8.0	39.0	38.8	38.3	37.8	37.2	36.7	35.8	35.1	34.5	33.6
G9.0	39.7	39.4	39.0	38.4	37.8	37.1	36.2	35.4	34.6	33.5
G10.0	40.5	40.1	39.6	39.0	38.3	37.6	36.6	35.7	34.7	33.5
G11.0	41.4	41.0	40.4	39.7	39.0	38.2	37.1	36.1	34.8	33.5
G12.0	42.2	41.8	41.2	40.4	39.6	38.8	37.6	36.5	35.0	33.4
G13.0	43.2	42.7	42.0	41.2	40.3	39.4	38.1	36.9	35.2	33.4
G14.0	44.3	43.8	43.0	42.1	41.1	40.2	38.8	37.4	35.4	33.4
G15.0	45.5	45.0	44.0	43.1	41.9	40.9	39.4	37.9	35.6	33.4
G16.0	46.8	46.3	45.1	44.1	42.7	41.8	40.0	38.5	35.9	33.4
G17.0	48.3	47.6	46.5	45.2	43.7	42.5	40.8	39.1	36.2	33.4
G18.0	49.6	48.9	47.8	46.4	44.6	43.4	41.6	39.7	36.4	33.5
G19.0	51.1	50.4	49.3	47.8	45.8	44.4	42.4	40.3	36.8	33.5
G20.0	52.4	51.8	50.7	49.2	47.0	45.4	43.2	40.9	37.1	33.5
G21.0	53.9	53.2	52.1	50.6	48.1	46.3	44.0	41.6	37.5	33.6
G22.0	55.5	54.9	53.8	52.2	49.5	47.5	45.0	42.3	37.8	33.7
G23.0	56.9	56.3	55.3	53.7	51.0	48.7	45.9	43.0	38.2	33.8
G24.0	58.4	57.9	56.8	55.4	52.4	50.0	46.8	43.8	38.7	33.9
G25.0	59.9	59.4	58.4	56.9	54.0	51.2	47.9	44.6	39.2	34.0
G26.0	61.2	60.7	60.0	58.6	55.6	52.5	49.0	45.5	39.7	34.2
G27.0	62.3	62.1	61.6	60.2	57.2	54.0	50.1	46.4	40.2	34.4
G28.0	63.2	63.1	62.8	61.7	58.8	55.4	51.2	47.3	40.7	34.6
G29.0	63.9	64.0	64.0	63.1	60.4	56.8	52.3	48.2	41.3	34.8
G30.0	64.4	64.7	65.0	64.5	62.1	58.5	53.6	49.2	41.9	35.0
G31.0	64.8	65.2	65.8	65.7	63.7	60.1	54.8	50.2	42.6	35.2
G32.0	64.9	65.5	66.5	66.8	65.4	61.7	56.2	51.4	43.2	35.5
G33.0	65.1	65.6	66.8	67.5	66.8	63.3	57.5	52.5	43.9	35.9
G34.0	65.1	65.7	67.0	68.1	68.2	64.9	58.9	53.7	44.5	36.2
G35.0	65.0	65.7	67.0	68.5	69.5	66.7	60.6	55.1	45.3	36.7
G36.0	64.7	65.6	67.0	68.7	70.5	68.2	62.1	56.2	46.1	37.1

C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.460 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C100.0	C110.0	C120.0	C130.0	C140.0	C150.0	C160.0	C170.0	C180.0	C190.0
G37.0	64.0	65.1	66.9	68.6	71.5	70.0	63.7	57.5	46.8	37.4
G38.0	62.9	64.4	66.6	68.5	72.4	71.6	65.5	58.7	47.6	37.8
G39.0	61.4	63.2	66.1	68.4	73.0	73.0	67.1	60.0	48.4	38.0
G40.0	59.2	61.6	65.2	68.2	73.5	74.5	68.7	61.4	49.2	38.3
G41.0	56.8	59.5	64.0	67.9	73.8	75.8	70.1	62.8	50.0	38.6
G42.0	54.0	57.0	62.4	67.3	73.9	76.8	71.7	64.1	50.8	38.9
G43.0	51.0	53.9	60.3	66.6	73.9	78.1	73.4	65.6	51.7	39.3
G44.0	47.8	51.0	57.8	65.5	73.8	79.2	75.1	66.9	52.5	39.6
G45.0	44.6	47.7	55.1	64.1	73.7	80.4	76.9	68.4	53.4	39.9
G46.0	40.7	44.4	52.2	62.3	73.6	81.4	79.0	69.9	54.3	40.2
G47.0	36.9	41.2	49.3	60.3	73.4	82.3	81.1	71.4	55.2	40.5
G48.0	32.8	37.3	46.1	57.7	73.0	83.2	83.3	73.3	56.0	40.8
G49.0	29.4	33.9	43.1	55.2	72.4	84.0	85.3	75.0	56.8	41.1
G50.0	26.5	30.6	40.2	52.5	71.5	84.7	87.1	76.8	57.5	41.4
G51.0	23.6	27.5	36.7	49.6	70.1	85.5	89.2	78.8	58.3	41.6
G52.0	21.4	24.9	33.7	46.8	68.4	86.2	90.9	80.7	58.9	41.7
G53.0	19.6	22.5	30.8	43.8	66.1	86.8	92.6	82.8	59.7	41.8
G54.0	17.9	20.5	27.9	40.7	63.4	87.0	94.4	84.9	60.6	42.0
G55.0	16.6	18.8	25.5	37.6	60.5	87.0	95.8	86.9	61.4	42.3
G56.0	15.5	17.3	23.1	34.4	57.4	86.4	97.3	89.3	62.5	42.6
G57.0	14.5	16.2	21.2	31.4	54.2	85.4	98.5	91.4	63.6	43.0
G58.0	13.7	15.1	19.4	28.8	51.1	83.9	99.8	93.7	64.8	43.5
G59.0	12.9	14.1	17.7	26.0	47.4	81.6	101.0	96.1	66.5	44.2
G60.0	12.2	13.3	16.4	23.8	44.0	79.0	102.0	98.5	68.1	45.0
G61.0	11.7	12.5	15.3	21.5	40.3	75.3	103.0	101.1	70.2	46.0
G62.0	11.1	11.8	14.1	19.6	36.5	71.8	104.0	103.4	72.3	47.0
G63.0	10.5	11.2	13.2	17.9	33.1	67.9	104.6	105.7	75.0	48.2
G64.0	10.0	10.6	12.3	16.3	29.5	63.3	104.9	108.3	78.2	49.7
G65.0	9.5	10.1	11.6	14.9	26.6	59.0	104.6	110.4	81.7	51.3
G66.0	9.0	9.6	10.9	13.7	23.7	54.6	104.0	112.7	86.1	52.8
G67.0	8.5	9.0	10.2	12.6	21.1	49.3	102.6	115.2	90.6	54.5
G68.0	8.0	8.5	9.5	11.6	18.9	44.6	100.3	117.6	95.5	56.0
G69.0	7.6	8.0	8.9	10.6	16.9	39.4	97.4	120.3	101.8	57.3
G70.0	7.1	7.5	8.3	9.8	15.0	34.6	92.9	122.3	107.2	58.1
G71.0	6.6	7.0	7.8	9.0	13.5	30.4	87.8	124.1	112.3	58.2
G72.0	6.2	6.5	7.2	8.2	11.9	26.1	81.5	125.3	117.0	57.3
G73.0	5.7	6.1	6.7	7.6	10.7	22.8	75.4	125.6	119.9	55.2

C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.460 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C200.0	C210.0	C220.0	C230.0	C240.0	C250.0	C260.0	C270.0	C280.0	C290.0
G0.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
G1.0	34.1	34.0	33.9	33.8	33.8	33.7	33.8	33.7	33.8	33.8
G2.0	33.9	33.7	33.5	33.4	33.3	33.2	33.2	33.2	33.3	33.3
G3.0	33.7	33.3	33.2	32.9	32.9	32.7	32.7	32.6	32.7	32.8
G4.0	33.4	33.0	32.8	32.5	32.4	32.2	32.2	32.2	32.3	32.4
G5.0	33.3	32.8	32.5	32.1	32.0	31.8	31.7	31.7	31.8	31.9
G6.0	33.1	32.5	32.1	31.7	31.5	31.3	31.2	31.2	31.3	31.5
G7.0	32.9	32.3	31.8	31.3	31.1	30.8	30.8	30.7	30.8	31.1
G8.0	32.7	32.0	31.4	30.9	30.7	30.4	30.3	30.3	30.3	30.6
G9.0	32.6	31.7	31.1	30.5	30.2	29.9	29.8	29.8	29.9	30.1
G10.0	32.4	31.4	30.7	30.1	29.8	29.5	29.4	29.4	29.5	29.7
G11.0	32.2	31.1	30.3	29.7	29.4	29.0	29.0	28.9	29.0	29.2
G12.0	32.0	30.8	29.9	29.3	28.9	28.6	28.6	28.5	28.6	28.8
G13.0	31.8	30.5	29.6	28.8	28.5	28.2	28.1	28.1	28.2	28.4
G14.0	31.6	30.1	29.1	28.4	28.0	27.8	27.7	27.6	27.8	27.9
G15.0	31.4	29.8	28.7	28.0	27.6	27.4	27.3	27.3	27.3	27.5
G16.0	31.2	29.5	28.3	27.5	27.1	26.9	26.9	26.9	26.9	27.0
G17.0	31.0	29.1	27.9	27.1	26.7	26.5	26.5	26.5	26.5	26.6
G18.0	30.8	28.8	27.5	26.6	26.3	26.1	26.1	26.1	26.1	26.2
G19.0	30.6	28.4	27.0	26.2	25.9	25.7	25.7	25.7	25.7	25.8
G20.0	30.4	28.1	26.6	25.8	25.5	25.3	25.3	25.3	25.3	25.3
G21.0	30.2	27.7	26.1	25.4	25.1	24.9	25.0	25.0	24.9	24.9
G22.0	30.0	27.3	25.8	25.0	24.7	24.6	24.6	24.6	24.5	24.5
G23.0	29.8	27.0	25.4	24.6	24.3	24.2	24.3	24.2	24.2	24.1
G24.0	29.6	26.6	25.0	24.2	24.0	23.8	23.9	23.8	23.8	23.7
G25.0	29.4	26.3	24.6	23.9	23.6	23.5	23.6	23.5	23.4	23.3
G26.0	29.3	25.9	24.2	23.5	23.3	23.2	23.2	23.2	23.1	22.9
G27.0	29.2	25.6	23.9	23.1	23.0	22.9	22.9	22.8	22.7	22.6
G28.0	29.0	25.3	23.5	22.8	22.7	22.6	22.6	22.5	22.4	22.2
G29.0	29.0	25.1	23.2	22.5	22.3	22.3	22.3	22.2	22.1	21.9
G30.0	28.9	24.8	22.9	22.1	22.0	22.0	21.9	21.9	21.8	21.6
G31.0	28.8	24.6	22.6	21.8	21.8	21.7	21.7	21.6	21.5	21.3
G32.0	28.8	24.4	22.3	21.5	21.5	21.4	21.4	21.3	21.2	21.0
G33.0	28.9	24.2	22.1	21.2	21.2	21.2	21.1	21.0	21.0	20.8
G34.0	29.1	24.1	21.9	21.0	20.9	20.9	20.9	20.8	20.7	20.5
G35.0	29.5	24.0	21.7	20.7	20.6	20.7	20.7	20.6	20.5	20.2
G36.0	29.8	23.9	21.5	20.5	20.4	20.4	20.4	20.3	20.3	20.0

C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.460 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C200.0	C210.0	C220.0	C230.0	C240.0	C250.0	C260.0	C270.0	C280.0	C290.0
G37.0	30.3	23.8	21.3	20.3	20.2	20.2	20.2	20.1	20.0	19.8
G38.0	30.9	23.8	21.2	20.2	20.0	20.0	20.0	19.9	19.8	19.5
G39.0	31.4	23.7	21.1	20.0	19.8	19.8	19.9	19.7	19.7	19.3
G40.0	31.7	23.8	20.9	19.8	19.5	19.6	19.7	19.5	19.4	19.1
G41.0	31.9	23.8	20.7	19.6	19.3	19.4	19.5	19.3	19.3	18.9
G42.0	31.9	23.9	20.6	19.4	19.1	19.2	19.4	19.1	19.1	18.8
G43.0	31.7	23.9	20.4	19.2	18.9	19.1	19.3	19.0	18.9	18.6
G44.0	31.6	23.9	20.4	19.1	18.8	18.9	19.2	18.9	18.8	18.4
G45.0	31.3	23.8	20.2	19.0	18.7	18.8	19.1	18.8	18.6	18.3
G46.0	31.2	23.7	20.1	18.8	18.5	18.6	18.9	18.6	18.5	18.1
G47.0	31.2	23.5	19.9	18.7	18.3	18.5	18.8	18.5	18.3	18.0
G48.0	31.4	23.5	19.8	18.6	18.2	18.3	18.6	18.4	18.2	17.8
G49.0	31.4	23.4	19.7	18.5	18.1	18.2	18.5	18.3	18.0	17.7
G50.0	31.4	23.4	19.6	18.4	18.0	18.0	18.4	18.1	17.9	17.5
G51.0	31.4	23.5	19.7	18.4	17.8	17.8	18.3	18.0	17.7	17.3
G52.0	31.5	23.5	19.7	18.3	17.7	17.7	18.1	17.8	17.5	17.2
G53.0	31.6	23.6	19.9	18.3	17.6	17.5	18.0	17.7	17.3	17.0
G54.0	32.0	23.9	20.0	18.3	17.5	17.3	17.8	17.4	17.1	16.9
G55.0	32.4	24.1	20.1	18.3	17.4	17.1	17.6	17.2	16.9	16.7
G56.0	33.0	24.5	20.3	18.3	17.2	16.9	17.3	17.0	16.6	16.5
G57.0	33.5	24.8	20.4	18.3	17.1	16.7	17.0	16.7	16.4	16.3
G58.0	34.1	25.1	20.5	18.3	17.0	16.5	16.7	16.4	16.1	16.0
G59.0	34.8	25.5	20.6	18.3	16.8	16.1	16.4	16.0	15.7	15.8
G60.0	35.3	25.8	20.7	18.2	16.6	15.8	16.0	15.6	15.3	15.5
G61.0	36.1	26.1	20.7	18.0	16.4	15.5	15.6	15.2	14.9	15.2
G62.0	36.8	26.4	20.6	17.9	16.1	15.1	15.1	14.7	14.5	14.8
G63.0	37.5	26.6	20.5	17.7	15.9	14.7	14.7	14.3	14.0	14.4
G64.0	38.3	26.7	20.3	17.4	15.5	14.3	14.1	13.7	13.5	14.0
G65.0	38.9	26.7	20.0	17.1	15.2	13.9	13.6	13.2	13.1	13.6
G66.0	39.4	26.4	19.6	16.8	14.8	13.5	13.1	12.6	12.5	13.2
G67.0	39.5	25.9	19.1	16.4	14.4	13.0	12.5	12.1	12.1	12.7
G68.0	39.2	25.2	18.6	15.9	13.9	12.5	12.0	11.6	11.6	12.3
G69.0	38.3	24.3	17.9	15.4	13.3	12.0	11.4	11.0	11.0	11.8
G70.0	36.9	23.0	17.2	14.8	12.8	11.4	10.9	10.4	10.5	11.3
G71.0	34.7	21.7	16.4	14.1	12.2	10.9	10.4	9.9	10.0	10.8
G72.0	32.0	20.0	15.4	13.3	11.6	10.2	9.7	9.2	9.3	10.1
G73.0	29.1	18.4	14.3	12.6	10.9	9.6	8.7	8.4	8.3	9.4

C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.460 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C310.0	C320.0	C330.0	C340.0	C350.0	C360.0			
G0.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3			
G1.0	33.9	33.9	34.0	34.1	34.2	34.3	34.4			
G2.0	33.4	33.5	33.8	34.0	34.2	34.4	34.5			
G3.0	33.0	33.2	33.5	33.8	34.1	34.5	34.6			
G4.0	32.6	32.8	33.3	33.6	34.1	34.5	34.8			
G5.0	32.2	32.5	33.0	33.5	34.0	34.6	34.9			
G6.0	31.8	32.2	32.7	33.3	34.0	34.7	35.2			
G7.0	31.4	31.8	32.4	33.1	33.9	34.8	35.4			
G8.0	30.9	31.4	32.1	32.9	33.8	34.8	35.6			
G9.0	30.5	31.0	31.8	32.7	33.7	34.9	35.8			
G10.0	30.1	30.7	31.5	32.5	33.7	35.0	36.1			
G11.0	29.6	30.2	31.1	32.2	33.6	35.1	36.4			
G12.0	29.2	29.8	30.7	31.9	33.4	35.2	36.7			
G13.0	28.8	29.3	30.3	31.6	33.3	35.3	37.0			
G14.0	28.3	28.9	29.9	31.3	33.2	35.4	37.3			
G15.0	27.8	28.4	29.4	31.0	33.1	35.5	37.7			
G16.0	27.3	27.9	29.0	30.6	32.9	35.6	38.0			
G17.0	26.8	27.4	28.5	30.2	32.7	35.7	38.4			
G18.0	26.4	27.0	28.1	29.9	32.6	35.8	38.8			
G19.0	26.0	26.5	27.6	29.5	32.4	35.9	39.2			
G20.0	25.5	26.0	27.1	29.1	32.2	36.0	39.7			
G21.0	25.0	25.5	26.6	28.8	32.1	36.2	40.1			
G22.0	24.6	25.0	26.2	28.4	32.0	36.4	40.7			
G23.0	24.1	24.6	25.8	28.0	31.9	36.6	41.2			
G24.0	23.7	24.1	25.3	27.7	31.7	36.9	41.7			
G25.0	23.3	23.7	24.9	27.4	31.7	37.1	42.4			
G26.0	22.9	23.3	24.6	27.1	31.7	37.4	43.0			
G27.0	22.6	22.9	24.2	26.8	31.7	37.7	43.6			
G28.0	22.2	22.6	23.8	26.6	31.7	38.1	44.3			
G29.0	21.8	22.2	23.5	26.4	31.7	38.4	45.0			
G30.0	21.5	21.9	23.3	26.2	31.8	38.8	45.9			
G31.0	21.2	21.6	23.0	26.1	31.8	39.2	46.7			
G32.0	20.9	21.3	22.8	26.0	31.9	39.7	47.7			
G33.0	20.6	21.1	22.6	25.9	32.1	40.1	48.6			
G34.0	20.4	20.8	22.4	25.8	32.2	40.6	49.5			
G35.0	20.1	20.6	22.2	25.7	32.4	41.1	50.6			
G36.0	19.9	20.4	22.1	25.7	32.6	41.7	51.6			

C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.460 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 10)

Unit: cd

G\C	C300.0	C310.0	C320.0	C330.0	C340.0	C350.0	C360.0			
G37.0	19.7	20.2	21.9	25.7	32.8	42.2	52.7			
G38.0	19.5	20.1	21.9	25.7	33.0	42.8	53.9			
G39.0	19.3	19.9	21.7	25.7	33.2	43.4	55.1			
G40.0	19.2	19.8	21.6	25.7	33.4	44.0	56.5			
G41.0	19.0	19.6	21.6	25.7	33.6	44.6	57.7			
G42.0	18.8	19.5	21.5	25.8	33.9	45.1	59.1			
G43.0	18.7	19.4	21.4	25.9	34.2	45.8	60.5			
G44.0	18.6	19.4	21.5	26.0	34.4	46.3	61.9			
G45.0	18.4	19.3	21.4	26.1	34.7	46.9	63.1			
G46.0	18.3	19.2	21.4	26.3	34.9	47.5	64.6			
G47.0	18.2	19.2	21.5	26.5	35.2	47.9	65.9			
G48.0	18.1	19.1	21.5	26.7	35.5	48.4	67.2			
G49.0	18.0	19.1	21.6	27.0	35.7	48.7	68.4			
G50.0	18.0	19.1	21.7	27.3	36.1	49.1	69.8			
G51.0	17.9	19.1	21.9	27.6	36.5	49.6	71.3			
G52.0	17.8	19.1	22.1	28.0	37.0	50.1	72.9			
G53.0	17.7	19.2	22.2	28.4	37.6	50.7	74.7			
G54.0	17.7	19.2	22.4	28.9	38.3	51.5	76.7			
G55.0	17.6	19.3	22.6	29.4	39.1	52.3	78.9			
G56.0	17.5	19.3	22.8	30.0	40.0	53.4	81.6			
G57.0	17.4	19.3	22.9	30.6	40.9	54.5	84.1			
G58.0	17.3	19.3	23.1	31.1	41.9	55.9	87.1			
G59.0	17.1	19.2	23.2	31.7	43.1	57.6	90.5			
G60.0	17.0	19.1	23.3	32.1	44.2	59.3	94.0			
G61.0	16.7	18.9	23.2	32.5	45.4	61.5	97.9			
G62.0	16.5	18.6	23.0	32.7	46.4	63.7	102.8			
G63.0	16.2	18.3	22.8	32.7	47.3	66.1	107.4			
G64.0	15.8	18.0	22.3	32.4	48.0	68.6	112.8			
G65.0	15.3	17.6	21.7	31.8	48.4	71.0	118.1			
G66.0	14.8	17.1	20.9	30.9	48.2	73.0	123.6			
G67.0	14.3	16.5	20.2	29.5	47.4	75.2	130.0			
G68.0	13.7	15.9	19.2	28.0	45.8	76.7	134.7			
G69.0	13.2	15.2	18.2	26.0	43.4	77.3	139.4			
G70.0	12.6	14.5	17.1	24.1	40.6	77.0	143.2			
G71.0	12.0	13.8	16.0	22.0	37.1	75.3	144.4			
G72.0	11.4	12.9	14.7	19.7	33.0	72.2	142.5			
G73.0	10.7	11.9	13.3	17.6	28.9	68.1	137.9			

C Plane (°):0.0-360.0: 10.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-90.0:1.0
 Test Device: GPM-1600L
 Distance: 7.460 m [K=1.0000]
 Humidity:
 Inspector:

