

Report No.:

Test Time: 2018-08-27 15:01

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MR16-7W-27K-80D Voltage: 12.0 V

Current: 0.670 A

Power: 6.50 W

Power Factor: 0.805

Photometric Results

CIE Class: Direct

Measurement Flux: 638.4 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,25%,50%,75%): H113.9,H96.4,H62.1,H39.3

Vertical Diffuse Angle(10%,25%,50%,75%): V114.2,V96.1,V62.9,V40

Luminaire Efficacy Rating (LER): 98

Max. Intensity: 511.78 cd

Total Rated Lamp Lumens: 638.4 lm

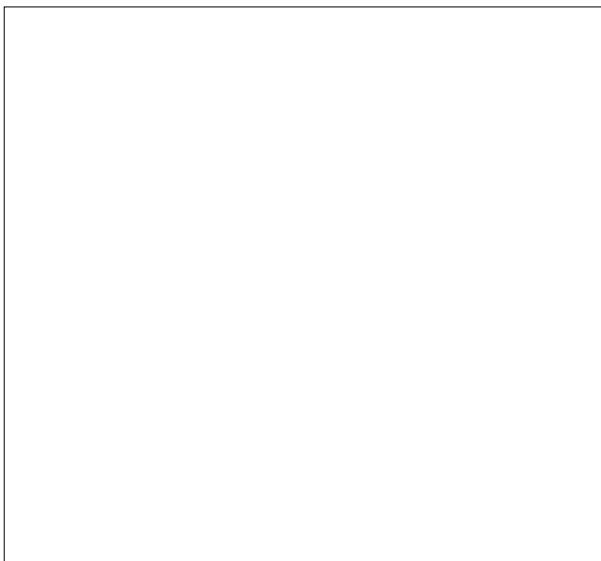
Efficiency: 100%

Upward Ratio: 1%

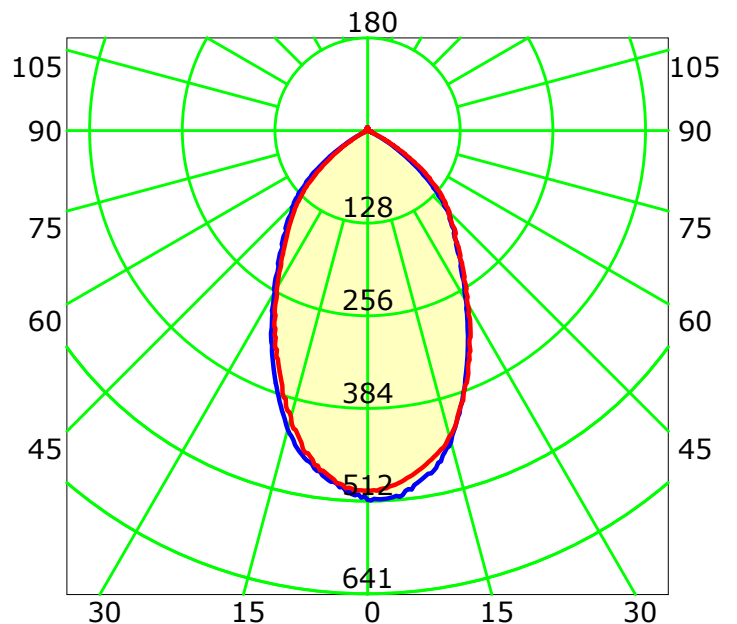
Central Intensity: 510.84 cd

Pos of Max. Intensity: H0 V0.5

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

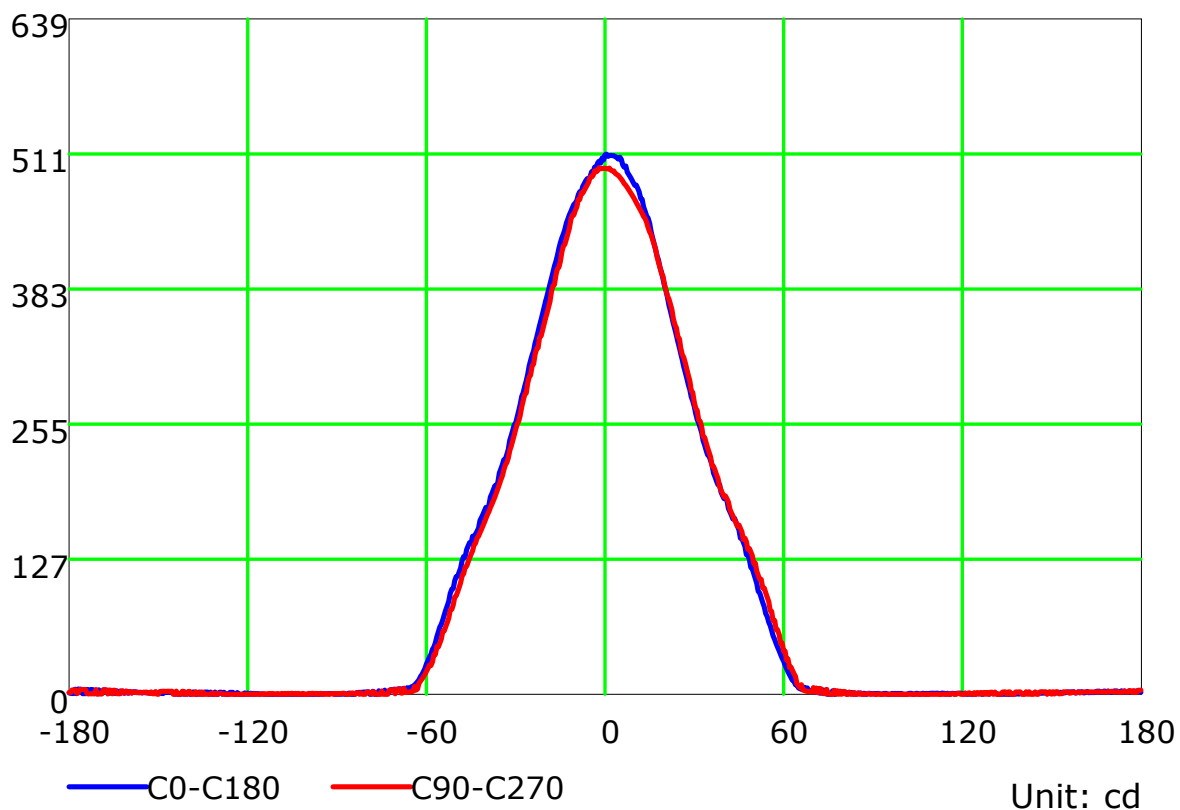
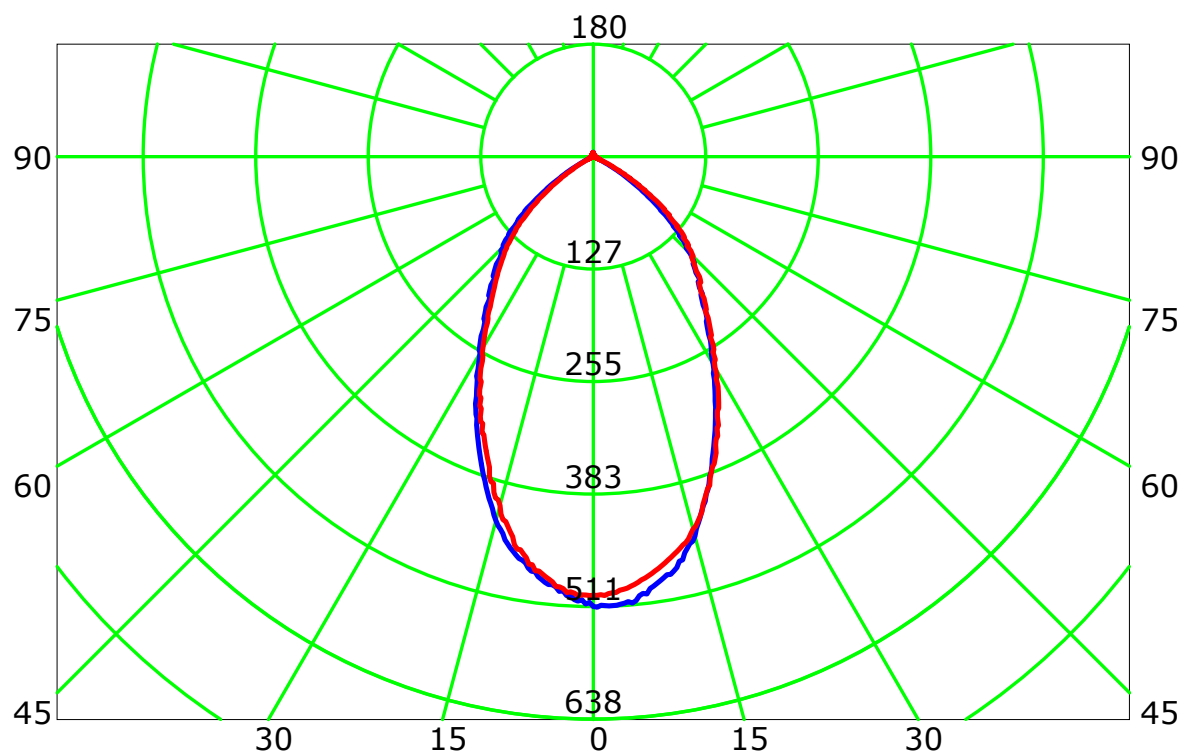
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Luminous Intensity Distribution Curve

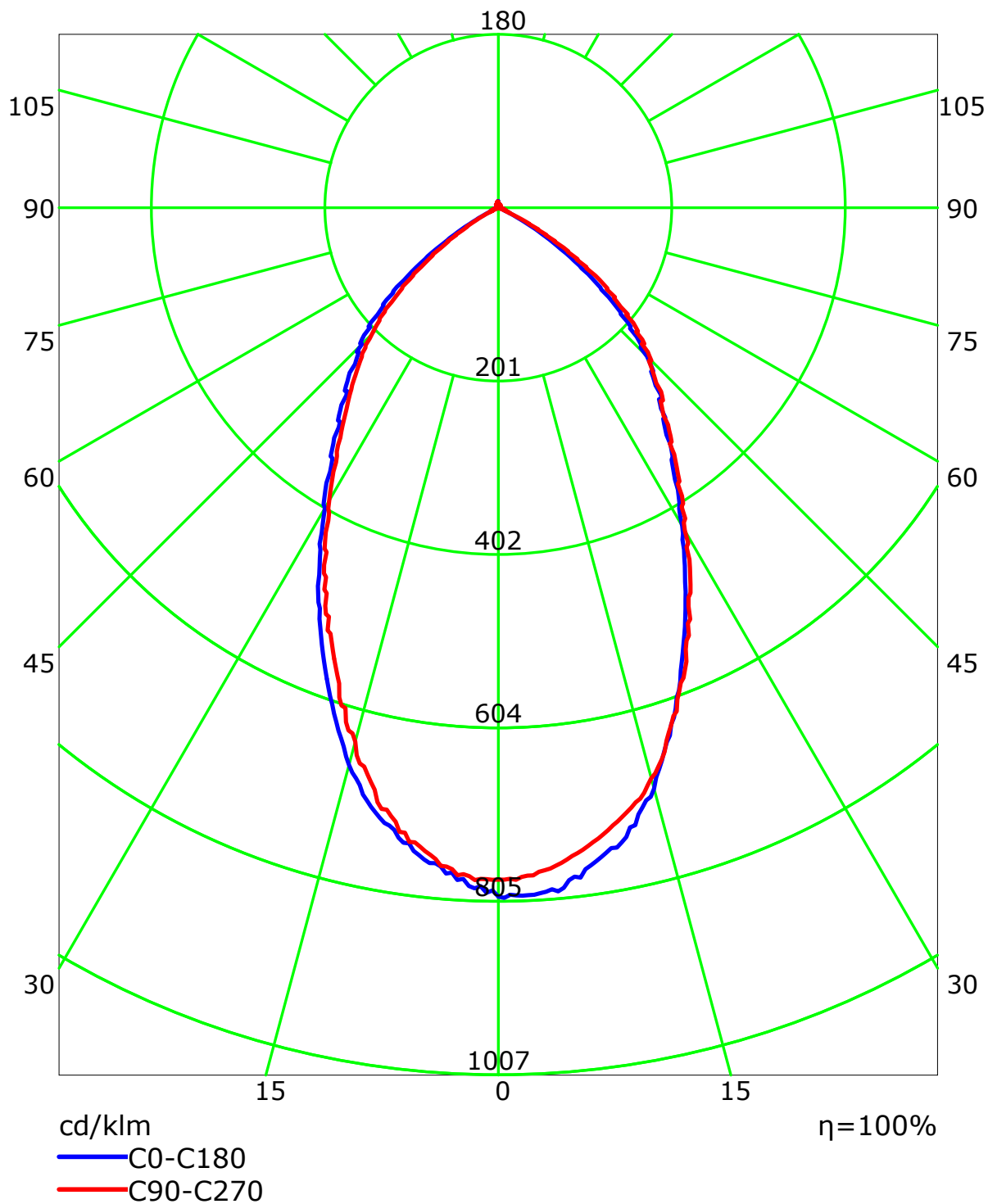


Unit: cd

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

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



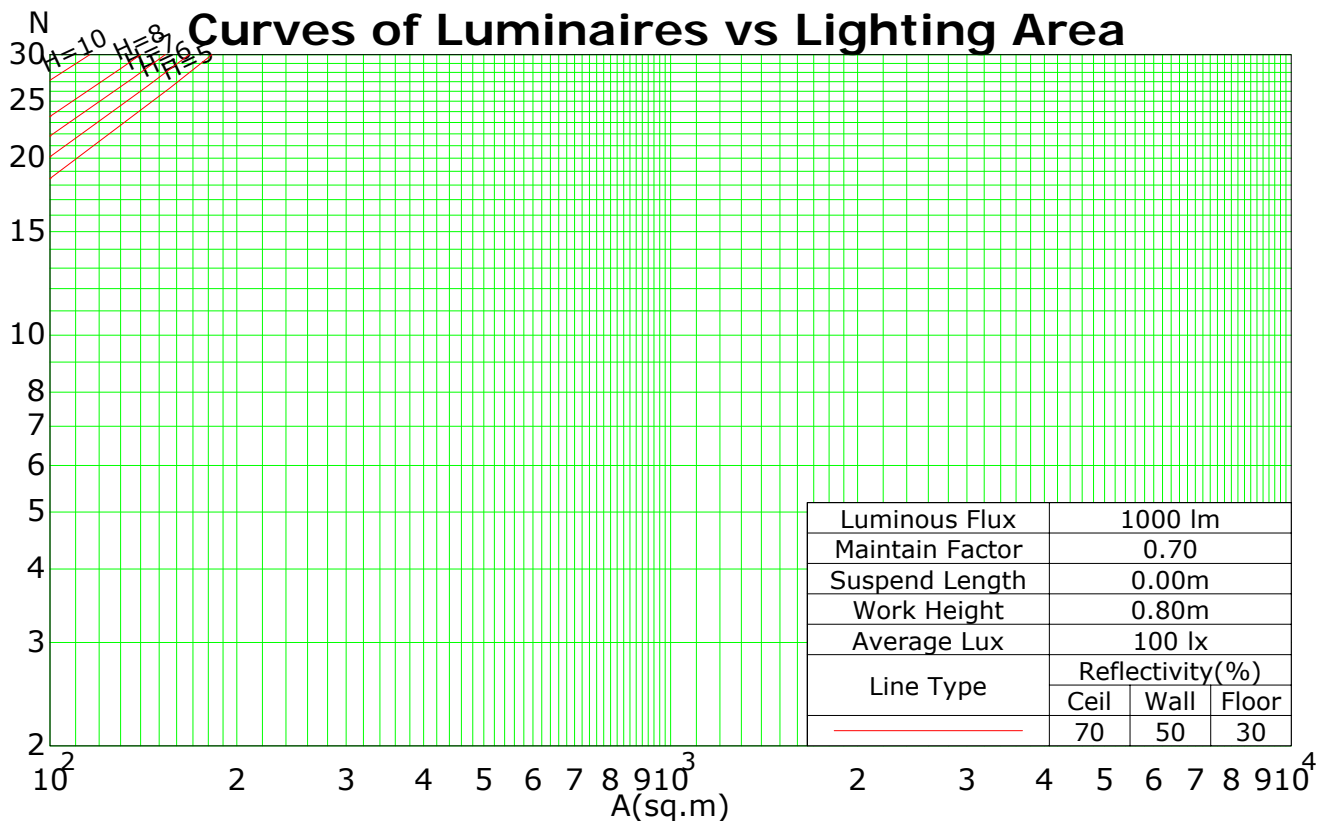
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 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	111	111	111	106	106	106	101	101	101	99
1	112	109	106	103	110	107	104	102	102	100	98	98	97	95	95	94	92	90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81
3	98	90	84	80	96	89	83	79	86	81	77	83	79	76	81	78	75	73
4	92	83	76	71	90	81	75	70	79	74	69	77	72	68	75	71	68	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	69	65	61	60
6	80	70	63	57	79	69	62	57	67	61	57	66	60	56	64	59	56	54
7	76	65	57	52	74	64	57	52	62	56	52	61	55	51	60	55	51	49
8	71	60	53	48	70	59	52	48	58	52	47	57	51	47	56	51	47	45
9	67	56	49	44	66	55	49	44	54	48	44	53	48	44	52	47	43	42
10	63	52	45	41	62	52	45	41	51	45	41	50	44	40	49	44	40	39

Spacing Criteria (0-180): 0.89
Spacing Criteria (90-270): 0.90
Spacing Criteria (Diagonal): 0.95



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

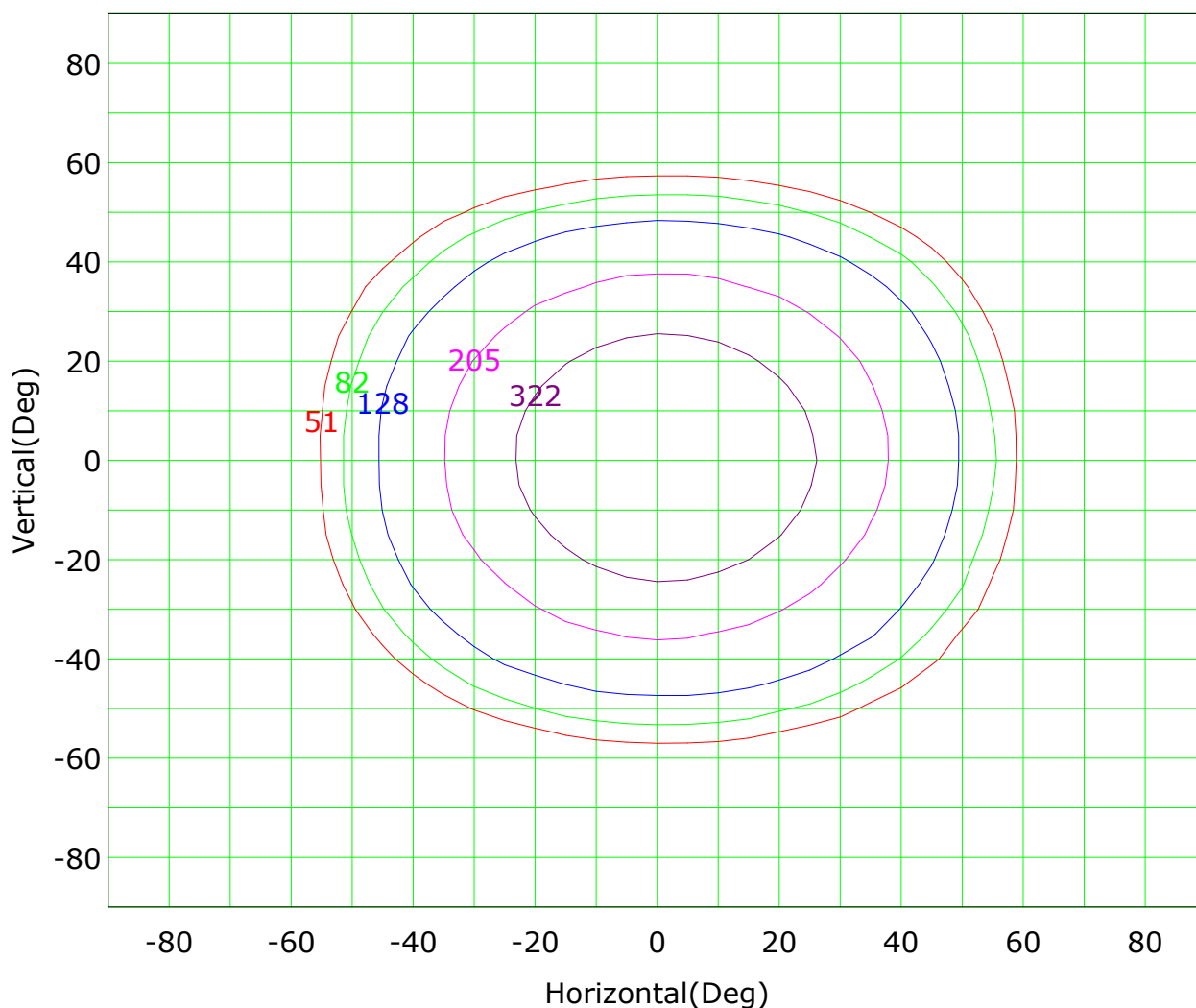
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 512 cd

(10%): 51 cd	(16%): 82 cd
(25%): 128 cd	(40%): 205 cd
(63%): 322 cd	(100%): 512 cd

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

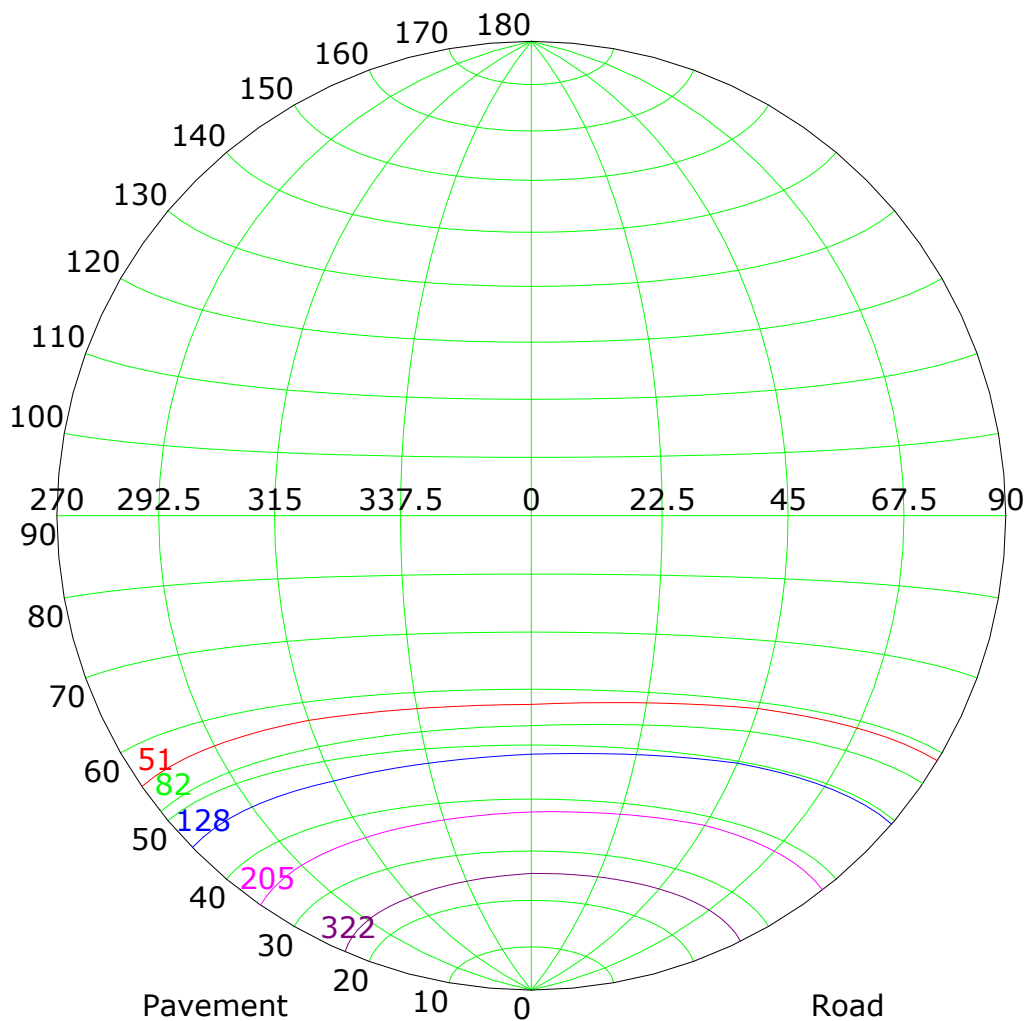
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 512 cd

(10%):	51 cd	(16%):	82 cd
(25%):	128 cd	(40%):	205 cd
(63%):	322 cd	(100%):	512 cd

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

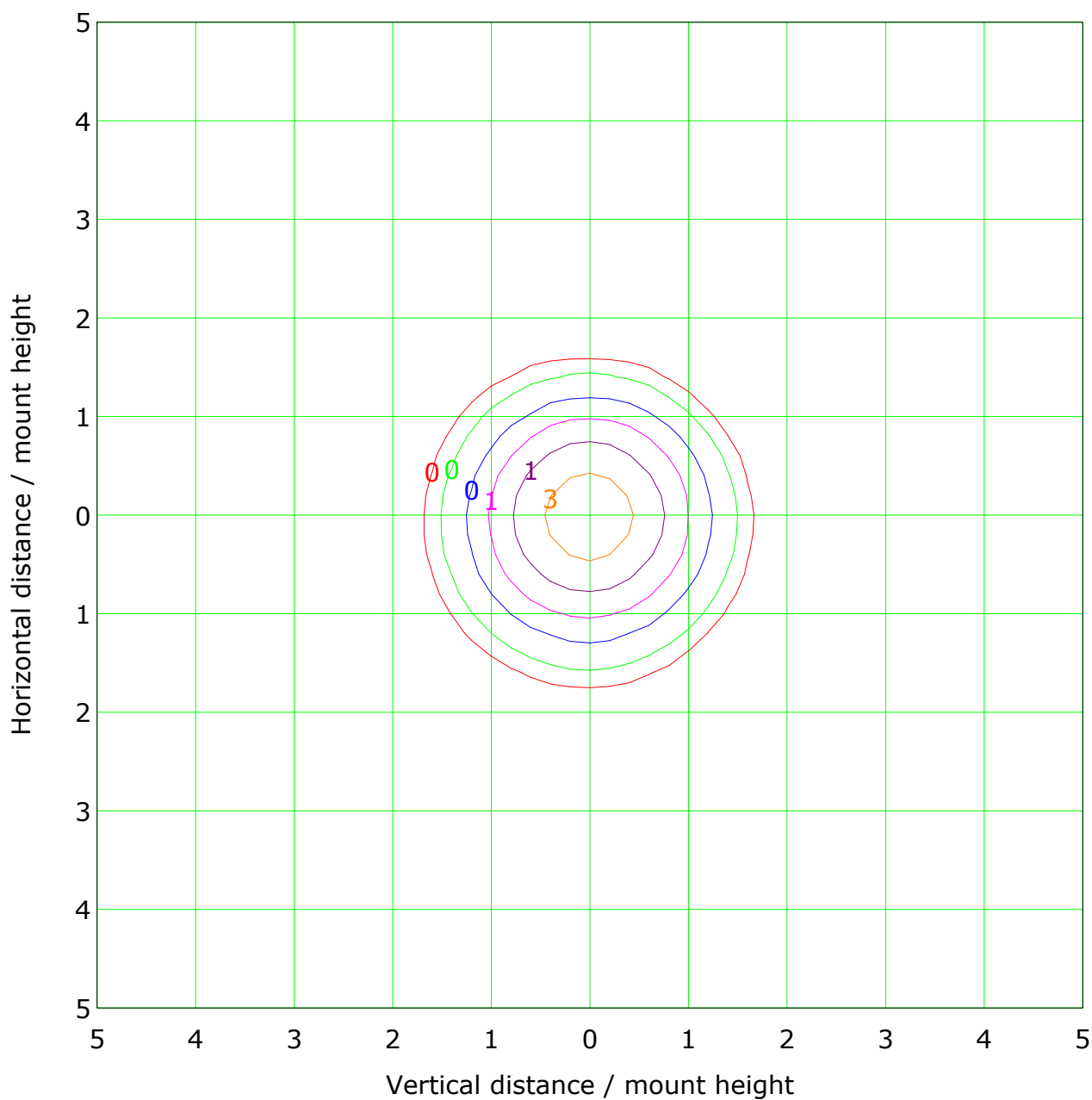
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 5.1 lx

— (1%): 0.1 lx	— (2%): 0.1 lx
— (5%): 0.3 lx	— (10%): 0.5 lx
— (20%): 1.0 lx	— (50%): 2.6 lx
— (100%): 5.1 lx	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

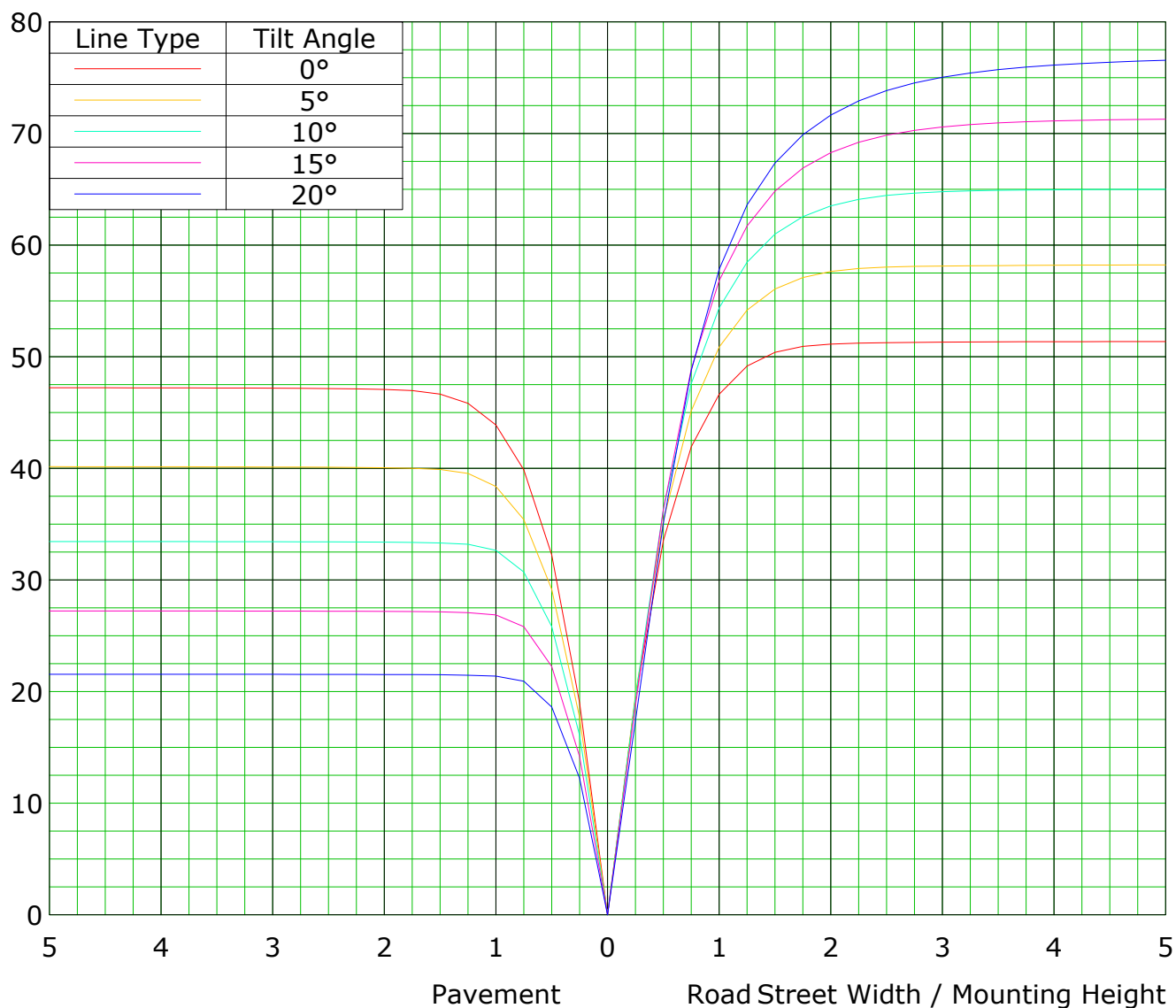
Distance: 8.177 m

Humidity:

Inspector:

Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

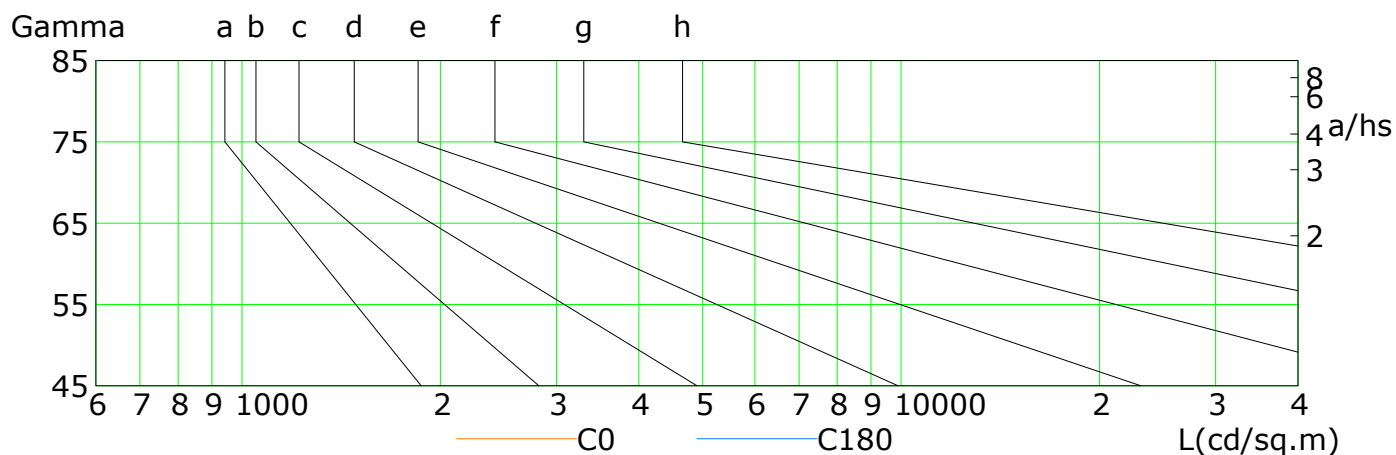
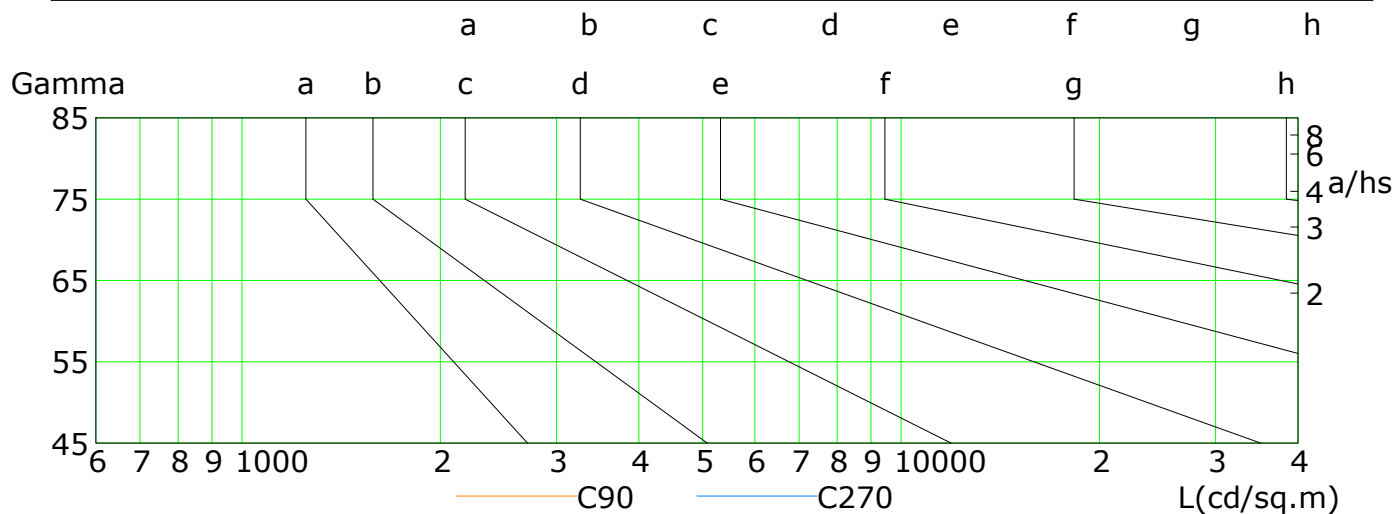
Distance: 8.177 m

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	156	114	68	31	6	6	0	2	1
C90	161	124	88	41	8	6	0	3	1
C180	143	112	66	29	7	3	1	2	0
C270	133	93	52	22	3	5	3	2	1

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

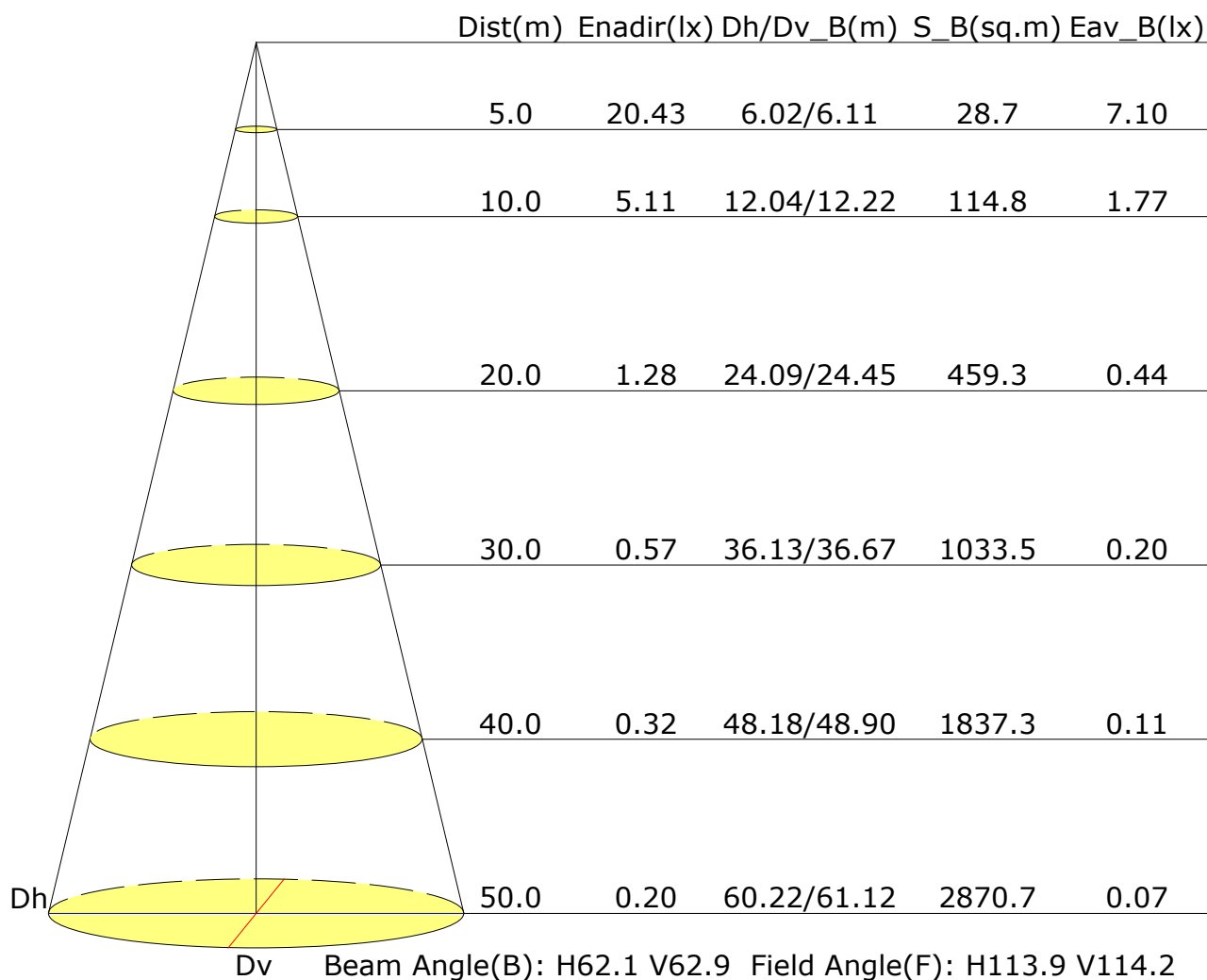
Test Device: GPM-1600

Distance: 8.177 m

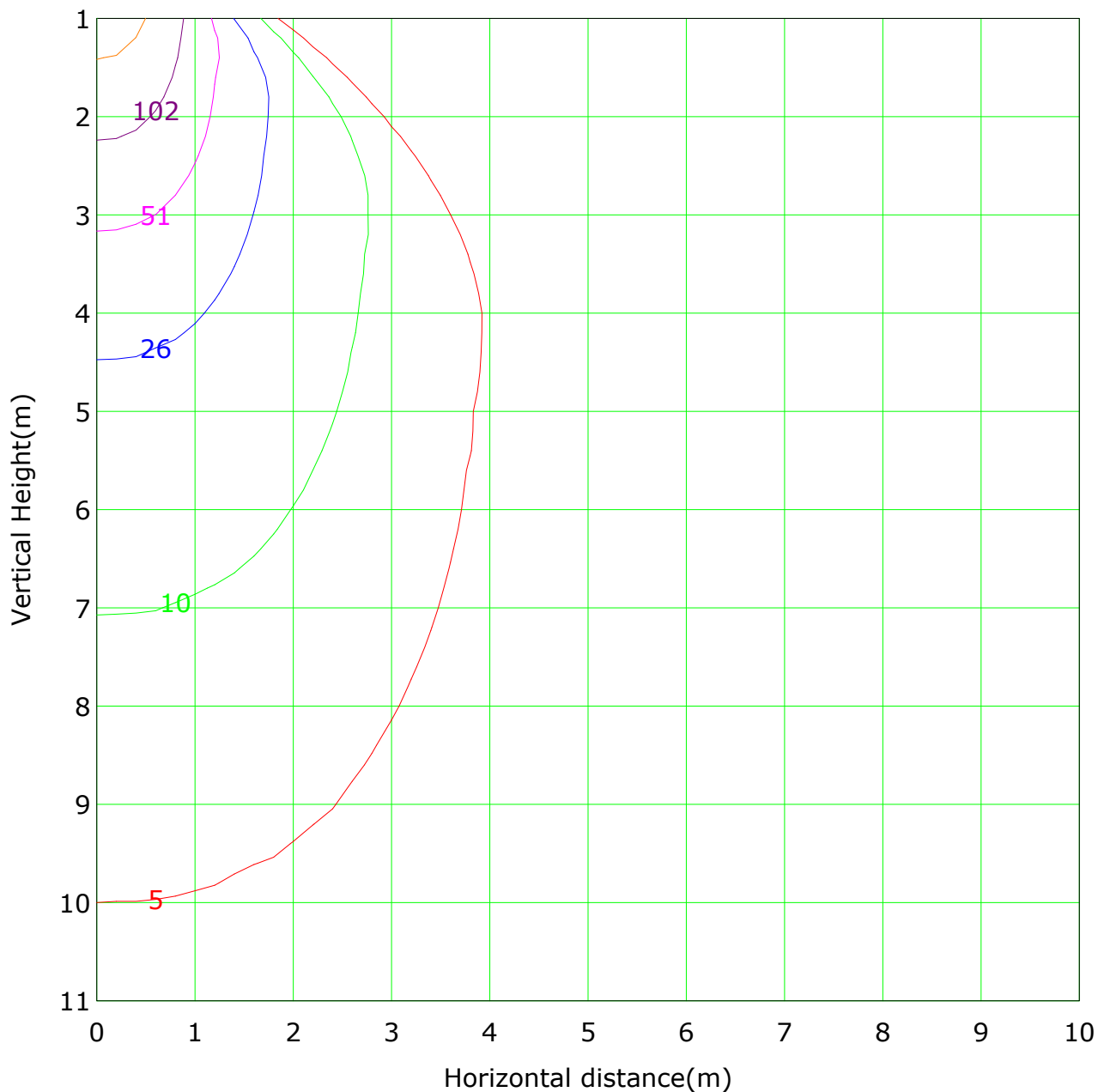
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 510.8 lx

— (1%): 5.1 lx	— (2%): 10.2 lx
— (5%): 25.5 lx	— (10%): 51.1 lx
— (20%): 102.2 lx	— (50%): 255.4 lx
— (100%): 510.8 lx	

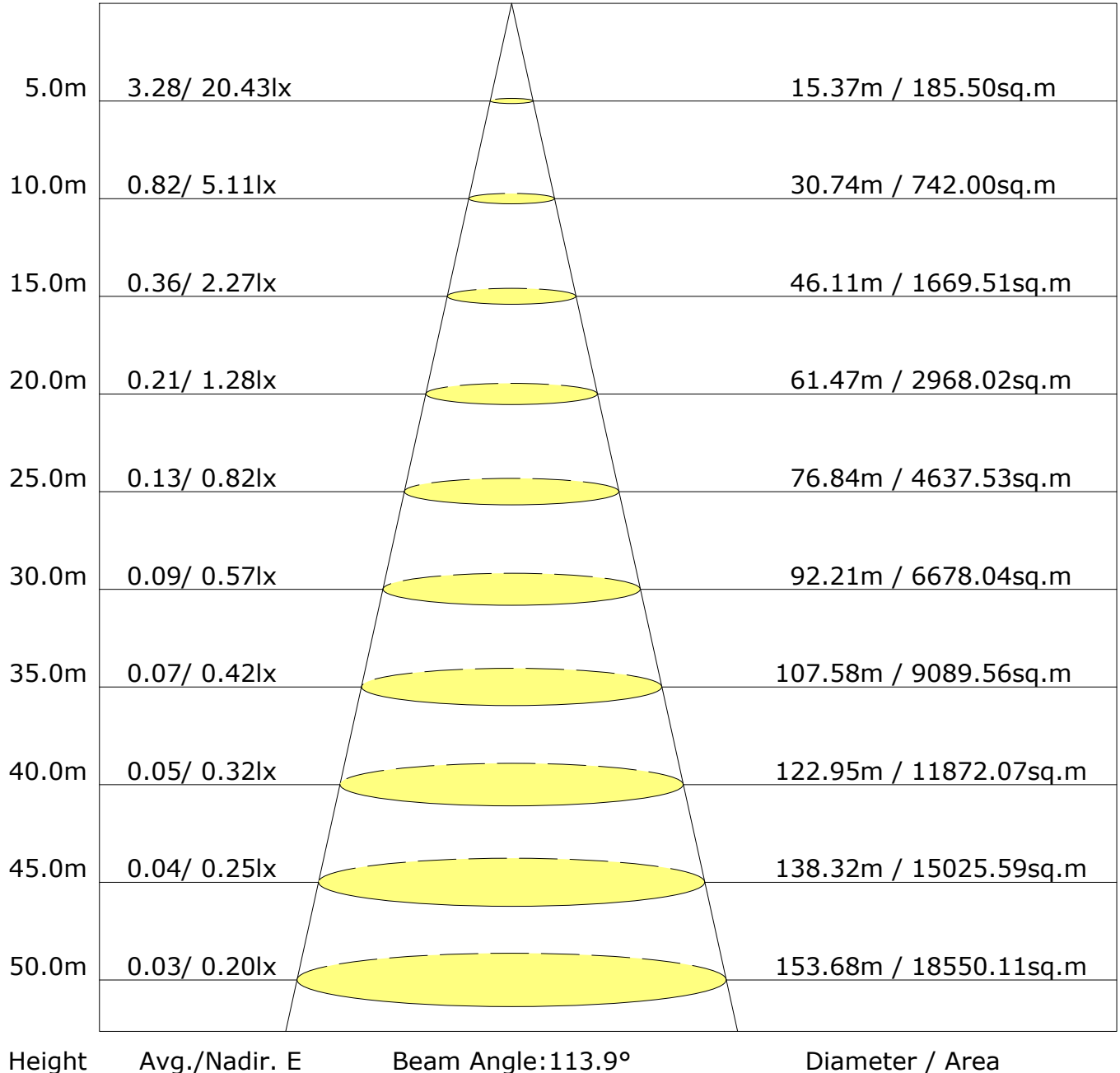
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

The Average Illuminance Effective Figure

Flux Out: 608.71lm



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

Gamma Plane (°): 0.0-180.0: 0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

UGR Table

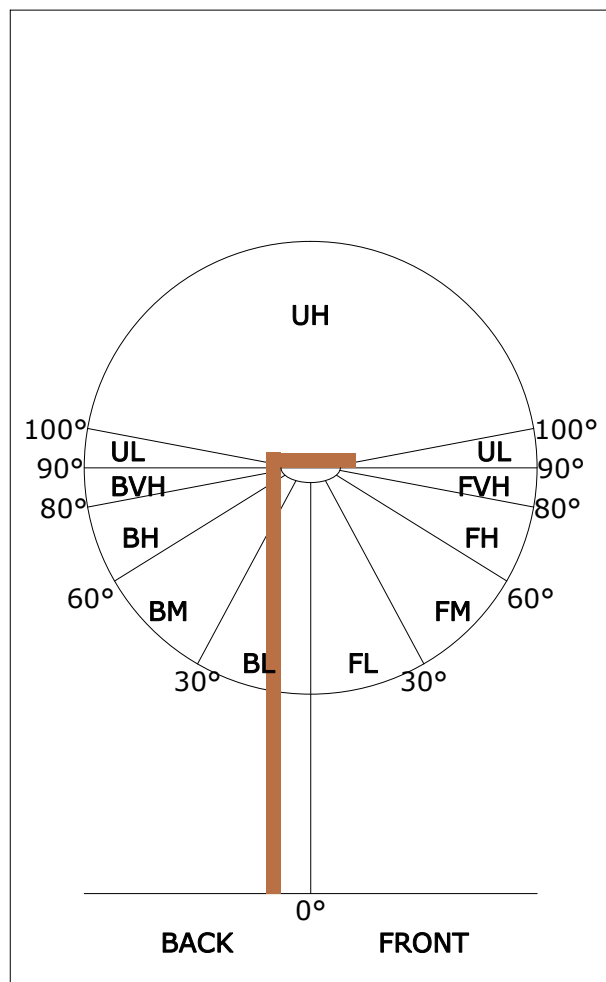
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	1.\$	1.\$	1.\$	1.\$	1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
4H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
6H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
8H	1.\$	1.\$	1.\$	1.\$	1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	1.\$	1.\$	1.\$	1.\$	1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$

Calculate in accordance with CIE 190:2010

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

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



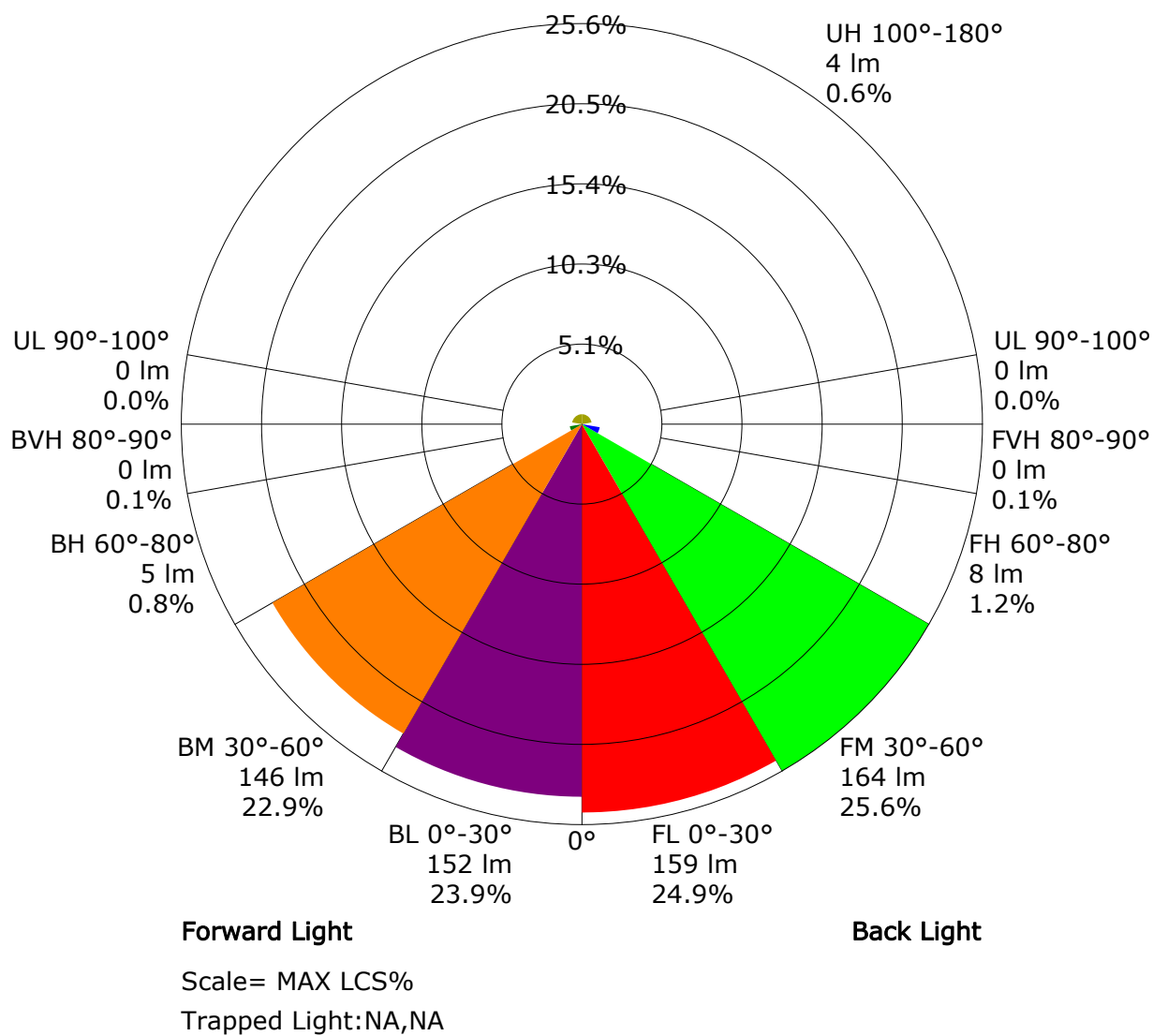
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	330	51.7
FL (0°-30°)	159	24.9
FM (30°-60°)	164	25.6
FH (60°-80°)	8	1.2
FVH (80°-90°)	0	0.1
BACK LIGHT	304	47.6
BL (0°-30°)	152	23.9
BM (30°-60°)	146	22.9
BH (60°-80°)	5	0.8
BVH (80°-90°)	0	0.1
UP LIGHT	4	0.7
UL (90°-100°)	0	0.0
UH (100°-180°)	4	0.6
TRAPPED LIGHT	NA	NA

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

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

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 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	0.70	0.80	0.86	0.91	0.96	1.00	1.03	1.06	1.08	
	0.30		0.64	0.74	0.81	0.85	0.92	0.96	0.99	1.03	1.05	
	0.20		0.59	0.69	0.76	0.81	0.88	0.93	0.96	1.00	1.03	
0.50	0.50	0.20	0.69	0.78	0.84	0.88	0.93	0.97	0.99	1.02	1.04	
	0.30		0.63	0.73	0.79	0.84	0.90	0.93	0.96	1.00	1.02	
	0.20		0.59	0.69	0.75	0.80	0.86	0.91	0.94	0.98	1.00	
0.30	0.50	0.20	0.67	0.76	0.82	0.86	0.91	0.94	0.96	0.98	1.00	
	0.30		0.62	0.72	0.78	0.82	0.87	0.91	0.93	0.96	0.98	
	0.20		0.58	0.68	0.74	0.79	0.85	0.89	0.91	0.95	0.97	
0.00	0.00	0.00	0.56	0.66	0.72	0.76	0.81	0.85	0.87	0.90	0.92	
<p>Rating:7W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>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	0.79	0.63	0.52	0.45	0.35	0.29	0.24	0.19	0.15	
	0.30		0.66	0.54	0.46	0.40	0.32	0.26	0.22	0.17	0.14	
	0.20		0.57	0.47	0.41	0.36	0.29	0.24	0.21	0.16	0.14	
0.50	0.50	0.20	0.76	0.60	0.50	0.42	0.33	0.31	0.23	0.17	0.14	
	0.30		0.64	0.52	0.44	0.38	0.30	0.25	0.21	0.16	0.13	
	0.20		0.56	0.46	0.39	0.34	0.28	0.23	0.20	0.16	0.13	
0.30	0.50	0.20	0.73	0.57	0.47	0.40	0.31	0.25	0.21	0.16	0.13	
	0.30		0.63	0.51	0.42	0.36	0.29	0.23	0.20	0.15	0.13	
	0.20		0.55	0.45	0.38	0.33	0.26	0.22	0.19	0.15	0.12	
0.00	0.00	0.00	0.43	0.34	0.28	0.24	0.18	0.15	0.12	0.09	0.08	
<p>Rating:7W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>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	0.17	0.18	0.18	0.19	0.20	0.21	0.21	0.22	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.18	
0.50	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.20	0.21	
	0.30		0.10	0.11	0.13	0.14	0.15	0.16	0.17	0.19	0.19	
	0.20		0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.17	0.18	
0.30	0.50	0.20	0.14	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.20	
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	
	0.20		0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.17	
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
<p>Rating:7W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>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 [%]
0.0-0.5	501.6	0.1	0.1	0.02	0.02
0.5-1.0	501.4	0.4	0.5	0.06	0.08
1.0-1.5	500.8	0.6	1.1	0.09	0.17
1.5-2.0	500.4	0.8	1.9	0.13	0.30
2.0-2.5	499.9	1.1	3.0	0.17	0.47
2.5-3.0	498.7	1.3	4.3	0.21	0.67
3.0-3.5	498.1	1.5	5.9	0.24	0.92
3.5-4.0	496.8	1.8	7.6	0.28	1.20
4.0-4.5	495.0	2.0	9.6	0.32	1.51
4.5-5.0	493.5	2.2	11.9	0.35	1.86
5.0-5.5	491.2	2.5	14.4	0.39	2.25
5.5-6.0	488.7	2.7	17.0	0.42	2.67
6.0-6.5	486.6	2.9	19.9	0.46	3.12
6.5-7.0	484.4	3.1	23.1	0.49	3.61
7.0-7.5	482.4	3.3	26.4	0.52	4.14
7.5-8.0	479.9	3.5	29.9	0.56	4.69
8.0-8.5	477.4	3.8	33.7	0.59	5.28
8.5-9.0	475.2	4.0	37.7	0.62	5.90
9.0-9.5	471.7	4.2	41.8	0.65	6.55
9.5-10.0	467.7	4.3	46.2	0.68	7.23
10.0-10.5	465.4	4.5	50.7	0.71	7.94
10.5-11.0	463.0	4.7	55.4	0.74	8.69
11.0-11.5	459.4	4.9	60.4	0.77	9.46
11.5-12.0	455.4	5.1	65.4	0.80	10.25
12.0-12.5	451.5	5.3	70.7	0.82	11.07
12.5-13.0	447.5	5.4	76.1	0.85	11.92
13.0-13.5	443.3	5.6	81.7	0.87	12.80
13.5-14.0	439.2	5.7	87.4	0.90	13.69
14.0-14.5	434.8	5.9	93.3	0.92	14.61
14.5-15.0	430.0	6.0	99.3	0.94	15.55
15.0-15.5	425.5	6.1	105.4	0.96	16.51
15.5-16.0	420.6	6.3	111.7	0.98	17.49
16.0-16.5	415.2	6.4	118.0	1.00	18.49
16.5-17.0	409.6	6.5	124.5	1.01	19.51
17.0-17.5	404.1	6.6	131.1	1.03	20.53
17.5-18.0	398.9	6.7	137.8	1.04	21.58

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 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 [%]
18.0-18.5	393.4	6.8	144.5	1.06	22.64
18.5-19.0	388.0	6.8	151.3	1.07	23.71
19.0-19.5	382.8	6.9	158.3	1.08	24.79
19.5-20.0	377.0	7.0	165.3	1.09	25.89
20.0-20.5	371.3	7.0	172.3	1.10	26.99
20.5-21.0	365.9	7.1	179.4	1.11	28.10
21.0-21.5	360.3	7.2	186.6	1.12	29.23
21.5-22.0	355.2	7.2	193.8	1.13	30.36
22.0-22.5	349.6	7.3	201.0	1.14	31.49
22.5-23.0	343.6	7.3	208.3	1.14	32.63
23.0-23.5	338.1	7.3	215.6	1.15	33.78
23.5-24.0	332.4	7.3	223.0	1.15	34.93
24.0-24.5	326.8	7.4	230.3	1.15	36.08
24.5-25.0	321.4	7.4	237.7	1.16	37.24
25.0-25.5	315.9	7.4	245.1	1.16	38.40
25.5-26.0	309.9	7.4	252.5	1.16	39.55
26.0-26.5	304.1	7.4	259.9	1.16	40.71
26.5-27.0	298.8	7.4	267.2	1.16	41.86
27.0-27.5	293.4	7.4	274.6	1.15	43.02
27.5-28.0	288.1	7.4	282.0	1.15	44.17
28.0-28.5	282.4	7.3	289.3	1.15	45.32
28.5-29.0	276.3	7.3	296.6	1.14	46.46
29.0-29.5	270.8	7.3	303.8	1.14	47.60
29.5-30.0	265.4	7.2	311.1	1.13	48.73
30.0-30.5	259.8	7.2	318.2	1.12	49.85
30.5-31.0	254.9	7.1	325.4	1.12	50.97
31.0-31.5	250.2	7.1	332.5	1.11	52.09
31.5-32.0	245.6	7.1	339.6	1.11	53.20
32.0-32.5	240.5	7.0	346.6	1.10	54.30
32.5-33.0	234.7	7.0	353.6	1.09	55.39
33.0-33.5	229.8	6.9	360.5	1.08	56.47
33.5-34.0	226.3	6.9	367.4	1.08	57.55
34.0-34.5	222.0	6.9	374.2	1.07	58.62
34.5-35.0	217.4	6.8	381.0	1.06	59.69
35.0-35.5	213.3	6.8	387.8	1.06	60.75
35.5-36.0	209.3	6.7	394.5	1.05	61.80

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 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 [%]
36.0-36.5	204.8	6.6	401.1	1.04	62.84
36.5-37.0	200.4	6.6	407.7	1.03	63.87
37.0-37.5	196.9	6.5	414.2	1.02	64.89
37.5-38.0	193.9	6.5	420.8	1.02	65.91
38.0-38.5	190.1	6.5	427.2	1.01	66.92
38.5-39.0	185.8	6.4	433.6	1.00	67.92
39.0-39.5	182.5	6.3	439.9	0.99	68.91
39.5-40.0	179.9	6.3	446.2	0.99	69.90
40.0-40.5	177.6	6.3	452.5	0.99	70.89
40.5-41.0	174.6	6.2	458.8	0.98	71.86
41.0-41.5	171.6	6.2	465.0	0.97	72.84
41.5-42.0	168.5	6.2	471.1	0.96	73.80
42.0-42.5	164.3	6.1	477.2	0.95	74.75
42.5-43.0	160.9	6.0	483.2	0.94	75.69
43.0-43.5	158.1	5.9	489.1	0.93	76.62
43.5-44.0	155.3	5.9	495.0	0.92	77.54
44.0-44.5	152.8	5.8	500.8	0.92	78.46
44.5-45.0	150.0	5.8	506.6	0.91	79.36
45.0-45.5	146.9	5.7	512.3	0.90	80.26
45.5-46.0	143.5	5.6	518.0	0.88	81.14
46.0-46.5	139.7	5.5	523.5	0.87	82.01
46.5-47.0	136.2	5.4	529.0	0.85	82.86
47.0-47.5	132.7	5.3	534.3	0.84	83.70
47.5-48.0	128.4	5.2	539.5	0.82	84.51
48.0-48.5	124.1	5.1	544.6	0.80	85.31
48.5-49.0	119.7	4.9	549.5	0.77	86.08
49.0-49.5	115.9	4.8	554.3	0.75	86.84
49.5-50.0	112.5	4.7	559.0	0.74	87.57
50.0-50.5	108.2	4.6	563.6	0.71	88.29
50.5-51.0	103.4	4.4	568.0	0.69	88.98
51.0-51.5	98.9	4.2	572.2	0.66	89.64
51.5-52.0	96.0	4.1	576.4	0.65	90.29
52.0-52.5	91.8	4.0	580.3	0.62	90.91
52.5-53.0	86.6	3.8	584.1	0.59	91.50
53.0-53.5	83.0	3.6	587.8	0.57	92.07
53.5-54.0	79.6	3.5	591.3	0.55	92.62

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 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 [%]
54.0-54.5	75.7	3.4	594.7	0.53	93.15
54.5-55.0	71.5	3.2	597.9	0.50	93.65
55.0-55.5	67.0	3.0	600.9	0.47	94.13
55.5-56.0	63.3	2.9	603.7	0.45	94.58
56.0-56.5	59.3	2.7	606.4	0.42	95.00
56.5-57.0	54.9	2.5	609.0	0.39	95.39
57.0-57.5	51.0	2.3	611.3	0.37	95.76
57.5-58.0	47.0	2.2	613.5	0.34	96.10
58.0-58.5	43.0	2.0	615.5	0.31	96.42
58.5-59.0	39.6	1.9	617.4	0.29	96.71
59.0-59.5	36.6	1.7	619.1	0.27	96.98
59.5-60.0	33.1	1.6	620.6	0.25	97.22
60.0-60.5	29.9	1.4	622.1	0.22	97.45
60.5-61.0	26.6	1.3	623.3	0.20	97.65
61.0-61.5	23.3	1.1	624.5	0.18	97.82
61.5-62.0	20.5	1.0	625.5	0.15	97.98
62.0-62.5	17.6	0.9	626.3	0.13	98.11
62.5-63.0	14.7	0.7	627.0	0.11	98.22
63.0-63.5	11.9	0.6	627.6	0.09	98.31
63.5-64.0	10.2	0.5	628.1	0.08	98.39
64.0-64.5	8.6	0.4	628.5	0.07	98.46
64.5-65.0	6.9	0.3	628.9	0.05	98.51
65.0-65.5	5.7	0.3	629.2	0.04	98.56
65.5-66.0	5.5	0.3	629.4	0.04	98.60
66.0-66.5	5.3	0.3	629.7	0.04	98.64
66.5-67.0	4.6	0.2	629.9	0.04	98.68
67.0-67.5	4.5	0.2	630.2	0.04	98.71
67.5-68.0	4.3	0.2	630.4	0.03	98.75
68.0-68.5	3.7	0.2	630.6	0.03	98.78
68.5-69.0	3.6	0.2	630.8	0.03	98.81
69.0-69.5	3.9	0.2	631.0	0.03	98.84
69.5-70.0	4.0	0.2	631.2	0.03	98.87
70.0-70.5	3.6	0.2	631.3	0.03	98.90
70.5-71.0	3.5	0.2	631.5	0.03	98.93
71.0-71.5	3.8	0.2	631.7	0.03	98.96
71.5-72.0	3.8	0.2	631.9	0.03	98.99

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 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 [%]
72.0-72.5	3.5	0.2	632.1	0.03	99.02
72.5-73.0	2.8	0.1	632.2	0.02	99.04
73.0-73.5	2.1	0.1	632.4	0.02	99.06
73.5-74.0	1.9	0.1	632.5	0.02	99.07
74.0-74.5	1.8	0.1	632.6	0.01	99.09
74.5-75.0	1.5	0.1	632.6	0.01	99.10
75.0-75.5	1.3	0.1	632.7	0.01	99.11
75.5-76.0	1.0	0.1	632.8	0.01	99.12
76.0-76.5	1.1	0.1	632.8	0.01	99.13
76.5-77.0	1.5	0.1	632.9	0.01	99.14
77.0-77.5	1.1	0.1	633.0	0.01	99.15
77.5-78.0	1.4	0.1	633.0	0.01	99.16
78.0-78.5	1.5	0.1	633.1	0.01	99.18
78.5-79.0	1.2	0.1	633.2	0.01	99.19
79.0-79.5	1.2	0.1	633.2	0.01	99.20
79.5-80.0	1.2	0.1	633.3	0.01	99.21
80.0-80.5	1.5	0.1	633.4	0.01	99.22
80.5-81.0	1.2	0.1	633.5	0.01	99.23
81.0-81.5	0.8	0.0	633.5	0.01	99.24
81.5-82.0	0.9	0.0	633.5	0.01	99.24
82.0-82.5	1.0	0.1	633.6	0.01	99.25
82.5-83.0	0.9	0.0	633.6	0.01	99.26
83.0-83.5	1.1	0.1	633.7	0.01	99.27
83.5-84.0	0.8	0.0	633.7	0.01	99.28
84.0-84.5	0.5	0.0	633.8	0.00	99.28
84.5-85.0	0.8	0.0	633.8	0.01	99.29
85.0-85.5	0.7	0.0	633.9	0.01	99.29
85.5-86.0	0.7	0.0	633.9	0.01	99.30
86.0-86.5	0.4	0.0	633.9	0.00	99.30
86.5-87.0	0.2	0.0	633.9	0.00	99.30
87.0-87.5	0.4	0.0	633.9	0.00	99.31
87.5-88.0	0.4	0.0	634.0	0.00	99.31
88.0-88.5	0.4	0.0	634.0	0.00	99.31
88.5-89.0	0.4	0.0	634.0	0.00	99.32
89.0-89.5	0.3	0.0	634.0	0.00	99.32
89.5-90.0	0.3	0.0	634.0	0.00	99.32

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 5)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
90.0-90.5	0.3	0.0	634.1	0.00	99.33
90.5-91.0	0.2	0.0	634.1	0.00	99.33
91.0-91.5	0.3	0.0	634.1	0.00	99.33
91.5-92.0	0.4	0.0	634.1	0.00	99.33
92.0-92.5	0.3	0.0	634.1	0.00	99.34
92.5-93.0	0.1	0.0	634.1	0.00	99.34
93.0-93.5	0.2	0.0	634.1	0.00	99.34
93.5-94.0	0.3	0.0	634.2	0.00	99.34
94.0-94.5	0.4	0.0	634.2	0.00	99.34
94.5-95.0	0.3	0.0	634.2	0.00	99.35
95.0-95.5	0.2	0.0	634.2	0.00	99.35
95.5-96.0	0.2	0.0	634.2	0.00	99.35
96.0-96.5	0.2	0.0	634.2	0.00	99.35
96.5-97.0	0.3	0.0	634.2	0.00	99.35
97.0-97.5	0.3	0.0	634.3	0.00	99.36
97.5-98.0	0.2	0.0	634.3	0.00	99.36
98.0-98.5	0.2	0.0	634.3	0.00	99.36
98.5-99.0	0.2	0.0	634.3	0.00	99.36
99.0-99.5	0.2	0.0	634.3	0.00	99.36
99.5-100.0	0.3	0.0	634.3	0.00	99.37
100.0-100.5	0.1	0.0	634.3	0.00	99.37
100.5-101.0	0.1	0.0	634.3	0.00	99.37
101.0-101.5	0.2	0.0	634.3	0.00	99.37
101.5-102.0	0.2	0.0	634.4	0.00	99.37
102.0-102.5	0.2	0.0	634.4	0.00	99.37
102.5-103.0	0.4	0.0	634.4	0.00	99.38
103.0-103.5	0.3	0.0	634.4	0.00	99.38
103.5-104.0	0.2	0.0	634.4	0.00	99.38
104.0-104.5	0.3	0.0	634.4	0.00	99.38
104.5-105.0	0.4	0.0	634.5	0.00	99.39
105.0-105.5	0.5	0.0	634.5	0.00	99.39
105.5-106.0	0.2	0.0	634.5	0.00	99.39
106.0-106.5	0.3	0.0	634.5	0.00	99.39
106.5-107.0	0.3	0.0	634.5	0.00	99.40
107.0-107.5	0.3	0.0	634.5	0.00	99.40
107.5-108.0	0.4	0.0	634.6	0.00	99.40

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 6)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-108.5	0.3	0.0	634.6	0.00	99.41
108.5-109.0	0.2	0.0	634.6	0.00	99.41
109.0-109.5	0.2	0.0	634.6	0.00	99.41
109.5-110.0	0.4	0.0	634.6	0.00	99.41
110.0-110.5	0.4	0.0	634.6	0.00	99.42
110.5-111.0	0.3	0.0	634.7	0.00	99.42
111.0-111.5	0.4	0.0	634.7	0.00	99.42
111.5-112.0	0.5	0.0	634.7	0.00	99.43
112.0-112.5	0.3	0.0	634.7	0.00	99.43
112.5-113.0	0.2	0.0	634.7	0.00	99.43
113.0-113.5	0.4	0.0	634.8	0.00	99.43
113.5-114.0	0.4	0.0	634.8	0.00	99.44
114.0-114.5	0.3	0.0	634.8	0.00	99.44
114.5-115.0	0.3	0.0	634.8	0.00	99.44
115.0-115.5	0.5	0.0	634.8	0.00	99.45
115.5-116.0	0.5	0.0	634.8	0.00	99.45
116.0-116.5	0.4	0.0	634.9	0.00	99.45
116.5-117.0	0.5	0.0	634.9	0.00	99.46
117.0-117.5	0.4	0.0	634.9	0.00	99.46
117.5-118.0	0.4	0.0	634.9	0.00	99.46
118.0-118.5	0.5	0.0	635.0	0.00	99.47
118.5-119.0	0.6	0.0	635.0	0.00	99.47
119.0-119.5	0.6	0.0	635.0	0.00	99.47
119.5-120.0	0.5	0.0	635.0	0.00	99.48
120.0-120.5	0.4	0.0	635.1	0.00	99.48
120.5-121.0	0.7	0.0	635.1	0.01	99.49
121.0-121.5	0.6	0.0	635.1	0.00	99.49
121.5-122.0	0.2	0.0	635.1	0.00	99.49
122.0-122.5	0.3	0.0	635.1	0.00	99.49
122.5-123.0	0.3	0.0	635.2	0.00	99.50
123.0-123.5	0.2	0.0	635.2	0.00	99.50
123.5-124.0	0.5	0.0	635.2	0.00	99.50
124.0-124.5	0.4	0.0	635.2	0.00	99.50
124.5-125.0	0.6	0.0	635.2	0.00	99.51
125.0-125.5	0.7	0.0	635.3	0.00	99.51
125.5-126.0	0.7	0.0	635.3	0.01	99.52

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 7)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
126.0-126.5	0.7	0.0	635.3	0.00	99.52
126.5-127.0	0.4	0.0	635.3	0.00	99.52
127.0-127.5	0.5	0.0	635.4	0.00	99.53
127.5-128.0	0.6	0.0	635.4	0.00	99.53
128.0-128.5	0.6	0.0	635.4	0.00	99.54
128.5-129.0	0.5	0.0	635.4	0.00	99.54
129.0-129.5	0.8	0.0	635.5	0.01	99.54
129.5-130.0	0.9	0.0	635.5	0.01	99.55
130.0-130.5	0.5	0.0	635.5	0.00	99.55
130.5-131.0	0.5	0.0	635.5	0.00	99.56
131.0-131.5	0.7	0.0	635.6	0.00	99.56
131.5-132.0	0.4	0.0	635.6	0.00	99.56
132.0-132.5	0.4	0.0	635.6	0.00	99.57
132.5-133.0	0.4	0.0	635.6	0.00	99.57
133.0-133.5	0.5	0.0	635.6	0.00	99.57
133.5-134.0	0.8	0.0	635.7	0.01	99.58
134.0-134.5	1.0	0.0	635.7	0.01	99.58
134.5-135.0	0.8	0.0	635.7	0.00	99.59
135.0-135.5	0.8	0.0	635.8	0.00	99.59
135.5-136.0	1.0	0.0	635.8	0.01	99.60
136.0-136.5	0.8	0.0	635.8	0.00	99.60
136.5-137.0	0.6	0.0	635.9	0.00	99.61
137.0-137.5	0.7	0.0	635.9	0.00	99.61
137.5-138.0	1.0	0.0	635.9	0.01	99.62
138.0-138.5	1.1	0.0	636.0	0.01	99.62
138.5-139.0	0.9	0.0	636.0	0.01	99.63
139.0-139.5	0.9	0.0	636.0	0.00	99.63
139.5-140.0	0.9	0.0	636.1	0.00	99.64
140.0-140.5	0.7	0.0	636.1	0.00	99.64
140.5-141.0	0.5	0.0	636.1	0.00	99.64
141.0-141.5	0.8	0.0	636.1	0.00	99.65
141.5-142.0	1.1	0.0	636.2	0.01	99.65
142.0-142.5	0.9	0.0	636.2	0.00	99.66
142.5-143.0	0.5	0.0	636.2	0.00	99.66
143.0-143.5	0.3	0.0	636.2	0.00	99.66
143.5-144.0	0.8	0.0	636.2	0.00	99.67

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 8)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-144.5	1.3	0.0	636.3	0.01	99.67
144.5-145.0	1.1	0.0	636.3	0.01	99.68
145.0-145.5	1.2	0.0	636.4	0.01	99.69
145.5-146.0	1.6	0.0	636.4	0.01	99.69
146.0-146.5	1.7	0.1	636.5	0.01	99.70
146.5-147.0	1.8	0.1	636.5	0.01	99.71
147.0-147.5	1.8	0.1	636.6	0.01	99.72
147.5-148.0	1.8	0.1	636.6	0.01	99.73
148.0-148.5	1.5	0.0	636.7	0.01	99.73
148.5-149.0	1.2	0.0	636.7	0.01	99.74
149.0-149.5	1.3	0.0	636.7	0.01	99.74
149.5-150.0	1.4	0.0	636.8	0.01	99.75
150.0-150.5	1.6	0.0	636.8	0.01	99.76
150.5-151.0	1.5	0.0	636.9	0.01	99.76
151.0-151.5	1.7	0.0	636.9	0.01	99.77
151.5-152.0	1.9	0.0	637.0	0.01	99.78
152.0-152.5	1.3	0.0	637.0	0.01	99.78
152.5-153.0	1.3	0.0	637.0	0.01	99.79
153.0-153.5	1.1	0.0	637.0	0.00	99.79
153.5-154.0	1.2	0.0	637.1	0.00	99.80
154.0-154.5	1.9	0.0	637.1	0.01	99.80
154.5-155.0	1.8	0.0	637.2	0.01	99.81
155.0-155.5	1.4	0.0	637.2	0.01	99.82
155.5-156.0	1.2	0.0	637.2	0.00	99.82
156.0-156.5	1.2	0.0	637.2	0.00	99.82
156.5-157.0	1.7	0.0	637.3	0.01	99.83
157.0-157.5	2.0	0.0	637.3	0.01	99.84
157.5-158.0	1.5	0.0	637.4	0.00	99.84
158.0-158.5	1.1	0.0	637.4	0.00	99.84
158.5-159.0	1.3	0.0	637.4	0.00	99.85
159.0-159.5	1.8	0.0	637.4	0.01	99.85
159.5-160.0	2.2	0.0	637.5	0.01	99.86
160.0-160.5	2.2	0.0	637.5	0.01	99.87
160.5-161.0	2.1	0.0	637.6	0.01	99.87
161.0-161.5	1.7	0.0	637.6	0.00	99.88
161.5-162.0	1.8	0.0	637.6	0.00	99.88

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Zonal Lumen (Continue 9)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
162.0-162.5	2.0	0.0	637.7	0.01	99.89
162.5-163.0	2.1	0.0	637.7	0.01	99.89
163.0-163.5	2.4	0.0	637.7	0.01	99.90
163.5-164.0	2.2	0.0	637.8	0.01	99.90
164.0-164.5	2.2	0.0	637.8	0.01	99.91
164.5-165.0	2.6	0.0	637.8	0.01	99.92
165.0-165.5	2.5	0.0	637.9	0.01	99.92
165.5-166.0	2.2	0.0	637.9	0.00	99.93
166.0-166.5	2.6	0.0	637.9	0.01	99.93
166.5-167.0	2.3	0.0	638.0	0.00	99.94
167.0-167.5	2.7	0.0	638.0	0.01	99.94
167.5-168.0	3.3	0.0	638.0	0.01	99.95
168.0-168.5	3.0	0.0	638.1	0.01	99.95
168.5-169.0	2.4	0.0	638.1	0.00	99.96
169.0-169.5	2.0	0.0	638.1	0.00	99.96
169.5-170.0	2.3	0.0	638.1	0.00	99.96
170.0-170.5	1.9	0.0	638.1	0.00	99.97
170.5-171.0	2.0	0.0	638.2	0.00	99.97
171.0-171.5	2.4	0.0	638.2	0.00	99.97
171.5-172.0	2.8	0.0	638.2	0.00	99.97
172.0-172.5	2.8	0.0	638.2	0.00	99.98
172.5-173.0	2.6	0.0	638.2	0.00	99.98
173.0-173.5	2.2	0.0	638.3	0.00	99.98
173.5-174.0	2.3	0.0	638.3	0.00	99.98
174.0-174.5	2.8	0.0	638.3	0.00	99.99
174.5-175.0	2.8	0.0	638.3	0.00	99.99
175.0-175.5	2.6	0.0	638.3	0.00	99.99
175.5-176.0	2.8	0.0	638.3	0.00	99.99
176.0-176.5	3.3	0.0	638.3	0.00	99.99
176.5-177.0	2.9	0.0	638.3	0.00	100.00
177.0-177.5	2.4	0.0	638.4	0.00	100.00
177.5-178.0	2.8	0.0	638.4	0.00	100.00
178.0-178.5	2.8	0.0	638.4	0.00	100.00
178.5-179.0	2.6	0.0	638.4	0.00	100.00
179.0-179.5	3.0	0.0	638.4	0.00	100.00
179.5-180.0	2.8	0.0	638.4	0.00	100.00

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	510.8	503.8	498.2	494.1	510.8	503.8	498.2	494.1	510.8	
G0.5	511.8	504.5	498.3	493.1	506.3	501.1	498.4	498.0	511.8	
G1.0	509.6	504.6	497.7	495.5	508.1	501.9	498.0	495.9	509.6	
G1.5	510.1	503.8	498.6	490.7	503.3	500.9	497.9	496.4	510.1	
G2.0	510.5	504.5	496.6	489.6	505.0	500.0	498.9	499.7	510.5	
G2.5	510.3	503.7	495.8	488.4	503.4	495.6	496.1	499.8	510.3	
G3.0	510.2	502.9	495.7	490.6	498.3	497.1	494.9	496.3	510.2	
G3.5	509.2	502.4	493.4	489.6	499.4	494.9	495.9	498.5	509.2	
G4.0	508.4	501.7	492.5	488.5	494.3	493.1	491.7	494.5	508.4	
G4.5	506.9	500.3	491.5	487.0	495.2	490.8	490.0	493.2	506.9	
G5.0	508.8	498.4	489.8	485.5	490.4	484.5	489.9	494.3	508.8	
G5.5	506.6	497.4	488.1	480.3	488.3	481.6	485.2	489.3	506.6	
G6.0	501.4	494.6	486.1	478.9	488.6	482.4	482.6	487.7	501.4	
G6.5	499.3	492.3	483.8	480.8	486.5	475.9	480.1	485.5	499.3	
G7.0	500.4	489.8	482.1	474.9	483.6	472.9	477.3	485.5	500.4	
G7.5	494.7	489.0	480.2	476.7	481.1	473.8	474.7	480.9	494.7	
G8.0	492.5	486.5	478.0	470.1	476.0	470.7	474.9	478.5	492.5	
G8.5	490.0	483.9	475.6	471.8	476.1	467.0	468.6	478.1	490.0	
G9.0	487.6	481.3	473.6	469.5	473.0	463.8	468.6	475.3	487.6	
G9.5	484.9	475.8	471.2	466.7	467.8	455.9	461.7	470.4	484.9	
G10.0	482.2	475.6	468.6	459.8	465.3	452.2	458.1	467.5	482.2	
G10.5	482.5	472.4	465.9	460.9	464.0	452.4	454.0	464.4	482.5	
G11.0	479.4	469.6	463.6	457.5	460.8	444.5	454.1	462.7	479.4	
G11.5	476.1	462.9	460.9	449.7	457.5	444.4	449.8	457.2	476.1	
G12.0	469.8	459.7	458.2	451.0	454.2	440.0	441.2	453.2	469.8	
G12.5	468.9	456.0	455.6	447.2	450.2	431.1	436.4	450.5	468.9	
G13.0	461.7	452.9	452.5	443.9	446.6	430.6	431.3	444.6	461.7	
G13.5	457.5	452.7	450.7	435.6	440.3	425.5	426.2	440.1	457.5	
G14.0	453.0	449.2	447.1	431.9	436.1	421.0	424.7	436.1	453.0	
G14.5	451.2	441.3	442.3	427.4	432.6	412.1	419.4	430.9	451.2	
G15.0	446.0	441.4	438.0	423.1	427.8	410.7	410.0	425.0	446.0	
G15.5	438.2	437.0	435.3	422.3	422.4	405.6	404.5	420.5	438.2	
G16.0	432.8	428.9	430.9	417.6	415.8	400.4	403.2	414.6	432.8	
G16.5	427.3	428.2	426.6	408.5	410.4	391.7	397.8	409.2	427.3	
G17.0	421.2	424.0	421.8	403.3	405.6	386.5	388.0	403.4	421.2	
G17.5	415.5	414.4	414.5	402.5	399.8	380.9	386.9	397.0	415.5	
G18.0	411.5	409.8	409.1	397.5	394.4	375.8	381.8	391.5	411.5	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G18.5	404.0	409.1	404.1	388.2	388.3	371.8	372.0	385.8	404.0	
G19.0	399.8	404.1	398.6	387.5	383.1	364.6	366.7	380.1	399.8	
G19.5	393.9	398.5	396.1	377.9	377.4	360.2	361.3	374.7	393.9	
G20.0	386.6	393.4	388.1	372.5	371.8	354.6	356.0	368.8	386.6	
G20.5	382.2	383.5	382.9	372.2	366.1	348.6	350.4	363.3	382.2	
G21.0	376.3	377.9	377.3	367.3	360.6	343.0	344.9	357.7	376.3	
G21.5	368.9	375.9	374.7	357.6	355.0	336.4	339.5	352.0	368.9	
G22.0	363.0	370.3	369.4	356.0	349.3	331.0	338.1	346.0	363.0	
G22.5	357.2	364.4	364.3	346.7	343.5	325.8	328.3	340.2	357.2	
G23.0	351.4	354.7	355.7	345.1	337.9	320.6	327.3	334.6	351.4	
G23.5	345.7	352.5	350.0	335.3	332.5	315.4	321.9	329.1	345.7	
G24.0	340.1	343.0	347.3	334.2	325.2	310.3	313.0	323.0	340.1	
G24.5	334.1	341.0	338.8	324.8	321.6	304.8	311.2	316.8	334.1	
G25.0	328.3	331.4	336.7	323.0	316.1	299.8	302.3	312.1	328.3	
G25.5	322.3	328.3	327.4	317.6	310.8	292.8	300.4	305.7	322.3	
G26.0	316.8	319.9	321.5	307.2	302.9	289.1	294.7	300.9	316.8	
G26.5	310.4	316.9	319.2	306.2	297.1	283.6	285.4	293.9	310.4	
G27.0	304.7	311.3	313.7	295.7	291.4	278.6	283.8	288.9	304.7	
G27.5	299.4	305.6	308.1	294.1	285.7	271.4	278.3	284.3	299.4	
G28.0	293.8	297.9	302.6	288.0	282.4	266.0	272.5	279.0	293.8	
G28.5	288.5	294.8	296.9	282.3	274.4	262.9	264.2	272.3	288.5	
G29.0	281.5	287.3	287.7	276.4	268.7	255.6	258.9	268.7	281.5	
G29.5	277.9	281.8	286.0	270.9	263.1	250.5	256.2	261.7	277.9	
G30.0	272.5	278.2	276.5	260.6	257.0	245.5	250.9	256.3	272.5	
G30.5	265.7	271.7	270.9	254.8	255.4	243.6	245.7	250.9	265.7	
G31.0	260.3	266.8	268.9	249.2	250.3	235.7	240.7	247.9	260.3	
G31.5	257.0	262.7	259.9	247.9	245.4	234.0	235.6	240.9	257.0	
G32.0	252.4	257.6	258.6	242.9	240.6	225.7	230.9	238.1	252.4	
G32.5	247.8	251.9	253.4	237.9	232.2	221.3	224.0	233.5	247.8	
G33.0	240.4	247.6	244.1	228.4	227.4	216.7	219.7	229.0	240.4	
G33.5	235.7	242.2	243.3	223.9	222.8	216.6	217.0	222.5	235.7	
G34.0	231.1	238.1	238.1	223.6	222.4	212.4	212.6	218.3	231.1	
G34.5	226.8	233.7	233.5	219.6	217.6	204.1	206.9	213.5	226.8	
G35.0	225.4	228.7	228.9	211.0	213.3	200.1	203.1	212.3	225.4	
G35.5	221.2	225.1	224.6	206.6	209.7	196.1	199.0	208.4	221.2	
G36.0	217.2	221.2	216.2	206.8	201.3	196.4	195.0	204.5	217.2	
G36.5	209.6	215.7	216.0	198.4	197.5	192.5	191.2	197.5	209.6	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	205.7	212.0	212.1	194.8	197.6	184.4	187.0	193.9	205.7	
G37.5	201.9	208.1	208.0	191.1	194.0	185.2	183.6	190.3	201.9	
G38.0	198.5	206.4	204.4	191.7	190.3	181.7	180.4	187.1	198.5	
G38.5	198.9	200.7	196.6	184.1	186.9	173.8	177.0	183.6	198.9	
G39.0	191.5	197.6	193.5	185.4	179.3	170.4	173.1	180.3	191.5	
G39.5	188.4	196.6	190.3	178.4	176.3	167.2	170.4	180.7	188.4	
G40.0	185.4	193.5	187.1	175.2	177.1	167.9	166.6	177.7	185.4	
G40.5	186.4	187.5	188.0	172.4	173.9	164.9	163.0	174.5	186.4	
G41.0	183.5	184.5	185.1	169.6	170.7	162.1	159.8	167.8	183.5	
G41.5	176.0	181.4	182.1	170.8	167.8	159.2	156.5	168.4	176.0	
G42.0	172.8	181.6	175.0	167.9	164.8	156.5	153.1	161.4	172.8	
G42.5	169.6	175.1	171.9	160.7	157.4	153.6	149.9	158.3	169.6	
G43.0	166.1	172.6	168.9	162.2	154.6	147.1	148.1	159.0	166.1	
G43.5	166.9	169.3	165.6	155.1	151.7	148.3	143.2	151.8	166.9	
G44.0	163.3	166.6	162.5	152.3	148.8	145.2	141.6	152.3	163.3	
G44.5	159.5	167.3	159.3	149.5	149.9	142.2	136.1	148.7	159.5	
G45.0	155.7	164.5	160.5	151.1	142.9	139.0	132.6	140.6	155.7	
G45.5	147.8	161.6	157.1	148.3	143.7	135.5	129.1	140.6	147.8	
G46.0	147.8	154.5	154.1	141.4	140.6	132.1	125.5	136.2	147.8	
G46.5	144.1	151.5	146.7	142.4	137.3	128.0	121.5	131.3	144.1	
G47.0	140.2	148.2	148.0	139.4	130.0	124.1	120.4	126.5	140.2	
G47.5	132.4	149.1	144.8	136.2	130.6	117.4	114.2	121.4	132.4	
G48.0	132.0	141.2	137.4	132.4	127.1	113.6	112.8	112.0	132.0	
G48.5	127.8	137.6	138.1	124.9	119.6	112.3	105.7	111.6	127.8	
G49.0	120.2	133.8	134.9	120.8	115.9	108.3	101.4	102.7	120.2	
G49.5	119.1	133.8	131.5	120.2	112.1	104.2	97.4	98.6	119.1	
G50.0	114.1	125.2	123.8	115.6	111.5	100.1	93.3	98.8	114.1	
G50.5	109.6	120.8	124.4	110.4	107.6	93.6	92.1	90.9	109.6	
G51.0	105.1	116.5	116.8	102.0	100.3	91.4	84.9	87.7	105.1	
G51.5	97.7	112.4	112.7	101.1	99.7	85.3	80.6	88.8	97.7	
G52.0	95.9	112.1	108.9	96.9	95.6	82.9	79.9	85.7	95.9	
G52.5	91.5	103.9	108.9	89.1	88.3	78.9	72.2	78.5	91.5	
G53.0	87.1	99.9	100.8	85.5	84.1	72.9	68.1	75.5	87.1	
G53.5	82.8	95.6	100.7	85.6	79.8	69.1	64.1	76.2	82.8	
G54.0	76.4	94.6	96.3	82.3	75.5	64.8	60.2	68.9	76.4	
G54.5	73.8	86.8	92.2	78.8	70.7	60.7	59.8	68.8	73.8	
G55.0	68.3	82.7	87.8	72.1	66.3	57.6	52.3	64.8	68.3	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G55.5	65.3	81.4	79.2	72.1	63.7	53.7	48.6	56.7	65.3	
G56.0	60.6	74.3	78.7	68.4	59.2	49.8	45.0	55.9	60.6	
G56.5	55.5	72.7	69.8	64.1	54.8	45.8	45.2	48.2	55.5	
G57.0	51.9	68.4	69.9	60.0	48.7	41.9	37.7	44.3	51.9	
G57.5	48.2	64.2	61.1	55.5	44.7	37.0	37.7	44.0	48.2	
G58.0	44.8	57.7	61.1	47.9	42.7	34.2	30.7	41.2	44.8	
G58.5	41.3	55.8	56.7	44.0	37.5	30.5	27.3	35.3	41.3	
G59.0	37.8	51.3	48.3	43.2	35.3	26.3	27.6	35.6	37.8	
G59.5	34.5	47.2	48.7	37.3	31.8	22.8	24.6	33.1	34.5	
G60.0	31.5	43.1	40.6	34.2	28.5	19.5	21.8	30.6	31.5	
G60.5	27.5	37.6	40.9	34.1	24.5	16.5	19.0	27.8	27.5	
G61.0	24.5	33.5	32.7	29.0	21.6	13.9	16.8	24.7	24.5	
G61.5	21.5	29.4	33.5	26.2	18.8	11.6	14.6	21.0	21.5	
G62.0	18.6	25.6	25.4	25.1	16.7	9.7	12.5	17.2	18.6	
G62.5	15.9	21.8	25.8	21.2	13.9	8.1	10.7	13.7	15.9	
G63.0	13.2	17.9	22.7	14.9	12.0	6.9	5.1	11.3	13.2	
G63.5	12.5	14.8	19.5	11.5	10.2	6.2	4.0	7.8	12.5	
G64.0	9.0	12.2	16.9	9.1	8.9	5.7	7.4	7.8	9.0	
G64.5	9.2	9.2	10.1	9.2	7.8	5.5	2.9	6.9	9.2	
G65.0	5.9	8.3	8.1	6.7	7.2	5.3	2.7	5.2	5.9	
G65.5	5.4	6.1	6.3	6.1	6.2	5.1	2.4	4.7	5.4	
G66.0	4.8	6.5	9.2	6.9	5.8	4.6	2.2	5.4	4.8	
G66.5	6.7	4.4	4.1	6.4	6.2	4.3	2.0	5.0	6.7	
G67.0	6.7	4.0	3.5	5.2	5.1	4.1	1.7	4.3	6.7	
G67.5	3.8	5.7	3.0	5.8	5.8	3.9	5.7	4.3	3.8	
G68.0	6.1	3.4	2.8	4.9	4.3	4.2	1.4	4.0	6.1	
G68.5	3.1	3.1	2.7	4.6	5.2	3.5	1.2	4.0	3.1	
G69.0	2.9	2.8	2.5	4.8	5.3	3.3	5.2	3.4	2.9	
G69.5	2.7	5.4	2.4	4.5	5.2	3.0	5.0	3.8	2.7	
G70.0	5.5	2.3	6.4	4.1	3.1	2.8	4.8	3.8	5.5	
G70.5	2.1	5.2	2.0	4.2	4.9	3.3	0.5	2.5	2.1	
G71.0	1.9	5.1	6.1	4.1	4.7	2.5	4.5	2.2	1.9	
G71.5	5.0	5.0	1.6	3.2	4.4	3.0	4.4	3.5	5.0	
G72.0	1.3	4.8	5.7	3.9	4.5	2.7	4.2	3.4	1.3	
G72.5	1.1	4.8	5.4	2.9	1.9	1.8	4.0	3.3	1.1	
G73.0	4.5	4.6	1.0	3.5	1.5	2.6	0.0	1.2	4.5	
G73.5	0.7	4.5	0.9	2.3	1.4	2.2	0.0	3.1	0.7	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G74.0	4.2	0.6	0.7	2.0	4.0	1.3	0.0	3.0	4.2	
G74.5	0.2	4.3	4.7	1.6	0.9	1.1	0.0	0.4	0.2	
G75.0	0.1	0.0	0.4	1.5	0.7	1.7	3.2	2.9	0.1	
G75.5	0.0	4.0	0.1	1.3	0.4	1.8	0.0	2.8	0.0	
G76.0	0.0	0.0	0.0	0.8	3.4	1.7	0.0	0.0	0.0	
G76.5	3.4	3.7	0.0	0.8	0.0	1.6	0.0	2.6	3.4	
G77.0	0.0	3.5	3.8	2.7	0.0	0.2	0.0	2.5	0.0	
G77.5	0.0	0.0	0.0	0.2	0.0	0.0	2.4	2.5	0.0	
G78.0	2.9	3.2	3.5	2.5	2.9	0.0	2.5	0.0	2.9	
G78.5	2.8	0.0	0.0	2.4	0.0	1.0	0.0	0.0	2.8	
G79.0	2.7	0.0	3.1	2.3	0.0	0.0	2.0	2.3	2.7	
G79.5	2.5	0.0	0.0	0.0	2.5	0.0	2.1	0.0	2.5	
G80.0	2.4	0.0	2.8	0.0	2.4	0.8	2.0	2.1	2.4	
G80.5	2.3	2.5	2.7	0.0	2.3	0.0	0.0	2.0	2.3	
G81.0	2.1	2.3	0.0	0.0	2.2	0.0	0.0	1.7	2.1	
G81.5	0.0	1.9	0.0	0.0	2.0	0.0	0.0	0.0	0.0	
G82.0	1.9	2.0	2.2	0.0	2.0	0.4	1.6	0.0	1.9	
G82.5	1.8	1.8	0.0	0.0	1.8	0.0	0.0	0.0	1.8	
G83.0	1.7	0.0	0.0	1.5	1.7	0.3	1.4	1.6	1.7	
G83.5	0.0	1.4	1.8	1.4	1.6	0.2	1.4	1.5	0.0	
G84.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	
G84.5	0.0	1.2	0.0	1.3	0.0	0.3	1.3	1.4	0.0	
G85.0	1.2	1.0	1.4	1.2	0.0	0.0	1.3	1.3	1.2	
G85.5	1.3	0.8	0.0	1.2	0.0	0.1	1.1	0.0	1.3	
G86.0	1.2	0.0	1.2	1.1	1.3	0.0	0.0	1.1	1.2	
G86.5	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	
G87.0	1.1	0.0	0.0	1.1	0.0	0.0	0.0	1.0	1.1	
G87.5	0.0	0.2	0.0	1.0	0.0	0.0	1.0	0.9	0.0	
G88.0	0.0	0.0	0.9	0.0	1.0	0.0	0.9	0.0	0.0	
G88.5	1.0	0.0	0.8	0.8	0.0	0.0	0.9	0.0	1.0	
G89.0	1.0	0.0	0.0	0.0	0.9	0.0	0.9	0.0	1.0	
G89.5	0.7	0.0	0.0	0.9	0.0	0.0	0.9	0.0	0.7	
G90.0	0.9	0.0	0.6	0.0	0.0	0.1	0.0	0.4	0.9	
G90.5	0.9	0.0	0.0	0.0	0.8	0.0	0.9	0.3	0.9	
G91.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.2	0.0	
G91.5	0.9	0.0	0.0	0.7	0.7	0.0	0.9	0.0	0.9	
G92.0	0.9	0.0	0.5	0.9	0.7	0.0	0.9	0.0	0.9	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 5)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G92.5	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	
G93.0	0.0	0.0	0.0	0.7	0.6	0.0	0.0	0.0	0.0	
G93.5	0.9	0.0	0.0	0.0	0.5	0.2	0.9	0.0	0.9	
G94.0	0.9	0.0	0.0	0.9	0.5	0.3	0.0	0.0	0.9	
G94.5	0.9	0.0	0.0	1.0	0.5	0.3	0.7	0.0	0.9	
G95.0	0.0	0.0	0.3	0.9	0.0	0.3	0.0	0.0	0.0	
G95.5	0.0	0.0	0.2	0.0	0.3	0.0	0.9	0.0	0.0	
G96.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	0.0	0.0	
G96.5	0.9	0.0	0.0	0.9	0.0	0.4	0.0	0.0	0.9	
G97.0	0.0	0.0	0.0	0.9	0.0	0.0	0.9	0.0	0.0	
G97.5	1.0	0.0	0.0	0.9	0.0	0.5	0.0	0.0	1.0	
G98.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	
G98.5	0.9	0.0	0.0	0.0	0.1	0.5	1.0	0.0	0.9	
G99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G99.5	1.0	0.1	0.0	0.9	0.0	0.6	1.0	0.0	1.0	
G100.0	0.0	0.0	0.0	0.9	0.0	0.6	0.0	0.0	0.0	
G100.5	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	
G101.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	
G101.5	0.0	0.4	0.0	0.8	0.0	0.0	1.0	0.0	0.0	
G102.0	0.8	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.8	
G102.5	1.0	0.6	0.0	0.0	0.0	0.7	0.0	0.0	1.0	
G103.0	1.0	0.6	0.0	0.0	0.0	0.8	1.0	0.0	1.0	
G103.5	0.0	0.7	0.0	0.0	0.0	0.8	0.0	0.0	0.0	
G104.0	0.0	0.8	0.0	0.6	0.0	0.0	1.0	0.0	0.0	
G104.5	1.0	0.0	0.0	0.7	0.0	0.0	0.0	0.1	1.0	
G105.0	1.0	0.9	0.0	0.7	0.0	0.9	1.0	0.1	1.0	
G105.5	0.0	0.9	0.0	0.4	0.0	0.9	1.0	0.0	0.0	
G106.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	
G106.5	1.0	1.0	0.0	0.6	0.0	0.0	1.0	0.0	1.0	
G107.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	
G107.5	0.0	1.0	0.0	0.0	0.0	1.0	0.9	0.5	0.0	
G108.0	1.0	1.1	0.0	0.0	0.0	1.1	0.0	0.0	1.0	
G108.5	0.0	0.0	0.0	0.5	0.0	0.0	0.9	0.7	0.0	
G109.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.0	
G109.5	1.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	1.0	
G110.0	1.1	1.1	0.0	0.4	0.0	1.2	0.9	0.0	1.1	
G110.5	1.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	1.0	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G111.0	1.0	1.0	0.0	0.3	0.0	1.2	0.0	0.0	1.0	
G111.5	1.1	1.2	0.0	0.0	0.0	0.0	0.8	0.0	1.1	
G112.0	1.0	1.2	0.0	0.3	0.0	0.0	0.8	1.1	1.0	
G112.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G113.0	1.1	1.2	0.0	0.0	0.0	0.0	0.8	0.0	1.1	
G113.5	1.1	0.0	0.0	0.0	0.0	1.1	0.0	1.2	1.1	
G114.0	1.0	1.2	0.0	0.1	0.2	0.0	0.0	0.0	1.0	
G114.5	0.0	1.1	0.3	0.0	0.1	0.0	0.7	0.0	0.0	
G115.0	1.1	1.1	0.3	0.1	0.3	0.0	0.0	0.0	1.1	
G115.5	0.0	1.1	0.0	0.0	0.4	1.4	0.6	1.3	0.0	
G116.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	
G116.5	1.0	1.0	0.6	0.0	0.6	1.2	0.0	0.0	1.0	
G117.0	1.0	1.0	0.7	0.0	0.7	0.0	0.0	0.0	1.0	
G117.5	0.0	0.9	0.0	0.0	0.0	1.5	0.5	0.0	0.0	
G118.0	1.0	0.0	0.0	0.0	0.9	1.3	0.0	0.0	1.0	
G118.5	1.0	0.9	0.9	0.0	0.0	0.0	0.4	1.5	1.0	
G119.0	1.1	0.0	1.0	0.0	1.1	1.5	0.0	0.0	1.1	
G119.5	1.1	0.0	0.0	0.0	0.0	1.3	0.3	1.5	1.1	
G120.0	1.0	0.8	0.0	0.0	1.2	0.0	0.0	0.0	1.0	
G120.5	0.0	0.8	0.0	0.0	0.0	1.6	0.2	1.5	0.0	
G121.0	1.1	0.7	1.2	0.0	1.4	1.4	0.2	1.5	1.1	
G121.5	0.0	0.0	0.0	0.0	0.0	1.6	0.1	0.0	0.0	
G122.0	0.0	0.0	1.4	0.0	0.0	0.0	0.1	0.0	0.0	
G122.5	1.0	0.0	1.4	0.0	0.0	1.4	0.0	0.0	1.0	
G123.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G123.5	0.0	0.0	0.0	0.0	1.7	0.0	0.0	1.5	0.0	
G124.0	1.0	0.0	1.6	0.0	0.0	0.0	0.0	1.5	1.0	
G124.5	0.0	0.0	0.0	0.0	0.0	1.6	0.0	1.5	0.0	
G125.0	1.0	0.1	1.7	0.0	1.9	1.6	0.0	0.0	1.0	
G125.5	0.9	0.0	0.0	0.0	1.8	0.0	0.0	1.5	0.9	
G126.0	1.0	0.0	1.5	0.1	1.9	1.6	0.0	1.4	1.0	
G126.5	0.0	0.0	1.8	0.0	0.0	0.0	0.0	1.4	0.0	
G127.0	0.0	0.0	0.0	0.2	0.0	1.3	0.0	1.4	0.0	
G127.5	1.0	0.1	1.9	0.3	0.0	1.5	0.4	0.0	1.0	
G128.0	0.9	0.0	0.0	0.3	2.0	1.5	0.0	0.0	0.9	
G128.5	0.8	0.0	2.0	0.0	0.0	1.3	0.6	0.0	0.8	
G129.0	0.0	0.0	0.0	0.0	2.0	0.0	0.8	0.0	0.0	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 7)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G129.5	0.9	0.0	2.0	0.5	2.1	1.4	1.0	1.3	0.9	
G130.0	0.7	0.0	2.1	0.0	0.0	1.3	0.0	1.3	0.7	
G130.5	0.9	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.9	
G131.0	0.9	0.0	2.1	0.0	2.1	0.0	0.0	1.2	0.9	
G131.5	1.0	0.0	0.0	0.8	0.0	1.2	0.0	1.2	1.0	
G132.0	0.0	0.0	0.0	0.0	0.0	1.2	1.5	0.0	0.0	
G132.5	0.0	0.0	0.0	0.0	2.2	1.2	0.0	0.0	0.0	
G133.0	0.0	0.5	0.0	1.0	0.0	0.0	0.0	1.1	0.0	
G133.5	0.0	0.6	2.3	0.0	2.1	0.0	0.0	0.0	0.0	
G134.0	0.9	0.6	2.3	0.0	2.2	1.1	0.0	1.0	0.9	
G134.5	0.0	0.7	2.3	1.2	2.2	0.0	0.0	1.0	0.0	
G135.0	0.0	0.0	0.0	1.0	0.0	1.0	2.1	1.0	0.0	
G135.5	0.0	0.9	2.4	1.3	2.2	0.0	0.0	0.9	0.0	
G136.0	0.0	1.0	2.3	1.4	0.0	0.9	2.3	0.0	0.0	
G136.5	0.9	1.0	0.0	0.0	2.2	0.1	0.0	0.9	0.9	
G137.0	0.0	1.1	0.0	1.5	0.0	0.8	0.0	0.8	0.0	
G137.5	0.9	1.2	0.0	1.5	0.0	0.8	2.5	0.6	0.9	
G138.0	0.2	1.2	2.4	1.6	2.2	0.5	0.0	0.8	0.2	
G138.5	0.9	0.0	2.2	1.6	2.2	0.6	0.0	0.7	0.9	
G139.0	0.3	1.4	2.4	1.7	0.0	0.6	0.0	0.5	0.3	
G139.5	1.0	0.0	2.4	0.0	0.0	0.5	2.8	0.6	1.0	
G140.0	0.9	0.0	0.0	0.0	2.2	0.5	2.6	0.6	0.9	
G140.5	0.5	0.0	0.0	1.9	0.0	1.2	0.0	0.4	0.5	
G141.0	0.6	0.0	0.0	0.0	2.1	0.3	0.0	0.8	0.6	
G141.5	0.9	0.0	2.5	2.0	0.0	0.3	2.8	0.5	0.9	
G142.0	0.9	0.0	0.0	0.0	2.1	1.6	3.0	0.3	0.9	
G142.5	0.7	1.8	2.5	0.0	0.0	1.6	0.0	0.4	0.7	
G143.0	1.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4	1.0	
G143.5	1.0	0.0	0.0	0.0	0.0	1.9	0.0	0.1	1.0	
G144.0	0.8	2.0	0.0	0.0	2.1	0.0	3.1	1.4	0.8	
G144.5	1.0	2.0	2.3	2.4	0.0	2.2	0.0	1.5	1.0	
G145.0	1.1	1.9	0.0	0.0	2.0	0.0	0.0	1.4	1.1	
G145.5	1.0	2.1	0.0	0.0	2.0	2.4	3.1	1.8	1.0	
G146.0	1.2	0.0	2.3	2.5	2.0	0.0	2.9	1.9	1.2	
G146.5	1.1	0.0	2.5	2.5	2.0	2.6	3.0	0.1	1.1	
G147.0	1.2	2.3	2.5	2.6	2.0	0.0	3.0	2.1	1.2	
G147.5	1.4	2.4	2.3	0.0	2.0	0.0	2.9	2.2	1.4	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G148.0	1.1	2.5	2.5	0.0	1.9	3.0	2.9	2.3	1.1	
G148.5	1.2	0.0	0.0	0.0	0.7	3.0	2.9	0.0	1.2	
G149.0	1.6	2.5	2.3	0.0	1.9	0.0	2.8	0.0	1.6	
G149.5	1.2	0.0	2.5	0.0	0.9	0.0	2.8	2.6	1.2	
G150.0	1.7	0.0	0.2	2.9	1.0	3.3	0.1	2.7	1.7	
G150.5	1.8	2.7	2.6	2.7	1.1	3.4	0.2	0.0	1.8	
G151.0	1.8	0.0	0.3	0.0	1.9	0.0	2.6	2.9	1.8	
G151.5	1.3	2.7	2.5	3.1	1.8	3.5	0.5	3.0	1.3	
G152.0	1.9	2.8	2.5	2.9	1.8	0.0	0.7	0.0	1.9	
G152.5	1.3	0.1	0.6	0.0	1.5	0.0	2.4	3.1	1.3	
G153.0	2.0	2.9	0.7	0.0	1.5	3.7	0.9	0.0	2.0	
G153.5	1.4	0.2	0.7	0.0	1.6	0.0	1.1	0.0	1.4	
G154.0	1.4	3.0	2.4	3.3	1.4	0.0	2.2	0.0	1.4	
G154.5	1.4	3.0	2.4	3.3	1.6	0.0	2.1	3.5	1.4	
G155.0	2.2	3.0	2.4	0.2	1.9	0.0	2.0	0.0	2.2	
G155.5	2.3	3.1	2.4	0.2	1.4	0.0	1.6	0.0	2.3	
G156.0	2.3	0.4	1.1	0.2	2.1	0.0	1.7	0.0	2.3	
G156.5	2.3	0.4	1.2	3.4	1.5	0.0	1.9	0.0	2.3	
G157.0	2.4	0.4	2.4	3.5	2.1	0.0	1.7	3.8	2.4	
G157.5	2.5	3.2	2.4	3.5	2.4	0.0	1.6	0.0	2.5	
G158.0	1.4	0.5	1.5	0.3	2.5	0.0	2.3	0.0	1.4	
G158.5	1.6	0.5	1.6	0.4	2.3	0.0	2.4	0.0	1.6	
G159.0	2.5	0.5	2.3	0.4	1.3	0.0	1.3	4.0	2.5	
G159.5	1.4	3.3	1.7	0.4	2.7	0.1	2.7	4.0	1.4	
G160.0	2.7	3.4	1.8	0.5	1.1	4.0	1.2	4.1	2.7	
G160.5	1.6	0.4	2.3	3.7	1.2	0.0	3.0	3.9	1.6	
G161.0	1.5	3.4	2.3	3.7	3.0	0.3	3.1	0.0	1.5	
G161.5	1.7	3.5	2.3	0.6	1.0	0.3	1.1	0.0	1.7	
G162.0	2.8	3.3	2.0	0.6	3.1	3.7	3.3	0.0	2.8	
G162.5	1.5	3.5	2.3	0.6	1.1	0.5	3.4	0.0	1.5	
G163.0	1.7	3.5	2.3	0.7	3.1	3.8	0.6	4.2	1.7	
G163.5	1.8	0.7	2.3	3.8	1.0	3.6	0.7	4.0	1.8	
G164.0	1.8	0.9	2.3	0.7	3.5	3.7	0.7	4.2	1.8	
G164.5	1.8	3.5	2.4	0.8	0.8	3.6	3.7	0.1	1.8	
G165.0	3.0	3.4	2.3	3.8	3.6	0.9	4.0	4.0	3.0	
G165.5	3.0	3.6	2.4	3.9	0.9	1.1	0.5	0.1	3.0	
G166.0	3.1	1.0	2.3	3.9	3.7	1.2	3.9	0.2	3.1	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

Candlepower Table (Continue 9)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G166.5	1.9	3.7	2.6	3.9	0.9	1.4	4.2	4.2	1.9	
G167.0	1.9	1.1	2.2	0.9	3.9	3.3	0.4	0.3	1.9	
G167.5	3.1	3.6	2.5	3.7	3.9	3.2	4.2	4.3	3.1	
G168.0	3.1	3.6	2.2	3.9	4.0	1.7	4.4	0.4	3.1	
G168.5	1.9	1.3	2.2	3.9	4.1	3.1	4.5	4.2	1.9	
G169.0	3.2	1.3	2.6	0.9	0.8	3.0	0.3	0.5	3.2	
G169.5	2.0	3.6	2.2	3.9	0.8	2.1	0.3	4.2	2.0	
G170.0	2.0	3.6	2.9	1.2	4.3	2.2	0.4	0.6	2.0	
G170.5	2.1	3.6	2.8	1.0	0.6	2.3	0.2	0.7	2.1	
G171.0	3.2	1.5	2.1	3.9	0.8	2.2	4.7	0.6	3.2	
G171.5	3.3	1.5	2.1	3.9	0.8	2.6	0.5	4.2	3.3	
G172.0	3.3	3.6	2.9	3.7	4.5	2.5	0.5	4.1	3.3	
G172.5	2.1	3.6	2.1	3.9	4.6	2.4	0.5	0.9	2.1	
G173.0	2.2	1.7	2.1	3.9	4.5	2.9	0.5	4.2	2.2	
G173.5	3.3	1.7	2.2	1.2	0.7	3.0	0.6	1.0	3.3	
G174.0	2.2	3.6	2.1	3.9	4.8	2.1	0.7	4.1	2.2	
G174.5	3.3	1.8	3.3	3.9	0.7	3.3	4.7	1.1	3.3	
G175.0	2.3	3.5	2.2	4.0	0.7	1.9	4.6	4.0	2.3	
G175.5	2.3	1.9	2.0	1.5	0.7	3.6	4.6	1.3	2.3	
G176.0	3.3	3.5	3.4	1.5	5.0	1.7	4.5	4.0	3.3	
G176.5	2.4	3.4	3.5	3.8	4.9	1.6	4.5	1.4	2.4	
G177.0	2.4	3.3	2.0	1.6	5.0	1.5	1.1	3.8	2.4	
G177.5	2.5	3.2	3.6	3.7	0.8	1.3	1.1	1.6	2.5	
G178.0	3.2	2.9	1.9	3.6	5.0	4.2	4.3	1.6	3.2	
G178.5	3.1	2.9	1.8	1.9	0.8	1.2	4.3	1.7	3.1	
G179.0	3.0	2.5	3.8	2.4	0.9	4.2	4.1	3.4	3.0	
G179.5	3.2	3.5	3.9	2.3	1.0	4.4	1.5	3.4	3.2	
G180.0	2.0	3.8	4.0	1.5	1.5	4.8	1.9	2.5	2.0	

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector: