

Report No.:

Test Time: 2022-06-29 16:43

## Luminaire Property

Luminaire Manufacturer:

Luminaire Description: VCP2202BL

Current: 0.152 A

Power Factor: 0.968

Voltage: 120.0 V

Power: 17.69 W

## Photometric Results

CIE Class: General Diffuse

Measurement Flux: 1144.1 lm

Downward Ratio: 57%

Horizontal Diffuse Angle(50%): H331.9

Vertical Diffuse Angle(50%): V216.5

Luminaire Efficacy Rating (LER): 64.73

Max. Intensity: 134.01 cd

S/MH(C0/C180): 1.64

Total Rated Lamp Lumens: 1144.1 lm

Efficiency: 100%

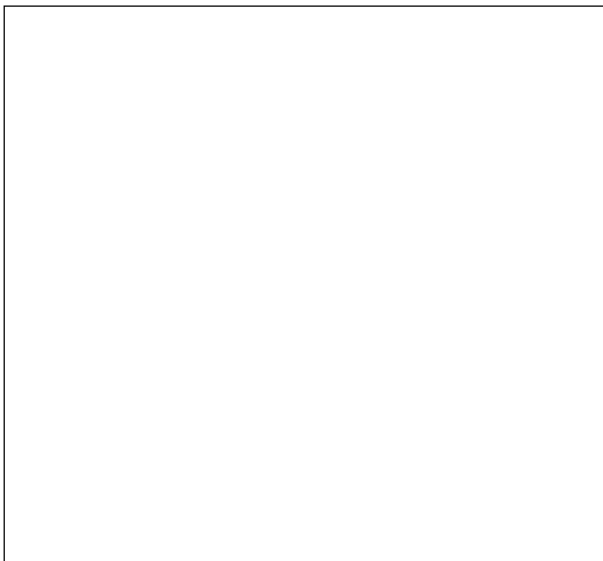
Upward Ratio: 43%

Central Intensity: 106.53 cd

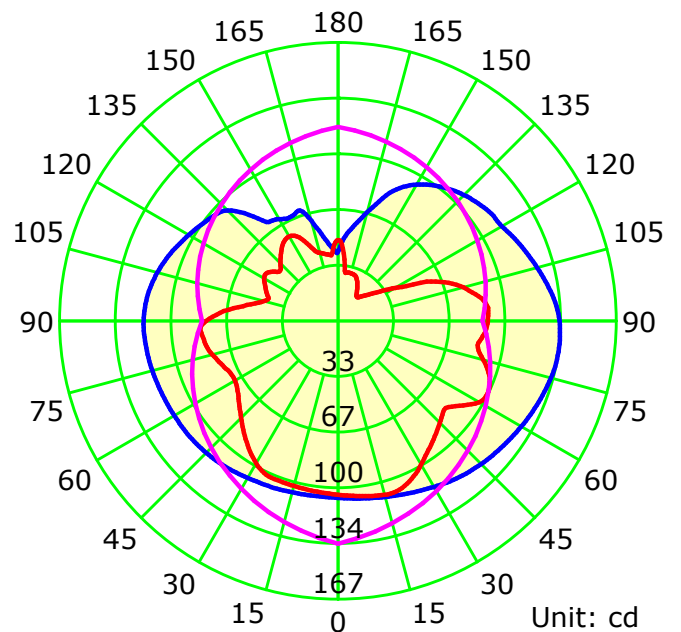
Pos of Max. Intensity: H0 V83

S/MH(C90/C270): 1.39

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 299.6°

— C0-C180 — C90-C270 — G83

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

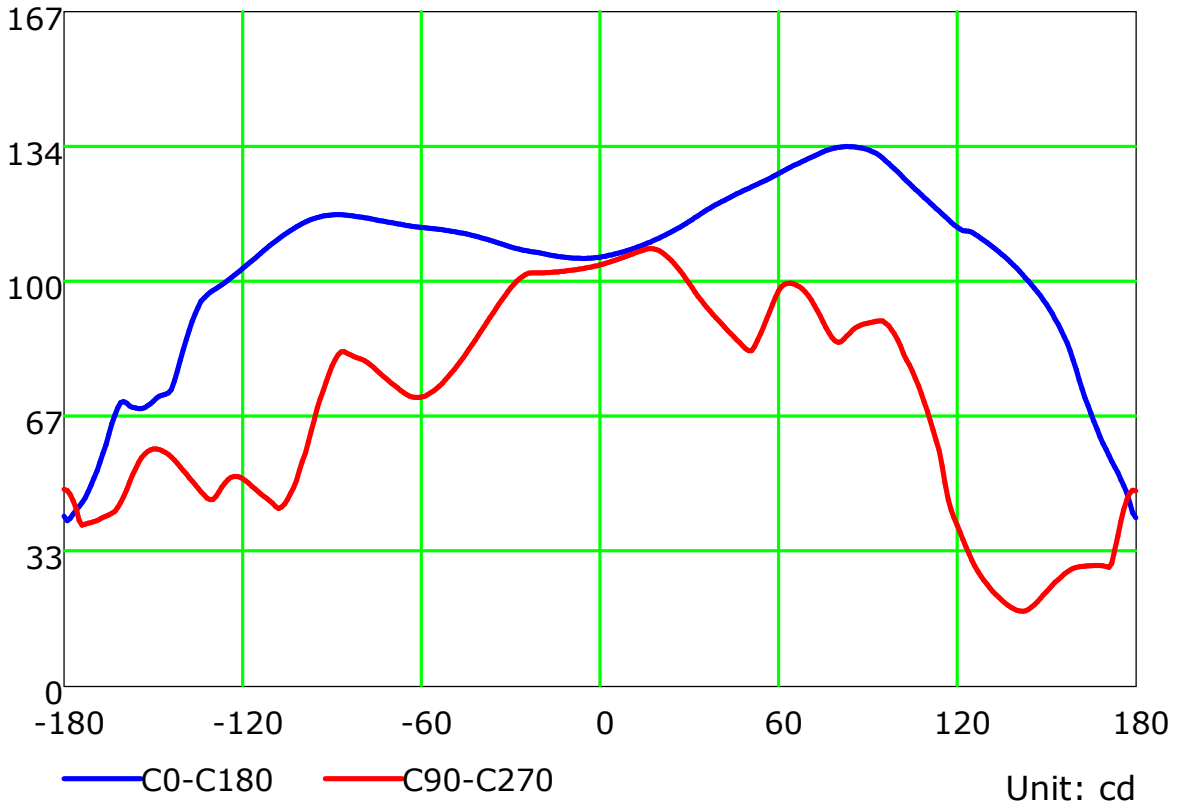
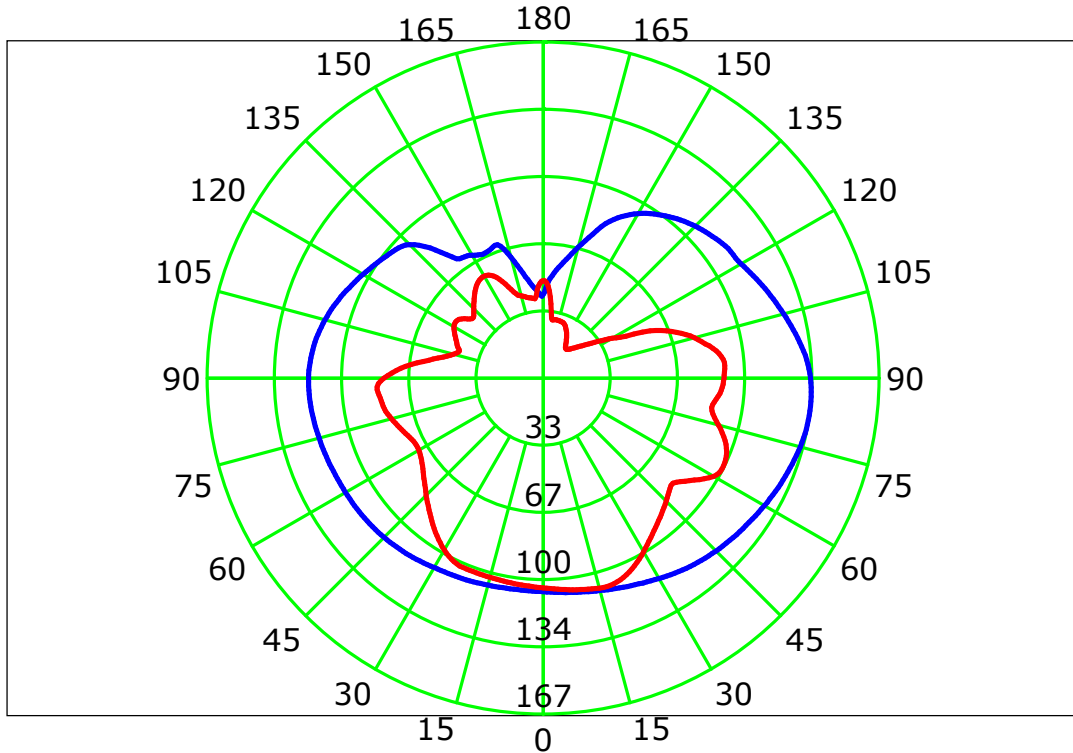
Test Device: GPM-1600

Distance: 6.500 m

Humidity:

Inspector:

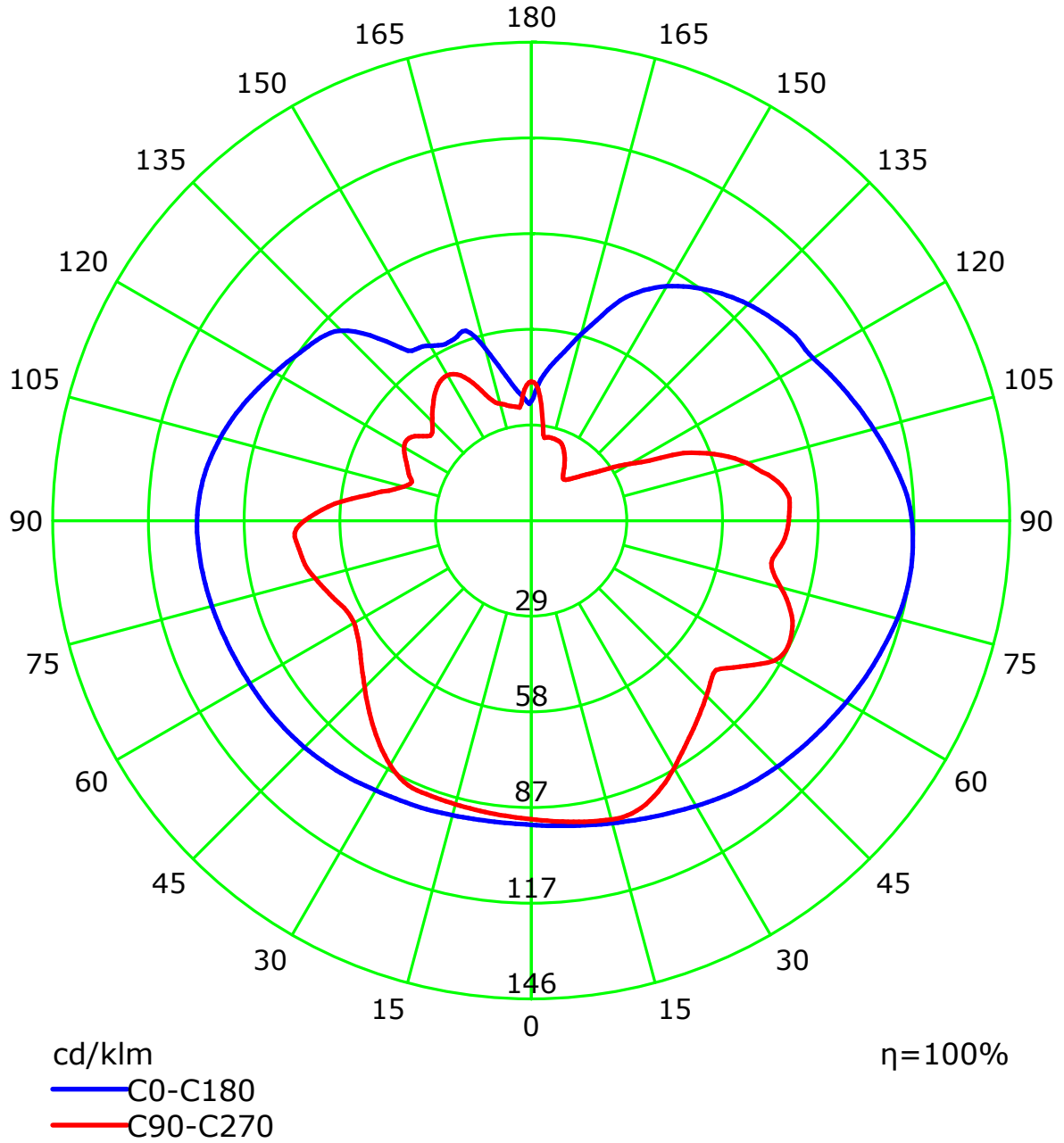
## Luminous Intensity Distribution Curve



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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

## Luminous Intensity Distribution Curve(cd/klm)



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

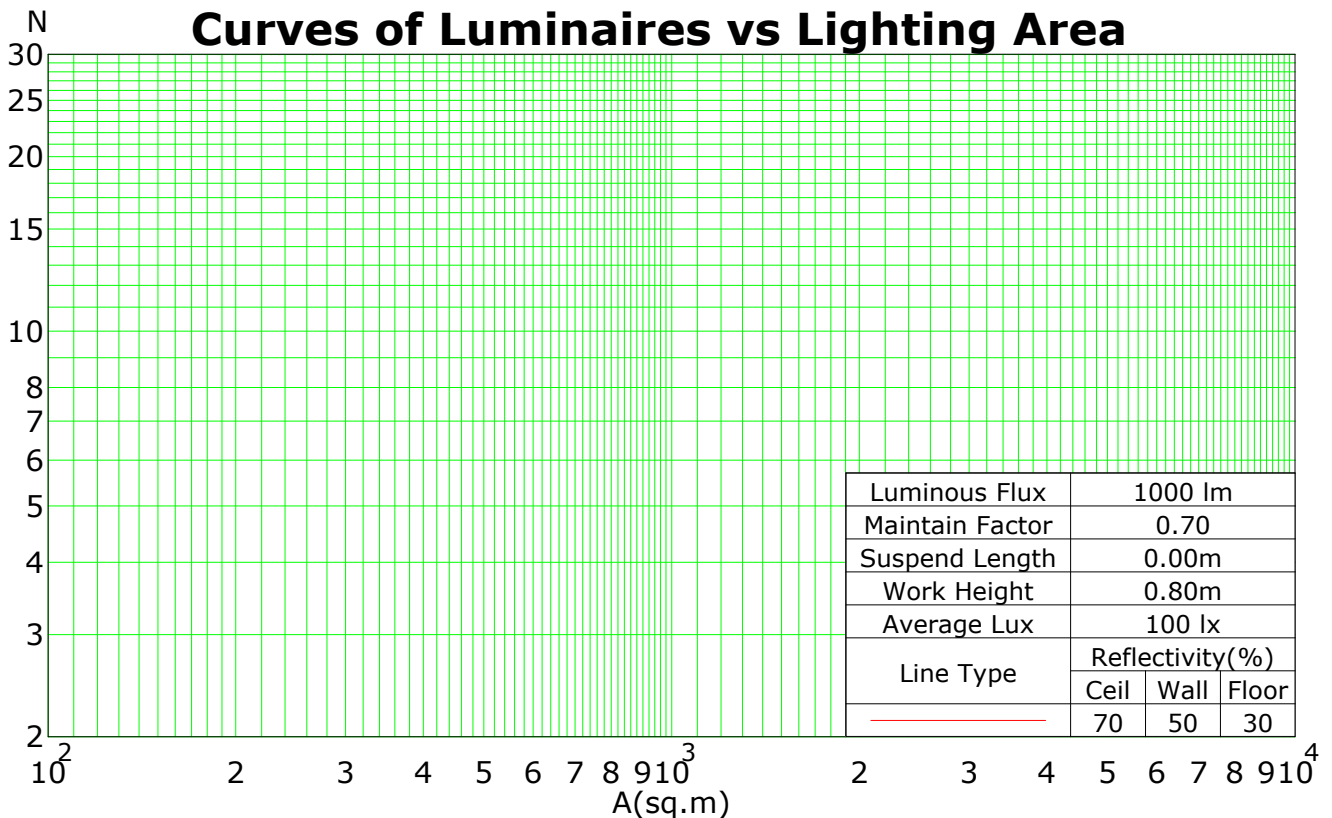
Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

### 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
RCCR	RF = 0.2																	
0	109	109	109	109	101	101	101	101	87	87	87	74	74	74	63	63	63	57
1	94	88	82	77	87	82	76	72	69	65	62	58	55	52	48	45	43	38
2	84	74	66	59	77	69	62	55	58	52	48	48	44	40	39	36	33	28
3	76	64	55	48	70	59	51	44	50	43	38	41	36	32	34	30	26	22
4	69	56	46	39	63	52	43	36	44	37	31	36	31	26	29	25	22	18
5	63	49	40	33	58	46	37	31	39	32	26	32	27	22	26	22	18	15
6	58	44	35	28	53	41	32	26	34	28	23	29	23	19	23	19	16	13
7	53	39	30	24	49	36	28	23	31	24	19	26	21	16	21	17	14	11
8	49	36	27	21	45	33	25	20	28	22	17	24	18	14	19	15	12	9
9	46	32	24	19	42	30	23	17	26	19	15	22	17	13	18	14	11	8
10	43	30	22	16	39	28	20	15	24	18	13	20	15	11	17	12	9	7

Spacing Criteria (0-180): 1.64  
 Spacing Criteria (90-270): 1.39  
 Spacing Criteria (Diagonal): 1.68

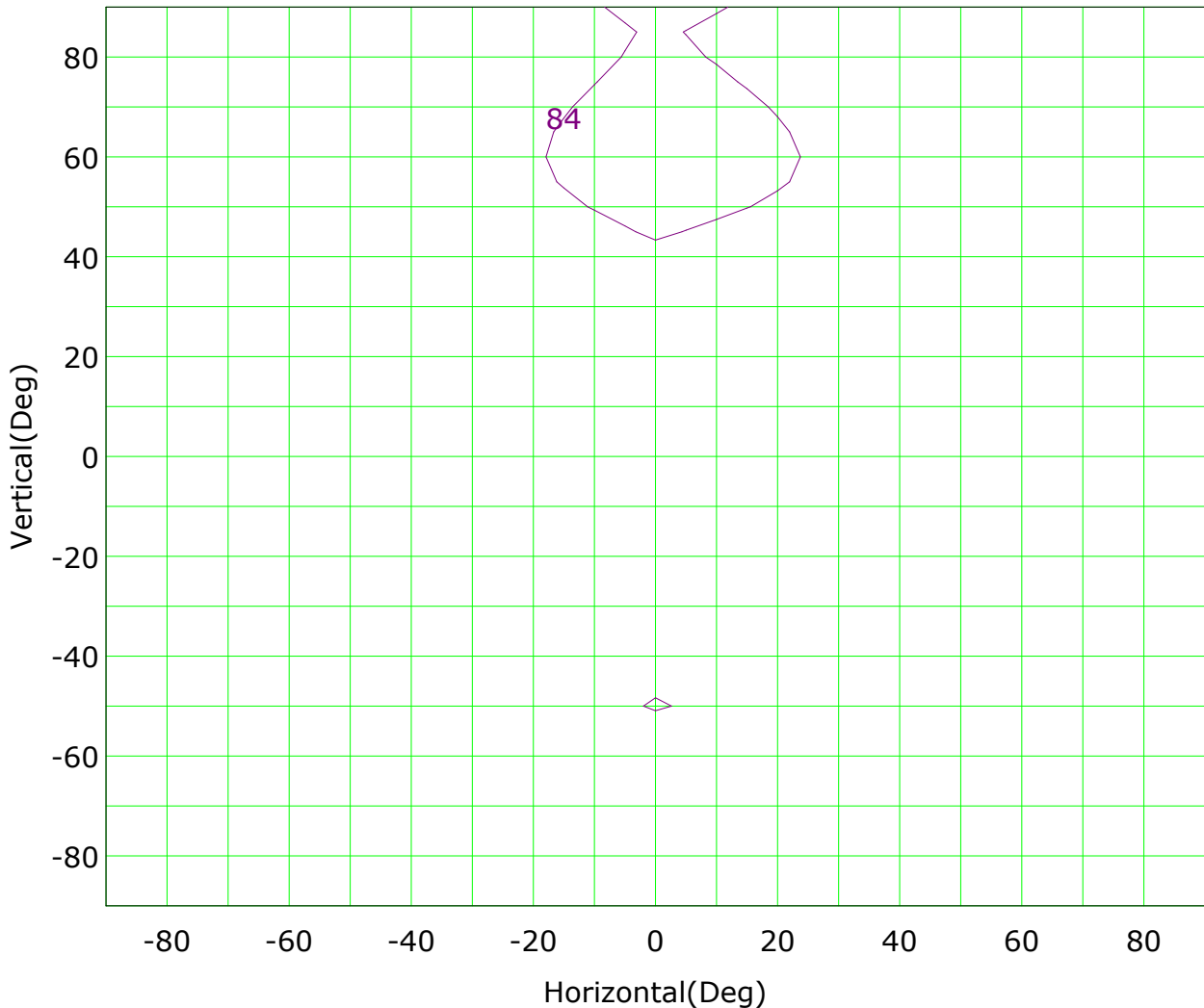
### Curves of Luminaires vs Lighting Area



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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

## Isocandela (rectangle)



Imax (100%): 134 cd

— ( 10%):	13 cd	— ( 16%):	21 cd
— ( 25%):	34 cd	— ( 40%):	54 cd
— ( 63%):	84 cd	— (100%):	134 cd

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

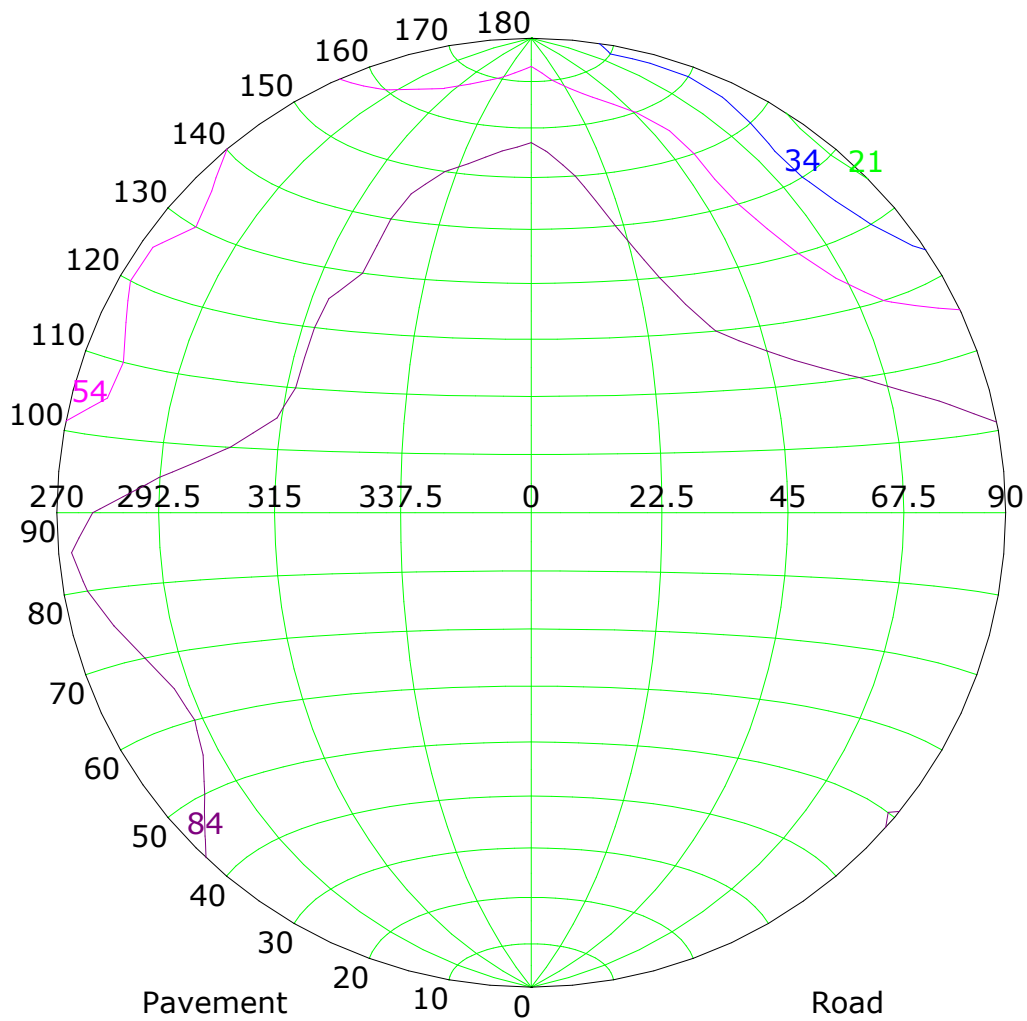
Test Device: GPM-1600

Distance: 6.500 m

Humidity:

Inspector:

## Isocandela (sphere)



Imax (100%): 134 cd

— ( 10%):	13 cd	— ( 16%):	21 cd
— ( 25%):	34 cd	— ( 40%):	54 cd
— ( 63%):	84 cd	— (100%):	134 cd

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

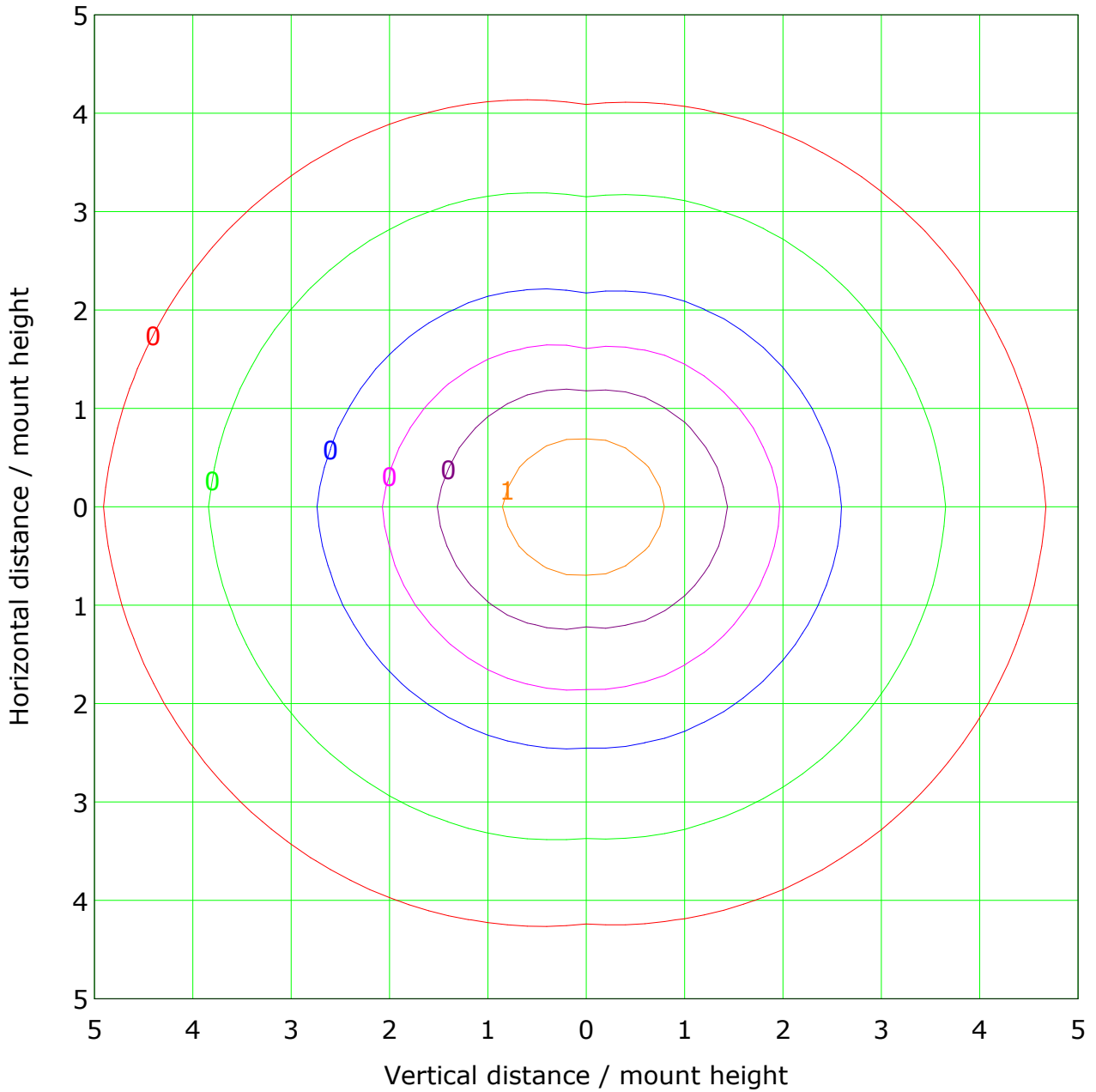
Test Device: GPM-1600

Distance: 6.500 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 1.1 lx  
 ( 1%): 0.0 lx                      ( 2%): 0.0 lx  
 ( 5%): 0.1 lx                      ( 10%): 0.1 lx  
 ( 20%): 0.2 lx                     ( 50%): 0.5 lx  
 (100%): 1.1 lx

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600

Distance: 6.500 m

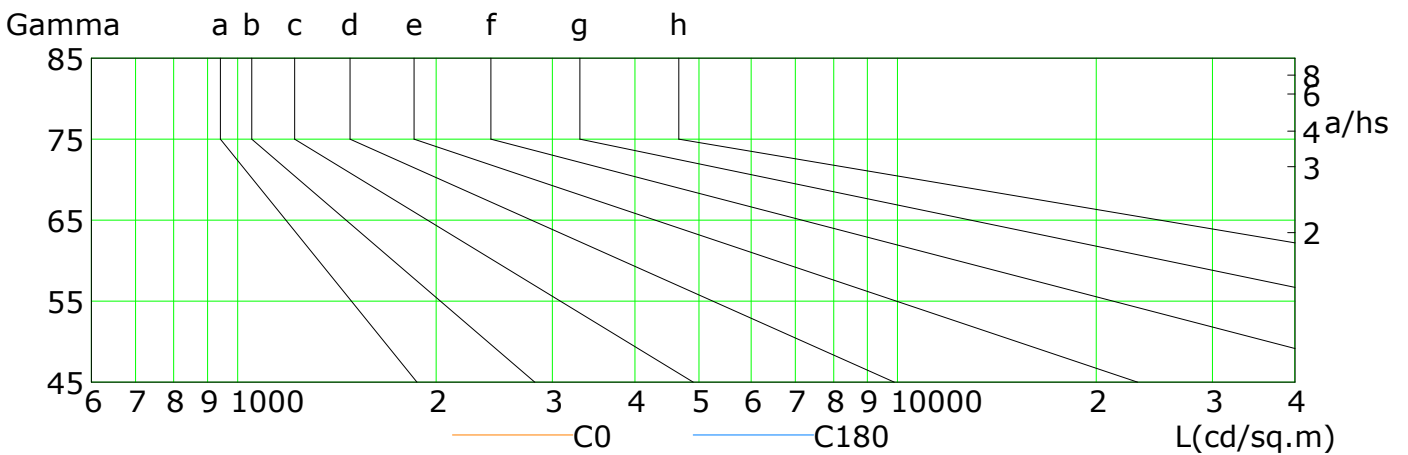
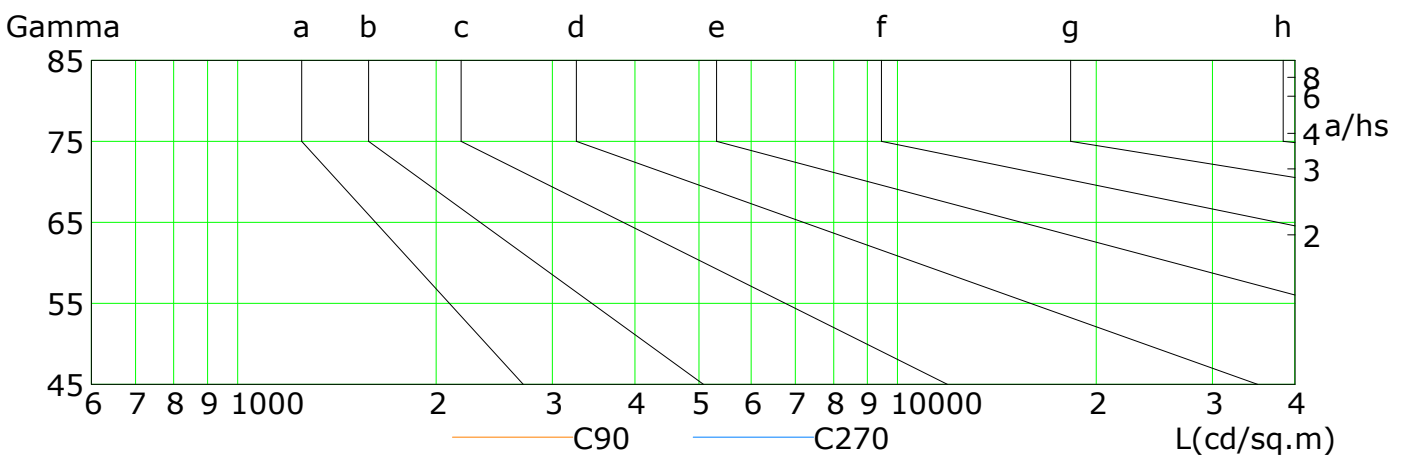
Humidity:

Inspector:

## Lum Limit Curve

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

a b c d e f g h



L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	122	124	125	127	129	131	133	134	134
C90	87	83	89	98	100	97	90	85	88
C180	112	113	114	114	114	115	116	116	117
C270	83	78	74	72	72	75	78	81	83

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600

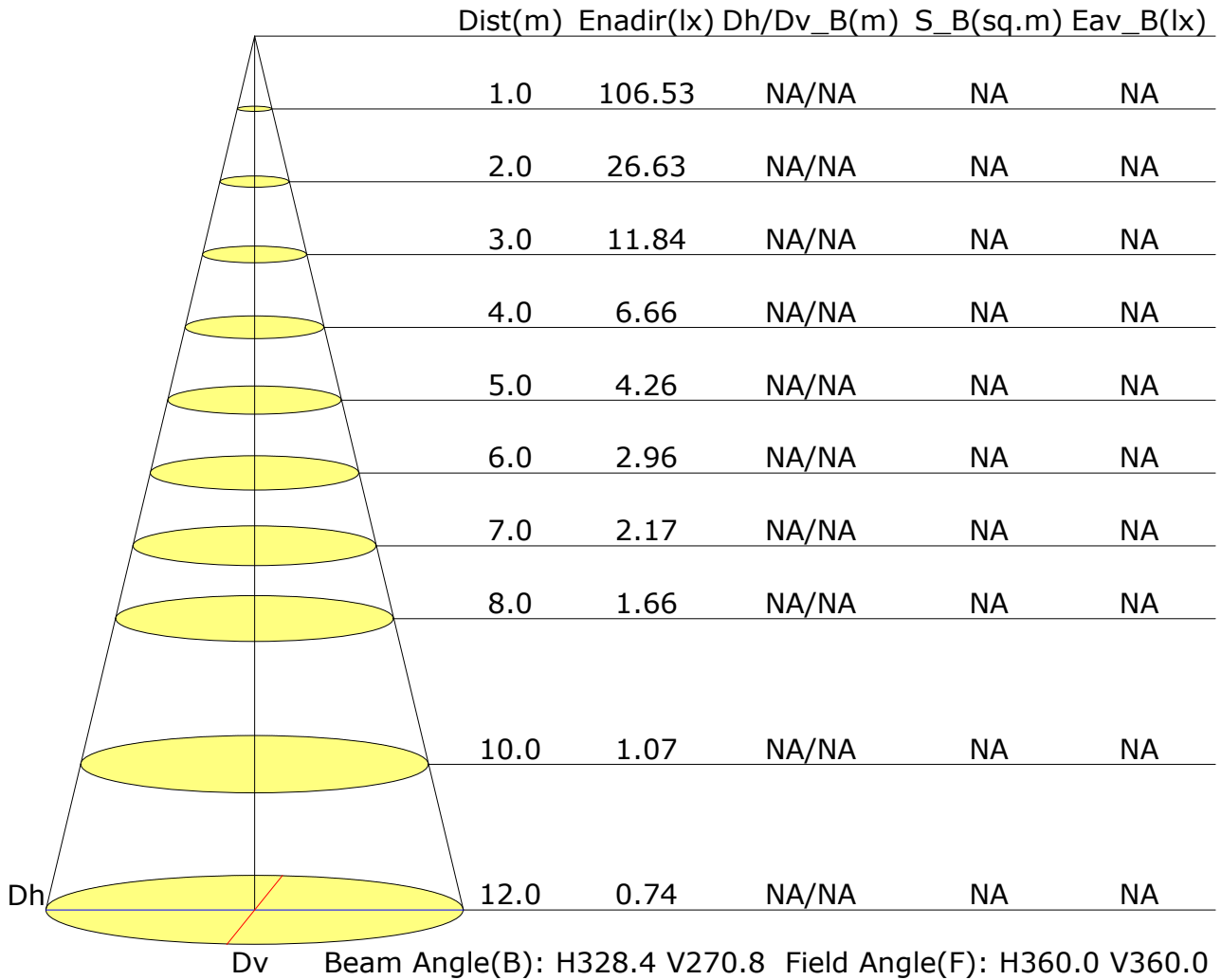
Distance: 6.500 m

Humidity:

Inspector:



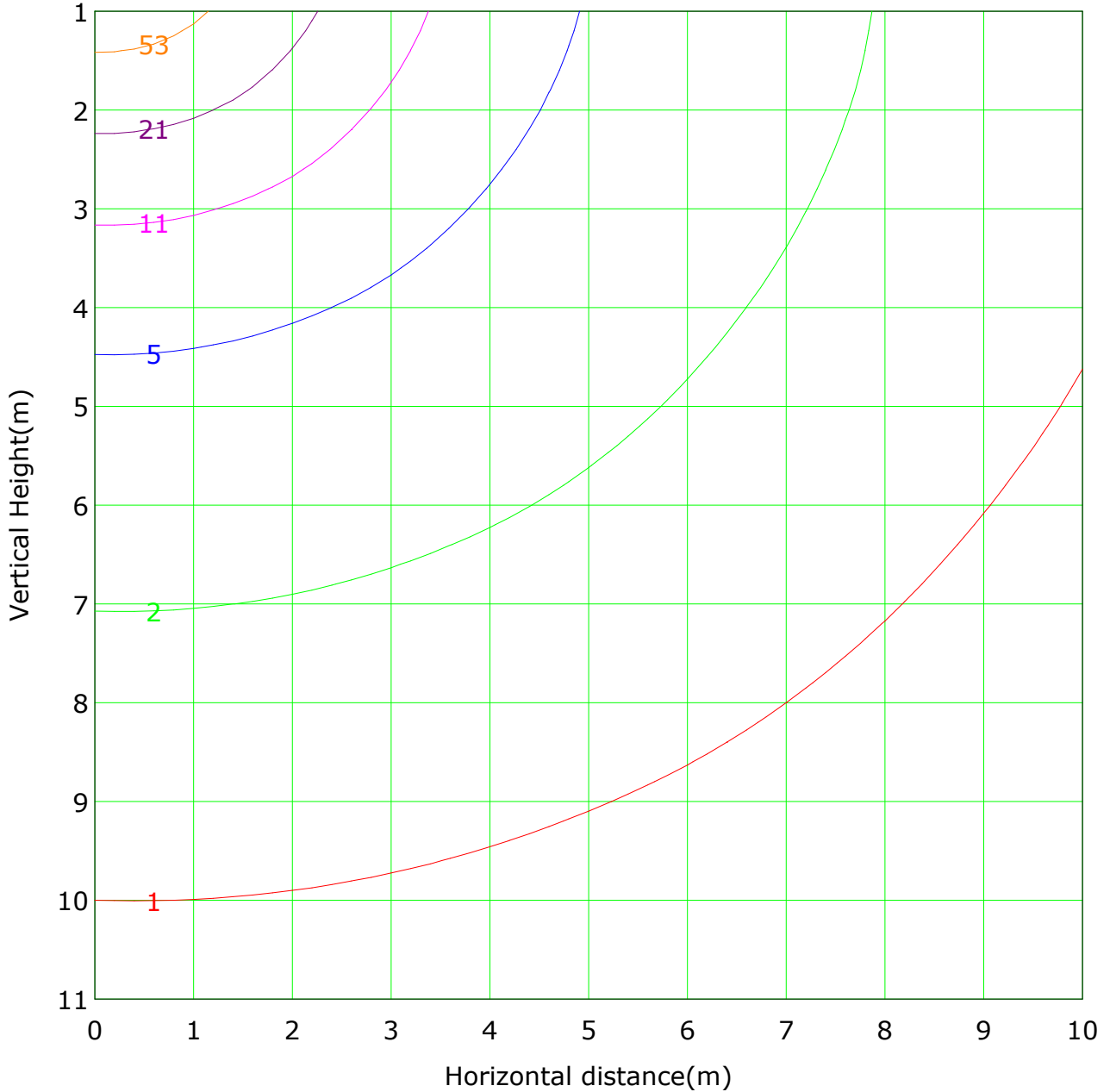
## Illuminance at a Distance



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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

## Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 11.0m	Max Lux: 106.5 lx
— ( 1%): 1.1 lx	— ( 2%): 2.1 lx	
— ( 5%): 5.3 lx	— ( 10%): 10.7 lx	
— ( 20%): 21.3 lx	— ( 50%): 53.3 lx	
— (100%): 106.5 lx		

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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

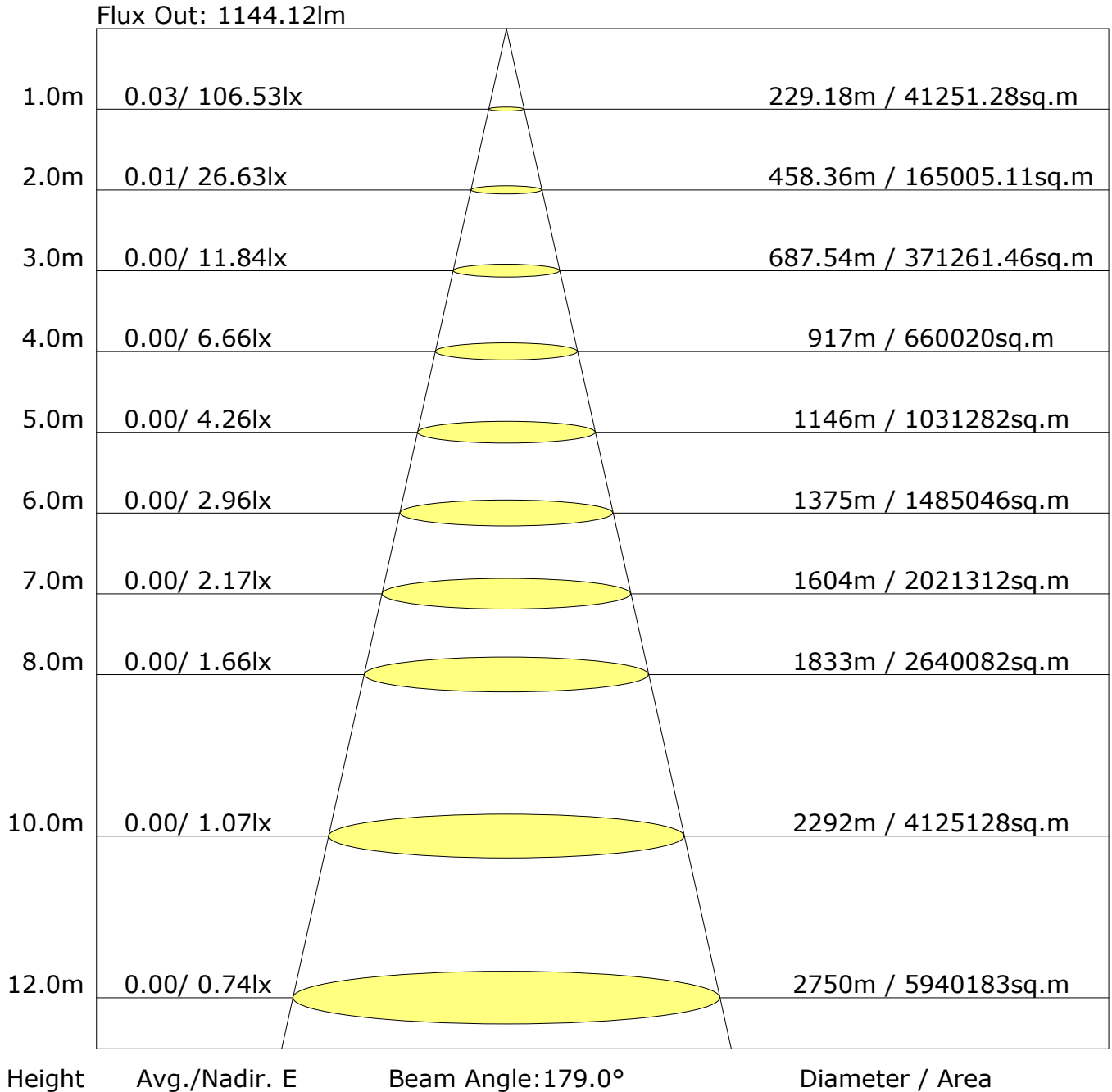
## Area Flux Table

		Vertical plane																								
		Unit: lm																								
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(E)	Flux(T)				
Horizontal plane	-90	0.3	0.9	1.4	1.8	2.1	2.4	2.5	2.6	2.5	2.6	2.5	2.4	2.5	2.6	2.7	2.7	2.7	2.5	2.3	2.0	1.5	1.0	0.3	34.1	34.1
	-80	0.3	0.9	1.4	1.8	2.1	2.4	2.5	2.5	2.4	2.5	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.5	2.3	2.0	1.5	1.0	0.3	33.6	33.6
	-70	0.3	0.9	1.4	1.8	2.1	2.3	2.4	2.4	2.4	2.3	2.5	2.5	2.3	2.5	2.5	2.5	2.5	2.5	2.3	2.0	1.5	1.0	0.3	32.6	32.6
	-60	0.3	0.9	1.4	1.8	2.1	2.3	2.4	2.4	2.4	2.3	2.4	2.3	2.3	2.5	2.5	2.5	2.4	2.3	2.3	2.0	1.5	1.0	0.3	32.6	32.6
	-50	0.3	0.9	1.4	1.8	2.1	2.3	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.7	2.6	2.6	2.6	2.5	2.3	2.0	1.5	1.0	0.3	33.9	33.9
	-40	0.3	0.9	1.4	1.8	2.2	2.4	2.7	2.8	2.8	2.9	2.9	2.9	2.9	2.9	2.8	2.8	2.8	2.6	2.3	2.0	1.6	1.0	0.3	35.8	35.8
	-30	0.3	0.9	1.4	1.9	2.2	2.6	2.8	3.0	3.0	3.1	3.1	3.1	3.1	3.1	2.9	2.8	2.8	2.6	2.3	2.0	1.6	1.0	0.4	37.4	37.4
	-20	0.3	0.9	1.4	1.9	2.3	2.7	2.9	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.0	2.8	2.8	2.6	2.4	2.0	1.6	1.0	0.4	38.4	38.4
	-10	0.3	0.9	1.5	2.0	2.4	2.7	3.0	3.1	3.2	3.2	3.2	3.2	3.2	3.1	2.9	2.8	2.8	2.6	2.5	2.1	1.6	1.0	0.4	39.1	39.1
	0	0.3	0.9	1.5	2.0	2.4	2.7	3.0	3.2	3.2	3.2	3.2	3.2	3.2	3.1	2.9	2.8	2.8	2.6	2.6	2.2	1.7	1.0	0.4	39.3	39.3
	10	0.3	0.9	1.5	2.0	2.4	2.7	3.0	3.2	3.2	3.3	3.3	3.3	3.2	3.1	2.9	2.8	2.8	2.6	2.5	2.1	1.6	1.0	0.4	39.0	39.0
	20	0.3	0.9	1.5	2.0	2.3	2.7	2.9	3.1	3.2	3.3	3.3	3.2	3.2	3.1	2.9	2.8	2.8	2.6	2.4	2.1	1.6	1.0	0.4	38.1	38.1
	30	0.3	0.9	1.4	1.9	2.3	2.6	2.8	3.1	3.2	3.2	3.2	3.2	3.1	3.0	2.8	2.7	2.7	2.6	2.4	2.1	1.6	1.0	0.4	36.7	36.7
	40	0.3	0.9	1.4	1.9	2.3	2.5	2.7	2.9	2.9	2.9	2.9	2.9	2.9	2.8	2.7	2.7	2.7	2.6	2.4	2.1	1.6	1.0	0.3	35.8	35.8
	50	0.3	0.9	1.4	1.9	2.3	2.5	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.5	2.5	2.1	1.6	1.0	0.3	36.8	36.8
	60	0.3	0.9	1.4	1.9	2.3	2.6	2.8	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	2.8	2.5	2.0	1.6	1.0	0.3	37.5	37.5
	70	0.3	0.9	1.4	1.8	2.2	2.5	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.6	2.4	2.0	1.6	1.0	0.3	35.7	35.7
	80	0.3	0.9	1.4	1.8	2.2	2.5	2.7	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.6	2.4	2.0	1.6	1.0	0.3	35.6	35.6
90	0.3	0.9	1.4	1.9	2.2	2.5	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.6	2.4	2.0	1.6	1.0	0.3	35.6	35.6	
	5.5	16.0	25.4	33.6	40.2	45.2	48.7	50.7	51.0	51.5	52.0	50.9	48.0	43.4	37.0	28.5	18.1	6.3							652	652

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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

## The Average Illuminance Effective Figure



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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

## UGR Table

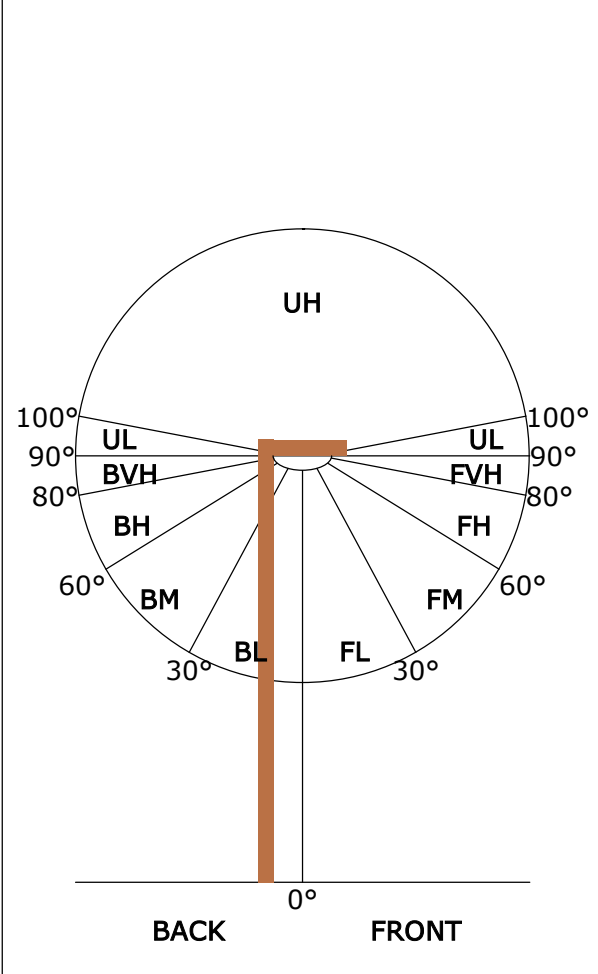
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$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

Calculate in accordance with CIE Pub.117. The table is revised with  $1144lm$  ( $8\log(F/F_0) = 0.5$ ).

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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

**FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM**

	ZONE	LUMENS	% LAMP LUMENS
	FORWARD LIGHT	334	29.2
	FL ( 0°-30°)	45	4.0
	FM (30°-60°)	119	10.4
	FH (60°-80°)	112	9.8
	FVH (80°-90°)	58	5.1
	BACK LIGHT	318	27.8
	BL ( 0°-30°)	45	3.9
	BM (30°-60°)	115	10.0
	BH (60°-80°)	102	8.9
	BVH (80°-90°)	57	4.9
	UP LIGHT	492	43.0
	UL (90°-100°)	110	9.7
	UH (100°-180°)	382	33.4
	TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U3 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 U3 G1

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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:



## Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.75									
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	NA	0.48	0.54	0.59	0.66	0.70	0.74	0.79	0.82	
	0.30		NA	0.40	0.46	0.51	0.58	0.64	0.68	0.73	0.77	
	0.20		NA	0.33	0.40	0.44	0.52	0.58	0.62	0.68	0.73	
0.50	0.50	0.20	NA	0.41	0.46	0.50	0.56	0.60	0.63	0.67	0.70	
	0.30		NA	0.34	0.40	0.44	0.50	0.54	0.58	0.63	0.66	
	0.20		NA	0.30	0.34	0.39	0.45	0.50	0.54	0.59	0.63	
0.30	0.50	0.20	NA	0.34	0.39	0.42	0.47	0.50	0.53	0.56	0.59	
	0.30		NA	0.29	0.34	0.37	0.42	0.46	0.49	0.53	0.56	
	0.20		NA	0.25	0.29	0.33	0.38	0.42	0.45	0.50	0.53	
0.00	0.00	0.00	NA	0.18	0.21	0.24	0.28	0.31	0.33	0.37	0.39	
<p>Rating:18W 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 = 1.75									
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	NA	0.88	0.77	0.69	0.58	0.50	0.44	0.36	0.30	
	0.30		NA	0.75	0.67	0.61	0.52	0.46	0.41	0.34	0.29	
	0.20		NA	0.66	0.60	0.55	0.48	0.42	0.38	0.32	0.28	
0.50	0.50	0.20	NA	0.77	0.68	0.61	0.51	0.46	0.39	0.32	0.27	
	0.30		NA	0.67	0.60	0.55	0.47	0.41	0.37	0.30	0.26	
	0.20		NA	0.59	0.54	0.50	0.43	0.38	0.35	0.29	0.25	
0.30	0.50	0.20	NA	0.67	0.59	0.54	0.45	0.39	0.35	0.29	0.25	
	0.30		NA	0.59	0.53	0.49	0.42	0.37	0.33	0.27	0.24	
	0.20		NA	0.53	0.48	0.44	0.39	0.34	0.31	0.26	0.23	
0.00	0.00	0.00	0.57	0.39	0.36	0.33	0.29	0.26	0.24	0.20	0.18	
<p>Rating:18W 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 = 1.75									
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	NA	0.60	0.61	0.61	0.62	0.62	0.63	0.63	0.63	
	0.30		NA	0.53	0.54	0.55	0.56	0.57	0.58	0.59	0.60	
	0.20		NA	0.48	0.49	0.50	0.51	0.53	0.54	0.55	0.56	
0.50	0.50	0.20	NA	0.58	0.58	0.59	0.60	0.60	0.60	0.60	0.61	
	0.30		NA	0.52	0.53	0.53	0.54	0.55	0.56	0.57	0.57	
	0.20		NA	0.47	0.48	0.49	0.50	0.51	0.52	0.54	0.54	
0.30	0.50	0.20	NA	0.56	0.56	0.57	0.57	0.58	0.58	0.58	0.58	
	0.30		NA	0.51	0.51	0.52	0.53	0.54	0.54	0.55	0.55	
	0.20		NA	0.47	0.47	0.48	0.49	0.50	0.51	0.52	0.53	
0.00	0.00	0.00	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	0.43	
<p>Rating:18W Photometrically tested without ceiling board.            Multiply UF values by service correction factors            Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p>												

## Zonal Lumen

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	105.6	0.1	0.1	0.01	0.01
1.0-2.0	105.6	0.3	0.4	0.03	0.04
2.0-3.0	105.6	0.5	0.9	0.04	0.08
3.0-4.0	105.7	0.7	1.6	0.06	0.14
4.0-5.0	105.7	0.9	2.5	0.08	0.22
5.0-6.0	105.8	1.1	3.6	0.10	0.32
6.0-7.0	105.9	1.3	5.0	0.11	0.43
7.0-8.0	106.0	1.5	6.5	0.13	0.57
8.0-9.0	106.1	1.7	8.2	0.15	0.72
9.0-10.0	106.2	1.9	10.1	0.17	0.88
10.0-11.0	106.3	2.1	12.2	0.19	1.07
11.0-12.0	106.4	2.3	14.6	0.20	1.27
12.0-13.0	106.6	2.5	17.1	0.22	1.49
13.0-14.0	106.7	2.7	19.8	0.24	1.73
14.0-15.0	106.8	2.9	22.8	0.26	1.99
15.0-16.0	107.0	3.1	25.9	0.27	2.26
16.0-17.0	107.1	3.3	29.2	0.29	2.55
17.0-18.0	107.2	3.5	32.8	0.31	2.86
18.0-19.0	107.3	3.7	36.5	0.33	3.19
19.0-20.0	107.4	3.9	40.4	0.34	3.53
20.0-21.0	107.4	4.1	44.6	0.36	3.89
21.0-22.0	107.4	4.3	48.9	0.38	4.27
22.0-23.0	107.4	4.5	53.4	0.39	4.67
23.0-24.0	107.3	4.7	58.1	0.41	5.08
24.0-25.0	107.2	4.9	62.9	0.43	5.50
25.0-26.0	107.0	5.1	68.0	0.44	5.94
26.0-27.0	106.8	5.2	73.2	0.46	6.40
27.0-28.0	106.6	5.4	78.6	0.47	6.87
28.0-29.0	106.3	5.6	84.2	0.49	7.36
29.0-30.0	106.0	5.7	89.9	0.50	7.86
30.0-31.0	105.7	5.9	95.8	0.51	8.37
31.0-32.0	105.3	6.0	101.8	0.53	8.90
32.0-33.0	105.0	6.2	108.0	0.54	9.44
33.0-34.0	104.7	6.3	114.3	0.55	9.99
34.0-35.0	104.3	6.5	120.8	0.57	10.56
35.0-36.0	104.0	6.6	127.4	0.58	11.14

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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 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 [%]
36.0-37.0	103.7	6.8	134.2	0.59	11.73
37.0-38.0	103.4	6.9	141.1	0.60	12.33
38.0-39.0	103.0	7.0	148.1	0.61	12.95
39.0-40.0	102.7	7.2	155.3	0.63	13.57
40.0-41.0	102.4	7.3	162.6	0.64	14.21
41.0-42.0	102.0	7.4	170.0	0.65	14.86
42.0-43.0	101.7	7.5	177.5	0.66	15.52
43.0-44.0	101.4	7.7	185.2	0.67	16.19
44.0-45.0	101.0	7.8	193.0	0.68	16.87
45.0-46.0	100.7	7.9	200.8	0.69	17.55
46.0-47.0	100.4	8.0	208.8	0.70	18.25
47.0-48.0	100.1	8.1	216.9	0.71	18.96
48.0-49.0	99.8	8.2	225.1	0.72	19.68
49.0-50.0	99.5	8.3	233.4	0.73	20.40
50.0-51.0	99.3	8.4	241.8	0.73	21.14
51.0-52.0	99.4	8.5	250.3	0.75	21.88
52.0-53.0	99.6	8.7	259.0	0.76	22.64
53.0-54.0	99.9	8.8	267.8	0.77	23.41
54.0-55.0	100.3	9.0	276.8	0.78	24.19
55.0-56.0	100.7	9.1	285.9	0.80	24.99
56.0-57.0	101.1	9.2	295.1	0.81	25.79
57.0-58.0	101.6	9.4	304.5	0.82	26.62
58.0-59.0	102.0	9.5	314.1	0.83	27.45
59.0-60.0	102.5	9.7	323.7	0.85	28.30
60.0-61.0	103.0	9.8	333.6	0.86	29.16
61.0-62.0	103.3	10.0	343.5	0.87	30.02
62.0-63.0	103.5	10.1	353.6	0.88	30.90
63.0-64.0	103.7	10.2	363.8	0.89	31.79
64.0-65.0	103.9	10.3	374.0	0.90	32.69
65.0-66.0	104.1	10.4	384.4	0.91	33.60
66.0-67.0	104.2	10.5	394.9	0.92	34.52
67.0-68.0	104.4	10.6	405.5	0.92	35.44
68.0-69.0	104.5	10.7	416.1	0.93	36.37
69.0-70.0	104.5	10.7	426.9	0.94	37.31
70.0-71.0	104.6	10.8	437.7	0.94	38.26
71.0-72.0	104.6	10.9	448.6	0.95	39.21

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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 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 [%]
72.0-73.0	104.5	10.9	459.5	0.96	40.16
73.0-74.0	104.4	11.0	470.5	0.96	41.12
74.0-75.0	104.4	11.0	481.5	0.96	42.09
75.0-76.0	104.3	11.1	492.6	0.97	43.05
76.0-77.0	104.2	11.1	503.7	0.97	44.02
77.0-78.0	104.1	11.1	514.8	0.97	45.00
78.0-79.0	104.1	11.2	526.0	0.98	45.98
79.0-80.0	104.1	11.2	537.3	0.98	46.96
80.0-81.0	104.2	11.3	548.5	0.99	47.94
81.0-82.0	104.5	11.3	559.9	0.99	48.93
82.0-83.0	104.8	11.4	571.2	1.00	49.93
83.0-84.0	105.1	11.4	582.7	1.00	50.93
84.0-85.0	105.3	11.5	594.2	1.01	51.93
85.0-86.0	105.6	11.5	605.7	1.01	52.94
86.0-87.0	105.8	11.6	617.3	1.01	53.96
87.0-88.0	105.7	11.6	628.9	1.01	54.97
88.0-89.0	105.5	11.6	640.5	1.01	55.98
89.0-90.0	105.2	11.5	652.0	1.01	56.99
90.0-91.0	104.7	11.5	663.5	1.00	57.99
91.0-92.0	104.2	11.4	674.9	1.00	58.99
92.0-93.0	103.6	11.3	686.3	0.99	59.98
93.0-94.0	102.9	11.3	697.5	0.98	60.97
94.0-95.0	102.2	11.2	708.7	0.98	61.94
95.0-96.0	101.3	11.1	719.7	0.97	62.91
96.0-97.0	100.2	10.9	730.7	0.95	63.86
97.0-98.0	99.0	10.8	741.4	0.94	64.80
98.0-99.0	97.8	10.6	752.0	0.93	65.73
99.0-100.0	96.7	10.5	762.5	0.91	66.64
100.0-101.0	95.5	10.3	772.8	0.90	67.54
101.0-102.0	94.2	10.1	782.9	0.88	68.43
102.0-103.0	92.9	9.9	792.9	0.87	69.30
103.0-104.0	91.8	9.8	802.6	0.86	70.15
104.0-105.0	90.8	9.6	812.3	0.84	71.00
105.0-106.0	89.8	9.5	821.8	0.83	71.83
106.0-107.0	88.8	9.3	831.1	0.82	72.64
107.0-108.0	87.9	9.2	840.3	0.80	73.45

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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 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 [%]
108.0-109.0	87.1	9.1	849.4	0.79	74.24
109.0-110.0	86.4	8.9	858.3	0.78	75.02
110.0-111.0	85.7	8.8	867.1	0.77	75.79
111.0-112.0	84.9	8.7	875.8	0.76	76.54
112.0-113.0	84.1	8.5	884.3	0.74	77.29
113.0-114.0	83.3	8.4	892.7	0.73	78.02
114.0-115.0	82.3	8.2	900.9	0.72	78.74
115.0-116.0	81.2	8.0	908.9	0.70	79.44
116.0-117.0	80.0	7.8	916.8	0.69	80.13
117.0-118.0	79.0	7.7	924.4	0.67	80.80
118.0-119.0	78.2	7.5	932.0	0.66	81.46
119.0-120.0	77.6	7.4	939.4	0.65	82.10
120.0-121.0	77.0	7.3	946.6	0.64	82.74
121.0-122.0	76.3	7.1	953.8	0.62	83.36
122.0-123.0	75.7	7.0	960.8	0.61	83.98
123.0-124.0	75.1	6.9	967.6	0.60	84.58
124.0-125.0	74.3	6.7	974.4	0.59	85.16
125.0-126.0	73.6	6.6	980.9	0.57	85.74
126.0-127.0	72.7	6.4	987.3	0.56	86.30
127.0-128.0	71.9	6.3	993.6	0.55	86.84
128.0-129.0	71.1	6.1	999.7	0.53	87.38
129.0-130.0	70.3	6.0	1005.6	0.52	87.90
130.0-131.0	69.7	5.8	1011.5	0.51	88.41
131.0-132.0	69.3	5.7	1017.2	0.50	88.90
132.0-133.0	68.9	5.6	1022.7	0.49	89.39
133.0-134.0	68.6	5.5	1028.2	0.48	89.87
134.0-135.0	68.2	5.3	1033.5	0.47	90.33
135.0-136.0	67.7	5.2	1038.7	0.45	90.79
136.0-137.0	67.1	5.1	1043.8	0.44	91.23
137.0-138.0	66.5	4.9	1048.7	0.43	91.66
138.0-139.0	65.9	4.8	1053.5	0.42	92.08
139.0-140.0	65.2	4.6	1058.1	0.41	92.49
140.0-141.0	64.5	4.5	1062.6	0.39	92.88
141.0-142.0	63.9	4.4	1067.0	0.38	93.26
142.0-143.0	63.3	4.2	1071.2	0.37	93.63
143.0-144.0	62.7	4.1	1075.3	0.36	93.99

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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 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 [%]
144.0-145.0	62.4	4.0	1079.3	0.35	94.33
145.0-146.0	62.4	3.9	1083.2	0.34	94.67
146.0-147.0	62.3	3.8	1086.9	0.33	95.00
147.0-148.0	62.3	3.7	1090.6	0.32	95.32
148.0-149.0	62.3	3.6	1094.2	0.31	95.64
149.0-150.0	62.1	3.5	1097.6	0.30	95.94
150.0-151.0	61.8	3.3	1101.0	0.29	96.23
151.0-152.0	61.5	3.2	1104.2	0.28	96.51
152.0-153.0	61.1	3.1	1107.3	0.27	96.78
153.0-154.0	60.7	3.0	1110.3	0.26	97.04
154.0-155.0	60.2	2.8	1113.1	0.25	97.29
155.0-156.0	59.6	2.7	1115.8	0.24	97.53
156.0-157.0	59.1	2.6	1118.4	0.23	97.75
157.0-158.0	58.4	2.5	1120.8	0.21	97.97
158.0-159.0	57.7	2.3	1123.2	0.20	98.17
159.0-160.0	56.8	2.2	1125.3	0.19	98.36
160.0-161.0	55.9	2.0	1127.4	0.18	98.54
161.0-162.0	54.8	1.9	1129.3	0.17	98.70
162.0-163.0	53.6	1.8	1131.1	0.15	98.86
163.0-164.0	52.4	1.6	1132.7	0.14	99.00
164.0-165.0	51.2	1.5	1134.2	0.13	99.13
165.0-166.0	50.0	1.4	1135.6	0.12	99.25
166.0-167.0	48.8	1.3	1136.8	0.11	99.36
167.0-168.0	47.7	1.1	1137.9	0.10	99.46
168.0-169.0	46.7	1.0	1139.0	0.09	99.55
169.0-170.0	45.6	0.9	1139.9	0.08	99.63
170.0-171.0	44.7	0.8	1140.7	0.07	99.70
171.0-172.0	44.0	0.7	1141.4	0.06	99.76
172.0-173.0	43.7	0.6	1142.0	0.05	99.82
173.0-174.0	43.8	0.5	1142.6	0.05	99.86
174.0-175.0	44.2	0.5	1143.0	0.04	99.91
175.0-176.0	44.9	0.4	1143.4	0.03	99.94
176.0-177.0	45.5	0.3	1143.7	0.03	99.97
177.0-178.0	45.7	0.2	1143.9	0.02	99.98
178.0-179.0	45.4	0.1	1144.1	0.01	100.00
179.0-180.0	45.3	0.0	1144.1	0.00	100.00

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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

## Candlepower Table

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G0.0	106.5	104.6	106.5	104.6	106.5					
G1.0	106.7	104.8	106.4	104.4	106.7					
G2.0	106.8	105.0	106.3	104.3	106.8					
G3.0	107.0	105.2	106.3	104.1	107.0					
G4.0	107.1	105.5	106.3	103.9	107.1					
G5.0	107.3	105.7	106.2	103.8	107.3					
G6.0	107.5	106.0	106.2	103.7	107.5					
G7.0	107.7	106.3	106.2	103.6	107.7					
G8.0	107.9	106.5	106.3	103.4	107.9					
G9.0	108.1	106.8	106.3	103.3	108.1					
G10.0	108.3	107.1	106.4	103.2	108.3					
G11.0	108.6	107.3	106.4	103.2	108.6					
G12.0	108.8	107.6	106.5	103.1	108.8					
G13.0	109.1	107.8	106.6	103.0	109.1					
G14.0	109.4	108.1	106.7	102.9	109.4					
G15.0	109.7	108.4	106.8	102.8	109.7					
G16.0	110.0	108.6	106.9	102.8	110.0					
G17.0	110.3	108.7	107.1	102.7	110.3					
G18.0	110.6	108.6	107.2	102.7	110.6					
G19.0	111.0	108.4	107.4	102.6	111.0					
G20.0	111.3	108.1	107.6	102.6	111.3					
G21.0	111.7	107.7	107.7	102.6	111.7					
G22.0	112.0	107.1	107.8	102.6	112.0					
G23.0	112.4	106.5	107.9	102.6	112.4					
G24.0	112.8	105.7	108.0	102.5	112.8					
G25.0	113.2	104.9	108.2	102.2	113.2					
G26.0	113.6	104.0	108.3	101.8	113.6					
G27.0	114.0	103.1	108.5	101.2	114.0					
G28.0	114.5	102.1	108.7	100.5	114.5					
G29.0	114.9	101.1	108.9	99.8	114.9					
G30.0	115.4	100.0	109.1	98.8	115.4					
G31.0	115.9	98.9	109.3	97.9	115.9					
G32.0	116.3	97.8	109.5	96.9	116.3					
G33.0	116.8	96.8	109.8	95.9	116.8					
G34.0	117.3	95.9	110.1	94.8	117.3					
G35.0	117.8	94.9	110.3	93.7	117.8					
G36.0	118.3	94.0	110.5	92.6	118.3					

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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:



## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G37.0	118.7	93.2	110.7	91.5	118.7					
G38.0	119.1	92.3	111.0	90.4	119.1					
G39.0	119.6	91.5	111.2	89.2	119.6					
G40.0	119.9	90.7	111.4	88.1	119.9					
G41.0	120.3	89.9	111.6	86.9	120.3					
G42.0	120.7	89.1	111.8	85.8	120.7					
G43.0	121.1	88.3	111.9	84.8	121.1					
G44.0	121.5	87.5	112.1	83.7	121.5					
G45.0	121.8	86.8	112.3	82.6	121.8					
G46.0	122.2	86.0	112.4	81.5	122.2					
G47.0	122.6	85.3	112.6	80.5	122.6					
G48.0	122.9	84.5	112.7	79.6	122.9					
G49.0	123.3	83.8	112.9	78.6	123.3					
G50.0	123.6	83.3	113.0	77.7	123.6					
G51.0	124.0	83.3	113.1	76.8	124.0					
G52.0	124.3	84.3	113.2	76.0	124.3					
G53.0	124.7	85.8	113.3	75.2	124.7					
G54.0	125.0	87.5	113.4	74.4	125.0					
G55.0	125.4	89.2	113.5	73.8	125.4					
G56.0	125.7	91.0	113.6	73.3	125.7					
G57.0	126.1	92.9	113.7	72.7	126.1					
G58.0	126.5	94.7	113.7	72.3	126.5					
G59.0	126.9	96.5	113.8	71.9	126.9					
G60.0	127.3	98.2	113.9	71.7	127.3					
G61.0	127.7	99.2	114.0	71.6	127.7					
G62.0	128.1	99.7	114.1	71.7	128.1					
G63.0	128.5	100.0	114.2	71.8	128.5					
G64.0	128.9	100.1	114.3	72.0	128.9					
G65.0	129.3	99.9	114.4	72.4	129.3					
G66.0	129.6	99.6	114.5	72.9	129.6					
G67.0	129.9	99.2	114.7	73.4	129.9					
G68.0	130.3	98.6	114.8	74.0	130.3					
G69.0	130.6	97.9	114.9	74.6	130.6					
G70.0	131.0	97.0	115.1	75.2	131.0					
G71.0	131.3	95.9	115.2	75.8	131.3					
G72.0	131.7	94.7	115.3	76.4	131.7					
G73.0	132.0	93.4	115.5	77.0	132.0					

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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G74.0	132.4	92.0	115.6	77.7	132.4					
G75.0	132.7	90.5	115.8	78.4	132.7					
G76.0	133.0	89.0	115.9	79.0	133.0					
G77.0	133.3	87.6	116.0	79.7	133.3					
G78.0	133.5	86.5	116.2	80.3	133.5					
G79.0	133.7	85.7	116.3	80.7	133.7					
G80.0	133.8	85.3	116.4	81.1	133.8					
G81.0	133.9	85.5	116.5	81.4	133.9					
G82.0	134.0	86.2	116.7	81.6	134.0					
G83.0	134.0	86.9	116.8	81.9	134.0					
G84.0	134.0	87.7	116.8	82.3	134.0					
G85.0	133.9	88.4	116.9	82.7	133.9					
G86.0	133.9	89.0	117.0	83.0	133.9					
G87.0	133.8	89.4	117.1	83.0	133.8					
G88.0	133.6	89.8	117.1	82.3	133.6					
G89.0	133.5	90.0	117.1	81.0	133.5					
G90.0	133.3	90.2	117.1	79.5	133.3					
G91.0	133.0	90.3	117.0	77.6	133.0					
G92.0	132.6	90.4	116.9	75.5	132.6					
G93.0	132.3	90.6	116.8	73.4	132.3					
G94.0	131.8	90.7	116.6	71.3	131.8					
G95.0	131.2	90.7	116.4	69.0	131.2					
G96.0	130.5	90.2	116.1	66.1	130.5					
G97.0	129.8	89.4	115.9	63.3	129.8					
G98.0	129.1	88.5	115.6	60.5	129.1					
G99.0	128.5	87.4	115.3	57.8	128.5					
G100.0	127.7	86.0	114.9	55.7	127.7					
G101.0	127.0	84.5	114.5	53.5	127.0					
G102.0	126.3	82.6	114.1	51.0	126.3					
G103.0	125.5	81.1	113.6	49.2	125.5					
G104.0	124.8	79.7	113.2	47.7	124.8					
G105.0	124.1	78.2	112.7	46.3	124.1					
G106.0	123.4	76.4	112.2	45.2	123.4					
G107.0	122.8	74.6	111.6	44.4	122.8					
G108.0	122.0	72.6	111.1	44.0	122.0					
G109.0	121.3	70.5	110.5	44.5	121.3					
G110.0	120.7	68.2	109.9	45.4	120.7					

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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G111.0	120.0	65.9	109.4	46.0	120.0					
G112.0	119.3	63.5	108.8	46.6	119.3					
G113.0	118.6	61.0	108.2	47.1	118.6					
G114.0	117.9	58.4	107.5	47.7	117.9					
G115.0	117.3	54.6	106.8	48.3	117.3					
G116.0	116.6	50.3	106.2	49.0	116.6					
G117.0	115.9	46.3	105.6	49.7	115.9					
G118.0	115.2	43.7	105.0	50.3	115.2					
G119.0	114.6	41.8	104.4	50.9	114.6					
G120.0	114.0	39.9	103.7	51.4	114.0					
G121.0	113.5	38.2	103.1	51.8	113.5					
G122.0	113.2	36.3	102.5	52.0	113.2					
G123.0	113.1	34.5	102.0	52.0	113.1					
G124.0	112.9	32.8	101.3	51.7	112.9					
G125.0	112.8	31.2	100.8	51.2	112.8					
G126.0	112.2	29.7	100.2	50.4	112.2					
G127.0	111.7	28.4	99.7	49.3	111.7					
G128.0	111.2	27.2	99.2	48.2	111.2					
G129.0	110.7	26.2	98.7	47.1	110.7					
G130.0	110.1	25.3	98.3	46.3	110.1					
G131.0	109.6	24.4	97.7	46.3	109.6					
G132.0	109.1	23.5	97.1	46.6	109.1					
G133.0	108.5	22.7	96.4	47.4	108.5					
G134.0	107.9	22.0	95.6	48.2	107.9					
G135.0	107.3	21.3	94.1	49.1	107.3					
G136.0	106.6	20.6	92.5	50.0	106.6					
G137.0	106.0	20.0	90.6	50.9	106.0					
G138.0	105.2	19.5	88.3	51.7	105.2					
G139.0	104.5	19.1	86.1	52.6	104.5					
G140.0	103.8	18.8	83.4	53.5	103.8					
G141.0	103.0	18.6	80.9	54.4	103.0					
G142.0	102.2	18.5	78.3	55.3	102.2					
G143.0	101.4	18.6	75.8	56.1	101.4					
G144.0	100.6	19.0	73.6	56.8	100.6					
G145.0	99.7	19.5	72.7	57.5	99.7					
G146.0	98.8	20.1	72.5	58.0	98.8					
G147.0	97.8	20.9	72.2	58.4	97.8					

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

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1600  
 Distance: 6.500 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C90.0	C180.0	C270.0	C360.0					
G148.0	96.9	21.7	71.9	58.7	96.9					
G149.0	95.9	22.5	71.5	58.9	95.9					
G150.0	94.8	23.4	70.7	58.8	94.8					
G151.0	93.7	24.2	70.1	58.6	93.7					
G152.0	92.5	25.0	69.6	58.2	92.5					
G153.0	91.1	25.7	69.1	57.6	91.1					
G154.0	89.8	26.4	68.9	56.7	89.8					
G155.0	88.3	27.0	68.9	55.5	88.3					
G156.0	86.8	27.7	69.0	54.0	86.8					
G157.0	85.1	28.3	69.2	52.4	85.1					
G158.0	83.2	28.8	69.5	50.6	83.2					
G159.0	81.0	29.2	70.2	48.8	81.0					
G160.0	78.6	29.4	70.6	47.0	78.6					
G161.0	76.0	29.5	70.4	45.5	76.0					
G162.0	73.8	29.6	69.1	44.3	73.8					
G163.0	71.6	29.7	67.3	43.4	71.6					
G164.0	69.6	29.8	65.0	42.8	69.6					
G165.0	67.6	29.8	62.5	42.5	67.6					
G166.0	65.7	29.9	59.9	42.1	65.7					
G167.0	63.8	29.9	57.7	41.8	63.8					
G168.0	61.9	29.9	55.5	41.4	61.9					
G169.0	60.3	29.8	53.4	41.0	60.3					
G170.0	58.8	29.6	51.5	40.8	58.8					
G171.0	57.2	29.4	49.8	40.6	57.2					
G172.0	55.8	30.4	48.2	40.4	55.8					
G173.0	54.4	33.7	46.7	40.1	54.4					
G174.0	52.9	37.2	45.5	39.9	52.9					
G175.0	51.3	40.8	44.5	41.1	51.3					
G176.0	49.8	43.7	43.7	44.0	49.8					
G177.0	48.0	46.2	42.6	46.0	48.0					
G178.0	45.4	47.9	41.5	47.5	45.4					
G179.0	43.0	48.6	41.0	48.5	43.0					
G180.0	41.7	48.5	42.1	48.8	41.7					

C Plane (°):0.0-360.0: 90.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1600

Distance: 6.500 m

Humidity:

Inspector: