

Report No.:

Test Time: 2018-08-22 18:06

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MR16-3W-3000K-80D

Voltage: 12.1 V

Current: 0.392 A

Power: 3.70 W

Power Factor: 0.776

## Photometric Results

CIE Class: Direct

Measurement Flux: 360 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,25%,50%,75%): H105.6,H88.4,H58.5,H37

Vertical Diffuse Angle(10%,25%,50%,75%): V105.7,V87.6,V58.2,V38.1

Luminaire Efficacy Rating (LER): 97

Total Rated Lamp Lumens: 360.0 lm

Efficiency: 100%

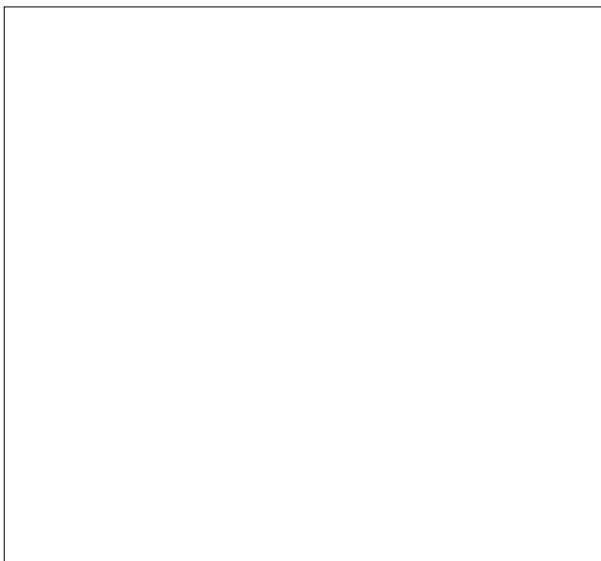
Upward Ratio: 1%

Central Intensity: 329.4 cd

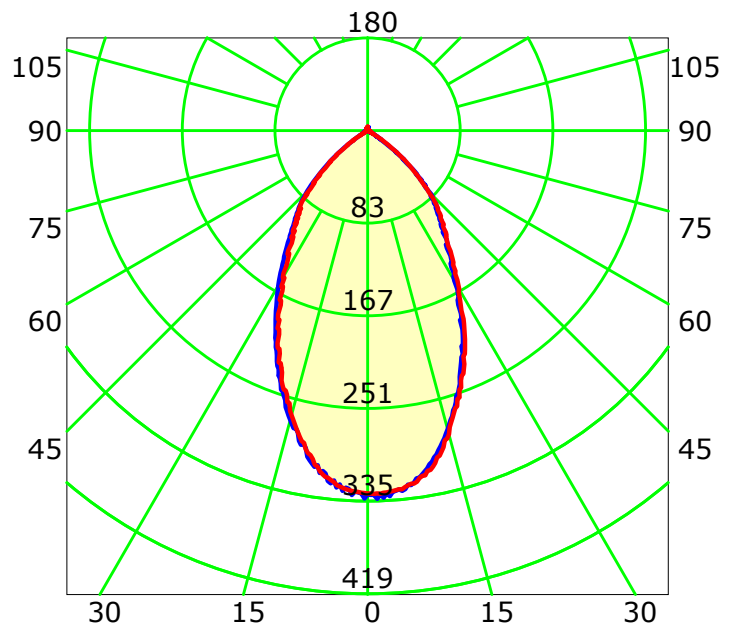
Pos of Max. Intensity: H0 V1.5

Max. Intensity: 333.33 cd

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

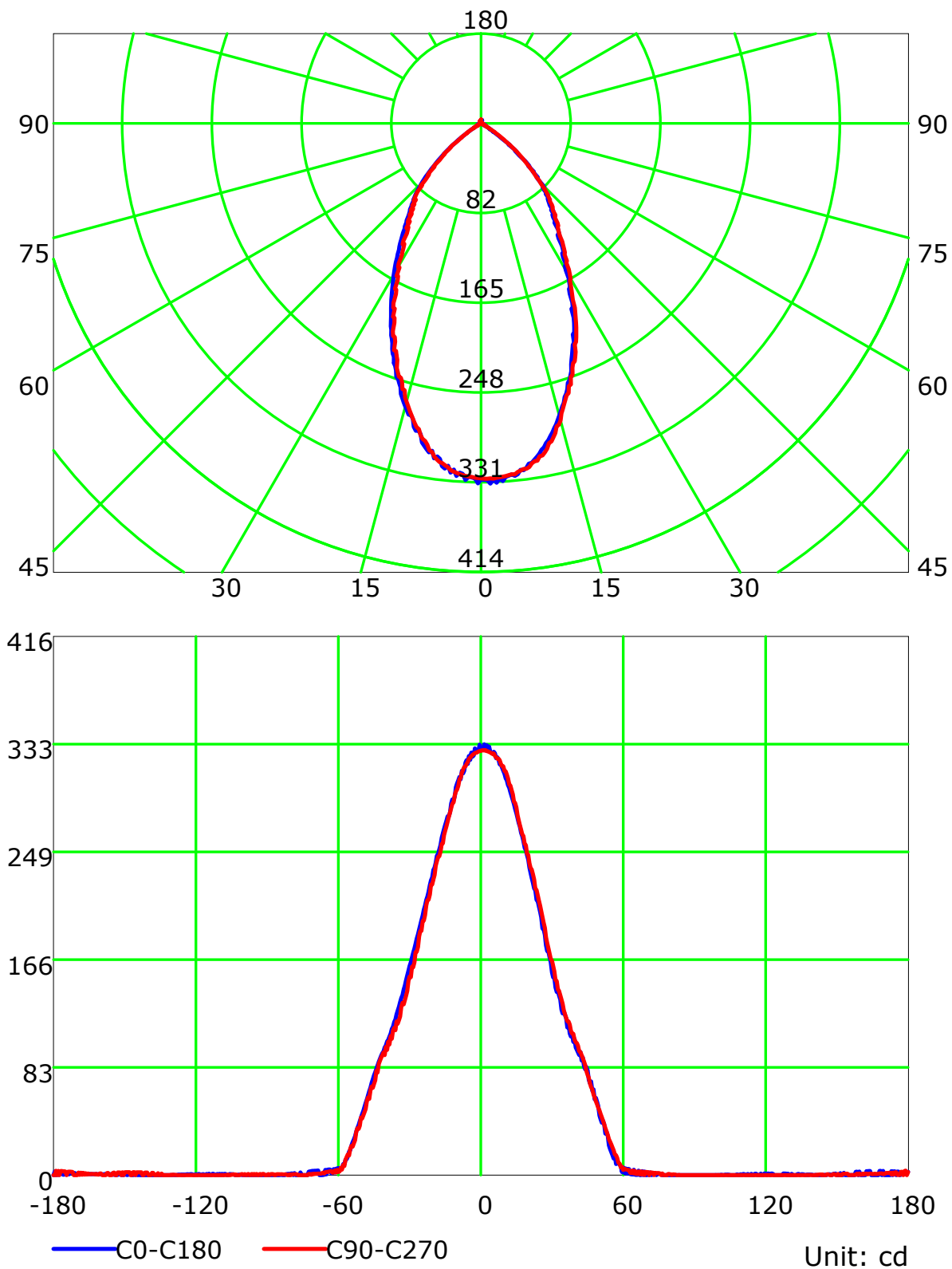
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

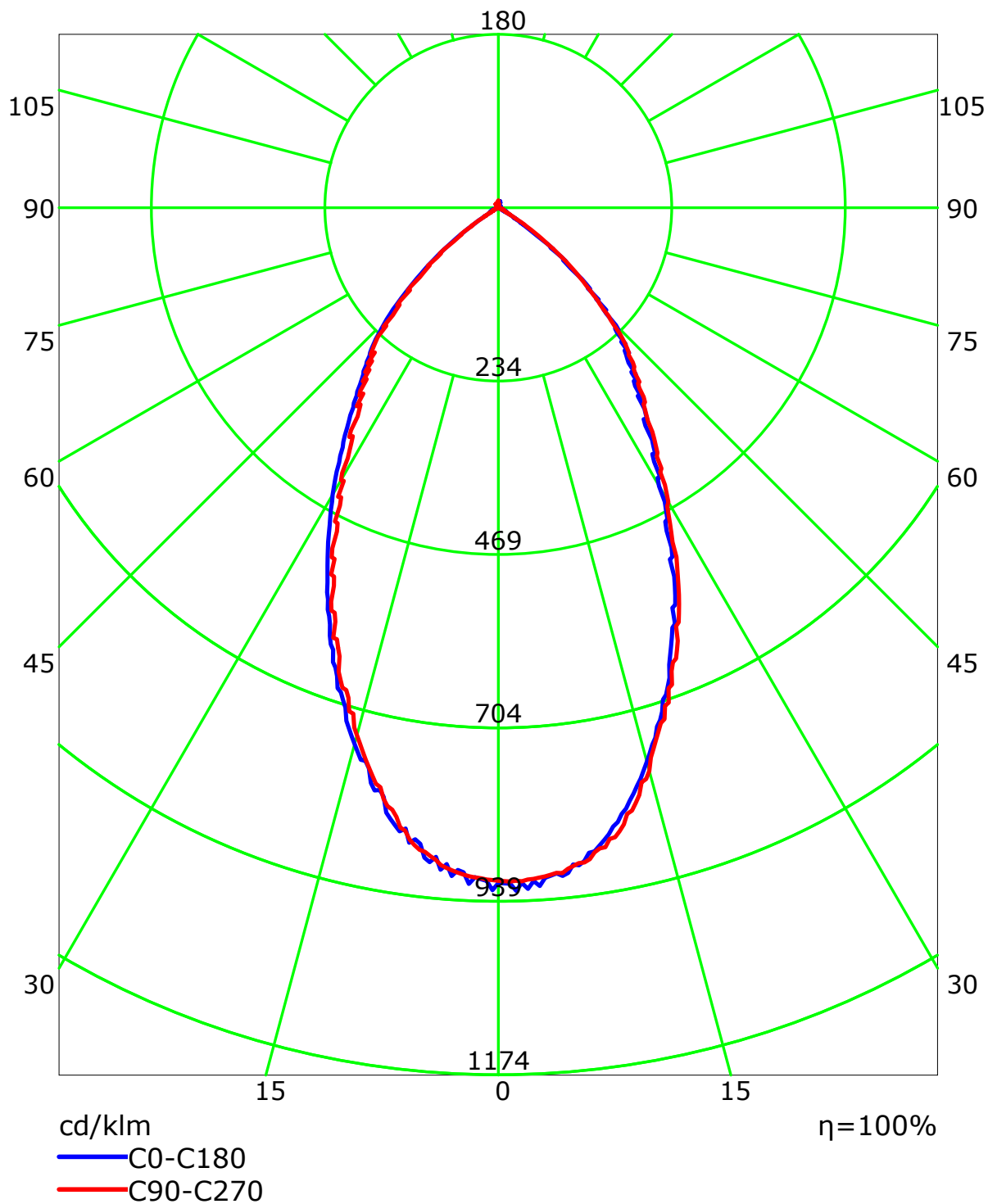
## Luminous Intensity Distribution Curve



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)



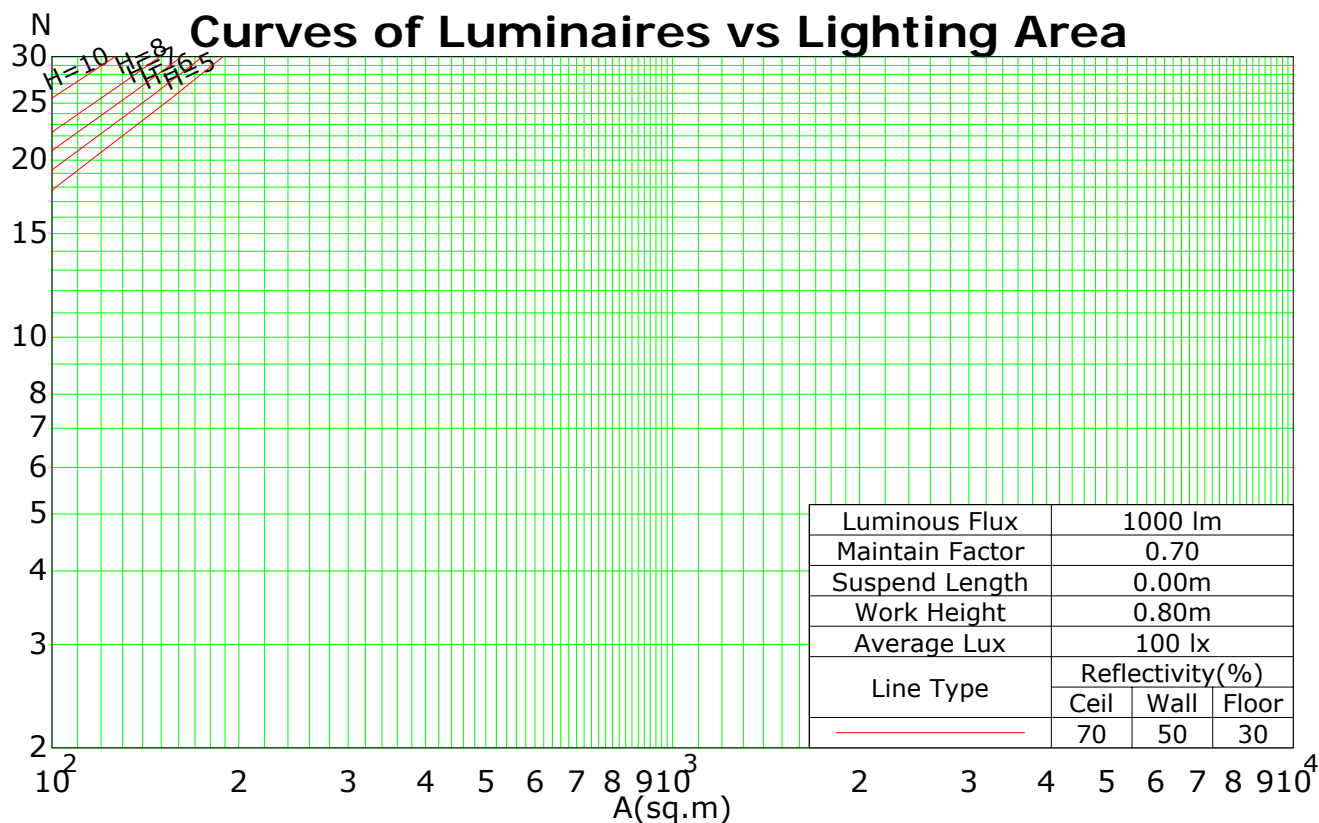
C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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	113	110	107	104	110	107	105	103	103	101	99	99	98	96	96	94	93	91
2	106	101	96	92	104	99	95	91	95	92	89	92	89	87	89	87	85	83
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	83	80	77	76
4	94	85	79	74	92	84	78	74	82	77	73	79	75	72	77	74	71	69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63
6	83	73	66	61	81	72	66	61	70	65	61	69	64	60	67	63	60	58
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	58	55	53
8	74	63	56	52	72	62	56	52	61	56	51	60	55	51	59	54	51	49
9	70	59	52	48	69	58	52	48	57	52	48	56	51	47	56	51	47	46
10	66	55	49	45	65	55	49	45	54	48	44	53	48	44	52	48	44	43

Spacing Criteria (0-180): 0.87  
Spacing Criteria (90-270): 0.86  
Spacing Criteria (Diagonal): 0.91



C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:0.5

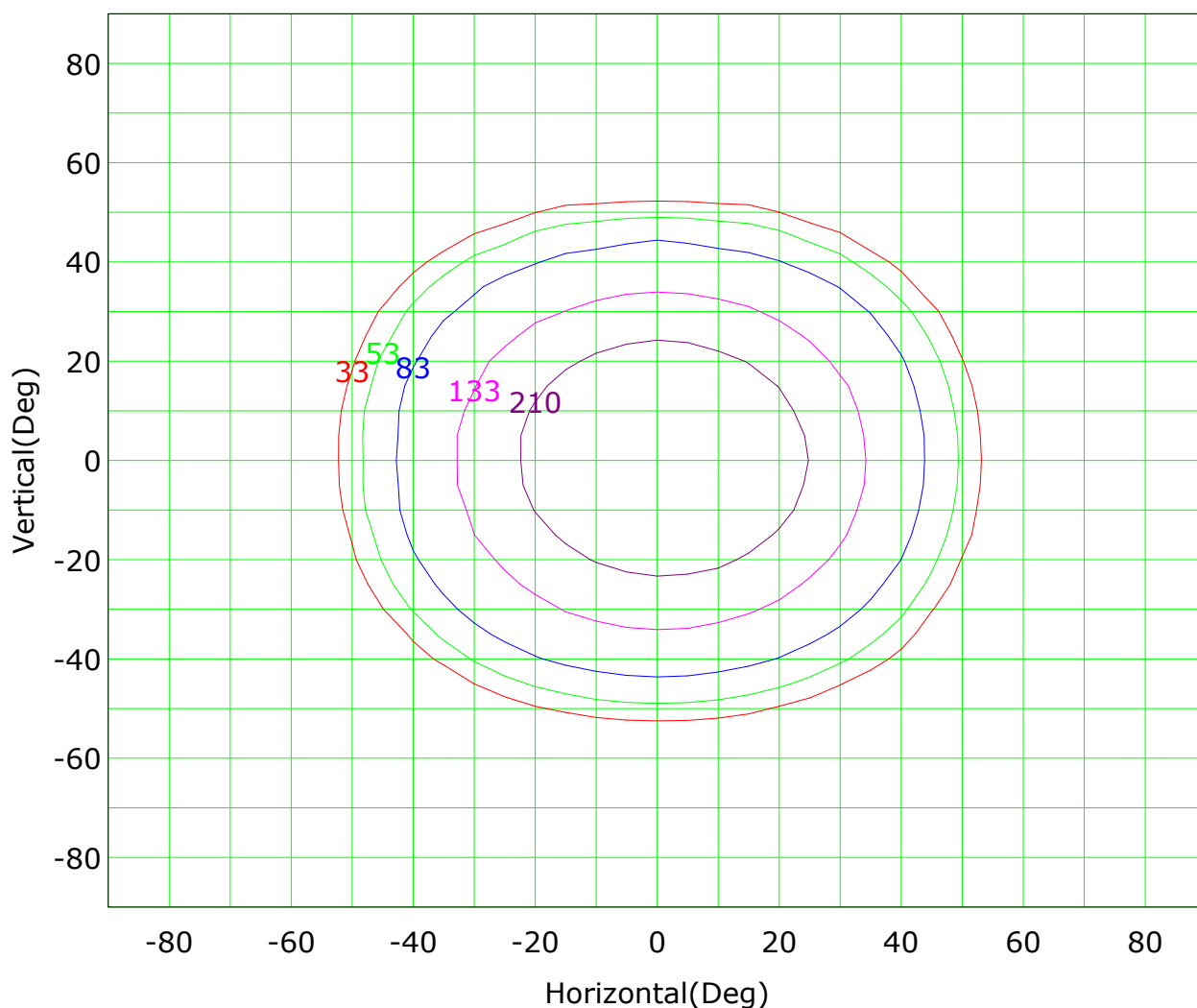
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

## Isocandela (rectangle)



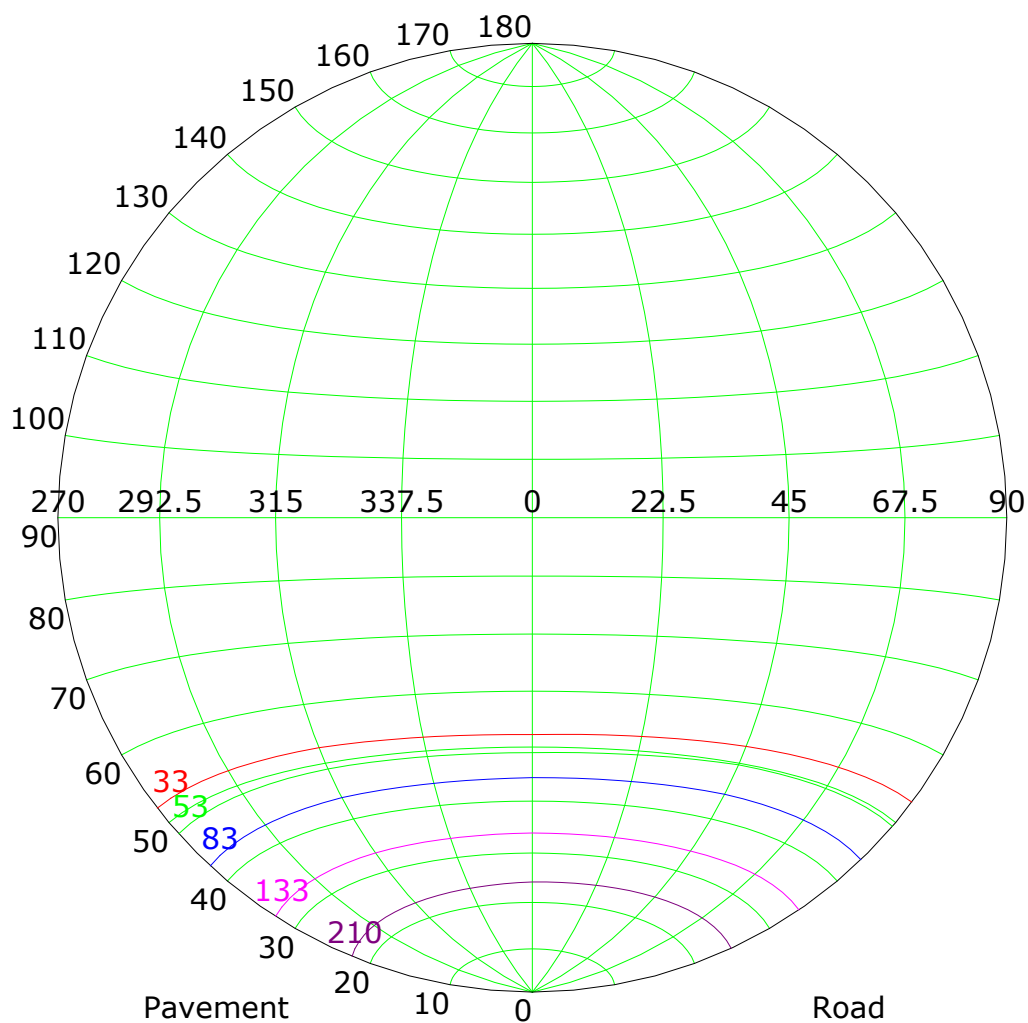
Imax (100%): 333 cd

( 10%):	33 cd	( 16%):	53 cd
( 25%):	83 cd	( 40%):	133 cd
( 63%):	210 cd	(100%):	333 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%): 333 cd

( 10%): 33 cd	( 16%): 53 cd
( 25%): 83 cd	( 40%): 133 cd
( 63%): 210 cd	(100%): 333 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

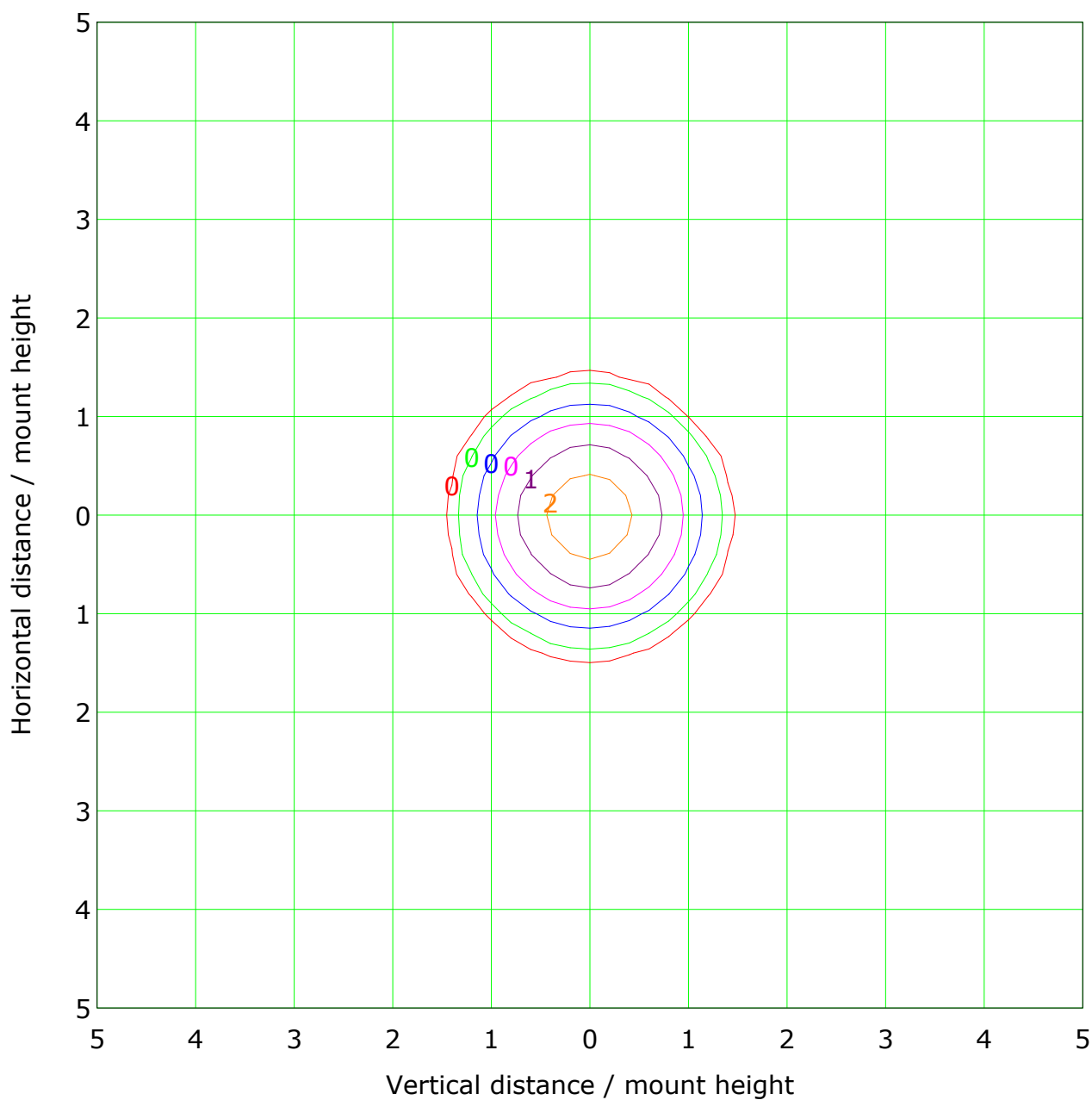
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 3.3 lx

( 1%): 0.0 lx	( 2%): 0.1 lx
( 5%): 0.2 lx	( 10%): 0.3 lx
( 20%): 0.7 lx	( 50%): 1.7 lx
(100%): 3.3 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

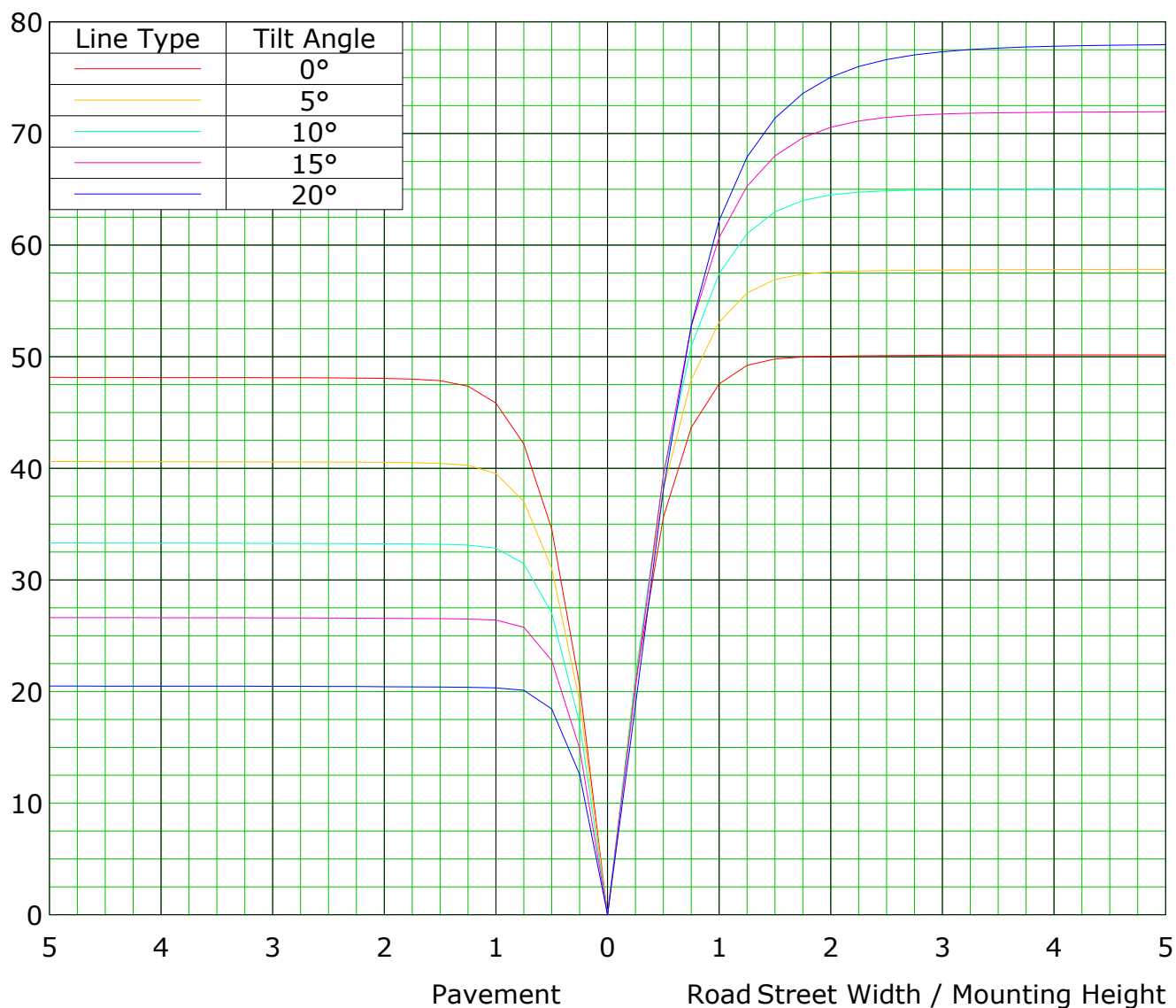
Distance: 8.177 m

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:

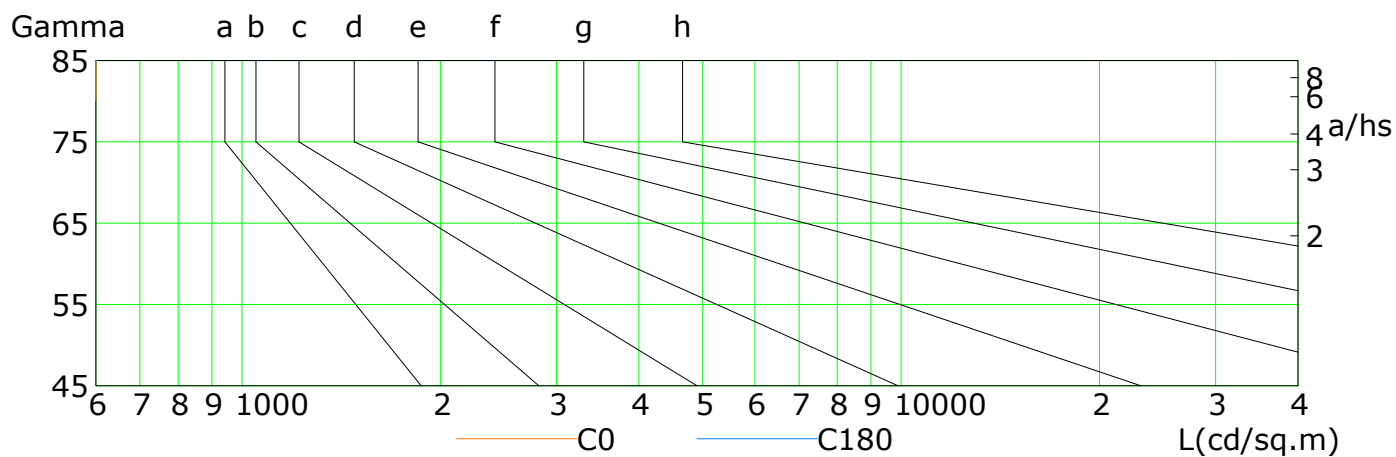
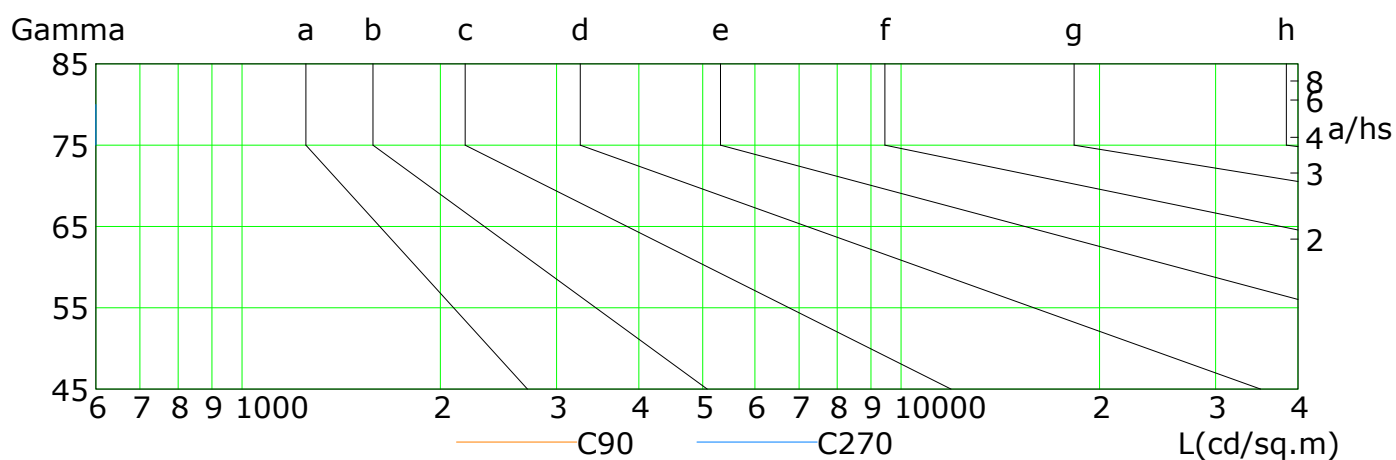
Inspector:



## 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

a b c d e f g h



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	81	46	18	6	0	0	1	0	0
C90	78	50	24	4	3	2	2	1	0
C180	77	47	19	6	1	3	0	1	0
C270	70	44	20	3	3	1	0	0	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

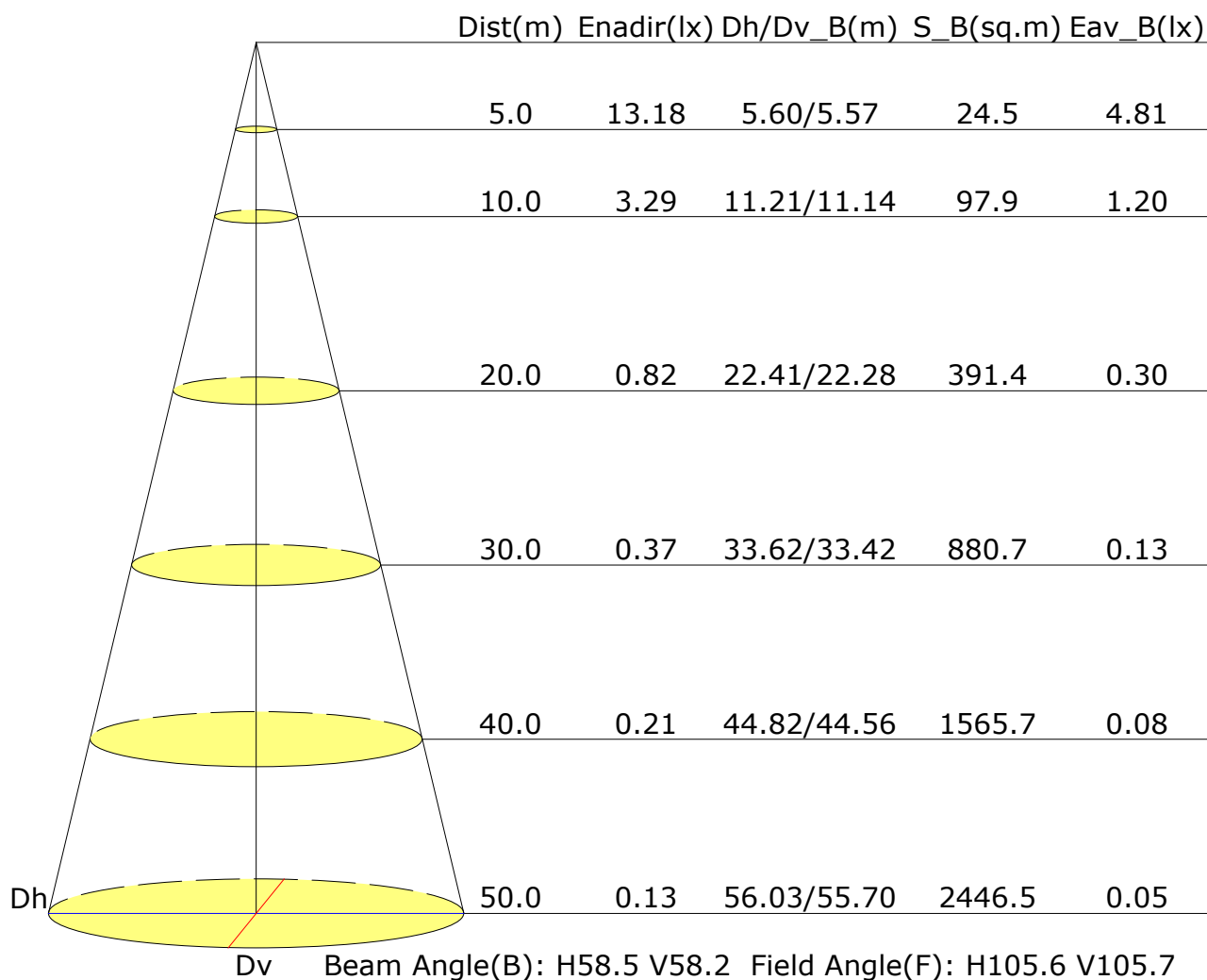
Test Device: GPM-1600

Distance: 8.177 m

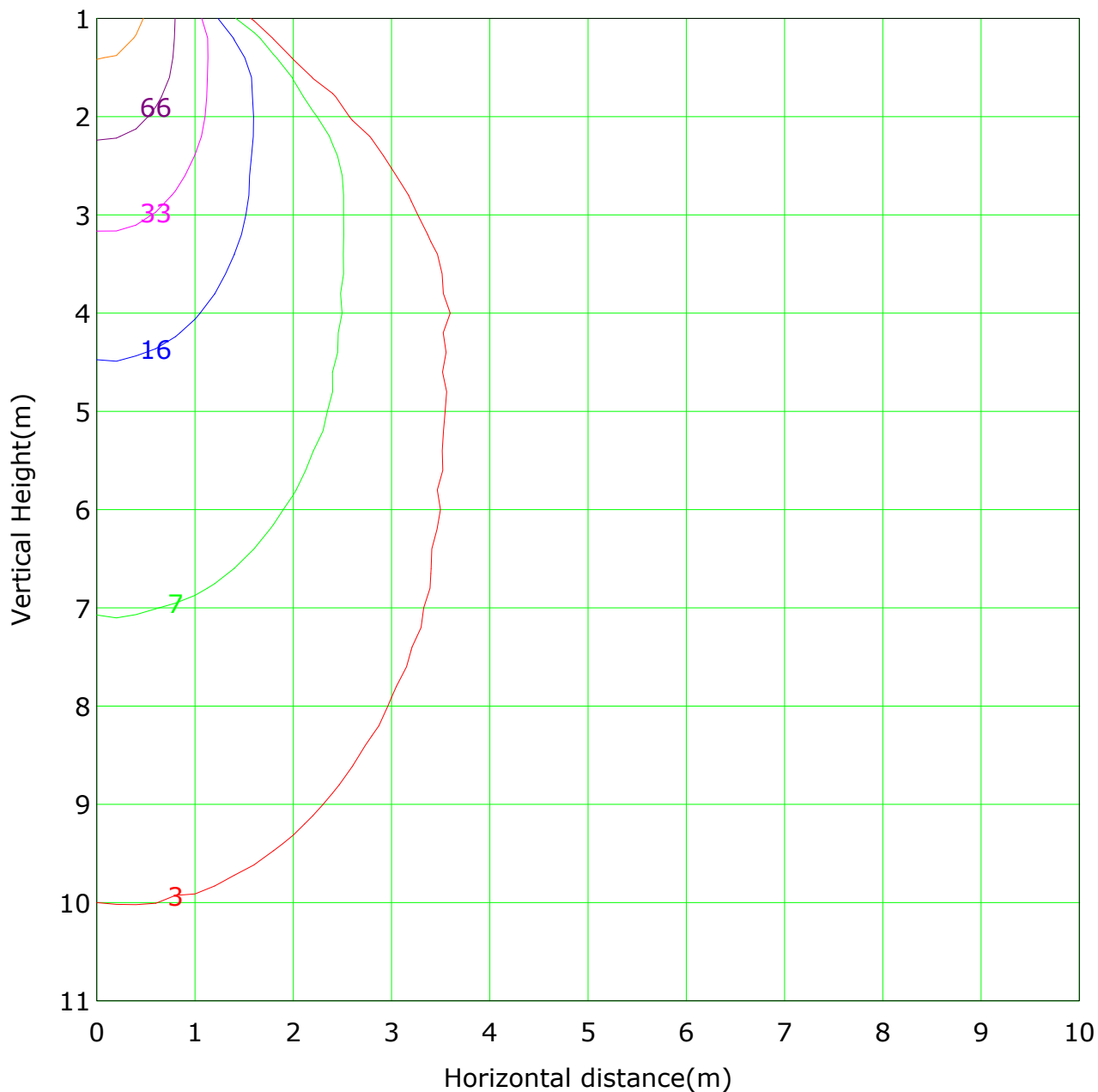
Humidity:

Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 329.4 lx

— ( 1%): 3.3 lx	— ( 2%): 6.6 lx
— ( 5%): 16.5 lx	— ( 10%): 32.9 lx
— ( 20%): 65.9 lx	— ( 50%): 164.7 lx
— (100%): 329.4 lx	

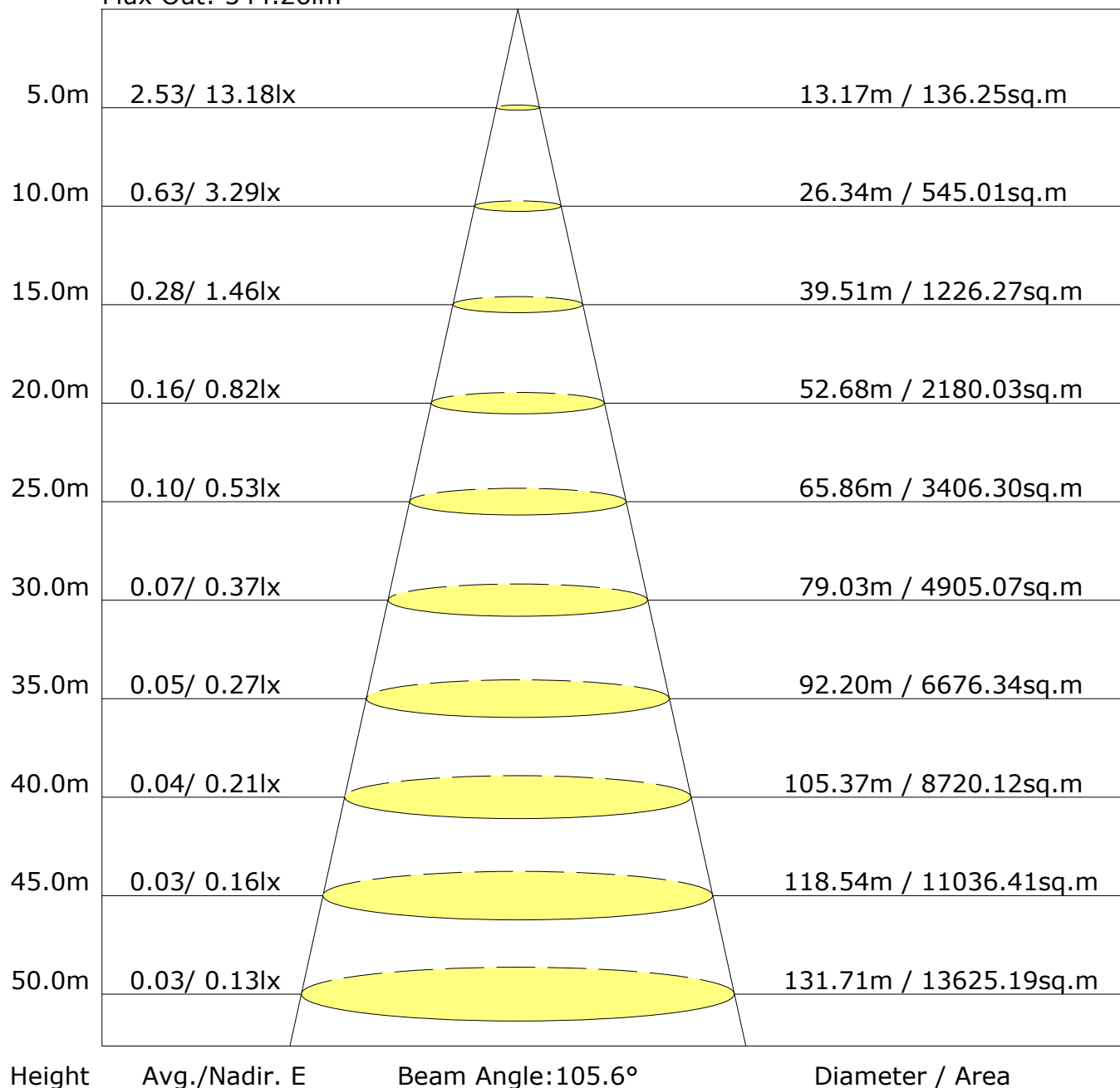
C Plane (°):0.0-360.0: 45.0  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

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: 344.26lm



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

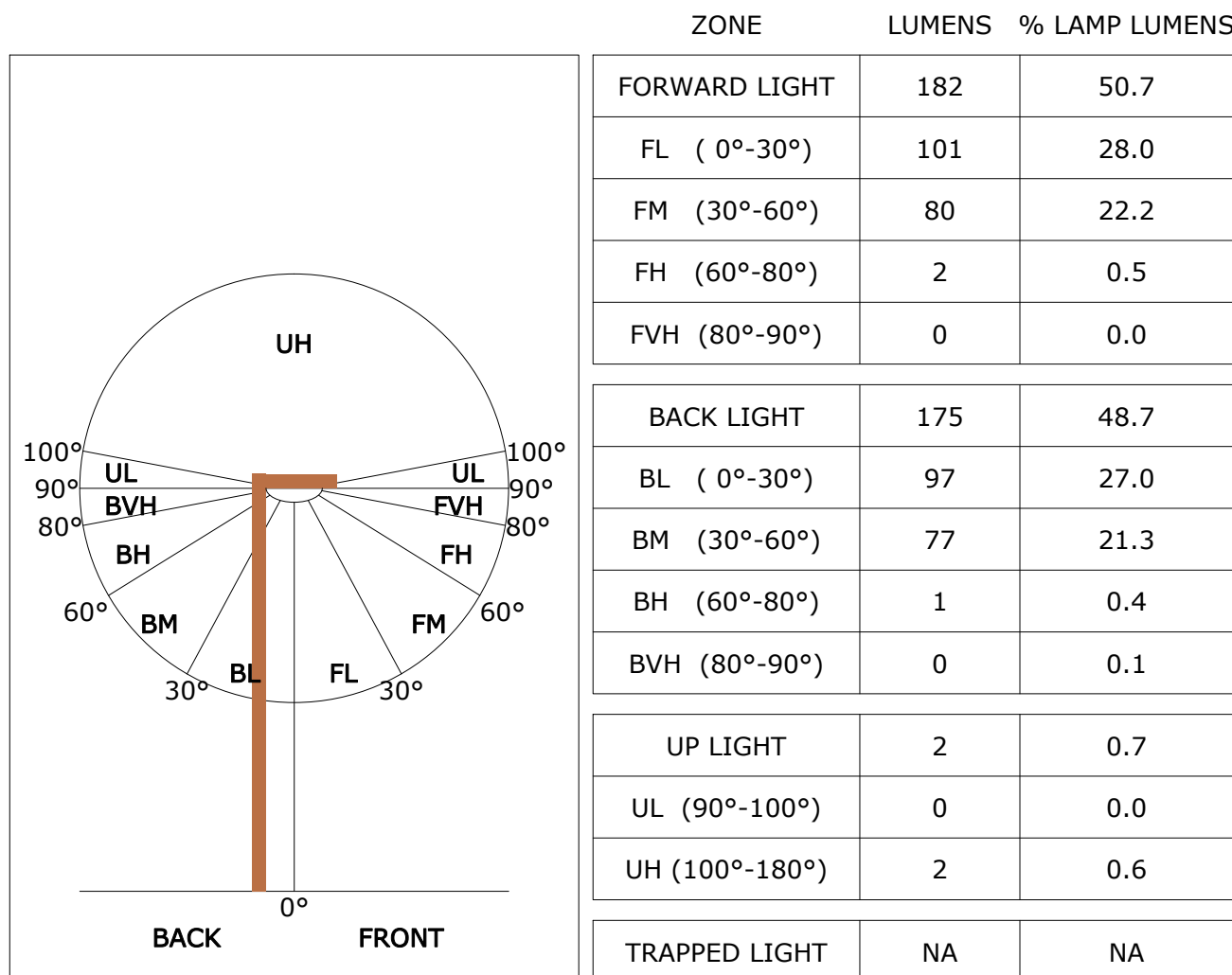
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$	1.\$
3H	1.\$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

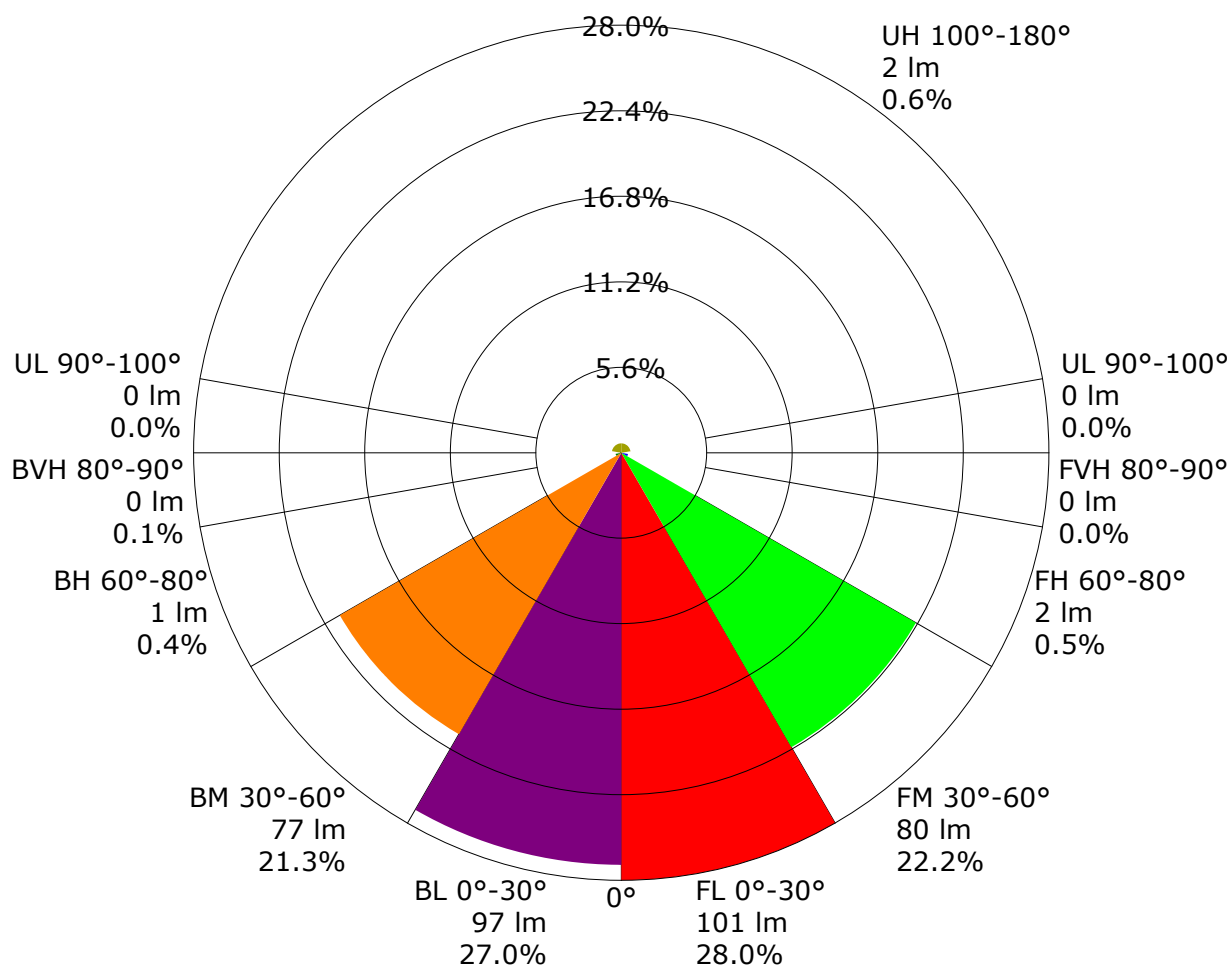


BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U1 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 U1 G0

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

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

## LCS Graph



**Forward Light**

**Back Light**

Scale= MAX LCS%

Trapped Light:NA,NA

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:



## 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	0.74	0.83	0.89	0.93	0.98	1.02	1.04	1.07	1.09	
	0.30		0.68	0.78	0.84	0.88	0.94	0.98	1.01	1.04	1.07	
	0.20		0.64	0.73	0.80	0.84	0.91	0.95	0.98	1.02	1.04	
0.50	0.50	0.20	0.73	0.81	0.87	0.90	0.95	0.98	1.00	1.03	1.05	
	0.30		0.67	0.76	0.82	0.86	0.92	0.95	0.98	1.01	1.03	
	0.20		0.64	0.73	0.79	0.83	0.89	0.93	0.95	0.99	1.01	
0.30	0.50	0.20	0.71	0.79	0.85	0.88	0.92	0.95	0.97	0.99	1.01	
	0.30		0.67	0.75	0.81	0.85	0.90	0.93	0.95	0.98	0.99	
	0.20		0.63	0.72	0.78	0.82	0.87	0.91	0.93	0.96	0.98	
0.00	0.00	0.00	0.61	0.70	0.75	0.79	0.84	0.87	0.89	0.92	0.93	
<p>Rating:4W 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>												

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:

## 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	0.73	0.58	0.48	0.41	0.32	0.26	0.22	0.17	0.14	
	0.30		0.61	0.50	0.42	0.37	0.29	0.24	0.21	0.16	0.13	
	0.20		0.53	0.44	0.37	0.33	0.27	0.22	0.19	0.15	0.13	
0.50	0.50	0.20	0.70	0.55	0.46	0.39	0.30	0.29	0.21	0.16	0.13	
	0.30		0.60	0.48	0.40	0.35	0.28	0.23	0.19	0.15	0.12	
	0.20		0.52	0.42	0.36	0.32	0.25	0.21	0.18	0.14	0.12	
0.30	0.50	0.20	0.68	0.53	0.43	0.37	0.28	0.23	0.19	0.15	0.12	
	0.30		0.58	0.46	0.39	0.33	0.26	0.22	0.18	0.14	0.11	
	0.20		0.51	0.41	0.35	0.31	0.24	0.20	0.17	0.13	0.11	
0.00	0.00	0.00	0.38	0.30	0.24	0.21	0.16	0.13	0.11	0.08	0.07	
<p>Rating:4W 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>												

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:

## Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 0.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.22	
	0.30		0.10	0.11	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	0.14	0.15	0.16	0.17	0.18	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	0.10	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	0.18	0.19	0.19	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	0.13	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	
Rating:4W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

## Zonal Lumen

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-0.5	329.4	0.1	0.1	0.02	0.02
0.5-1.0	328.8	0.2	0.3	0.07	0.09
1.0-1.5	328.2	0.4	0.7	0.11	0.20
1.5-2.0	327.9	0.5	1.3	0.15	0.35
2.0-2.5	328.2	0.7	2.0	0.20	0.55
2.5-3.0	327.4	0.9	2.8	0.24	0.78
3.0-3.5	326.2	1.0	3.8	0.28	1.07
3.5-4.0	326.2	1.2	5.0	0.32	1.39
4.0-4.5	325.4	1.3	6.3	0.37	1.76
4.5-5.0	323.6	1.5	7.8	0.41	2.17
5.0-5.5	322.6	1.6	9.4	0.45	2.62
5.5-6.0	322.4	1.8	11.2	0.49	3.11
6.0-6.5	321.1	1.9	13.1	0.53	3.64
6.5-7.0	318.9	2.1	15.2	0.57	4.21
7.0-7.5	317.0	2.2	17.4	0.61	4.82
7.5-8.0	315.6	2.3	19.7	0.65	5.47
8.0-8.5	313.7	2.5	22.2	0.69	6.15
8.5-9.0	311.4	2.6	24.8	0.72	6.88
9.0-9.5	308.9	2.7	27.5	0.76	7.63
9.5-10.0	306.3	2.8	30.3	0.79	8.42
10.0-10.5	304.1	3.0	33.3	0.82	9.25
10.5-11.0	301.5	3.1	36.4	0.86	10.10
11.0-11.5	298.3	3.2	39.6	0.89	10.99
11.5-12.0	295.1	3.3	42.9	0.92	11.90
12.0-12.5	292.6	3.4	46.3	0.95	12.85
12.5-13.0	289.4	3.5	49.8	0.97	13.82
13.0-13.5	285.7	3.6	53.4	1.00	14.82
13.5-14.0	282.5	3.7	57.0	1.02	15.84
14.0-14.5	279.4	3.8	60.8	1.05	16.89
14.5-15.0	276.1	3.9	64.7	1.07	17.96
15.0-15.5	272.5	3.9	68.6	1.09	19.05
15.5-16.0	268.7	4.0	72.6	1.11	20.16
16.0-16.5	265.3	4.1	76.7	1.13	21.29
16.5-17.0	261.6	4.1	80.8	1.15	22.44
17.0-17.5	257.6	4.2	85.0	1.16	23.61
17.5-18.0	254.5	4.3	89.2	1.18	24.79

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
18.0-18.5	251.2	4.3	93.5	1.20	25.98
18.5-19.0	247.5	4.4	97.9	1.21	27.20
19.0-19.5	243.6	4.4	102.3	1.22	28.42
19.5-20.0	239.8	4.4	106.8	1.23	29.65
20.0-20.5	235.9	4.5	111.2	1.24	30.90
20.5-21.0	232.0	4.5	115.7	1.25	32.15
21.0-21.5	228.5	4.5	120.3	1.26	33.41
21.5-22.0	224.6	4.6	124.8	1.27	34.68
22.0-22.5	221.1	4.6	129.4	1.28	35.95
22.5-23.0	218.0	4.6	134.1	1.28	37.24
23.0-23.5	214.0	4.6	138.7	1.29	38.52
23.5-24.0	209.3	4.6	143.3	1.28	39.81
24.0-24.5	205.4	4.6	147.9	1.29	41.09
24.5-25.0	201.6	4.6	152.6	1.29	42.38
25.0-25.5	197.6	4.6	157.2	1.28	43.66
25.5-26.0	193.4	4.6	161.8	1.28	44.94
26.0-26.5	188.8	4.6	166.4	1.27	46.21
26.5-27.0	184.8	4.6	170.9	1.27	47.48
27.0-27.5	180.7	4.5	175.5	1.26	48.74
27.5-28.0	176.4	4.5	180.0	1.25	49.99
28.0-28.5	172.4	4.5	184.5	1.24	51.23
28.5-29.0	168.7	4.4	188.9	1.24	52.47
29.0-29.5	164.8	4.4	193.3	1.23	53.70
29.5-30.0	160.6	4.4	197.7	1.21	54.91
30.0-30.5	156.9	4.3	202.0	1.20	56.11
30.5-31.0	153.5	4.3	206.3	1.20	57.31
31.0-31.5	149.4	4.2	210.6	1.18	58.49
31.5-32.0	145.6	4.2	214.8	1.17	59.66
32.0-32.5	142.3	4.2	218.9	1.16	60.81
32.5-33.0	139.0	4.1	223.1	1.15	61.96
33.0-33.5	136.4	4.1	227.2	1.14	63.10
33.5-34.0	132.9	4.0	231.2	1.12	64.22
34.0-34.5	128.6	4.0	235.2	1.10	65.33
34.5-35.0	125.8	3.9	239.1	1.09	66.42
35.0-35.5	123.6	3.9	243.0	1.09	67.50
35.5-36.0	120.2	3.8	246.9	1.07	68.57

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-36.5	117.0	3.8	250.7	1.05	69.63
36.5-37.0	115.2	3.8	254.4	1.05	70.68
37.0-37.5	112.7	3.7	258.2	1.04	71.72
37.5-38.0	110.3	3.7	261.9	1.03	72.74
38.0-38.5	108.7	3.7	265.6	1.02	73.77
38.5-39.0	106.6	3.7	269.2	1.02	74.79
39.0-39.5	104.3	3.6	272.9	1.01	75.79
39.5-40.0	101.8	3.6	276.4	0.99	76.78
40.0-40.5	99.3	3.5	279.9	0.98	77.76
40.5-41.0	97.4	3.5	283.4	0.97	78.73
41.0-41.5	95.5	3.5	286.9	0.96	79.69
41.5-42.0	93.6	3.4	290.3	0.95	80.64
42.0-42.5	91.6	3.4	293.7	0.94	81.57
42.5-43.0	89.2	3.3	297.0	0.92	82.50
43.0-43.5	86.5	3.3	300.2	0.90	83.40
43.5-44.0	83.5	3.2	303.4	0.88	84.28
44.0-44.5	80.9	3.1	306.5	0.86	85.14
44.5-45.0	78.2	3.0	309.5	0.84	85.98
45.0-45.5	75.2	2.9	312.5	0.81	86.79
45.5-46.0	72.0	2.8	315.3	0.79	87.58
46.0-46.5	69.8	2.8	318.0	0.77	88.34
46.5-47.0	66.8	2.7	320.7	0.74	89.08
47.0-47.5	64.0	2.6	323.3	0.72	89.80
47.5-48.0	61.4	2.5	325.8	0.69	90.49
48.0-48.5	58.4	2.4	328.2	0.66	91.16
48.5-49.0	55.4	2.3	330.5	0.63	91.79
49.0-49.5	52.1	2.2	332.6	0.60	92.39
49.5-50.0	49.1	2.1	334.7	0.57	92.96
50.0-50.5	46.4	2.0	336.6	0.54	93.51
50.5-51.0	43.5	1.8	338.5	0.51	94.02
51.0-51.5	40.8	1.7	340.2	0.48	94.50
51.5-52.0	38.2	1.6	341.9	0.46	94.96
52.0-52.5	35.5	1.5	343.4	0.43	95.39
52.5-53.0	32.6	1.4	344.8	0.40	95.78
53.0-53.5	29.7	1.3	346.1	0.36	96.14
53.5-54.0	27.2	1.2	347.3	0.33	96.48

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
54.0-54.5	23.9	1.1	348.4	0.30	96.77
54.5-55.0	21.1	0.9	349.3	0.26	97.04
55.0-55.5	18.7	0.8	350.2	0.23	97.27
55.5-56.0	16.4	0.7	350.9	0.21	97.48
56.0-56.5	15.0	0.7	351.6	0.19	97.67
56.5-57.0	13.3	0.6	352.2	0.17	97.84
57.0-57.5	10.6	0.5	352.7	0.14	97.97
57.5-58.0	9.3	0.4	353.1	0.12	98.09
58.0-58.5	8.2	0.4	353.5	0.11	98.20
58.5-59.0	6.4	0.3	353.8	0.08	98.28
59.0-59.5	5.2	0.2	354.1	0.07	98.35
59.5-60.0	4.5	0.2	354.3	0.06	98.41
60.0-60.5	4.3	0.2	354.5	0.06	98.47
60.5-61.0	3.7	0.2	354.7	0.05	98.52
61.0-61.5	3.4	0.2	354.8	0.04	98.56
61.5-62.0	3.7	0.2	355.0	0.05	98.61
62.0-62.5	3.6	0.2	355.2	0.05	98.66
62.5-63.0	2.3	0.1	355.3	0.03	98.69
63.0-63.5	2.3	0.1	355.4	0.03	98.72
63.5-64.0	3.0	0.1	355.6	0.04	98.76
64.0-64.5	2.9	0.1	355.7	0.04	98.80
64.5-65.0	2.3	0.1	355.8	0.03	98.84
65.0-65.5	1.9	0.1	355.9	0.03	98.86
65.5-66.0	1.4	0.1	356.0	0.02	98.88
66.0-66.5	1.3	0.1	356.1	0.02	98.90
66.5-67.0	1.7	0.1	356.1	0.02	98.92
67.0-67.5	1.3	0.1	356.2	0.02	98.94
67.5-68.0	1.4	0.1	356.3	0.02	98.96
68.0-68.5	1.7	0.1	356.4	0.02	98.99
68.5-69.0	1.6	0.1	356.4	0.02	99.01
69.0-69.5	1.5	0.1	356.5	0.02	99.03
69.5-70.0	1.5	0.1	356.6	0.02	99.05
70.0-70.5	1.5	0.1	356.7	0.02	99.07
70.5-71.0	1.4	0.1	356.7	0.02	99.09
71.0-71.5	1.2	0.1	356.8	0.02	99.11
71.5-72.0	1.3	0.1	356.9	0.02	99.13

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-72.5	1.3	0.1	356.9	0.02	99.15
72.5-73.0	0.9	0.0	357.0	0.01	99.16
73.0-73.5	0.7	0.0	357.0	0.01	99.17
73.5-74.0	0.8	0.0	357.1	0.01	99.18
74.0-74.5	0.9	0.0	357.1	0.01	99.19
74.5-75.0	0.6	0.0	357.1	0.01	99.20
75.0-75.5	0.4	0.0	357.2	0.01	99.21
75.5-76.0	0.4	0.0	357.2	0.01	99.21
76.0-76.5	0.4	0.0	357.2	0.01	99.22
76.5-77.0	0.2	0.0	357.2	0.00	99.22
77.0-77.5	0.1	0.0	357.2	0.00	99.23
77.5-78.0	0.2	0.0	357.2	0.00	99.23
78.0-78.5	0.5	0.0	357.3	0.01	99.24
78.5-79.0	0.6	0.0	357.3	0.01	99.25
79.0-79.5	0.6	0.0	357.3	0.01	99.25
79.5-80.0	0.7	0.0	357.4	0.01	99.26
80.0-80.5	0.4	0.0	357.4	0.01	99.27
80.5-81.0	0.2	0.0	357.4	0.00	99.27
81.0-81.5	0.3	0.0	357.4	0.00	99.28
81.5-82.0	0.4	0.0	357.4	0.01	99.28
82.0-82.5	0.5	0.0	357.5	0.01	99.29
82.5-83.0	0.4	0.0	357.5	0.01	99.30
83.0-83.5	0.3	0.0	357.5	0.00	99.30
83.5-84.0	0.3	0.0	357.5	0.01	99.31
84.0-84.5	0.4	0.0	357.5	0.01	99.31
84.5-85.0	0.4	0.0	357.6	0.01	99.32
85.0-85.5	0.3	0.0	357.6	0.00	99.32
85.5-86.0	0.3	0.0	357.6	0.00	99.33
86.0-86.5	0.2	0.0	357.6	0.00	99.33
86.5-87.0	0.2	0.0	357.6	0.00	99.33
87.0-87.5	0.2	0.0	357.6	0.00	99.34
87.5-88.0	0.3	0.0	357.6	0.00	99.34
88.0-88.5	0.3	0.0	357.6	0.00	99.34
88.5-89.0	0.2	0.0	357.7	0.00	99.35
89.0-89.5	0.1	0.0	357.7	0.00	99.35
89.5-90.0	0.1	0.0	357.7	0.00	99.35

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
90.0-90.5	0.1	0.0	357.7	0.00	99.35
90.5-91.0	0.1	0.0	357.7	0.00	99.35
91.0-91.5	0.1	0.0	357.7	0.00	99.36
91.5-92.0	0.2	0.0	357.7	0.00	99.36
92.0-92.5	0.2	0.0	357.7	0.00	99.36
92.5-93.0	0.1	0.0	357.7	0.00	99.36
93.0-93.5	0.1	0.0	357.7	0.00	99.36
93.5-94.0	0.1	0.0	357.7	0.00	99.37
94.0-94.5	0.1	0.0	357.7	0.00	99.37
94.5-95.0	0.1	0.0	357.7	0.00	99.37
95.0-95.5	0.1	0.0	357.7	0.00	99.37
95.5-96.0	0.1	0.0	357.8	0.00	99.37
96.0-96.5	0.1	0.0	357.8	0.00	99.37
96.5-97.0	0.1	0.0	357.8	0.00	99.37
97.0-97.5	0.1	0.0	357.8	0.00	99.38
97.5-98.0	0.1	0.0	357.8	0.00	99.38
98.0-98.5	0.1	0.0	357.8	0.00	99.38
98.5-99.0	0.0	0.0	357.8	0.00	99.38
99.0-99.5	0.1	0.0	357.8	0.00	99.38
99.5-100.0	0.1	0.0	357.8	0.00	99.38
100.0-100.5	0.1	0.0	357.8	0.00	99.38
100.5-101.0	0.2	0.0	357.8	0.00	99.39
101.0-101.5	0.2	0.0	357.8	0.00	99.39
101.5-102.0	0.2	0.0	357.8	0.00	99.39
102.0-102.5	0.1	0.0	357.8	0.00	99.39
102.5-103.0	0.1	0.0	357.8	0.00	99.39
103.0-103.5	0.2	0.0	357.8	0.00	99.40
103.5-104.0	0.2	0.0	357.9	0.00	99.40
104.0-104.5	0.3	0.0	357.9	0.00	99.40
104.5-105.0	0.3	0.0	357.9	0.01	99.41
105.0-105.5	0.2	0.0	357.9	0.00	99.41
105.5-106.0	0.2	0.0	357.9	0.00	99.42
106.0-106.5	0.1	0.0	357.9	0.00	99.42
106.5-107.0	0.1	0.0	357.9	0.00	99.42
107.0-107.5	0.3	0.0	357.9	0.00	99.42
107.5-108.0	0.4	0.0	358.0	0.01	99.43

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-108.5	0.3	0.0	358.0	0.00	99.43
108.5-109.0	0.3	0.0	358.0	0.00	99.44
109.0-109.5	0.3	0.0	358.0	0.00	99.44
109.5-110.0	0.2	0.0	358.0	0.00	99.44
110.0-110.5	0.4	0.0	358.0	0.01	99.45
110.5-111.0	0.4	0.0	358.1	0.01	99.46
111.0-111.5	0.3	0.0	358.1	0.00	99.46
111.5-112.0	0.3	0.0	358.1	0.00	99.46
112.0-112.5	0.4	0.0	358.1	0.01	99.47
112.5-113.0	0.4	0.0	358.1	0.01	99.47
113.0-113.5	0.4	0.0	358.1	0.01	99.48
113.5-114.0	0.2	0.0	358.2	0.00	99.48
114.0-114.5	0.3	0.0	358.2	0.00	99.49
114.5-115.0	0.3	0.0	358.2	0.00	99.49
115.0-115.5	0.4	0.0	358.2	0.01	99.50
115.5-116.0	0.4	0.0	358.2	0.00	99.50
116.0-116.5	0.2	0.0	358.2	0.00	99.50
116.5-117.0	0.3	0.0	358.2	0.00	99.51
117.0-117.5	0.4	0.0	358.3	0.01	99.51
117.5-118.0	0.3	0.0	358.3	0.00	99.52
118.0-118.5	0.3	0.0	358.3	0.00	99.52
118.5-119.0	0.3	0.0	358.3	0.00	99.53
119.0-119.5	0.3	0.0	358.3	0.00	99.53
119.5-120.0	0.4	0.0	358.3	0.01	99.54
120.0-120.5	0.3	0.0	358.4	0.00	99.54
120.5-121.0	0.2	0.0	358.4	0.00	99.54
121.0-121.5	0.3	0.0	358.4	0.00	99.55
121.5-122.0	0.3	0.0	358.4	0.00	99.55
122.0-122.5	0.4	0.0	358.4	0.00	99.56
122.5-123.0	0.5	0.0	358.4	0.01	99.56
123.0-123.5	0.4	0.0	358.5	0.01	99.57
123.5-124.0	0.3	0.0	358.5	0.00	99.57
124.0-124.5	0.3	0.0	358.5	0.00	99.57
124.5-125.0	0.3	0.0	358.5	0.00	99.58
125.0-125.5	0.2	0.0	358.5	0.00	99.58
125.5-126.0	0.2	0.0	358.5	0.00	99.58

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 7)

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
126.0-126.5	0.3	0.0	358.5	0.00	99.59
126.5-127.0	0.2	0.0	358.5	0.00	99.59
127.0-127.5	0.3	0.0	358.5	0.00	99.59
127.5-128.0	0.4	0.0	358.6	0.01	99.60
128.0-128.5	0.4	0.0	358.6	0.00	99.60
128.5-129.0	0.2	0.0	358.6	0.00	99.60
129.0-129.5	0.3	0.0	358.6	0.00	99.61
129.5-130.0	0.3	0.0	358.6	0.00	99.61
130.0-130.5	0.1	0.0	358.6	0.00	99.61
130.5-131.0	0.1	0.0	358.6	0.00	99.61
131.0-131.5	0.1	0.0	358.6	0.00	99.61
131.5-132.0	0.1	0.0	358.6	0.00	99.62
132.0-132.5	0.2	0.0	358.6	0.00	99.62
132.5-133.0	0.2	0.0	358.6	0.00	99.62
133.0-133.5	0.2	0.0	358.7	0.00	99.62
133.5-134.0	0.2	0.0	358.7	0.00	99.63
134.0-134.5	0.4	0.0	358.7	0.00	99.63
134.5-135.0	0.4	0.0	358.7	0.00	99.63
135.0-135.5	0.3	0.0	358.7	0.00	99.64
135.5-136.0	0.5	0.0	358.7	0.00	99.64
136.0-136.5	0.3	0.0	358.7	0.00	99.65
136.5-137.0	0.1	0.0	358.7	0.00	99.65
137.0-137.5	0.2	0.0	358.7	0.00	99.65
137.5-138.0	0.4	0.0	358.8	0.00	99.65
138.0-138.5	0.5	0.0	358.8	0.01	99.66
138.5-139.0	0.4	0.0	358.8	0.00	99.66
139.0-139.5	0.2	0.0	358.8	0.00	99.66
139.5-140.0	0.1	0.0	358.8	0.00	99.67
140.0-140.5	0.4	0.0	358.8	0.00	99.67
140.5-141.0	0.7	0.0	358.8	0.01	99.68
141.0-141.5	0.5	0.0	358.9	0.01	99.68
141.5-142.0	0.2	0.0	358.9	0.00	99.68
142.0-142.5	0.4	0.0	358.9	0.00	99.69
142.5-143.0	0.5	0.0	358.9	0.00	99.69
143.0-143.5	0.5	0.0	358.9	0.00	99.70
143.5-144.0	0.5	0.0	358.9	0.00	99.70

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-144.5	0.6	0.0	359.0	0.01	99.71
144.5-145.0	0.9	0.0	359.0	0.01	99.71
145.0-145.5	0.6	0.0	359.0	0.01	99.72
145.5-146.0	0.4	0.0	359.0	0.00	99.72
146.0-146.5	0.6	0.0	359.0	0.01	99.73
146.5-147.0	0.7	0.0	359.1	0.01	99.73
147.0-147.5	0.7	0.0	359.1	0.01	99.74
147.5-148.0	0.6	0.0	359.1	0.00	99.74
148.0-148.5	0.8	0.0	359.1	0.01	99.75
148.5-149.0	1.1	0.0	359.1	0.01	99.76
149.0-149.5	1.1	0.0	359.2	0.01	99.77
149.5-150.0	0.8	0.0	359.2	0.01	99.77
150.0-150.5	0.5	0.0	359.2	0.00	99.78
150.5-151.0	0.6	0.0	359.2	0.00	99.78
151.0-151.5	0.7	0.0	359.2	0.00	99.79
151.5-152.0	0.8	0.0	359.3	0.01	99.79
152.0-152.5	0.8	0.0	359.3	0.01	99.80
152.5-153.0	0.7	0.0	359.3	0.01	99.80
153.0-153.5	0.5	0.0	359.3	0.00	99.81
153.5-154.0	0.3	0.0	359.3	0.00	99.81
154.0-154.5	0.6	0.0	359.3	0.00	99.81
154.5-155.0	0.7	0.0	359.4	0.00	99.82
155.0-155.5	0.6	0.0	359.4	0.00	99.82
155.5-156.0	0.8	0.0	359.4	0.00	99.83
156.0-156.5	0.9	0.0	359.4	0.01	99.83
156.5-157.0	0.7	0.0	359.4	0.00	99.84
157.0-157.5	0.9	0.0	359.4	0.01	99.84
157.5-158.0	1.1	0.0	359.5	0.01	99.85
158.0-158.5	1.1	0.0	359.5	0.01	99.85
158.5-159.0	0.7	0.0	359.5	0.00	99.86
159.0-159.5	0.6	0.0	359.5	0.00	99.86
159.5-160.0	0.7	0.0	359.5	0.00	99.87
160.0-160.5	0.9	0.0	359.5	0.00	99.87
160.5-161.0	1.2	0.0	359.6	0.01	99.88
161.0-161.5	1.1	0.0	359.6	0.01	99.88
161.5-162.0	1.3	0.0	359.6	0.01	99.89

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 <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
162.0-162.5	1.4	0.0	359.6	0.01	99.89
162.5-163.0	1.1	0.0	359.6	0.01	99.90
163.0-163.5	1.4	0.0	359.7	0.01	99.90
163.5-164.0	1.2	0.0	359.7	0.01	99.91
164.0-164.5	1.1	0.0	359.7	0.00	99.91
164.5-165.0	1.5	0.0	359.7	0.01	99.92
165.0-165.5	1.1	0.0	359.7	0.00	99.92
165.5-166.0	1.0	0.0	359.8	0.00	99.93
166.0-166.5	1.1	0.0	359.8	0.00	99.93
166.5-167.0	0.9	0.0	359.8	0.00	99.94
167.0-167.5	1.0	0.0	359.8	0.00	99.94
167.5-168.0	1.3	0.0	359.8	0.00	99.94
168.0-168.5	1.7	0.0	359.8	0.01	99.95
168.5-169.0	1.6	0.0	359.8	0.00	99.95
169.0-169.5	1.2	0.0	359.9	0.00	99.96
169.5-170.0	0.8	0.0	359.9	0.00	99.96
170.0-170.5	1.0	0.0	359.9	0.00	99.96
170.5-171.0	1.6	0.0	359.9	0.00	99.97
171.0-171.5	1.2	0.0	359.9	0.00	99.97
171.5-172.0	1.3	0.0	359.9	0.00	99.97
172.0-172.5	1.9	0.0	359.9	0.00	99.98
172.5-173.0	1.7	0.0	359.9	0.00	99.98
173.0-173.5	1.7	0.0	359.9	0.00	99.98
173.5-174.0	2.0	0.0	360.0	0.00	99.98
174.0-174.5	1.7	0.0	360.0	0.00	99.99
174.5-175.0	1.4	0.0	360.0	0.00	99.99
175.0-175.5	1.7	0.0	360.0	0.00	99.99
175.5-176.0	1.8	0.0	360.0	0.00	99.99
176.0-176.5	1.5	0.0	360.0	0.00	100.00
176.5-177.0	1.4	0.0	360.0	0.00	100.00
177.0-177.5	1.7	0.0	360.0	0.00	100.00
177.5-178.0	1.4	0.0	360.0	0.00	100.00
178.0-178.5	1.5	0.0	360.0	0.00	100.00
178.5-179.0	1.7	0.0	360.0	0.00	100.00
179.0-179.5	1.4	0.0	360.0	0.00	100.00
179.5-180.0	1.0	0.0	360.0	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	329.4	331.2	328.3	330.2	329.4	331.2	328.3	330.2	329.4	
G0.5	329.6	331.4	328.5	325.6	333.0	330.9	328.0	325.6	329.6	
G1.0	329.8	331.5	328.8	325.6	328.4	330.4	327.8	325.4	329.8	
G1.5	333.3	327.1	328.4	325.3	327.6	325.2	327.2	329.6	333.3	
G2.0	329.5	327.0	328.8	329.4	326.8	324.4	326.9	329.2	329.5	
G2.5	332.6	331.1	328.1	324.5	330.2	328.0	326.5	328.7	332.6	
G3.0	328.9	330.6	327.9	324.2	324.7	322.6	325.8	323.9	328.9	
G3.5	331.5	325.9	327.4	327.8	323.7	321.5	325.0	327.6	331.5	
G4.0	327.7	329.1	327.0	322.8	326.8	324.6	324.1	326.9	327.7	
G4.5	326.8	328.2	326.4	325.9	321.2	319.0	323.1	326.1	326.8	
G5.0	326.0	323.5	325.7	321.0	324.2	317.5	322.0	321.1	326.0	
G5.5	327.5	326.1	326.1	323.9	318.1	319.9	319.6	320.1	327.5	
G6.0	326.3	324.9	324.3	322.7	321.0	318.0	318.0	322.6	326.3	
G6.5	322.5	320.5	323.2	321.4	319.1	315.9	316.3	321.1	322.5	
G7.0	323.2	319.4	322.1	320.0	312.7	313.7	315.6	315.9	323.2	
G7.5	321.4	321.1	322.1	318.5	310.7	307.7	313.6	314.3	321.4	
G8.0	317.8	316.7	320.9	316.9	312.8	308.7	311.3	315.5	317.8	
G8.5	317.5	317.9	317.9	315.0	306.2	303.0	307.3	313.4	317.5	
G9.0	315.1	313.5	316.4	312.9	308.0	303.3	306.1	308.1	315.1	
G9.5	312.8	311.7	316.3	308.1	305.5	297.3	301.3	305.8	312.8	
G10.0	310.4	309.8	312.7	308.1	302.9	294.3	298.2	305.6	310.4	
G10.5	307.1	307.7	312.3	303.4	300.1	293.9	296.9	302.8	307.1	
G11.0	305.3	305.6	309.9	302.7	292.9	290.7	293.7	299.8	305.3	
G11.5	301.8	304.7	307.0	297.7	289.9	285.3	288.5	296.7	301.8	
G12.0	299.6	302.0	302.3	294.7	290.6	282.1	287.3	291.8	299.6	
G12.5	296.3	298.3	301.3	293.4	287.5	280.6	283.9	290.4	296.3	
G13.0	293.3	296.1	298.0	288.7	280.7	275.6	280.5	285.6	293.3	
G13.5	290.0	292.9	294.6	285.6	277.5	272.5	277.0	282.5	290.0	
G14.0	287.0	289.1	288.9	282.3	277.5	269.3	273.5	279.3	287.0	
G14.5	283.3	286.3	287.9	279.0	274.2	266.0	269.9	276.6	283.3	
G15.0	279.8	282.7	284.4	275.6	270.9	262.7	266.5	272.5	279.8	
G15.5	276.2	279.0	278.3	272.3	267.7	259.2	263.1	269.2	276.2	
G16.0	272.5	275.7	274.6	269.0	264.4	255.6	256.8	265.4	272.5	
G16.5	269.7	272.3	270.8	265.7	261.0	252.1	256.2	262.4	269.7	
G17.0	264.7	268.6	267.2	262.4	255.1	248.5	250.0	258.2	264.7	
G17.5	262.2	265.0	263.6	258.3	251.9	244.8	246.7	254.6	262.2	
G18.0	258.5	259.6	262.3	256.1	248.6	242.0	246.2	251.9	258.5	

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	253.1	256.1	256.2	252.8	247.1	237.0	242.8	248.5	253.1	
G19.0	251.3	253.9	255.3	247.7	241.7	233.4	239.3	243.7	251.3	
G19.5	247.7	248.1	248.7	243.9	238.0	231.7	232.1	241.6	247.7	
G20.0	244.0	246.4	247.6	240.3	235.8	225.9	228.5	235.9	244.0	
G20.5	238.0	242.7	241.4	236.6	230.2	222.1	224.8	234.5	238.0	
G21.0	233.9	235.8	237.6	232.9	228.1	218.4	224.7	230.9	233.9	
G21.5	229.9	231.6	236.4	231.6	224.3	217.8	217.0	224.4	229.9	
G22.0	225.9	227.4	232.6	228.0	219.3	211.2	213.1	223.6	225.9	
G22.5	221.8	226.5	228.7	224.4	215.6	210.5	212.7	216.7	221.8	
G23.0	220.5	222.6	221.8	220.9	213.0	207.0	208.8	216.1	220.5	
G23.5	212.9	218.7	220.5	216.8	208.4	203.4	201.1	211.9	212.9	
G24.0	212.1	210.8	216.6	209.5	205.4	199.8	197.0	204.7	212.1	
G24.5	208.0	210.6	212.5	205.4	201.0	196.2	196.6	200.5	208.0	
G25.0	203.7	206.4	208.4	201.3	197.2	192.5	189.0	196.3	203.7	
G25.5	199.3	202.1	204.0	197.2	193.6	188.9	188.9	192.2	199.3	
G26.0	190.9	193.7	199.7	196.9	190.0	180.9	184.8	191.7	190.9	
G26.5	190.3	189.7	195.4	188.8	186.3	177.1	176.5	187.7	190.3	
G27.0	186.0	185.4	191.3	188.7	182.9	177.6	172.8	179.7	186.0	
G27.5	177.7	185.3	183.9	180.3	179.0	169.3	172.6	179.3	177.7	
G28.0	173.4	181.0	179.7	180.8	175.3	165.6	164.6	175.2	173.4	
G28.5	172.8	172.1	175.4	176.4	171.8	161.9	160.8	171.1	172.8	
G29.0	168.6	168.5	171.3	172.6	168.5	163.0	161.3	162.8	168.6	
G29.5	164.8	169.0	167.3	168.2	164.8	154.7	153.2	158.7	164.8	
G30.0	156.8	160.3	165.8	164.4	161.7	151.1	153.6	154.6	156.8	
G30.5	153.0	156.3	161.8	160.7	158.1	152.0	150.2	150.7	153.0	
G31.0	153.4	152.4	157.7	156.9	154.6	144.4	142.6	151.7	153.4	
G31.5	145.4	153.1	151.1	148.4	151.0	141.0	139.0	147.5	145.4	
G32.0	141.7	149.5	150.1	144.8	146.6	141.8	135.3	143.8	141.7	
G32.5	142.5	141.2	143.8	145.5	143.6	133.9	132.2	140.2	142.5	
G33.0	138.9	142.2	142.5	137.7	139.4	135.1	133.4	132.5	138.9	
G33.5	135.8	138.8	139.1	138.1	137.0	132.0	130.2	129.1	135.8	
G34.0	128.2	131.5	135.9	134.5	133.8	128.9	122.8	130.3	128.2	
G34.5	125.2	132.4	132.6	127.1	130.3	122.0	120.0	122.8	125.2	
G35.0	126.8	125.7	127.2	128.0	127.2	123.1	117.2	124.5	126.8	
G35.5	123.8	123.2	124.3	125.1	124.4	116.8	118.9	121.8	123.8	
G36.0	121.3	120.6	121.7	118.8	120.4	114.5	112.2	114.9	121.3	
G36.5	114.3	118.0	119.1	116.4	118.5	115.2	114.0	112.3	114.3	

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 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	116.4	115.7	118.8	117.1	114.8	110.0	111.8	110.3	116.4	
G37.5	109.6	113.4	116.4	111.7	113.1	110.4	105.5	108.0	109.6	
G38.0	107.3	111.2	111.7	112.1	109.6	108.0	107.5	109.9	107.3	
G38.5	109.5	112.0	109.4	109.5	107.1	105.5	101.0	107.8	109.5	
G39.0	103.1	106.9	109.4	107.3	104.7	103.3	103.3	105.6	103.1	
G39.5	105.4	107.5	105.0	104.8	103.4	99.1	96.9	103.5	105.4	
G40.0	98.8	102.7	102.7	100.5	100.3	97.1	99.2	101.5	98.8	
G40.5	96.9	102.9	102.2	100.0	98.8	96.4	92.8	95.6	96.9	
G41.0	94.9	98.6	99.9	97.7	95.7	94.3	94.9	97.3	94.9	
G41.5	93.0	98.5	95.9	95.5	94.4	92.1	92.8	91.6	93.0	
G42.0	95.4	96.3	95.2	92.1	92.2	88.9	90.8	93.2	95.4	
G42.5	88.7	92.3	92.9	89.9	90.0	87.4	88.6	91.0	88.7	
G43.0	91.1	90.2	90.7	87.5	87.8	84.5	86.2	88.8	91.1	
G43.5	84.3	88.0	87.9	84.8	84.8	82.0	79.4	86.4	84.3	
G44.0	81.9	86.6	85.1	81.9	82.3	79.7	80.8	80.3	81.9	
G44.5	83.7	84.0	80.8	79.3	79.6	76.8	73.4	77.8	83.7	
G45.0	81.2	81.2	77.6	76.6	77.1	74.2	70.5	78.2	81.2	
G45.5	73.9	78.0	75.3	73.9	74.1	71.6	67.6	72.2	73.9	
G46.0	71.1	75.6	71.2	69.9	71.4	68.8	68.6	69.5	71.1	
G46.5	72.6	72.8	68.2	67.2	67.9	65.9	65.9	69.7	72.6	
G47.0	65.2	69.9	66.3	64.5	64.9	62.4	59.0	67.0	65.2	
G47.5	66.4	66.8	62.5	63.7	61.8	59.5	60.2	64.4	66.4	
G48.0	58.7	64.2	60.3	58.6	58.8	58.0	57.6	61.7	58.7	
G48.5	59.8	61.0	57.1	58.0	55.8	54.9	51.2	58.9	59.8	
G49.0	56.8	57.9	54.9	55.3	52.9	49.4	48.7	53.1	56.8	
G49.5	53.6	53.3	52.3	52.3	49.8	46.4	46.3	50.1	53.6	
G50.0	46.2	51.6	50.0	49.7	47.1	46.3	43.8	47.2	46.2	
G50.5	43.2	46.9	47.3	43.6	44.5	43.7	44.6	46.8	43.2	
G51.0	40.6	44.0	44.8	44.4	41.8	37.7	38.2	44.2	40.6	
G51.5	42.2	41.2	42.3	41.9	38.9	35.0	35.8	39.3	42.2	
G52.0	39.3	38.4	39.3	35.5	36.5	32.0	36.3	36.6	39.3	
G52.5	32.1	37.8	36.4	32.4	33.6	32.6	33.3	35.9	32.1	
G53.0	33.6	32.1	33.9	29.5	30.0	29.9	27.1	30.9	33.6	
G53.5	30.2	29.0	31.1	30.7	27.5	27.3	24.6	27.9	30.2	
G54.0	23.0	29.0	27.8	27.8	25.6	24.7	22.1	27.0	23.0	
G54.5	20.3	22.9	26.0	20.8	23.0	18.0	22.7	22.2	20.3	
G55.0	17.8	20.3	23.6	22.8	19.4	15.5	20.4	21.4	17.8	

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	15.4	21.1	21.4	16.4	18.2	13.2	15.3	17.6	15.4	
G56.0	12.9	18.8	19.2	14.4	14.7	11.2	16.3	17.2	12.9	
G56.5	14.8	16.5	16.2	16.9	12.5	9.3	14.3	15.1	14.8	
G57.0	8.6	14.5	15.4	10.3	11.9	11.9	11.9	13.1	8.6	
G57.5	10.8	8.9	13.3	8.6	8.3	5.9	7.1	9.9	10.8	
G58.0	9.3	11.1	9.7	11.0	8.5	8.9	7.9	9.0	9.3	
G58.5	8.1	9.6	8.9	5.0	5.5	7.8	4.3	6.2	8.1	
G59.0	7.1	8.2	6.1	8.0	4.6	2.5	5.7	4.9	7.1	
G59.5	2.4	2.9	6.5	7.1	3.8	6.4	2.9	4.1	2.4	
G60.0	6.0	2.3	4.1	6.3	5.6	5.9	2.5	4.2	6.0	
G60.5	1.6	6.1	5.1	5.7	5.2	1.0	4.1	3.1	1.6	
G61.0	5.3	1.1	4.6	1.6	5.0	5.3	2.2	2.8	5.3	
G61.5	1.2	5.4	4.3	1.4	2.1	5.2	3.8	2.7	1.2	
G62.0	4.9	5.2	4.1	4.6	4.7	4.8	2.0	2.6	4.9	
G62.5	4.7	4.8	3.9	4.4	1.6	0.9	1.9	2.3	4.7	
G63.0	0.8	0.4	1.9	1.2	1.5	0.8	3.1	2.5	0.8	
G63.5	0.7	4.7	1.7	4.0	4.4	4.1	3.0	2.3	0.7	
G64.0	0.6	4.4	3.6	1.1	4.3	4.1	2.9	2.2	0.6	
G64.5	4.2	4.5	1.4	1.2	4.3	3.8	2.5	2.0	4.2	
G65.0	0.3	0.0	3.3	1.2	0.7	3.5	2.5	1.8	0.3	
G65.5	0.3	4.0	1.1	2.8	4.1	0.5	2.3	2.0	0.3	
G66.0	0.2	0.0	0.9	1.2	0.3	0.5	1.3	1.5	0.2	
G66.5	3.5	0.0	2.9	2.5	0.2	3.0	2.0	1.4	3.5	
G67.0	0.0	3.6	0.7	2.1	0.0	2.8	1.4	1.0	0.0	
G67.5	0.0	0.0	2.9	2.1	0.0	0.5	1.1	2.1	0.0	
G68.0	3.1	3.5	0.4	1.8	0.0	2.3	1.3	0.9	3.1	
G68.5	0.0	3.4	2.7	1.1	3.6	0.5	1.2	2.0	0.0	
G69.0	2.8	0.0	0.1	1.4	3.5	0.6	1.2	2.0	2.8	
G69.5	0.0	3.0	2.5	1.4	3.4	0.6	1.0	0.4	0.0	
G70.0	0.0	0.0	2.4	0.6	3.4	1.3	1.1	1.9	0.0	
G70.5	2.2	2.7	2.3	0.6	3.3	0.6	0.7	0.1	2.2	
G71.0	0.0	2.5	0.0	1.5	3.3	0.7	1.0	0.0	0.0	
G71.5	2.1	2.4	2.2	0.0	3.1	0.6	0.3	0.0	2.1	
G72.0	0.0	2.2	2.1	1.5	3.0	0.7	1.0	0.0	0.0	
G72.5	1.9	0.0	1.9	0.0	2.7	0.7	0.9	1.6	1.9	
G73.0	1.7	1.9	0.0	0.0	0.0	0.8	0.0	0.0	1.7	
G73.5	1.4	1.7	1.8	1.6	0.0	0.0	0.0	0.0	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 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	0.0	1.5	1.5	1.6	0.0	0.9	0.0	1.6	0.0	
G74.5	1.3	0.0	1.7	1.7	0.0	0.9	0.0	1.6	1.3	
G75.0	0.9	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.9	
G75.5	1.0	1.0	1.3	0.0	0.0	0.0	0.0	0.0	1.0	
G76.0	0.9	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.9	
G76.5	0.0	0.7	1.3	0.0	0.0	0.0	0.0	1.5	0.0	
G77.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G77.5	0.0	0.4	0.0	0.0	0.0	0.0	0.7	0.0	0.0	
G78.0	0.0	0.3	0.0	0.0	0.0	0.0	0.7	1.4	0.0	
G78.5	0.2	0.0	0.0	1.6	1.6	0.0	0.7	1.4	0.2	
G79.0	0.0	0.0	0.9	1.6	0.0	0.0	0.7	1.4	0.0	
G79.5	0.0	0.0	0.8	0.0	1.3	1.1	0.7	1.1	0.0	
G80.0	0.0	0.0	0.5	1.5	1.3	1.1	0.0	1.3	0.0	
G80.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	
G81.0	0.0	0.0	0.6	0.0	1.0	1.1	0.0	0.0	0.0	
G81.5	0.0	0.0	0.6	0.0	0.9	0.0	0.0	0.0	0.0	
G82.0	0.0	0.0	0.5	0.0	0.8	1.1	0.7	1.2	0.0	
G82.5	0.0	0.0	0.0	1.4	0.0	1.1	0.7	1.0	0.0	
G83.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	0.0	
G83.5	0.0	0.0	0.3	1.2	0.0	1.2	0.7	0.0	0.0	
G84.0	0.0	0.0	0.0	0.0	0.3	1.1	0.7	0.0	0.0	
G84.5	0.0	0.0	0.0	1.1	0.2	1.1	0.7	1.1	0.0	
G85.0	0.0	0.0	0.1	0.0	0.0	1.1	0.7	0.0	0.0	
G85.5	0.0	0.0	0.0	0.0	0.0	1.1	0.7	1.1	0.0	
G86.0	0.0	0.0	0.0	0.0	0.0	1.0	0.8	0.0	0.0	
G86.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	
G87.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.0	0.0	
G87.5	0.0	0.0	0.0	0.0	0.0	1.0	0.8	0.0	0.0	
G88.0	0.0	0.0	0.0	0.4	0.0	0.0	0.8	0.9	0.0	
G88.5	0.0	0.0	0.0	0.1	0.0	0.9	0.8	0.0	0.0	
G89.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	
G89.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	
G90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	
G90.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	
G91.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	0.0	
G91.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	
G92.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	0.7	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 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	0.3	0.0	0.0	0.0	0.4	0.0	0.0	0.0	
G93.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	0.0	0.0	
G93.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G94.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.5	0.0	
G94.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.5	0.0	
G95.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G95.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.3	0.0	
G96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	
G96.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	
G97.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	
G97.5	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.1	0.0	
G98.0	0.1	0.7	0.0	0.0	0.0	0.0	0.9	0.0	0.1	
G98.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
G99.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	
G99.5	0.0	0.0	0.0	0.0	0.1	0.0	0.9	0.0	0.0	
G100.0	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.0	
G100.5	0.0	0.0	0.0	0.2	0.0	0.0	0.8	0.0	0.0	
G101.0	0.3	0.0	0.0	0.2	0.3	0.0	0.8	0.0	0.3	
G101.5	0.3	0.8	0.0	0.0	0.4	0.0	0.0	0.0	0.3	
G102.0	0.0	0.8	0.0	0.5	0.5	0.0	0.0	0.0	0.0	
G102.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G103.0	0.4	0.9	0.0	0.0	0.0	0.0	0.5	0.0	0.4	
G103.5	0.4	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.4	
G104.0	0.0	0.9	0.0	0.0	0.7	0.0	0.6	0.0	0.0	
G104.5	0.4	0.9	0.0	0.0	0.7	0.0	0.4	0.0	0.4	
G105.0	0.0	0.9	0.0	0.9	0.8	0.0	0.5	0.0	0.0	
G105.5	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	
G106.0	0.0	0.9	0.0	0.0	0.9	0.0	0.0	0.0	0.0	
G106.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	
G107.0	0.0	0.8	0.0	0.0	0.0	0.3	0.0	0.0	0.0	
G107.5	0.0	1.0	0.0	1.0	1.0	0.0	0.1	0.0	0.0	
G108.0	0.7	1.0	0.0	0.0	1.0	0.4	0.0	0.0	0.7	
G108.5	0.0	0.0	0.0	1.0	0.0	0.6	0.0	0.0	0.0	
G109.0	0.0	0.0	0.0	1.0	1.0	0.7	0.0	0.0	0.0	
G109.5	0.8	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.8	
G110.0	0.0	0.0	0.0	1.0	1.1	0.0	0.1	0.0	0.0	
G110.5	0.9	1.0	0.0	0.9	0.0	0.9	0.0	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 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	0.9	1.1	0.0	0.0	0.9	0.0	0.0	0.0	0.9	
G111.5	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	
G112.0	0.0	1.1	0.0	0.8	0.0	1.0	0.0	0.3	0.0	
G112.5	1.0	0.0	0.0	0.0	0.9	1.1	0.0	0.0	1.0	
G113.0	0.0	1.1	0.0	0.0	1.1	1.1	0.0	0.5	0.0	
G113.5	0.0	1.1	0.0	0.0	0.0	1.1	0.0	0.6	0.0	
G114.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	
G114.5	0.0	1.1	0.0	0.3	1.1	0.0	0.0	0.8	0.0	
G115.0	0.0	1.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	
G115.5	1.2	1.1	0.0	0.0	0.9	1.2	0.0	0.0	1.2	
G116.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	
G116.5	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G117.0	0.0	1.2	0.0	0.0	0.9	1.1	0.0	0.0	0.0	
G117.5	0.0	1.2	0.0	0.0	0.0	1.1	0.0	1.1	0.0	
G118.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	
G118.5	0.0	0.0	0.0	0.0	0.8	1.0	0.0	1.2	0.0	
G119.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	0.0	
G119.5	1.3	0.0	0.0	0.0	0.0	0.9	0.0	1.2	1.3	
G120.0	1.3	0.0	0.0	0.0	0.7	0.0	0.0	1.3	1.3	
G120.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	
G121.0	1.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	
G121.5	1.1	0.0	0.0	0.0	0.6	0.0	0.0	1.2	1.1	
G122.0	0.0	1.2	0.0	0.0	0.8	0.5	0.0	0.0	0.0	
G122.5	1.4	1.0	0.0	0.0	0.8	0.0	0.0	0.0	1.4	
G123.0	1.1	1.2	0.0	0.0	0.5	0.4	0.0	1.2	1.1	
G123.5	0.0	1.2	0.0	0.0	0.7	0.3	0.0	0.0	0.0	
G124.0	0.0	1.0	0.0	0.2	0.7	0.0	0.0	0.0	0.0	
G124.5	0.0	1.2	0.0	0.3	0.4	0.1	0.0	1.0	0.0	
G125.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	1.0	0.0	
G125.5	0.0	0.0	0.0	0.5	0.6	0.0	0.0	0.0	0.0	
G126.0	0.0	1.2	0.0	0.6	0.0	0.0	0.0	0.8	0.0	
G126.5	0.0	1.2	0.0	0.0	0.5	0.0	0.0	0.8	0.0	
G127.0	0.0	0.0	0.0	0.9	0.4	0.0	0.1	0.0	0.0	
G127.5	1.3	1.2	0.0	0.0	0.4	0.0	0.0	0.0	1.3	
G128.0	1.3	1.2	0.0	1.1	0.0	0.0	0.0	0.6	1.3	
G128.5	1.2	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.2	
G129.0	0.0	1.2	0.0	0.0	0.0	0.0	0.1	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	1.2	1.2	0.0	0.0	0.3	0.0	0.4	0.3	1.2	
G130.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.2	0.0	
G130.5	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	
G131.0	1.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	1.1	
G131.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G132.0	0.0	0.0	0.0	1.7	0.0	0.5	0.0	0.0	0.0	
G132.5	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	
G133.0	0.0	1.0	0.0	0.0	0.1	0.8	0.0	0.0	0.0	
G133.5	0.9	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.9	
G134.0	0.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	
G134.5	0.0	1.0	0.0	1.8	0.0	0.0	1.2	0.0	0.0	
G135.0	0.8	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.8	
G135.5	0.8	0.9	0.0	0.0	0.0	1.2	0.0	0.0	0.8	
G136.0	0.7	0.9	0.0	0.0	0.0	1.5	1.5	0.1	0.7	
G136.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G137.0	0.0	0.8	0.1	0.0	0.0	0.0	0.0	0.6	0.0	
G137.5	0.6	0.8	0.1	0.0	0.0	0.0	0.0	0.5	0.6	
G138.0	0.0	0.0	0.1	0.0	0.0	1.8	1.7	0.9	0.0	
G138.5	0.5	0.7	0.0	0.0	0.0	0.0	1.8	1.0	0.5	
G139.0	0.4	0.0	0.2	1.6	0.0	0.0	0.0	0.9	0.4	
G139.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	
G140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	
G140.5	0.0	0.5	0.0	1.4	0.0	0.0	2.0	1.3	0.0	
G141.0	0.3	0.3	0.0	1.4	0.0	2.1	2.0	0.0	0.3	
G141.5	0.0	0.0	0.4	0.0	0.0	0.0	2.1	0.0	0.0	
G142.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
G142.5	0.0	0.0	0.5	1.1	0.0	2.1	0.0	1.8	0.0	
G143.0	0.0	0.3	0.5	0.0	0.1	0.0	2.2	0.0	0.0	
G143.5	0.1	0.0	0.0	0.9	0.0	2.1	2.2	0.0	0.1	
G144.0	0.0	0.0	0.6	0.0	0.1	0.0	2.2	0.0	0.0	
G144.5	0.0	0.1	0.0	0.0	0.0	2.1	2.3	2.1	0.0	
G145.0	0.3	0.0	0.0	0.6	0.2	2.0	2.3	2.2	0.3	
G145.5	0.0	0.1	0.0	0.0	0.3	0.0	0.0	2.2	0.0	
G146.0	0.3	0.3	0.7	0.0	0.3	0.0	2.3	0.0	0.3	
G146.5	0.6	0.4	0.5	0.0	0.0	1.8	2.3	0.0	0.6	
G147.0	0.7	0.5	0.0	0.3	0.0	1.7	0.0	2.4	0.7	
G147.5	0.0	0.6	0.0	0.3	0.4	1.7	0.0	2.4	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 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	0.0	0.7	0.0	0.1	0.4	0.0	2.3	0.0	0.0	
G148.5	1.0	0.8	0.8	0.0	0.5	1.5	2.3	2.4	1.0	
G149.0	1.1	0.0	0.9	0.7	0.0	1.4	2.3	2.4	1.1	
G149.5	1.2	1.0	0.0	0.8	0.5	1.3	2.3	2.4	1.2	
G150.0	0.0	0.0	0.0	0.0	0.6	0.0	2.3	0.0	0.0	
G150.5	0.0	0.0	1.0	1.1	0.1	1.1	0.0	2.3	0.0	
G151.0	0.0	1.4	0.0	0.0	0.1	1.0	2.2	0.0	0.0	
G151.5	1.6	0.0	0.0	1.4	0.1	0.9	0.0	2.3	1.6	
G152.0	0.0	1.6	0.0	1.3	0.7	0.8	2.0	0.0	0.0	
G152.5	0.0	1.7	1.1	0.0	0.7	0.7	2.1	0.0	0.0	
G153.0	1.8	0.0	1.1	0.0	0.2	0.4	2.1	0.0	1.8	
G153.5	0.0	0.0	1.1	0.0	0.1	0.5	0.0	0.0	0.0	
G154.0	0.0	2.0	1.1	0.0	0.3	0.4	0.0	0.0	0.0	
G154.5	0.0	0.0	1.2	2.0	0.3	0.8	2.0	0.0	0.0	
G155.0	0.0	0.0	0.0	1.9	0.3	0.9	1.7	0.0	0.0	
G155.5	0.0	0.0	0.1	2.3	0.8	0.2	0.0	1.7	0.0	
G156.0	0.0	2.4	0.1	2.3	0.8	0.0	0.0	1.6	0.0	
G156.5	0.0	2.3	0.1	2.3	0.4	0.0	0.0	1.5	0.0	
G157.0	0.0	2.6	0.2	0.0	0.8	0.0	1.7	0.0	0.0	
G157.5	0.0	2.6	0.2	2.6	0.8	1.6	1.7	0.0	0.0	
G158.0	2.6	2.5	0.2	0.0	0.8	1.7	0.0	0.1	2.6	
G158.5	2.7	0.0	1.3	2.8	0.8	1.6	0.0	0.3	2.7	
G159.0	0.0	0.0	0.3	0.0	0.6	0.0	0.0	0.8	0.0	
G159.5	2.9	0.0	1.3	0.0	0.7	2.0	0.0	0.6	2.9	
G160.0	0.0	0.0	0.4	0.0	0.6	0.0	1.4	0.8	0.0	
G160.5	0.0	3.0	0.4	3.0	0.9	2.2	1.3	0.6	0.0	
G161.0	0.0	2.8	1.3	0.0	0.8	2.3	0.4	1.0	0.0	
G161.5	0.0	3.1	0.5	3.1	0.7	0.0	0.5	0.5	0.0	
G162.0	0.0	3.1	1.1	3.1	0.9	2.4	1.1	0.2	0.0	
G162.5	3.2	0.0	1.2	0.0	0.7	2.5	0.7	1.4	3.2	
G163.0	3.0	0.0	0.7	3.2	0.8	0.0	0.8	0.2	3.0	
G163.5	3.2	0.0	1.0	3.2	0.9	2.6	0.9	1.4	3.2	
G164.0	3.3	0.0	1.2	0.0	0.7	0.0	1.0	0.0	3.3	
G164.5	0.0	3.2	1.2	3.2	1.0	2.7	0.8	0.0	0.0	
G165.0	0.0	3.2	0.7	3.2	0.9	2.8	0.7	0.0	0.0	
G165.5	0.0	0.0	1.0	0.0	0.8	2.8	1.3	0.0	0.0	
G166.0	0.0	0.0	1.1	3.2	0.9	2.9	0.6	2.2	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:

