

Report No.:

Test Time: 2021-03-22 17:03

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MLS033W12V27KDC Voltage: 12.3 V

Current: 0.257 A

Power: 2.90 W

Power Factor: 0.935

Volt Amps: 3.10 VA

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 347.1 lm

Measurement Flux: 347.1 lm

Efficiency: 100%

Downward Ratio: 98%

Upward Ratio: 2%

Horizontal Diffuse Angle(10%,50%,75%,100%): H165.1,H111.4,H79.8,H2

Vertical Diffuse Angle(10%,50%,75%,100%): V146.4,V111.9,V80.2,V6

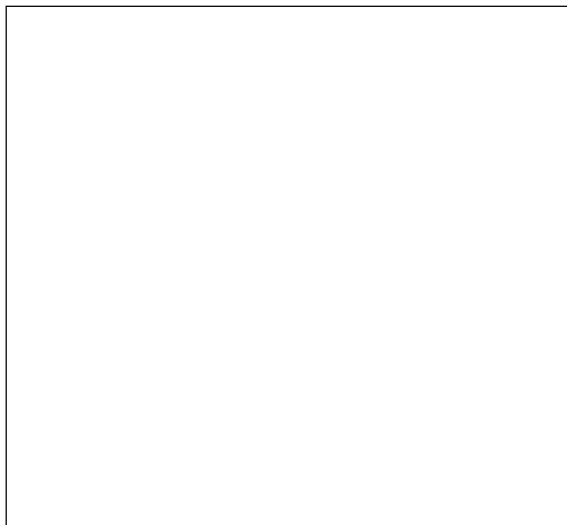
Luminaire Efficacy Rating (LER): 120

Central Intensity: 116.68 cd

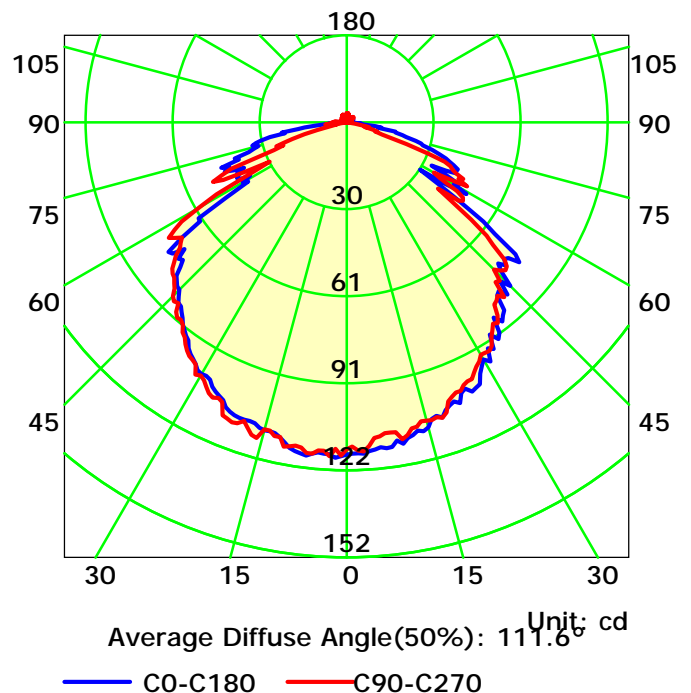
Max. Intensity: 120.31 cd

Pos of Max. Intensity: H225 V4

Picture Of Luminaire



Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

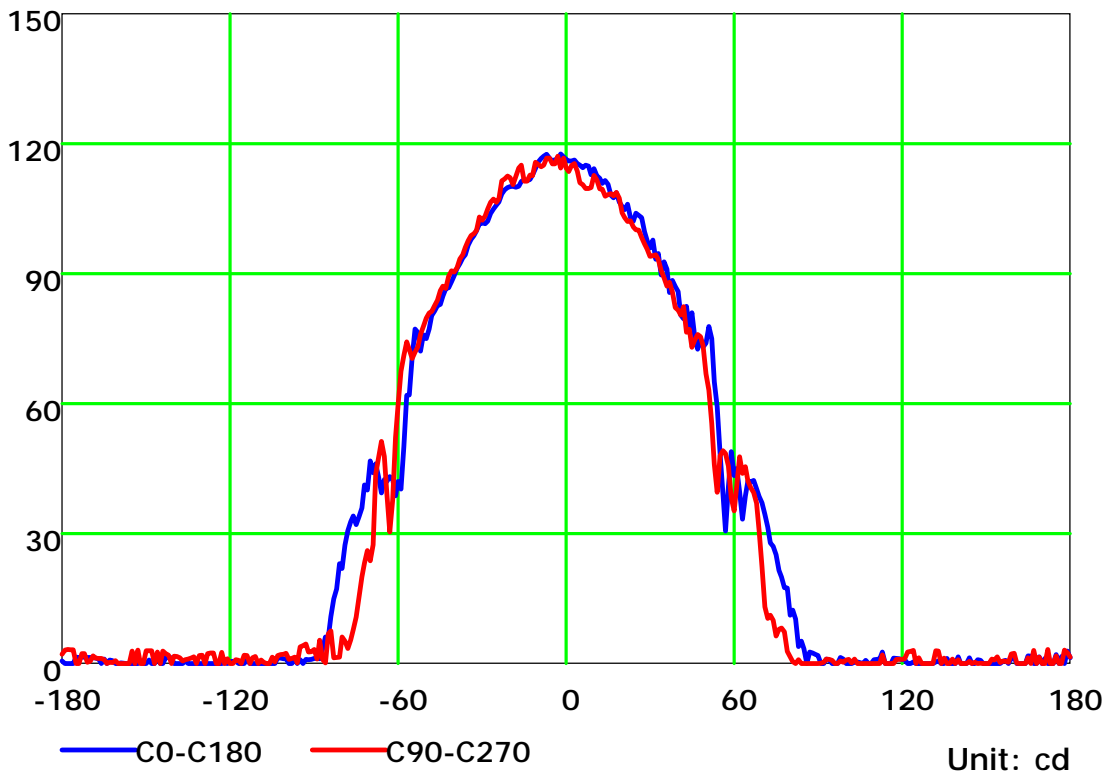
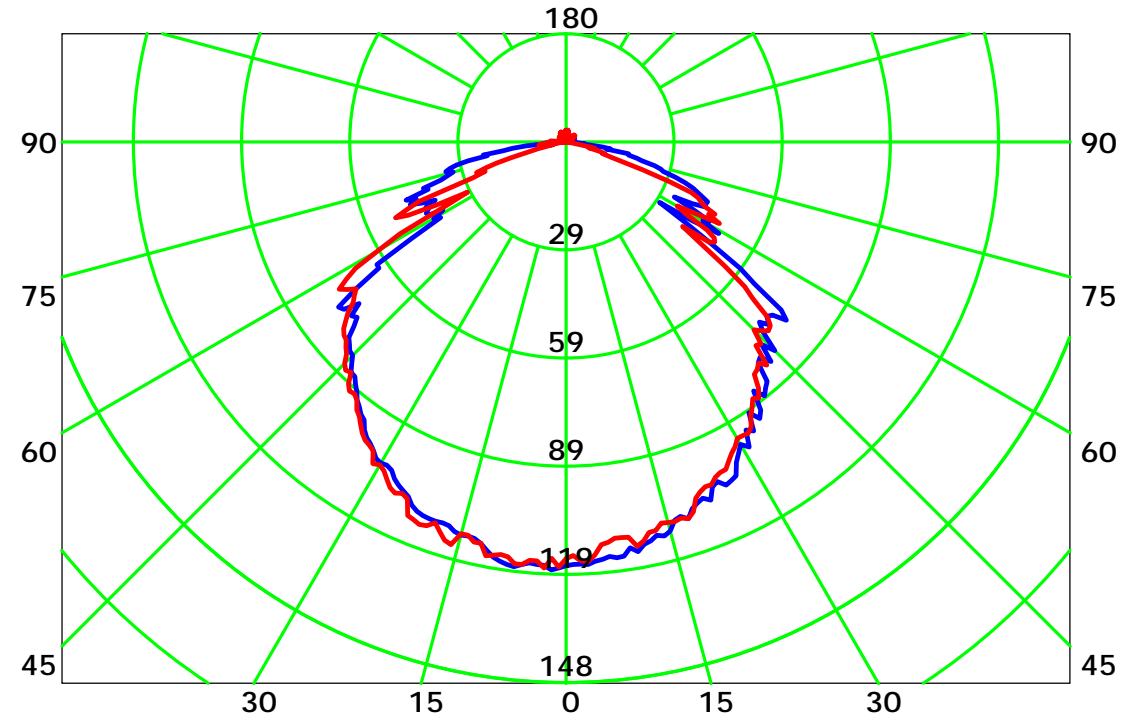
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

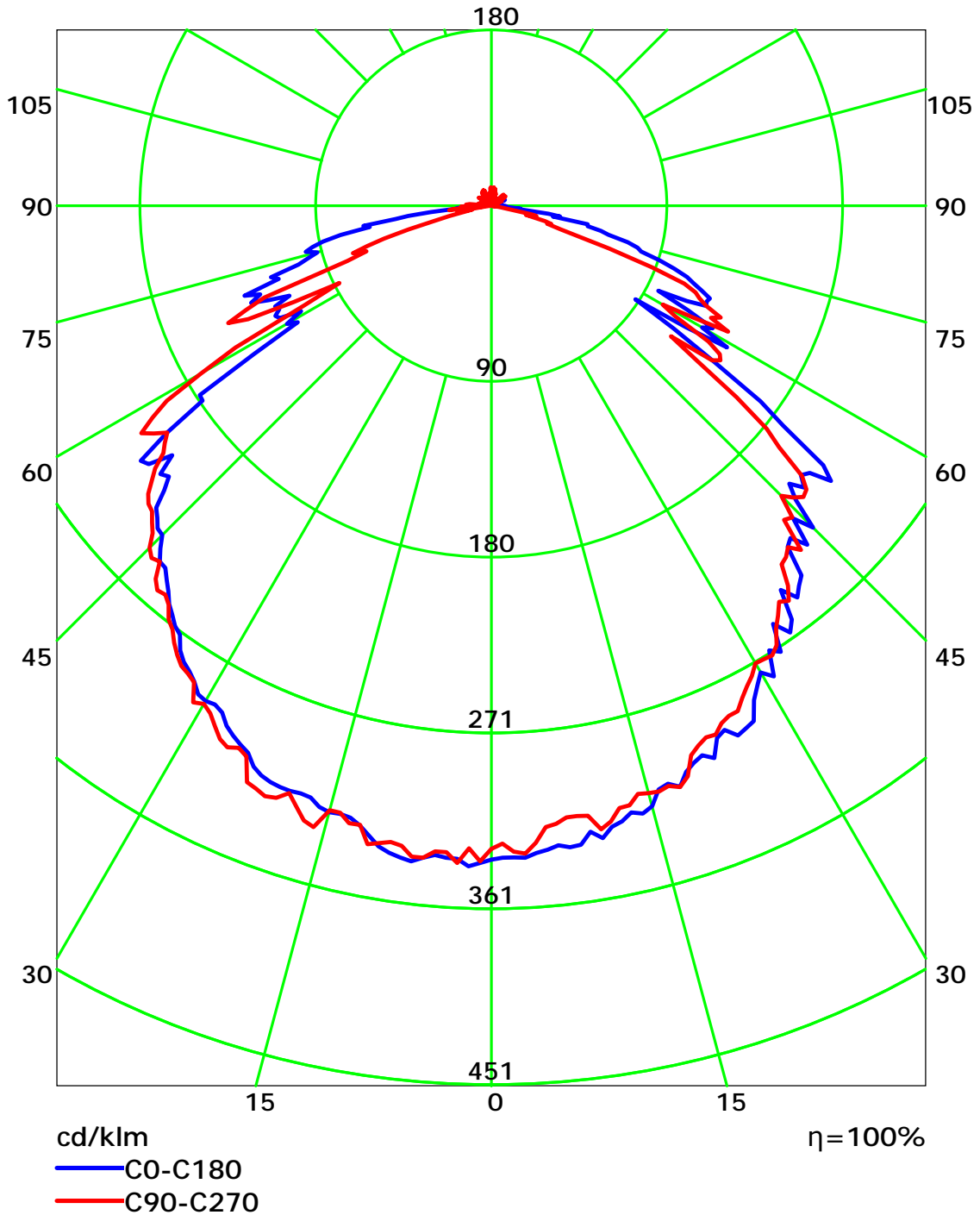
Luminous Intensity Distribution Curve



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



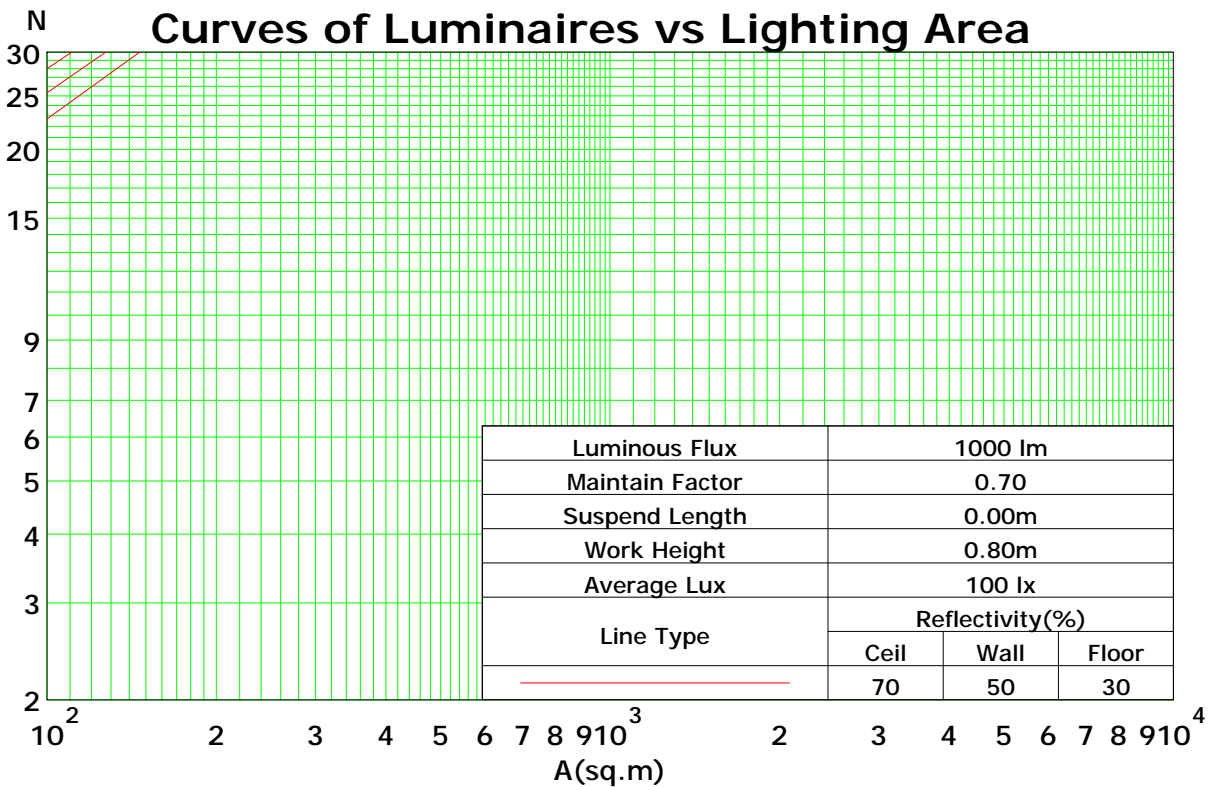
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 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	110	110	110	105	105	105	101	101	101	98
1	108	103	99	95	105	101	97	93	96	93	90	92	89	87	88	86	84	82
2	98	90	83	77	95	88	81	76	84	78	74	80	76	72	77	73	70	68
3	89	79	70	64	87	77	69	63	74	67	62	71	65	60	68	63	59	57
4	82	70	61	54	79	68	60	53	65	58	52	63	57	52	60	55	51	48
5	75	62	53	46	73	61	52	46	59	51	45	56	50	45	54	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	44	39	49	43	39	36
7	64	51	42	35	62	50	41	35	48	40	35	46	40	35	45	39	34	32
8	60	46	37	32	58	45	37	31	44	36	31	42	36	31	41	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	35	29	25	23

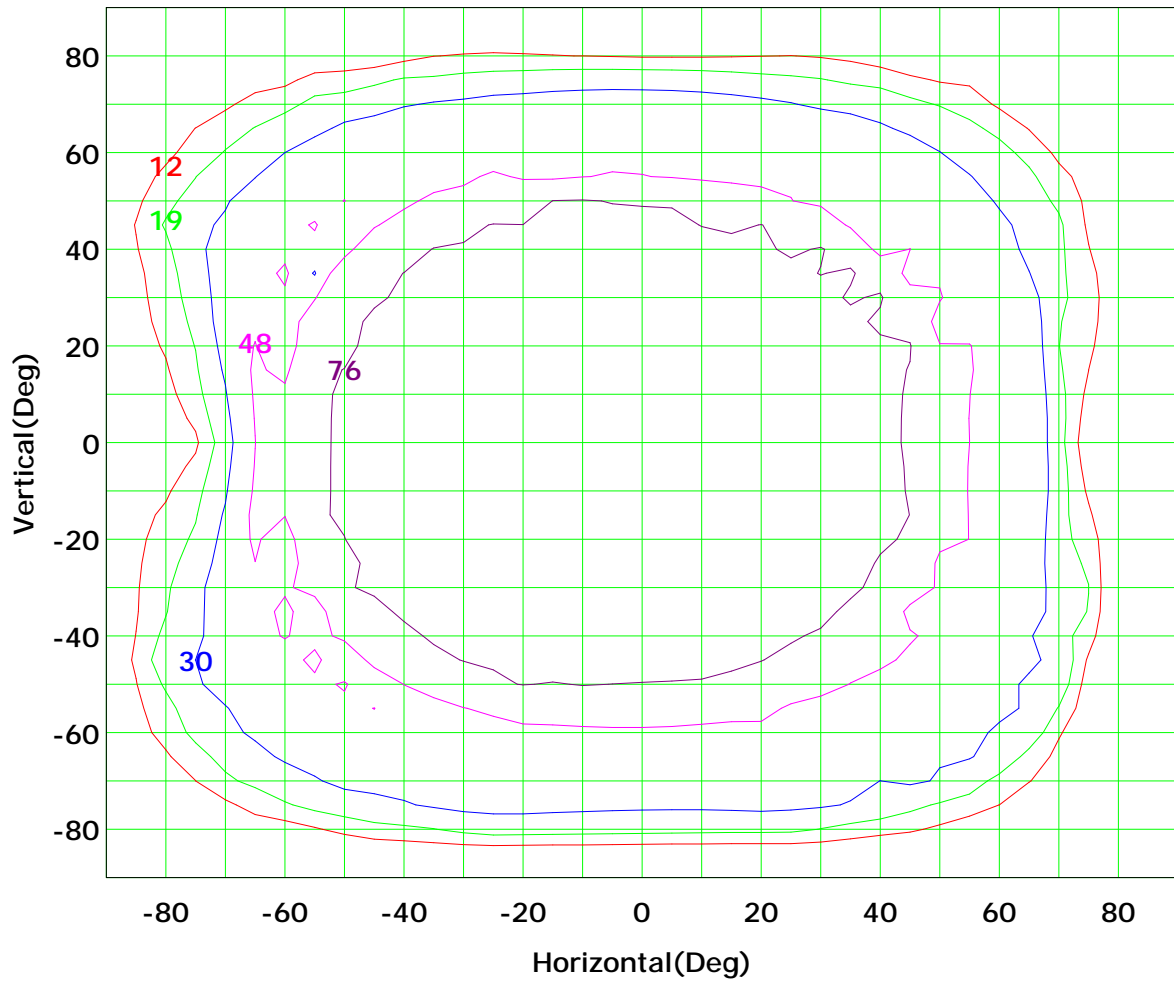
Spacing Criteria (0-180): 1.27
 Spacing Criteria (90-270): 1.29
 Spacing Criteria (Diagonal): 1.40



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Isocandela (rectangle)



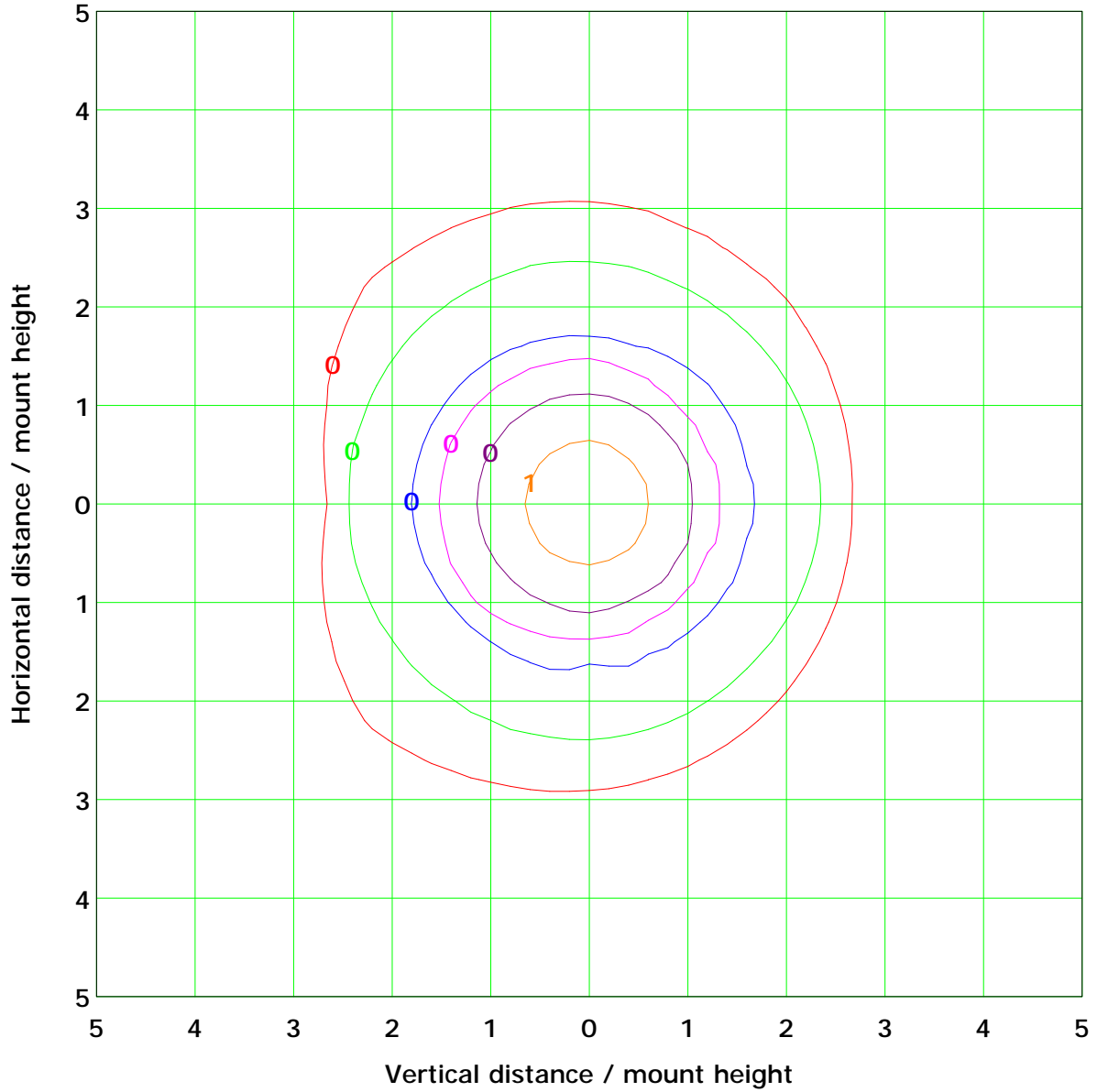
Imax (100%): 120 cd

— (10%):	12 cd	— (16%):	19 cd
— (25%):	30 cd	— (40%):	48 cd
— (63%):	76 cd	— (100%):	120 cd

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 1.2 lx

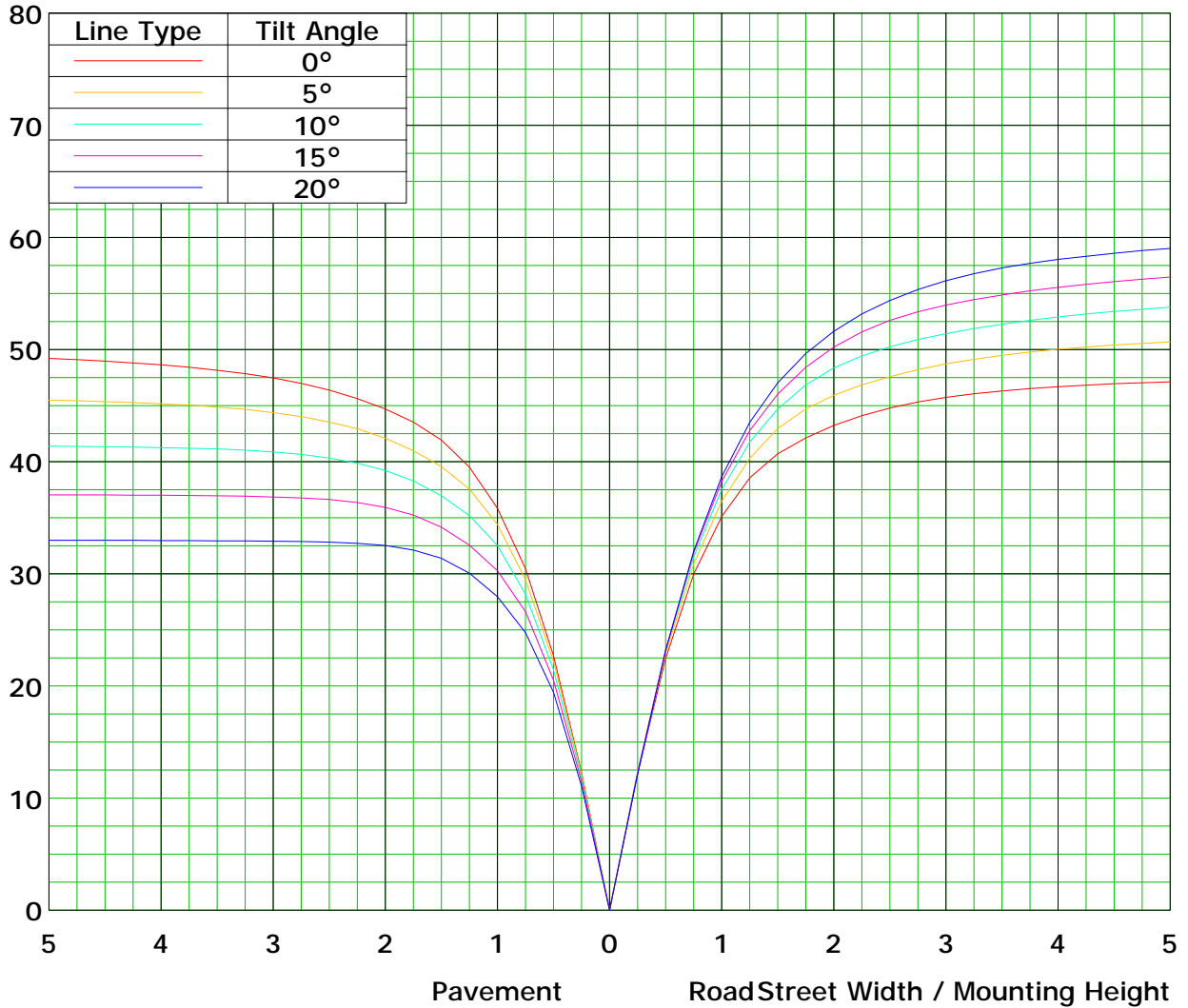
(1%): 0.0 lx	(2%): 0.0 lx
(5%): 0.1 lx	(10%): 0.1 lx
(20%): 0.2 lx	(50%): 0.6 lx
(100%): 1.2 lx	

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)



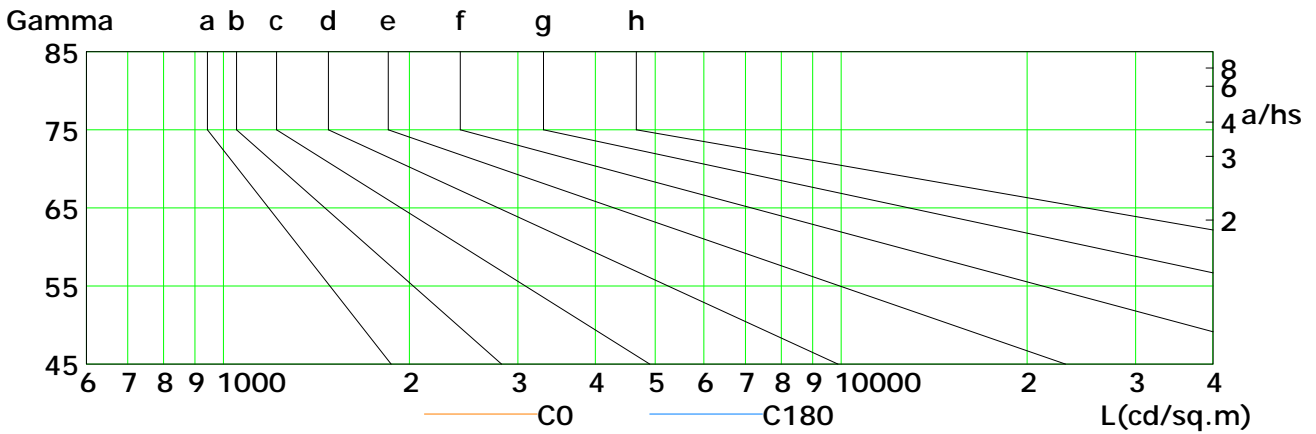
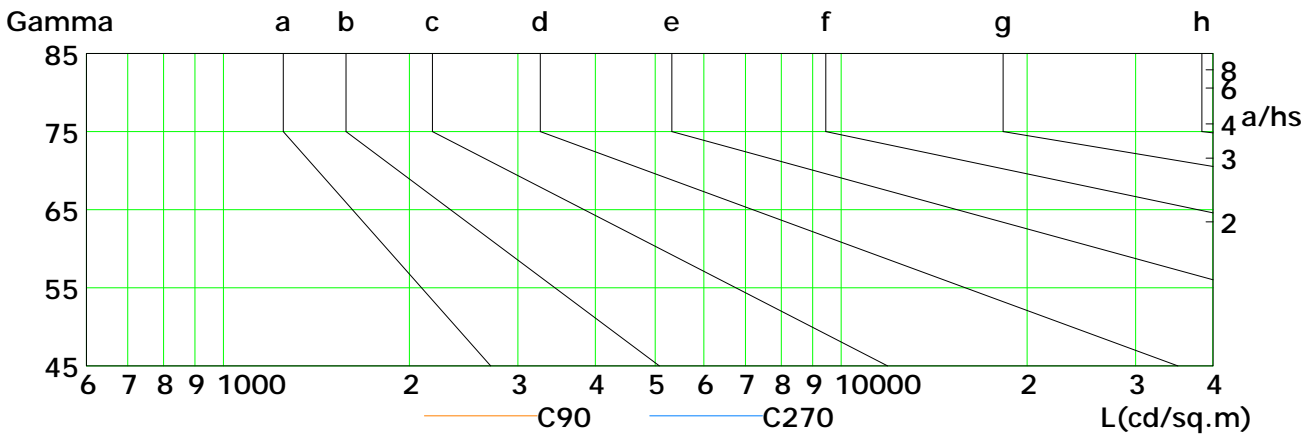
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 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

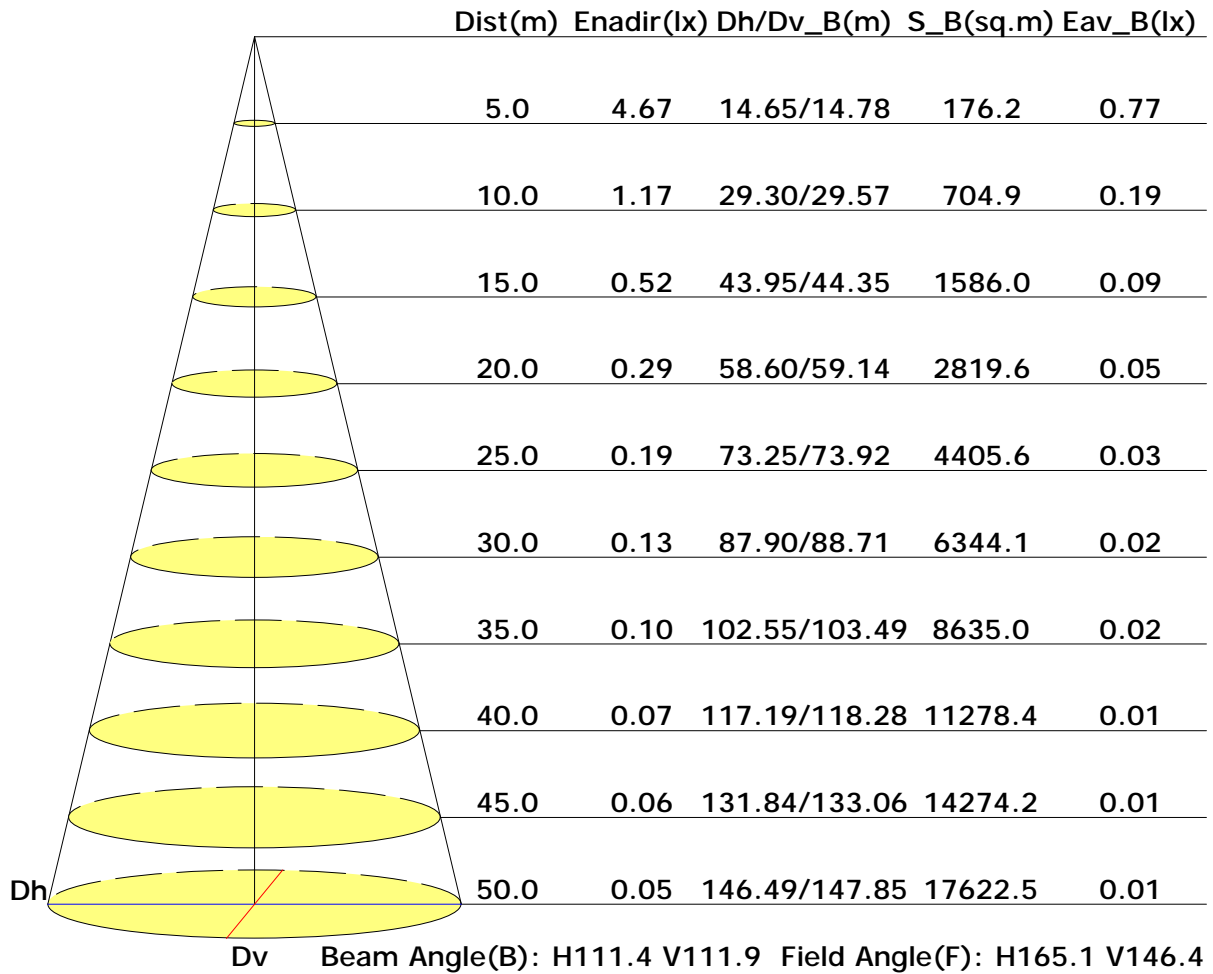


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	81	74	49	44	42	37	25	11	3
C90	73	67	48	35	42	22	6	2	0
C180	83	75	71	42	43	47	32	22	6
C270	86	80	71	60	48	24	11	6	7

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

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

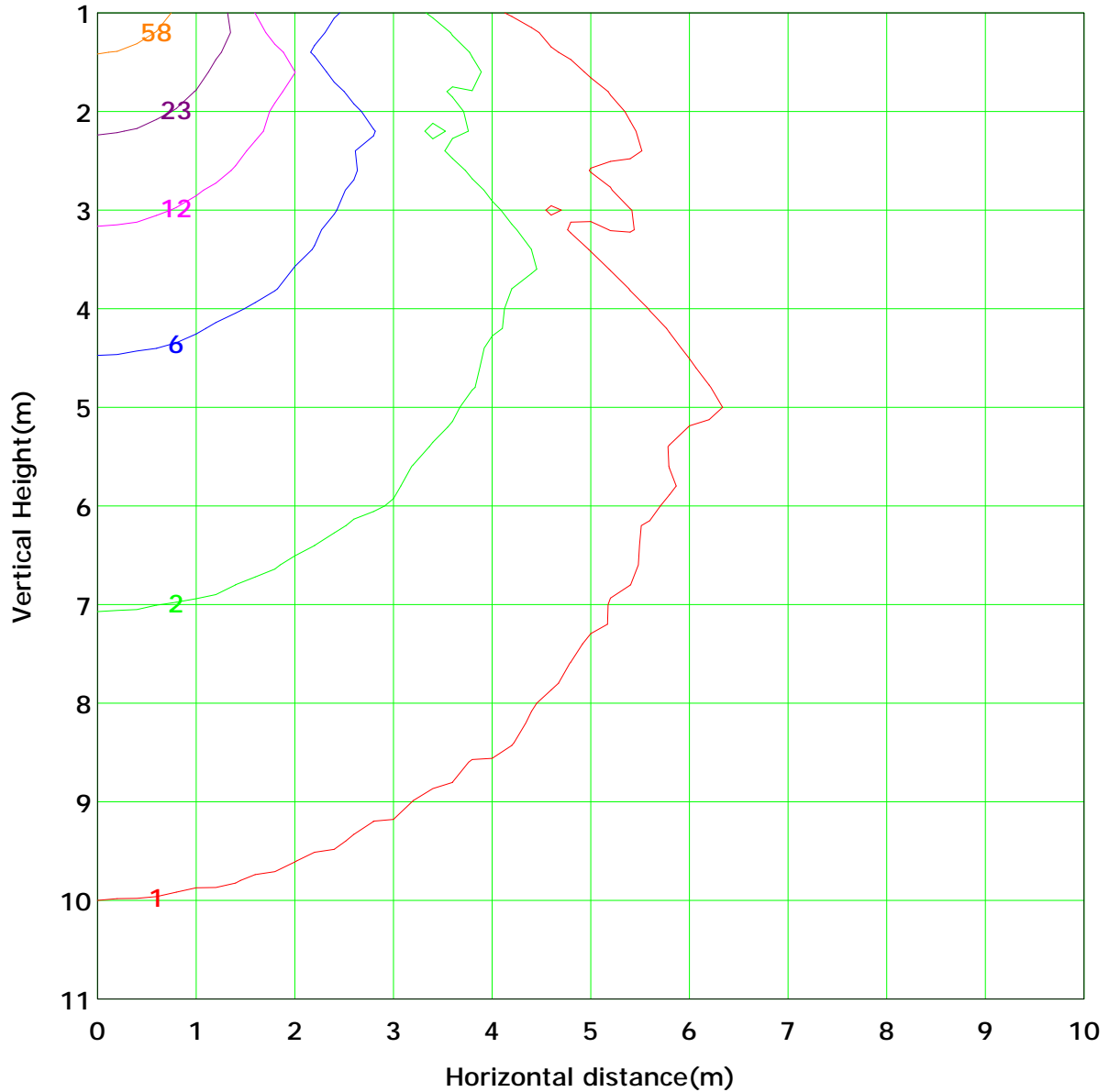
Illuminance at a Distance



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Vertical IsoLux Plot

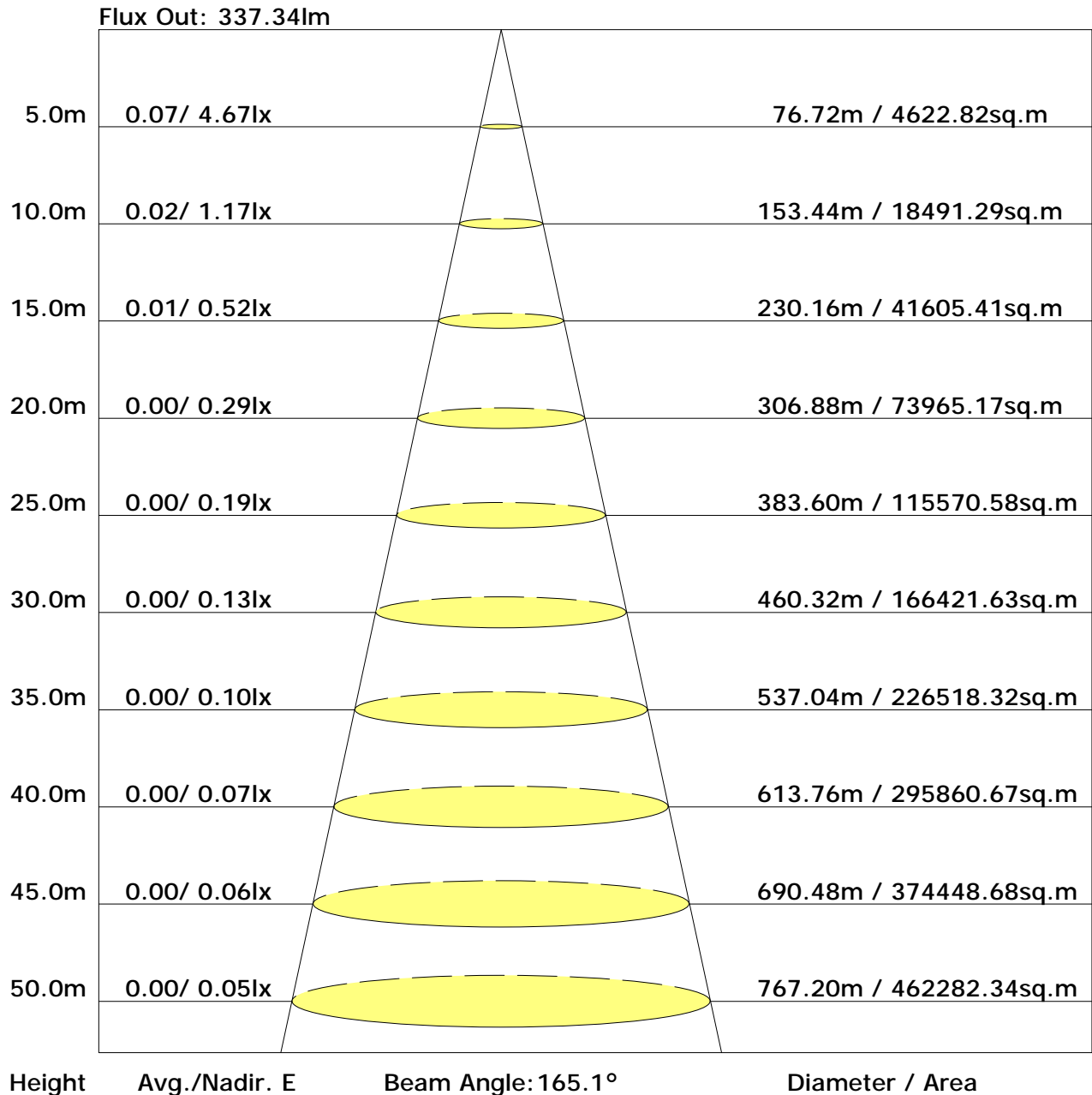


Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 116.7 lx
(1%): 1.2 lx	(2%): 2.3 lx	
(5%): 5.8 lx	(10%): 11.7 lx	
(20%): 23.3 lx	(50%): 58.3 lx	
(100%): 116.7 lx		

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

The Average Illuminance Effective Figure



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

UGR Table

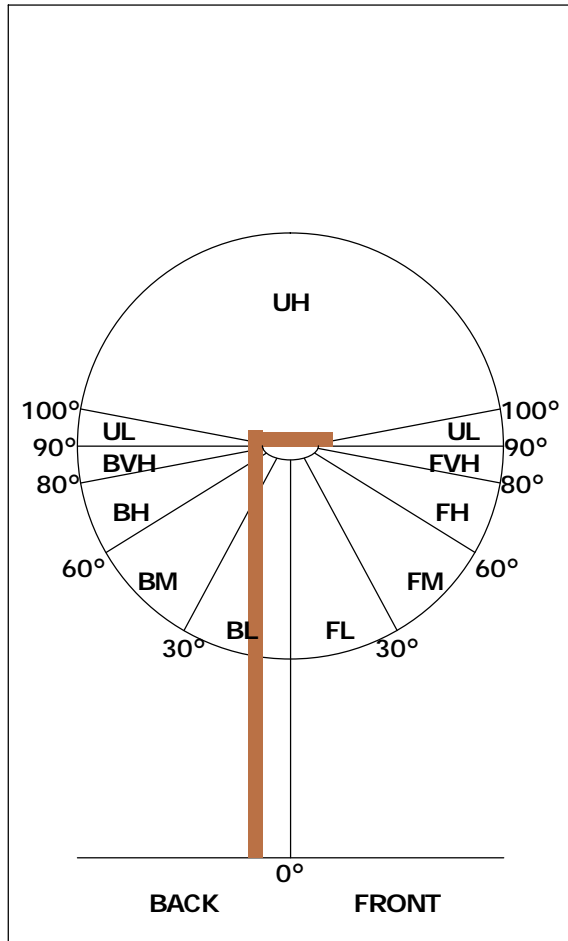
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$	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 (°):0.0-180.0:1.0
 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	167	48.0
FL (0°-30°)	45	13.0
FM (30°-60°)	86	24.8
FH (60°-80°)	32	9.3
FVH (80°-90°)	3	1.0
BACK LIGHT	175	50.4
BL (0°-30°)	46	13.1
BM (30°-60°)	90	25.8
BH (60°-80°)	36	10.2
BVH (80°-90°)	4	1.2
UP LIGHT	5	1.5
UL (90°-100°)	1	0.4
UH (100°-180°)	4	1.2
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: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.50								
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	0.59	0.67	0.75	0.80	0.87	0.92	0.95	1.00	1.03
	0.30		0.51	0.60	0.67	0.73	0.81	0.86	0.90	0.96	0.99
	0.20		0.46	0.54	0.62	0.68	0.76	0.82	0.86	0.92	0.96
0.50	0.50	0.20	0.57	0.65	0.72	0.77	0.84	0.88	0.91	0.96	0.98
	0.30		0.50	0.58	0.66	0.71	0.79	0.84	0.87	0.92	0.95
	0.20		0.46	0.53	0.61	0.66	0.74	0.80	0.84	0.89	0.93
0.30	0.50	0.20	0.56	0.63	0.70	0.74	0.81	0.85	0.88	0.92	0.94
	0.30		0.50	0.57	0.64	0.69	0.76	0.81	0.84	0.89	0.92
	0.20		0.45	0.52	0.60	0.65	0.72	0.78	0.81	0.86	0.90
0.00	0.00	0.00	0.43	0.50	0.57	0.62	0.69	0.74	0.77	0.82	0.85
<p>Rating: 3W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>											

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.50									
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	0.96	0.81	0.69	0.60	0.48	0.40	0.34	0.27	0.22	
	0.30		0.80	0.70	0.60	0.53	0.44	0.37	0.32	0.25	0.21	
	0.20		0.68	0.61	0.53	0.48	0.40	0.34	0.30	0.24	0.20	
0.50	0.50	0.20	0.92	0.78	0.66	0.57	0.46	0.42	0.33	0.25	0.21	
	0.30		0.78	0.68	0.58	0.51	0.42	0.35	0.31	0.24	0.20	
	0.20		0.67	0.60	0.52	0.47	0.39	0.33	0.29	0.23	0.19	
0.30	0.50	0.20	0.89	0.75	0.63	0.55	0.44	0.36	0.31	0.24	0.20	
	0.30		0.76	0.66	0.57	0.50	0.40	0.34	0.29	0.23	0.19	
	0.20		0.66	0.59	0.51	0.46	0.38	0.32	0.28	0.22	0.18	
0.00	0.00	0.00	0.56	0.49	0.42	0.37	0.30	0.25	0.22	0.17	0.14	
<p>Rating: 3W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.50									
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	0.17	0.19	0.20	0.20	0.21	0.22	0.22	0.23	0.23	
	0.30		0.11	0.12	0.14	0.15	0.16	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	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22	0.22	
	0.30		0.11	0.12	0.13	0.14	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	0.18	
0.30	0.50	0.20	0.16	0.18	0.18	0.19	0.20	0.20	0.21	0.21	0.21	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.17	0.18	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	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
<p>Rating: 3W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 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	115.7	0.1	0.1	0.03	0.03
1.0-2.0	116.0	0.3	0.4	0.10	0.13
2.0-3.0	116.2	0.6	1.0	0.16	0.29
3.0-4.0	116.3	0.8	1.8	0.22	0.51
4.0-5.0	115.9	1.0	2.8	0.29	0.80
5.0-6.0	115.1	1.2	4.0	0.35	1.15
6.0-7.0	115.0	1.4	5.4	0.41	1.56
7.0-8.0	114.8	1.6	7.1	0.47	2.03
8.0-9.0	114.3	1.9	8.9	0.53	2.57
9.0-10.0	114.1	2.1	11.0	0.59	3.16
10.0-11.0	113.6	2.3	13.2	0.65	3.82
11.0-12.0	112.9	2.5	15.7	0.71	4.53
12.0-13.0	112.6	2.7	18.4	0.77	5.30
13.0-14.0	111.6	2.9	21.2	0.82	6.12
14.0-15.0	110.8	3.0	24.3	0.88	7.00
15.0-16.0	111.0	3.3	27.5	0.94	7.93
16.0-17.0	110.6	3.4	31.0	0.99	8.93
17.0-18.0	110.1	3.6	34.6	1.05	9.97
18.0-19.0	109.7	3.8	38.4	1.10	11.07
19.0-20.0	108.7	4.0	42.4	1.15	12.22
20.0-21.0	107.8	4.1	46.6	1.19	13.41
21.0-22.0	107.2	4.3	50.9	1.24	14.65
22.0-23.0	106.4	4.5	55.3	1.29	15.94
23.0-24.0	105.2	4.6	59.9	1.33	17.27
24.0-25.0	104.5	4.8	64.7	1.37	18.64
25.0-26.0	104.3	4.9	69.6	1.42	20.05
26.0-27.0	103.6	5.1	74.7	1.46	21.51
27.0-28.0	102.3	5.2	79.9	1.49	23.01
28.0-29.0	101.3	5.3	85.2	1.53	24.53
29.0-30.0	100.4	5.4	90.6	1.56	26.09
30.0-31.0	99.4	5.5	96.1	1.59	27.69
31.0-32.0	98.4	5.6	101.7	1.62	29.31
32.0-33.0	97.6	5.7	107.5	1.66	30.97
33.0-34.0	96.0	5.8	113.3	1.67	32.64
34.0-35.0	94.2	5.8	119.2	1.69	34.33
35.0-36.0	93.0	5.9	125.1	1.71	36.03

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

Gamma Plane (°):0.0-180.0:1.0
 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 [%]
36.0-37.0	91.1	5.9	131.0	1.71	37.75
37.0-38.0	90.0	6.0	137.0	1.73	39.48
38.0-39.0	89.7	6.1	143.1	1.76	41.24
39.0-40.0	88.6	6.2	149.3	1.78	43.02
40.0-41.0	86.8	6.2	155.5	1.78	44.80
41.0-42.0	85.4	6.2	161.7	1.79	46.59
42.0-43.0	84.7	6.3	168.0	1.81	48.40
43.0-44.0	83.4	6.3	174.3	1.81	50.21
44.0-45.0	81.4	6.3	180.6	1.80	52.02
45.0-46.0	79.9	6.2	186.8	1.80	53.82
46.0-47.0	79.2	6.3	193.1	1.81	55.63
47.0-48.0	78.6	6.4	199.4	1.83	57.46
48.0-49.0	77.6	6.4	205.8	1.84	59.30
49.0-50.0	75.7	6.3	212.1	1.82	61.12
50.0-51.0	73.7	6.2	218.4	1.80	62.91
51.0-52.0	71.1	6.1	224.5	1.76	64.67
52.0-53.0	66.7	5.8	230.3	1.67	66.34
53.0-54.0	61.8	5.4	235.7	1.57	67.91
54.0-55.0	58.9	5.3	241.0	1.52	69.43
55.0-56.0	58.4	5.3	246.3	1.52	70.95
56.0-57.0	58.0	5.3	251.6	1.53	72.48
57.0-58.0	56.4	5.2	256.8	1.50	73.98
58.0-59.0	53.2	5.0	261.8	1.43	75.41
59.0-60.0	48.5	4.6	266.3	1.32	76.73
60.0-61.0	43.7	4.2	270.5	1.20	77.93
61.0-62.0	40.2	3.9	274.4	1.12	79.05
62.0-63.0	38.3	3.7	278.1	1.07	80.12
63.0-64.0	40.3	4.0	282.1	1.14	81.26
64.0-65.0	44.1	4.4	286.4	1.26	82.52
65.0-66.0	45.2	4.5	290.9	1.30	83.82
66.0-67.0	44.4	4.5	295.4	1.29	85.11
67.0-68.0	42.4	4.3	299.7	1.24	86.34
68.0-69.0	38.9	4.0	303.7	1.14	87.49
69.0-70.0	36.1	3.7	307.4	1.07	88.55
70.0-71.0	34.0	3.5	310.9	1.01	89.57
71.0-72.0	31.9	3.3	314.2	0.96	90.52

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

Gamma Plane (°):0.0-180.0:1.0
 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 [%]
72.0-73.0	30.8	3.2	317.4	0.93	91.45
73.0-74.0	28.9	3.0	320.5	0.88	92.33
74.0-75.0	25.9	2.7	323.2	0.79	93.12
75.0-76.0	23.8	2.5	325.7	0.73	93.85
76.0-77.0	22.8	2.4	328.2	0.70	94.55
77.0-78.0	20.8	2.2	330.4	0.64	95.19
78.0-79.0	18.2	2.0	332.4	0.56	95.75
79.0-80.0	15.6	1.7	334.0	0.49	96.24
80.0-81.0	13.6	1.5	335.5	0.42	96.66
81.0-82.0	11.4	1.2	336.7	0.35	97.01
82.0-83.0	9.7	1.1	337.8	0.30	97.32
83.0-84.0	8.7	0.9	338.7	0.27	97.59
84.0-85.0	7.5	0.8	339.5	0.23	97.82
85.0-86.0	5.7	0.6	340.2	0.18	98.00
86.0-87.0	4.3	0.5	340.6	0.14	98.14
87.0-88.0	4.1	0.5	341.1	0.13	98.27
88.0-89.0	3.4	0.4	341.5	0.11	98.38
89.0-90.0	2.7	0.3	341.8	0.08	98.46
90.0-91.0	2.1	0.2	342.0	0.07	98.53
91.0-92.0	1.5	0.2	342.2	0.05	98.57
92.0-93.0	1.5	0.2	342.3	0.05	98.62
93.0-94.0	1.8	0.2	342.5	0.06	98.68
94.0-95.0	1.6	0.2	342.7	0.05	98.73
95.0-96.0	0.8	0.1	342.8	0.02	98.75
96.0-97.0	0.5	0.1	342.8	0.01	98.77
97.0-98.0	0.9	0.1	342.9	0.03	98.79
98.0-99.0	0.8	0.1	343.0	0.03	98.82
99.0-100.0	1.0	0.1	343.1	0.03	98.85
100.0-101.0	1.4	0.2	343.3	0.04	98.89
101.0-102.0	1.3	0.1	343.4	0.04	98.93
102.0-103.0	0.9	0.1	343.5	0.03	98.96
103.0-104.0	0.9	0.1	343.6	0.03	98.99
104.0-105.0	0.9	0.1	343.7	0.03	99.01
105.0-106.0	0.8	0.1	343.8	0.02	99.04
106.0-107.0	0.4	0.0	343.8	0.01	99.05
107.0-108.0	0.3	0.0	343.8	0.01	99.06

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

Gamma Plane (°):0.0-180.0:1.0
 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 [%]
108.0-109.0	0.6	0.1	343.9	0.02	99.08
109.0-110.0	0.5	0.1	344.0	0.02	99.09
110.0-111.0	0.6	0.1	344.0	0.02	99.11
111.0-112.0	0.8	0.1	344.1	0.02	99.14
112.0-113.0	0.8	0.1	344.2	0.02	99.16
113.0-114.0	0.8	0.1	344.3	0.02	99.18
114.0-115.0	0.6	0.1	344.3	0.02	99.20
115.0-116.0	0.5	0.1	344.4	0.02	99.22
116.0-117.0	0.6	0.1	344.4	0.02	99.23
117.0-118.0	0.7	0.1	344.5	0.02	99.25
118.0-119.0	0.7	0.1	344.6	0.02	99.27
119.0-120.0	0.8	0.1	344.6	0.02	99.29
120.0-121.0	0.6	0.1	344.7	0.02	99.31
121.0-122.0	0.7	0.1	344.8	0.02	99.33
122.0-123.0	1.2	0.1	344.9	0.03	99.36
123.0-124.0	1.0	0.1	345.0	0.03	99.39
124.0-125.0	0.6	0.1	345.0	0.02	99.40
125.0-126.0	0.7	0.1	345.1	0.02	99.42
126.0-127.0	0.8	0.1	345.2	0.02	99.44
127.0-128.0	0.7	0.1	345.2	0.02	99.46
128.0-129.0	0.3	0.0	345.2	0.01	99.47
129.0-130.0	0.3	0.0	345.3	0.01	99.47
130.0-131.0	0.6	0.0	345.3	0.01	99.49
131.0-132.0	0.9	0.1	345.4	0.02	99.51
132.0-133.0	1.4	0.1	345.5	0.03	99.54
133.0-134.0	1.2	0.1	345.6	0.03	99.57
134.0-135.0	0.6	0.1	345.7	0.01	99.58
135.0-136.0	0.6	0.0	345.7	0.01	99.60
136.0-137.0	0.9	0.1	345.8	0.02	99.61
137.0-138.0	0.7	0.1	345.8	0.02	99.63
138.0-139.0	0.4	0.0	345.8	0.01	99.64
139.0-140.0	0.5	0.0	345.9	0.01	99.65
140.0-141.0	0.7	0.0	345.9	0.01	99.66
141.0-142.0	0.7	0.0	346.0	0.01	99.68
142.0-143.0	1.0	0.1	346.0	0.02	99.70
143.0-144.0	1.0	0.1	346.1	0.02	99.71

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

Gamma Plane (°):0.0-180.0:1.0
 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 [%]
144.0-145.0	0.5	0.0	346.1	0.01	99.72
145.0-146.0	0.7	0.0	346.2	0.01	99.73
146.0-147.0	1.0	0.1	346.2	0.02	99.75
147.0-148.0	0.9	0.1	346.3	0.02	99.77
148.0-149.0	0.9	0.1	346.3	0.01	99.78
149.0-150.0	0.7	0.0	346.4	0.01	99.79
150.0-151.0	0.6	0.0	346.4	0.01	99.80
151.0-152.0	0.6	0.0	346.4	0.01	99.81
152.0-153.0	0.7	0.0	346.5	0.01	99.82
153.0-154.0	0.7	0.0	346.5	0.01	99.83
154.0-155.0	0.8	0.0	346.6	0.01	99.84
155.0-156.0	0.9	0.0	346.6	0.01	99.85
156.0-157.0	0.6	0.0	346.6	0.01	99.86
157.0-158.0	0.5	0.0	346.6	0.01	99.87
158.0-159.0	0.9	0.0	346.7	0.01	99.88
159.0-160.0	1.3	0.1	346.7	0.01	99.89
160.0-161.0	0.9	0.0	346.8	0.01	99.90
161.0-162.0	0.3	0.0	346.8	0.00	99.91
162.0-163.0	0.7	0.0	346.8	0.01	99.91
163.0-164.0	1.1	0.0	346.8	0.01	99.92
164.0-165.0	0.8	0.0	346.9	0.01	99.93
165.0-166.0	0.9	0.0	346.9	0.01	99.94
166.0-167.0	1.1	0.0	346.9	0.01	99.94
167.0-168.0	1.3	0.0	346.9	0.01	99.95
168.0-169.0	1.5	0.0	347.0	0.01	99.96
169.0-170.0	1.1	0.0	347.0	0.01	99.97
170.0-171.0	0.7	0.0	347.0	0.00	99.97
171.0-172.0	1.3	0.0	347.0	0.01	99.98
172.0-173.0	1.5	0.0	347.0	0.01	99.98
173.0-174.0	1.1	0.0	347.1	0.00	99.99
174.0-175.0	1.5	0.0	347.1	0.00	99.99
175.0-176.0	1.3	0.0	347.1	0.00	100.00
176.0-177.0	0.8	0.0	347.1	0.00	100.00
177.0-178.0	0.9	0.0	347.1	0.00	100.00
178.0-179.0	1.4	0.0	347.1	0.00	100.00
179.0-180.0	1.8	0.0	347.1	0.00	100.00

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

Gamma Plane (°):0.0-180.0:1.0
 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	116.7	116.8	114.8	114.1	116.7	116.8	114.8	114.1	116.7	
G1.0	116.4	115.9	113.9	114.4	117.3	117.1	117.0	114.2	116.4	
G2.0	116.4	116.4	115.3	118.2	117.9	117.9	114.7	113.0	116.4	
G3.0	116.5	115.4	115.8	118.0	116.7	116.5	117.5	113.2	116.5	
G4.0	115.8	114.8	114.0	117.8	116.6	120.3	115.7	116.3	115.8	
G5.0	115.4	112.9	111.3	117.6	116.3	117.6	115.7	117.3	115.4	
G6.0	114.8	112.5	110.9	116.5	117.0	115.3	117.0	113.9	114.8	
G7.0	115.3	113.3	110.0	116.3	117.9	117.8	117.0	115.4	115.3	
G8.0	115.1	112.7	110.0	112.3	117.4	117.3	115.3	113.2	115.1	
G9.0	113.1	111.9	110.2	112.6	116.9	117.8	115.0	117.0	113.1	
G10.0	114.6	110.8	113.0	114.5	116.1	112.8	115.5	113.5	114.6	
G11.0	112.9	109.5	111.9	113.9	114.6	112.5	116.1	115.6	112.9	
G12.0	112.3	107.6	109.9	112.3	113.1	117.3	112.9	113.9	112.3	
G13.0	111.1	110.5	109.8	114.6	112.1	116.4	113.1	114.3	111.1	
G14.0	111.8	106.6	108.2	109.7	111.8	112.1	111.6	112.2	111.8	
G15.0	110.9	106.6	108.5	109.1	112.0	116.3	111.7	113.6	110.9	
G16.0	108.4	106.4	108.8	112.9	111.6	112.0	115.4	112.3	108.4	
G17.0	107.8	106.3	108.3	112.6	110.5	111.2	114.7	111.0	107.8	
G18.0	109.0	109.7	109.1	107.4	110.3	110.4	112.8	111.2	109.0	
G19.0	106.9	103.9	107.7	110.8	110.4	114.0	110.9	110.9	106.9	
G20.0	105.8	103.4	104.4	108.9	110.4	109.9	112.4	109.0	105.8	
G21.0	105.1	102.8	103.2	104.1	110.2	113.1	112.9	108.3	105.1	
G22.0	106.3	102.5	102.3	105.0	109.7	109.7	112.2	108.4	106.3	
G23.0	103.2	101.6	102.5	100.4	108.7	111.5	111.7	107.2	103.2	
G24.0	102.4	100.0	101.1	103.0	106.9	108.2	107.6	107.9	102.4	
G25.0	104.3	100.5	100.4	102.3	106.1	107.9	106.8	107.1	104.3	
G26.0	103.8	102.2	100.3	100.6	105.2	108.5	107.6	105.4	103.8	
G27.0	103.2	101.0	98.6	98.5	104.2	108.1	106.8	102.9	103.2	
G28.0	99.9	99.2	97.2	100.1	102.4	105.1	105.2	104.4	99.9	
G29.0	98.0	99.4	96.0	98.8	101.8	105.3	103.6	104.8	98.0	
G30.0	96.2	99.5	94.3	97.4	102.1	103.1	102.7	102.9	96.2	
G31.0	98.0	98.0	94.4	93.1	101.7	101.1	103.4	102.9	98.0	
G32.0	93.6	96.0	94.6	97.3	100.2	101.0	100.3	98.4	93.6	
G33.0	94.9	94.1	93.5	95.7	99.1	102.2	99.5	100.3	94.9	
G34.0	90.0	93.6	91.0	90.6	98.2	99.8	99.1	94.6	90.0	
G35.0	93.0	90.8	89.3	86.9	96.9	98.6	97.9	96.6	93.0	
G36.0	91.3	88.7	87.4	86.7	94.6	97.6	96.4	95.1	91.3	

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

Gamma Plane (°):0.0-180.0:1.0
 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	
G37.0	85.9	84.8	88.3	86.9	93.9	95.8	94.7	90.3	85.9	
G38.0	88.7	82.9	86.0	90.0	92.6	93.9	93.6	90.9	88.7	
G39.0	87.3	84.4	82.4	89.4	91.5	96.6	91.6	93.3	87.3	
G40.0	86.1	80.3	81.8	86.4	89.8	95.3	90.6	90.6	86.1	
G41.0	80.7	82.4	80.7	86.9	88.4	89.6	90.9	87.8	80.7	
G42.0	79.8	79.4	82.6	86.1	87.0	88.8	89.6	86.4	79.8	
G43.0	82.7	80.3	76.7	83.3	86.8	91.4	86.8	87.9	82.7	
G44.0	77.6	78.6	77.4	80.7	85.1	89.6	87.4	82.8	77.6	
G45.0	81.3	72.9	73.2	78.1	83.1	88.1	86.3	80.8	81.3	
G46.0	75.5	72.3	74.9	73.2	82.9	87.4	84.1	84.3	75.5	
G47.0	72.8	74.3	76.2	75.4	81.6	86.5	82.9	82.5	72.8	
G48.0	75.2	78.7	75.7	70.8	80.5	84.3	81.5	78.1	75.2	
G49.0	73.3	77.2	73.5	72.9	77.4	84.1	81.1	77.6	73.3	
G50.0	74.2	69.7	67.1	70.8	75.2	79.3	80.0	78.0	74.2	
G51.0	78.1	67.5	63.3	67.2	76.1	78.1	78.0	76.1	78.1	
G52.0	75.2	58.3	55.6	63.5	72.4	78.7	76.2	74.0	75.2	
G53.0	65.2	48.1	46.1	55.0	76.6	76.5	73.4	72.1	65.2	
G54.0	59.4	36.7	39.6	47.8	77.4	71.7	72.1	70.7	59.4	
G55.0	48.6	44.3	48.1	39.7	70.9	72.4	70.7	72.9	48.6	
G56.0	39.3	49.4	49.3	43.8	62.2	75.3	72.7	74.3	39.3	
G57.0	30.7	51.1	48.7	48.8	62.1	73.1	74.5	72.7	30.7	
G58.0	41.0	46.7	45.7	47.8	50.2	71.0	71.3	66.9	41.0	
G59.0	49.1	43.5	38.3	47.7	40.4	65.9	67.7	58.3	49.1	
G60.0	43.5	34.5	35.4	45.8	42.2	57.7	59.9	45.9	43.5	
G61.0	45.2	34.9	41.0	41.6	38.9	48.0	52.3	32.6	45.2	
G62.0	39.8	37.3	47.9	42.3	42.8	33.8	37.8	27.4	39.8	
G63.0	33.5	40.3	44.0	45.2	43.3	31.2	30.5	35.2	33.5	
G64.0	38.8	41.0	45.6	47.1	42.2	43.0	39.3	44.6	38.8	
G65.0	42.4	40.6	42.3	45.5	42.6	50.9	47.9	51.0	42.4	
G66.0	42.1	38.9	40.7	42.8	39.5	54.5	51.5	50.8	42.1	
G67.0	42.4	37.3	39.6	40.4	43.2	52.2	47.7	47.1	42.4	
G68.0	40.5	36.9	37.2	37.8	46.3	46.1	43.8	40.1	40.5	
G69.0	38.7	33.5	30.8	35.8	44.2	39.7	27.5	42.6	38.7	
G70.0	37.2	30.9	22.4	37.9	47.0	41.4	23.8	44.4	37.2	
G71.0	34.6	27.5	13.2	32.3	40.2	42.6	26.2	42.4	34.6	
G72.0	31.6	26.1	10.5	30.2	41.4	44.0	23.3	45.3	31.6	
G73.0	28.0	25.1	11.2	32.6	36.0	44.9	20.1	42.9	28.0	

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

Gamma Plane (°):0.0-180.0:1.0
 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	
G74.0	27.2	22.6	10.0	28.6	34.1	43.4	15.4	40.5	27.2	
G75.0	25.2	22.0	6.4	22.9	32.2	37.0	10.8	36.9	25.2	
G76.0	21.6	20.7	8.0	26.8	34.2	35.4	7.9	32.7	21.6	
G77.0	20.1	18.5	8.3	24.7	32.8	36.7	5.5	30.5	20.1	
G78.0	17.6	15.0	7.3	20.7	30.8	30.7	3.5	30.0	17.6	
G79.0	17.5	11.6	2.9	13.0	27.5	29.4	5.2	28.8	17.5	
G80.0	11.2	10.0	1.6	7.9	22.1	31.3	6.2	24.5	11.2	
G81.0	12.4	10.3	0.5	3.4	23.1	27.0	1.5	24.2	12.4	
G82.0	10.3	7.4	0.0	1.7	17.3	22.7	1.5	18.4	10.3	
G83.0	4.0	6.2	1.0	2.8	15.0	25.2	1.4	20.3	4.0	
G84.0	5.3	2.3	0.0	0.3	10.9	18.8	7.6	17.4	5.3	
G85.0	3.5	6.4	0.0	0.5	6.1	19.3	6.9	13.9	3.5	
G86.0	0.0	0.2	0.0	0.7	6.2	13.9	0.2	13.3	0.0	
G87.0	2.7	2.8	0.0	0.7	3.4	12.4	1.0	11.4	2.7	
G88.0	2.5	2.6	0.0	2.2	1.1	12.5	5.5	5.8	2.5	
G89.0	2.2	2.4	0.0	2.4	1.2	9.6	1.1	3.6	2.2	
G90.0	1.9	2.0	0.1	0.7	1.2	5.5	3.3	5.7	1.9	
G91.0	0.0	0.0	0.1	0.3	1.0	4.1	2.8	5.3	0.0	
G92.0	0.0	1.9	0.3	0.2	1.0	2.4	2.7	1.2	0.0	
G93.0	1.0	1.6	1.1	0.0	1.0	3.8	4.6	1.0	1.0	
G94.0	0.9	0.0	1.0	0.0	0.0	3.7	4.2	4.3	0.9	
G95.0	0.0	1.7	0.8	0.0	0.9	3.3	3.9	0.3	0.0	
G96.0	0.0	0.0	0.0	0.0	0.0	0.9	0.2	0.4	0.0	
G97.0	0.0	0.0	0.0	0.0	1.1	0.1	1.5	3.4	0.0	
G98.0	1.5	0.0	0.6	1.5	0.0	0.0	1.2	3.0	1.5	
G99.0	1.1	0.0	0.4	0.0	0.0	0.0	1.0	2.8	1.1	
G100.0	0.0	1.5	0.8	1.7	1.1	2.5	2.4	0.0	0.0	
G101.0	0.0	0.0	1.0	3.2	1.2	2.6	2.2	2.7	0.0	
G102.0	0.0	1.3	0.2	0.0	1.3	2.6	2.1	0.0	0.0	
G103.0	0.3	0.0	1.1	0.0	1.4	2.7	1.9	0.0	0.3	
G104.0	0.4	2.9	0.0	2.7	0.0	0.0	0.4	0.0	0.4	
G105.0	0.3	0.0	0.0	2.7	0.0	2.7	1.5	0.0	0.3	
G106.0	0.0	1.1	0.0	0.0	0.0	2.7	0.0	1.8	0.0	
G107.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	
G108.0	0.0	0.0	0.0	0.0	0.0	2.5	0.3	1.9	0.0	
G109.0	0.0	2.5	0.0	0.0	0.0	0.0	0.9	1.5	0.0	
G110.0	0.9	0.0	0.0	0.0	0.0	2.4	0.1	0.0	0.9	

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

Gamma Plane (°):0.0-180.0:1.0
 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	
G111.0	1.0	0.0	0.0	0.0	0.0	2.5	1.6	1.3	1.0	
G112.0	1.2	0.0	0.0	0.0	0.0	2.4	1.4	1.2	1.2	
G113.0	2.7	0.0	2.0	0.0	0.0	2.6	0.0	0.0	2.7	
G114.0	0.0	0.0	0.0	0.2	1.0	1.0	1.9	0.9	0.0	
G115.0	0.0	0.9	0.0	0.1	0.0	0.9	2.0	1.1	0.0	
G116.0	0.0	1.0	0.0	1.5	0.0	0.0	0.0	0.9	0.0	
G117.0	1.3	1.0	0.0	0.0	0.0	2.5	0.8	0.7	1.3	
G118.0	1.2	1.1	1.0	0.0	0.6	0.0	0.9	0.0	1.2	
G119.0	1.1	0.0	1.0	0.4	0.6	2.5	0.0	0.0	1.1	
G120.0	0.9	1.0	1.0	0.0	0.5	2.6	0.0	1.0	0.9	
G121.0	0.9	0.0	1.2	0.0	0.0	0.0	1.1	0.2	0.9	
G122.0	0.0	2.6	2.7	0.0	0.2	2.6	0.0	0.2	0.0	
G123.0	0.0	1.0	2.9	0.0	0.0	2.4	2.7	2.0	0.0	
G124.0	0.4	1.1	3.1	0.0	0.0	0.0	0.0	0.0	0.4	
G125.0	0.0	2.6	0.0	0.0	0.0	2.5	0.0	0.0	0.0	
G126.0	0.0	0.0	1.4	0.0	0.0	0.0	2.5	2.0	0.0	
G127.0	0.0	2.7	0.0	1.9	0.0	0.0	2.5	0.0	0.0	
G128.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	2.3	0.0	
G129.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	
G130.0	0.0	0.0	0.0	0.1	0.0	2.5	2.0	0.0	0.0	
G131.0	0.0	0.0	0.0	0.3	0.0	2.3	1.9	0.0	0.0	
G132.0	0.4	2.6	3.0	0.5	0.0	0.0	0.0	2.7	0.4	
G133.0	0.6	2.7	2.9	0.0	0.0	2.3	1.6	2.8	0.6	
G134.0	0.0	0.0	0.0	0.8	0.0	2.2	1.3	2.8	0.0	
G135.0	0.0	0.0	1.3	0.8	0.0	0.0	1.1	0.0	0.0	
G136.0	1.2	1.0	0.0	0.0	0.7	0.0	0.9	2.9	1.2	
G137.0	0.0	1.1	0.0	2.4	0.0	0.0	0.6	2.9	0.0	
G138.0	0.0	0.0	1.1	0.0	0.0	2.2	1.4	0.0	0.0	
G139.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	
G140.0	1.6	0.0	1.0	0.0	0.0	2.1	1.8	0.0	1.6	
G141.0	0.0	0.9	0.0	0.0	1.4	2.1	0.0	0.0	0.0	
G142.0	0.0	0.9	0.0	0.0	1.4	0.0	2.0	2.8	0.0	
G143.0	0.0	0.8	0.0	2.7	1.4	2.0	2.4	0.0	0.0	
G144.0	1.4	0.8	0.6	0.0	0.0	0.4	2.9	0.0	1.4	
G145.0	0.0	0.7	0.0	0.1	0.0	0.4	0.0	0.0	0.0	
G146.0	0.0	2.1	0.3	0.0	1.3	0.4	2.7	2.4	0.0	
G147.0	0.9	2.0	0.0	0.0	0.0	1.8	0.0	2.2	0.9	

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

Gamma Plane (°):0.0-180.0:1.0
 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	
G148.0	0.8	2.0	0.1	1.4	0.0	0.2	3.0	0.4	0.8	
G149.0	0.0	0.6	0.0	1.4	0.9	0.3	3.0	0.1	0.0	
G150.0	0.0	1.0	0.0	0.0	0.0	0.5	3.0	0.0	0.0	
G151.0	0.0	1.5	0.0	0.0	0.0	1.5	0.0	1.9	0.0	
G152.0	0.0	0.0	1.1	0.0	0.3	1.5	0.0	1.0	0.0	
G153.0	0.0	0.0	0.9	1.4	0.0	0.7	3.2	1.4	0.0	
G154.0	0.0	0.0	1.6	1.5	0.0	0.0	0.0	0.8	0.0	
G155.0	0.0	1.2	0.3	3.1	0.0	0.9	2.9	0.5	0.0	
G156.0	0.6	1.6	0.6	0.0	0.0	1.3	0.0	2.2	0.6	
G157.0	0.8	0.7	0.5	0.0	0.0	1.2	0.0	0.0	0.8	
G158.0	0.0	0.0	0.4	0.0	0.1	1.0	0.0	2.5	0.0	
G159.0	1.2	0.6	2.3	3.2	0.2	0.9	0.0	2.6	1.2	
G160.0	1.4	0.8	2.4	1.6	0.0	1.6	0.0	2.7	1.4	
G161.0	0.0	0.0	0.1	0.0	0.0	0.6	0.7	2.8	0.0	
G162.0	0.0	0.0	0.0	0.0	0.7	0.2	0.2	0.0	0.0	
G163.0	0.0	2.9	0.0	1.6	0.9	0.4	0.4	3.1	0.0	
G164.0	0.0	3.0	0.0	0.0	0.0	1.9	0.0	3.1	0.0	
G165.0	1.8	0.0	1.3	0.0	1.1	0.2	0.9	0.0	1.8	
G166.0	1.8	0.0	0.0	3.2	0.0	0.0	1.2	3.2	1.8	
G167.0	0.0	0.0	3.1	0.0	1.1	2.4	1.3	0.0	0.0	
G168.0	0.0	3.3	0.0	3.3	1.3	0.0	1.3	3.2	0.0	
G169.0	1.6	3.3	1.5	0.0	1.4	0.0	1.8	1.7	1.6	
G170.0	0.0	1.8	0.0	0.0	1.4	2.7	0.6	0.0	0.0	
G171.0	1.2	0.0	0.0	1.7	1.5	0.0	0.3	0.0	1.2	
G172.0	0.0	0.0	3.3	3.3	1.5	2.8	2.4	3.0	0.0	
G173.0	0.0	0.0	0.0	3.2	1.5	0.0	2.3	0.0	0.0	
G174.0	0.0	3.0	0.0	1.7	1.4	1.5	0.0	2.9	0.0	
G175.0	2.1	2.9	1.8	0.0	1.5	3.1	0.0	2.8	2.1	
G176.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	2.6	0.0	
G177.0	1.6	0.0	0.0	0.0	0.0	0.0	3.3	2.5	1.6	
G178.0	0.0	0.3	3.1	0.0	0.0	0.0	3.3	0.2	0.0	
G179.0	2.9	0.3	2.5	1.2	0.0	3.1	3.1	2.2	2.9	
G180.0	1.4	3.3	1.5	0.8	0.6	2.6	2.2	0.5	1.4	

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector: