

Report No.:

Test Time: 2022/11/28 星期一 10:19

## Luminaire Property

Luminaire Manufacturer:

Voltage: 120.9 V

Power: 150.30 W

Current: 1.247 A

Power Factor: 0.997

## Photometric Results

IES Classification: Type III

Total Rated Lamp Lumens: 20870.7 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 5110.09 cd

Pos of Max. Intensity: H22.5 V75

Longitudinal Classification: Medium

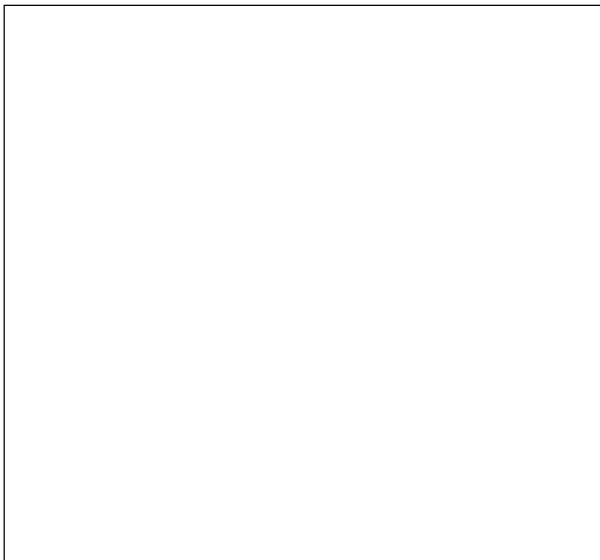
Measurement Flux: 20870.7 lm

Downward Ratio: 99%

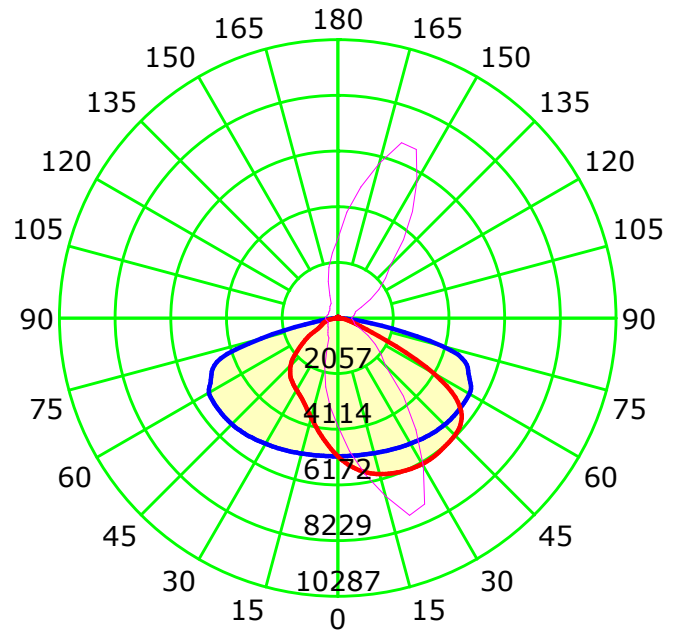
Luminaire Efficacy Rating (LER): 138.91

Max. Intensity: 8229.96 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 121.6°

— C0-C180 — C90-C270 — G75

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

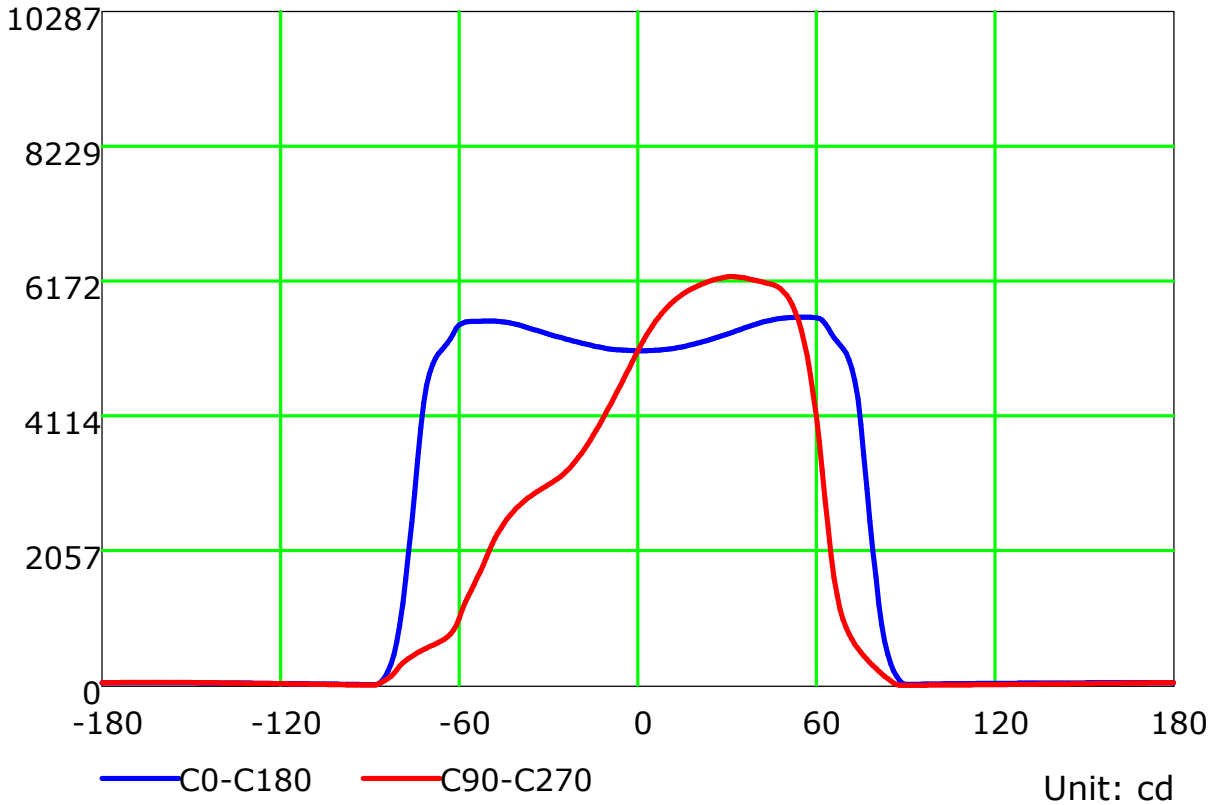
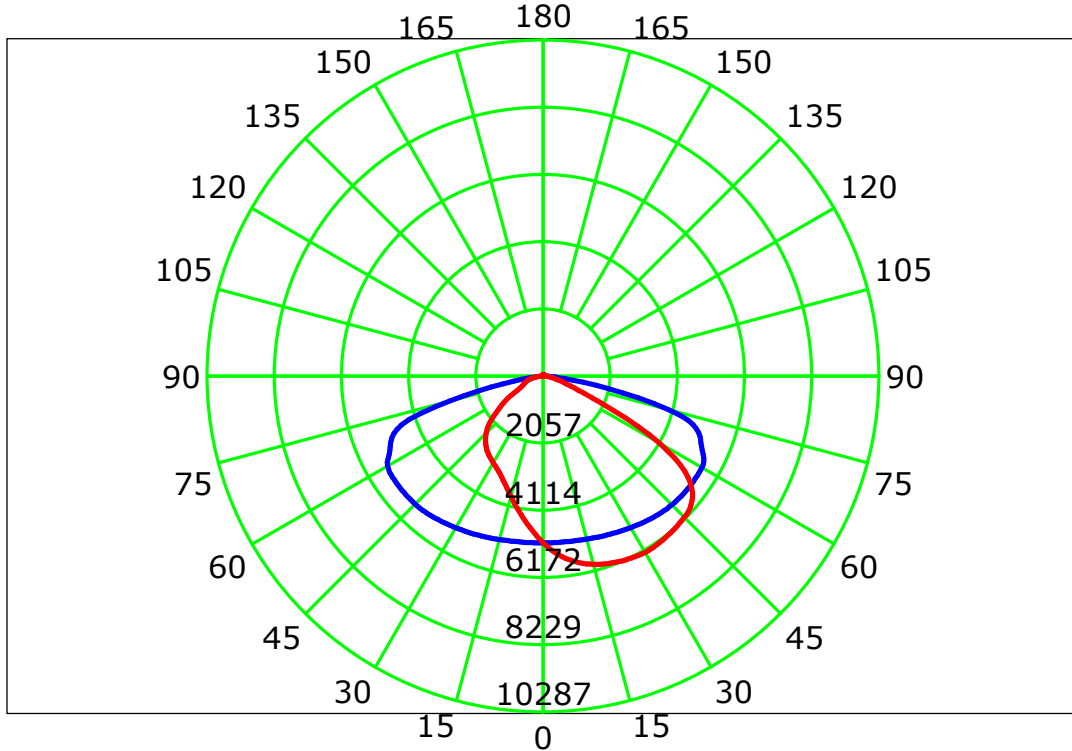
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

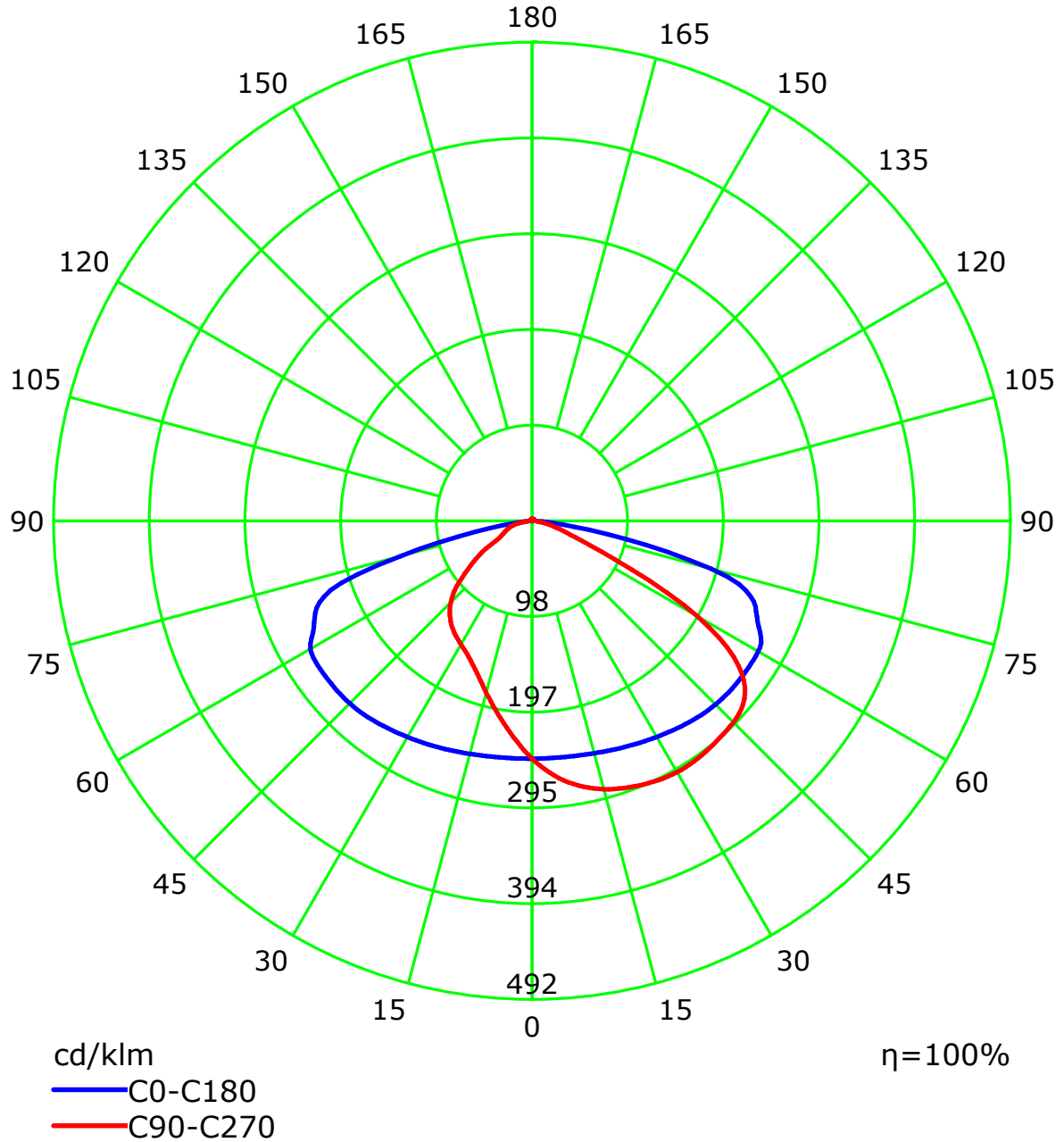
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 8.190 m  
Humidity:  
Inspector:

## Luminous Intensity Distribution Curve(cd/klm)



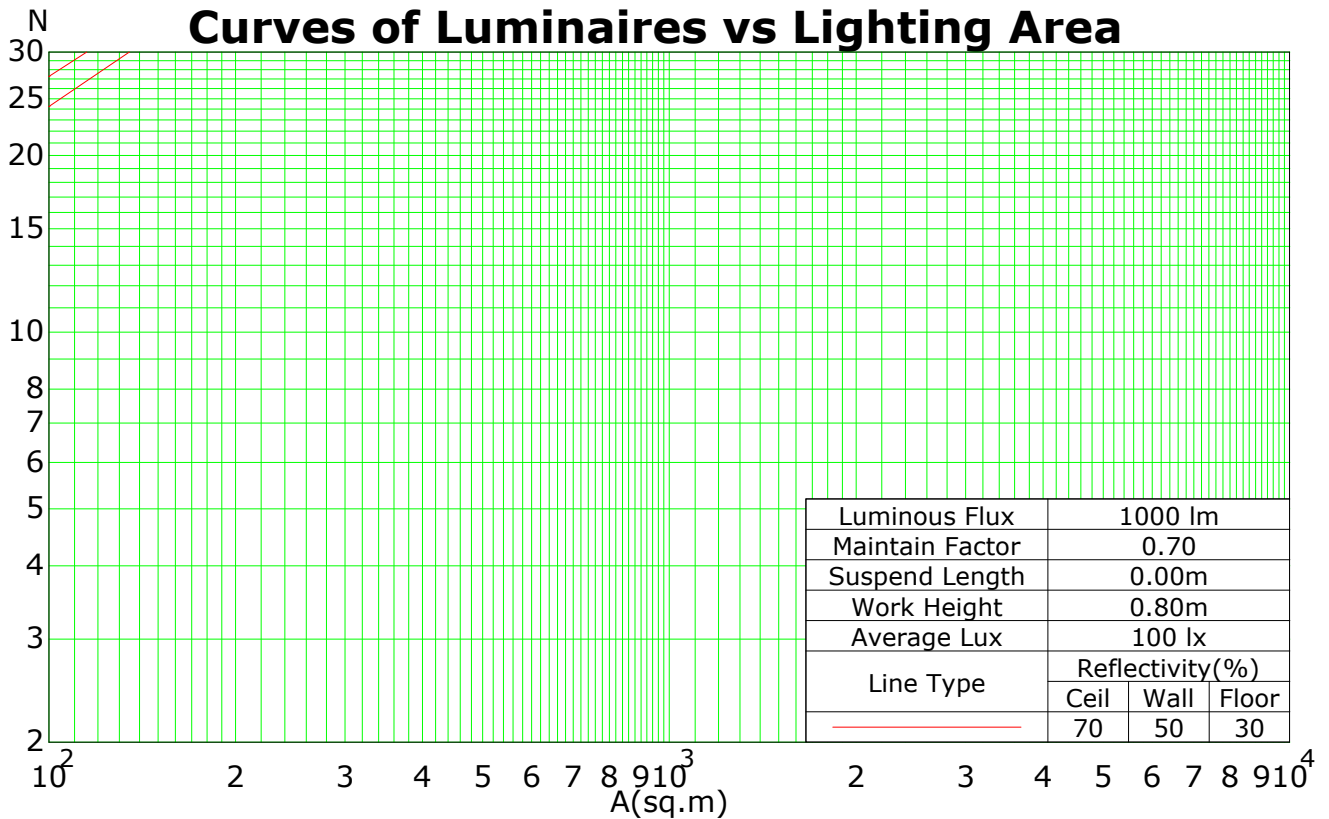
C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 8.190 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	107	102	97	93	105	100	96	92	95	92	89	91	88	86	87	85	83	81
2	96	87	80	73	94	85	78	73	82	76	71	78	73	69	75	71	67	65
3	87	75	66	59	84	74	65	59	71	63	58	68	61	56	65	60	55	53
4	79	66	56	49	76	64	55	49	62	54	48	59	52	47	57	51	46	44
5	72	58	48	41	70	57	48	41	55	47	40	52	45	40	50	44	39	37
6	66	52	42	35	64	51	42	35	49	41	35	47	40	34	45	39	34	32
7	61	47	37	31	59	46	37	30	44	36	30	42	35	30	41	35	30	27
8	57	42	33	27	55	41	33	27	40	32	27	39	32	26	37	31	26	24
9	53	39	30	24	51	38	30	24	37	29	24	35	28	23	34	28	23	21
10	49	35	27	21	48	35	27	21	34	26	21	33	26	21	32	25	21	19

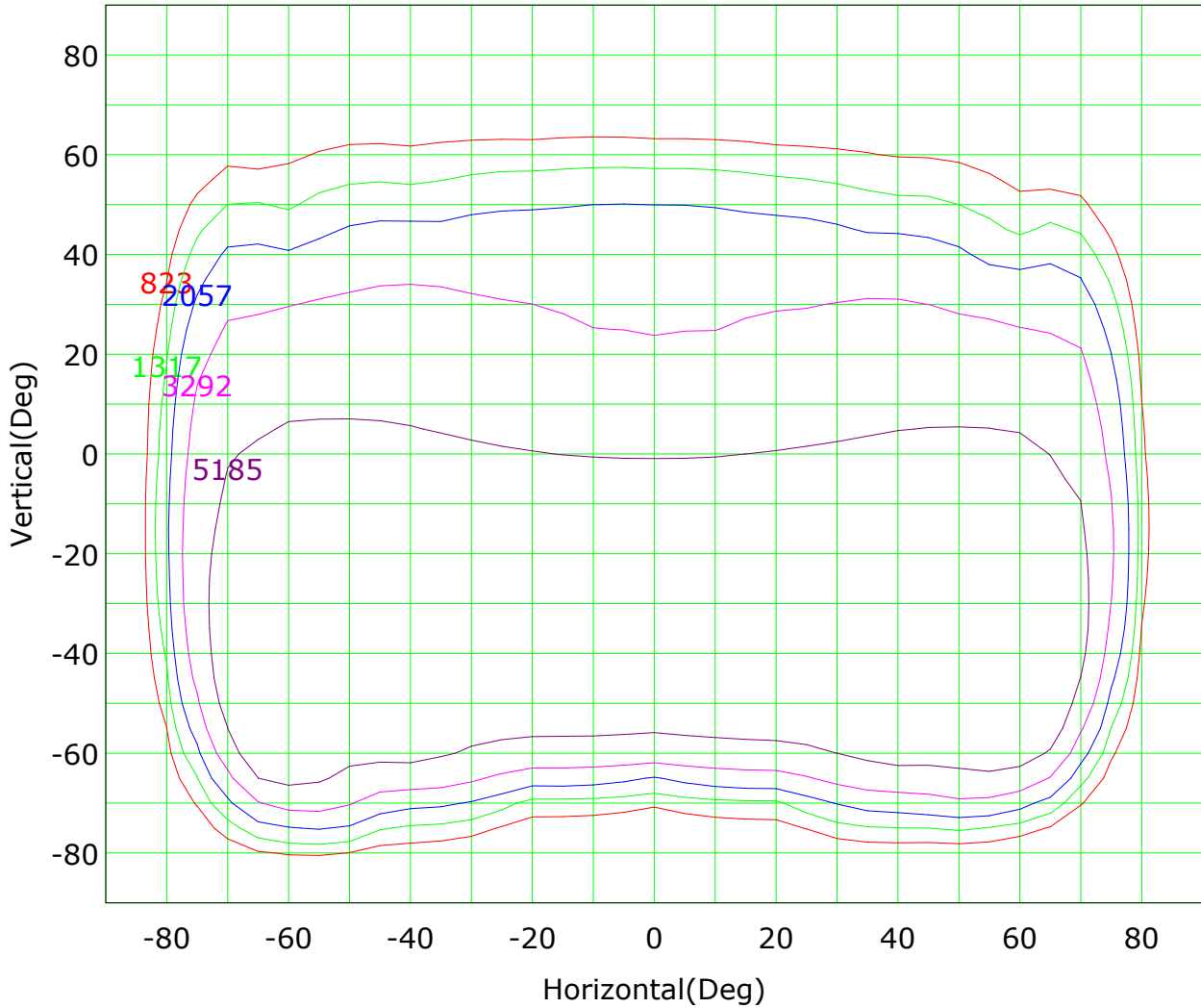
Spacing Criteria (0-180): 1.63  
 Spacing Criteria (90-270): 1.38  
 Spacing Criteria (Diagonal): 1.62



C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:

## Isocandela (rectangle)



Imax (100%): 8230 cd

- |                   |                   |
|-------------------|-------------------|
| — ( 10%): 823 cd  | — ( 16%): 1317 cd |
| — ( 25%): 2057 cd | — ( 40%): 3292 cd |
| — ( 63%): 5185 cd | — (100%): 8230 cd |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

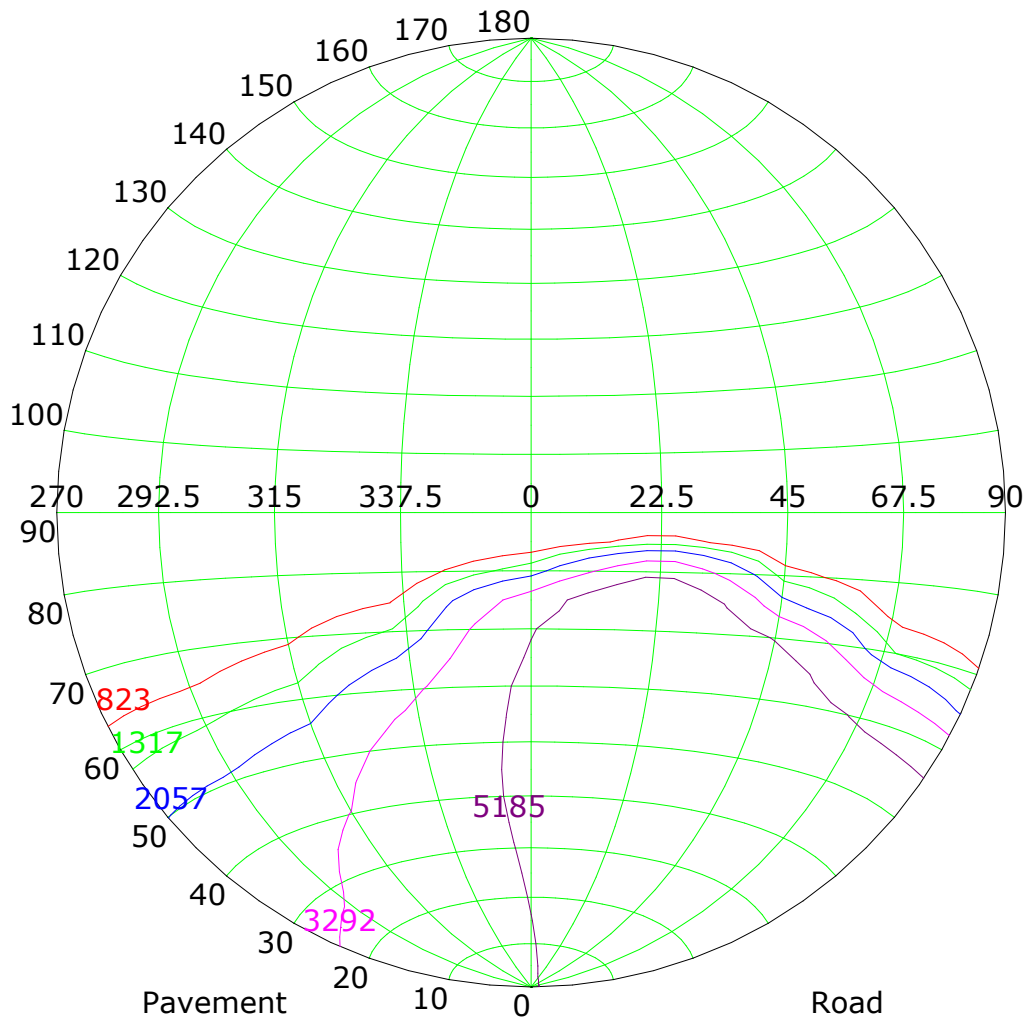
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

## Isocandela (sphere)



Imax (100%): 8230 cd

— ( 10%): 823 cd	— ( 16%): 1317 cd
— ( 25%): 2057 cd	— ( 40%): 3292 cd
— ( 63%): 5185 cd	— (100%): 8230 cd

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

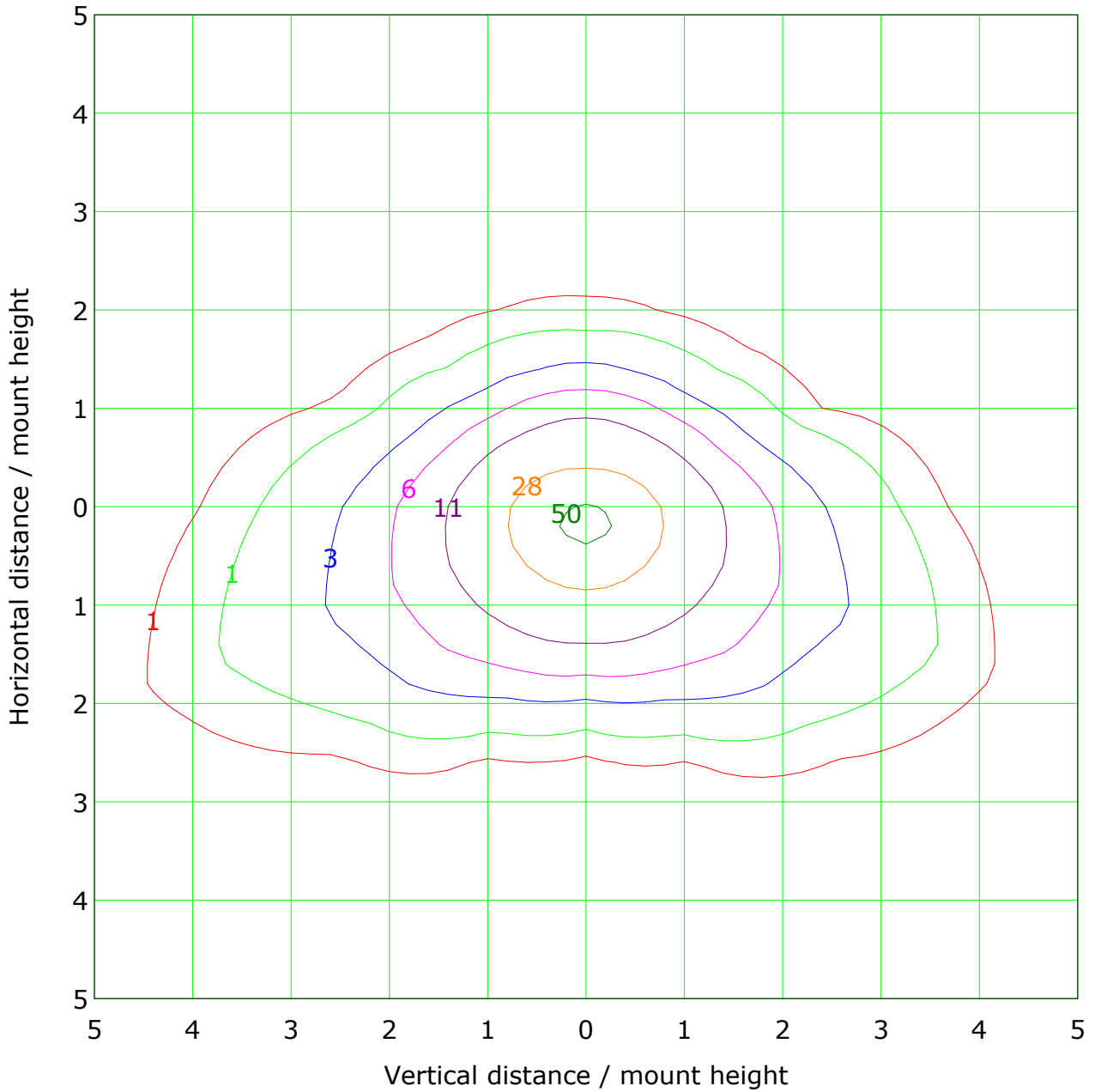
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 55.2 lx	
<ul style="list-style-type: none"> <li><span style="color: red;">—</span> ( 1%): 0.6 lx</li> <li><span style="color: blue;">—</span> ( 5%): 2.8 lx</li> <li><span style="color: purple;">—</span> ( 20%): 11.0 lx</li> <li><span style="color: green;">—</span> ( 90%): 49.7 lx</li> </ul>	<ul style="list-style-type: none"> <li><span style="color: green;">—</span> ( 2%): 1.1 lx</li> <li><span style="color: magenta;">—</span> ( 10%): 5.5 lx</li> <li><span style="color: orange;">—</span> ( 50%): 27.6 lx</li> <li><span style="color: blue;">—</span> (100%): 55.2 lx</li> </ul>		

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

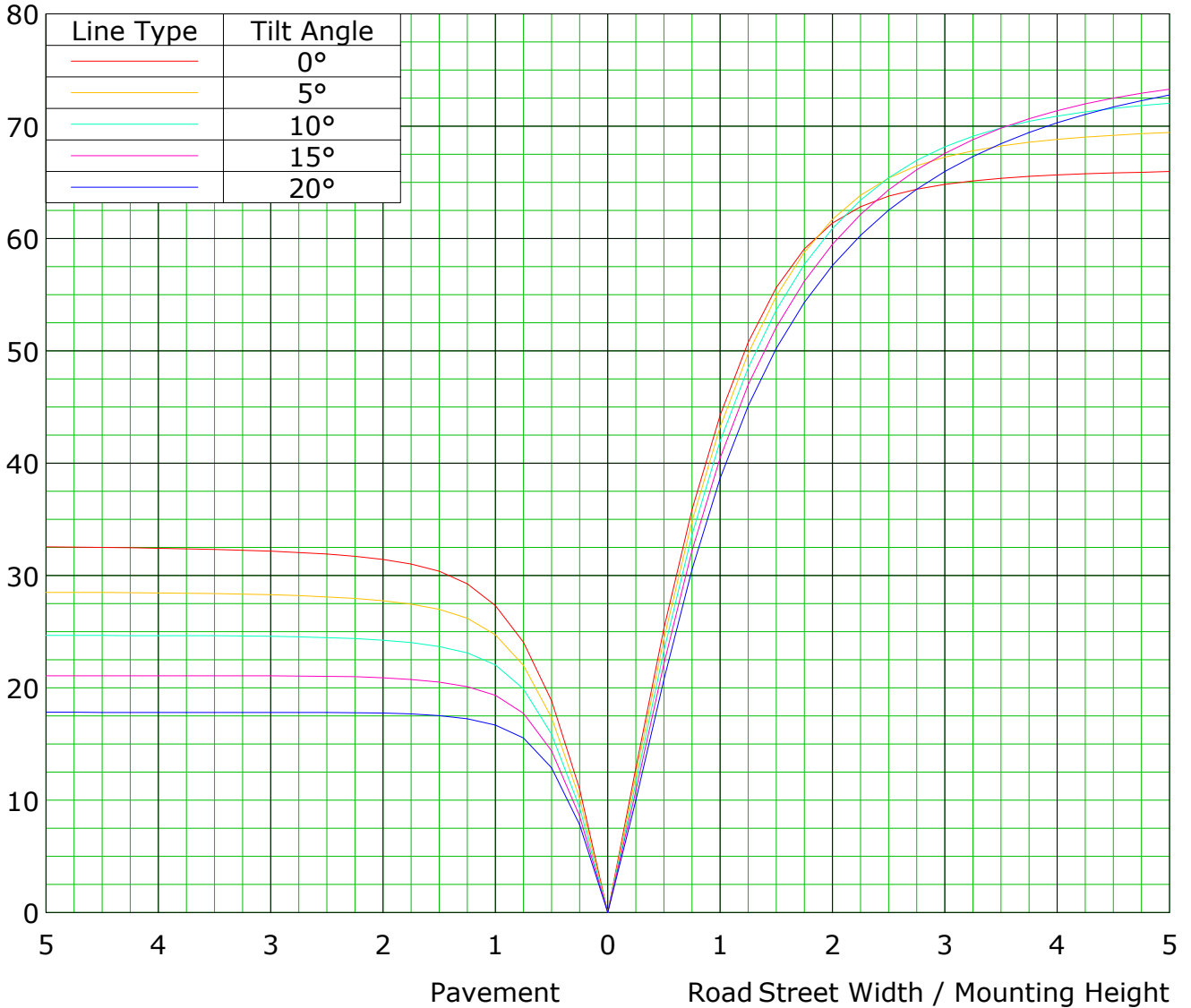
Distance: 8.190 m

Humidity:

Inspector:

## Roadway CU Curve

Efficiency(%)



C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

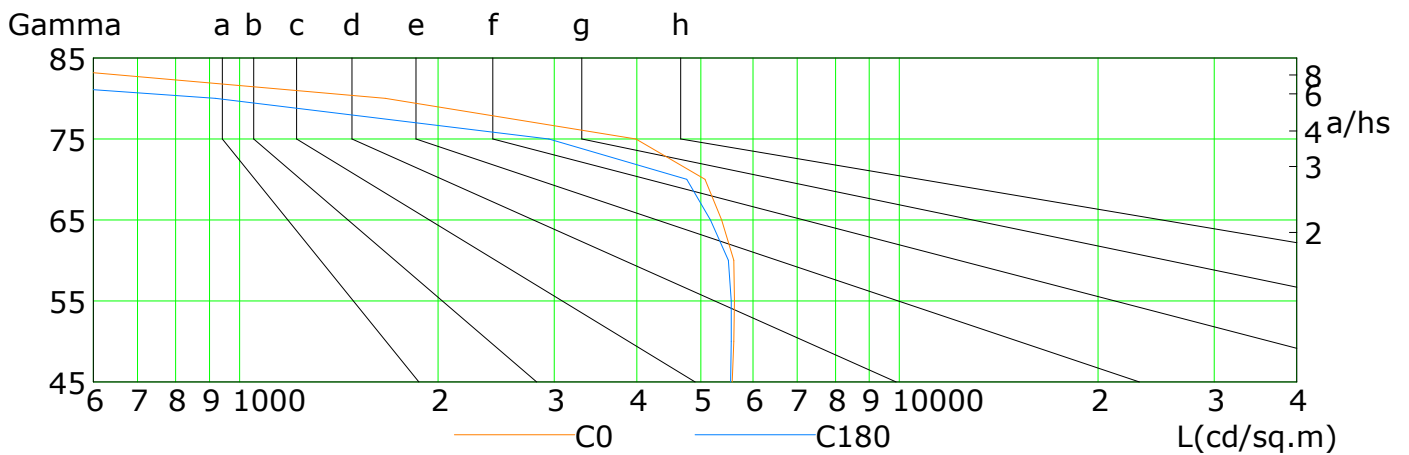
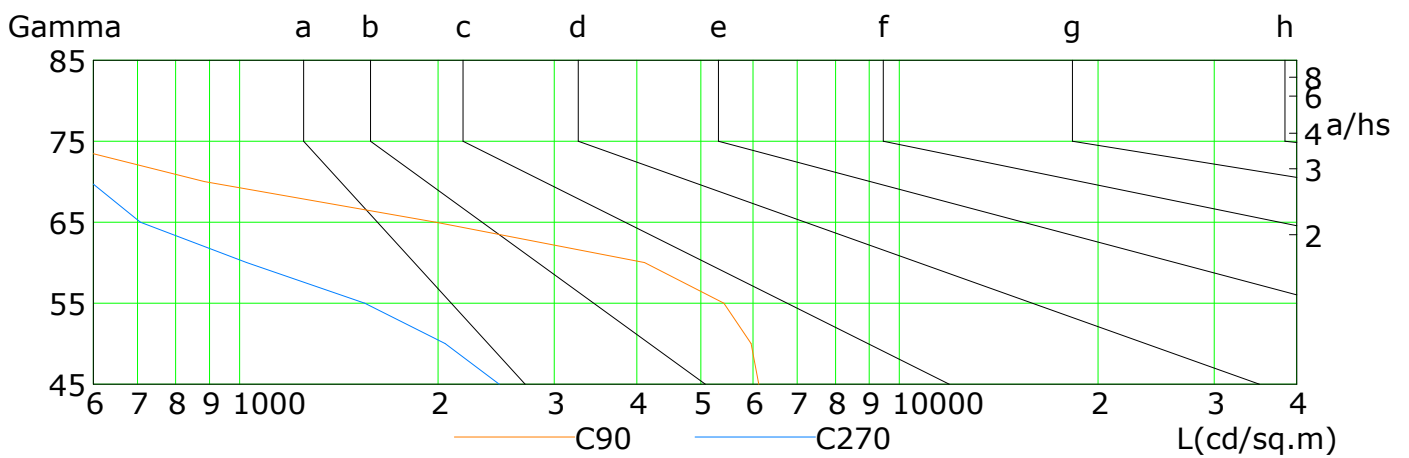
Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:



## 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	5581	5613	5623	5614	5376	5073	3985	1663	337
C90	6124	5958	5420	4108	1983	884	506	262	69
C180	5549	5563	5560	5506	5171	4760	2943	919	129
C270	2475	2050	1548	1025	707	594	472	296	77

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

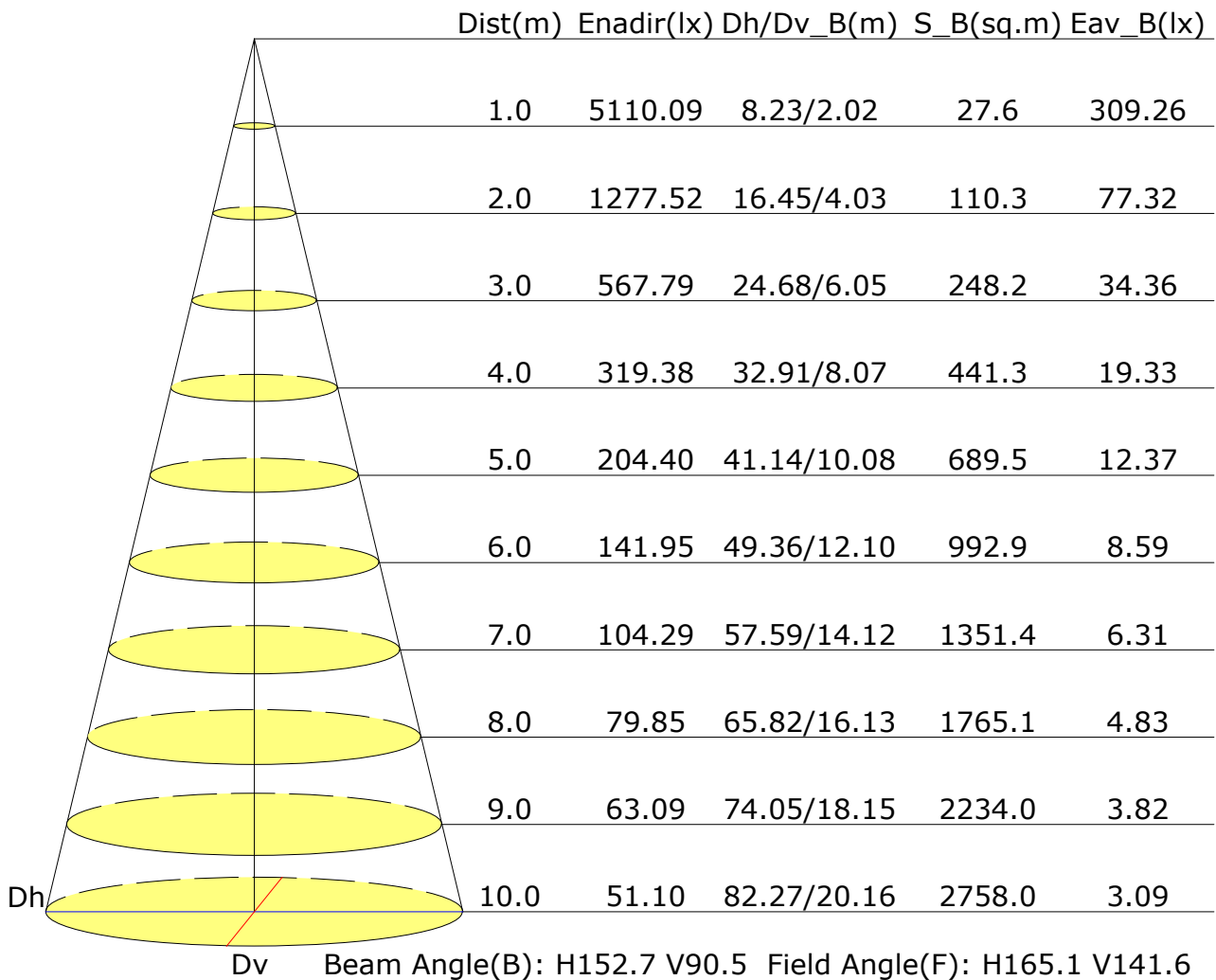
Test Device: GPM-1800B

Distance: 8.190 m

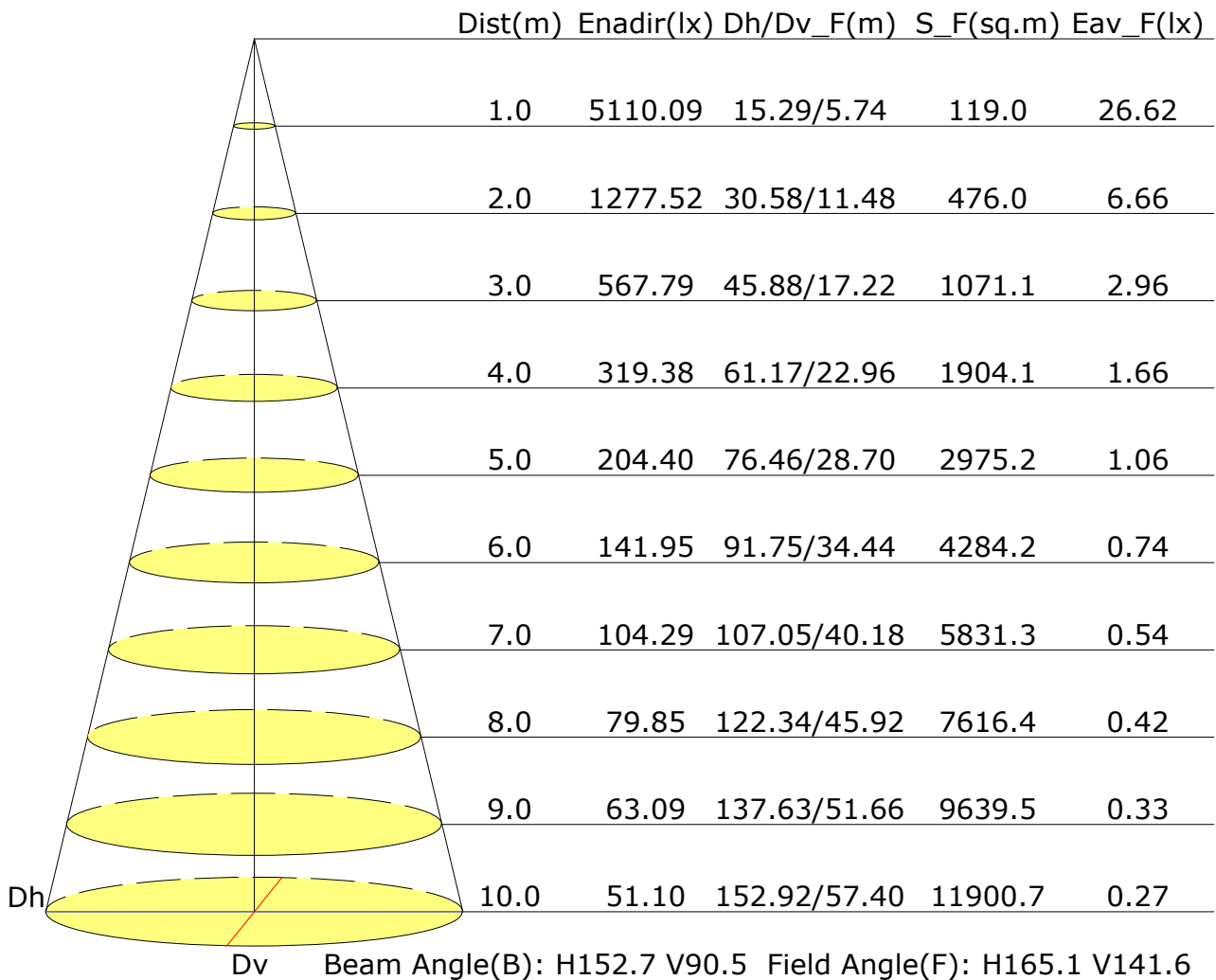
Humidity:

Inspector:

## Illuminance at a Distance(Beam Angle)



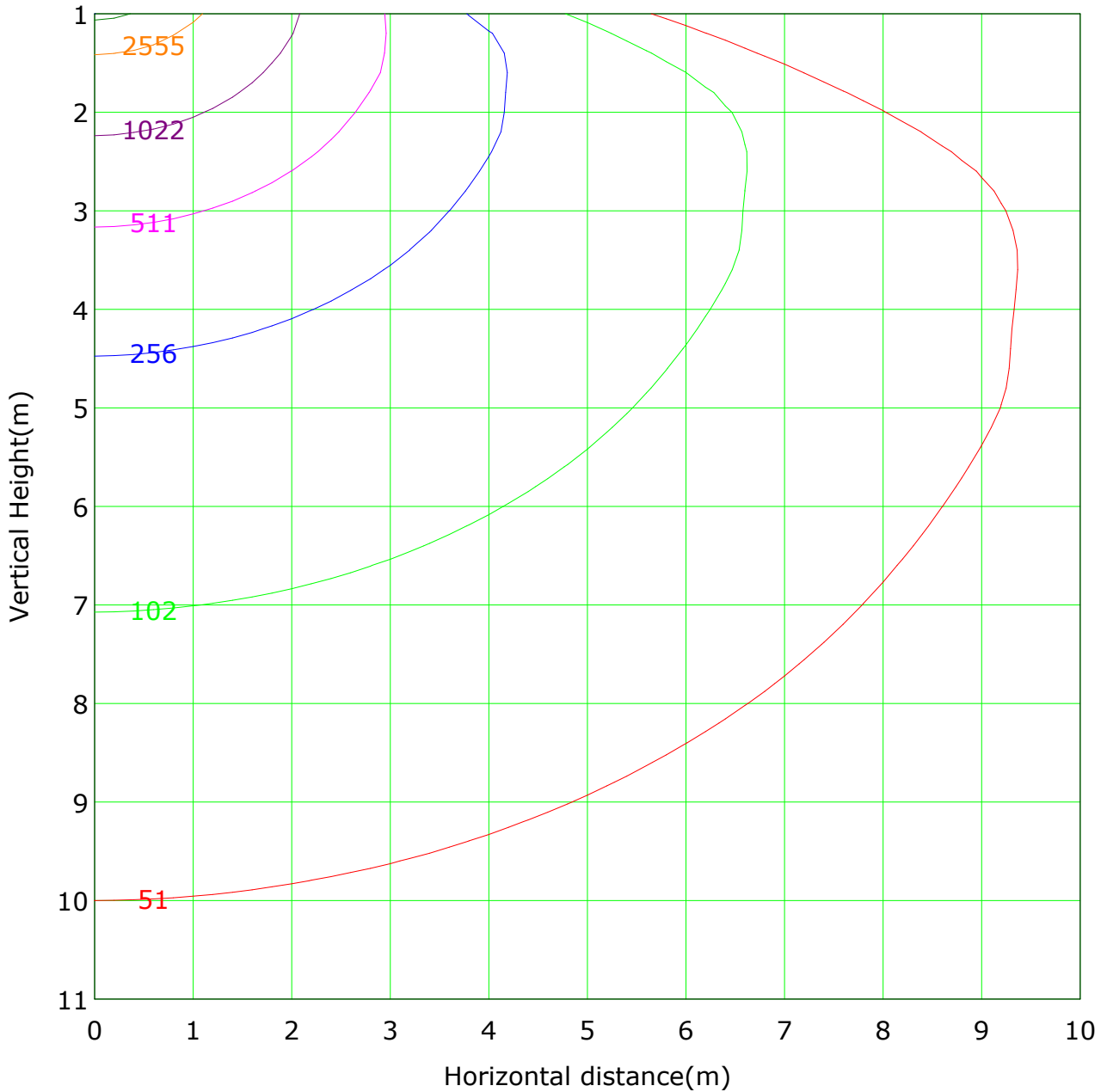
## Illuminance at a Distance(Field Angle)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 8.190 m  
Humidity:  
Inspector:

## Vertical IsoLux Plot



Lowest(m): 1.0m    Highest(m): 11.0m    Max Lux: 5110.1 lx

— ( 1%): 51.1 lx	— ( 2%): 102.2 lx
— ( 5%): 255.5 lx	— ( 10%): 511.0 lx
— ( 20%):1022.0 lx	— ( 50%):2555.0 lx
— ( 90%):4599.1 lx	— (100%):5110.1 lx

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 8.190 m  
Humidity:  
Inspector:

# Area Flux Table

Unit: lm

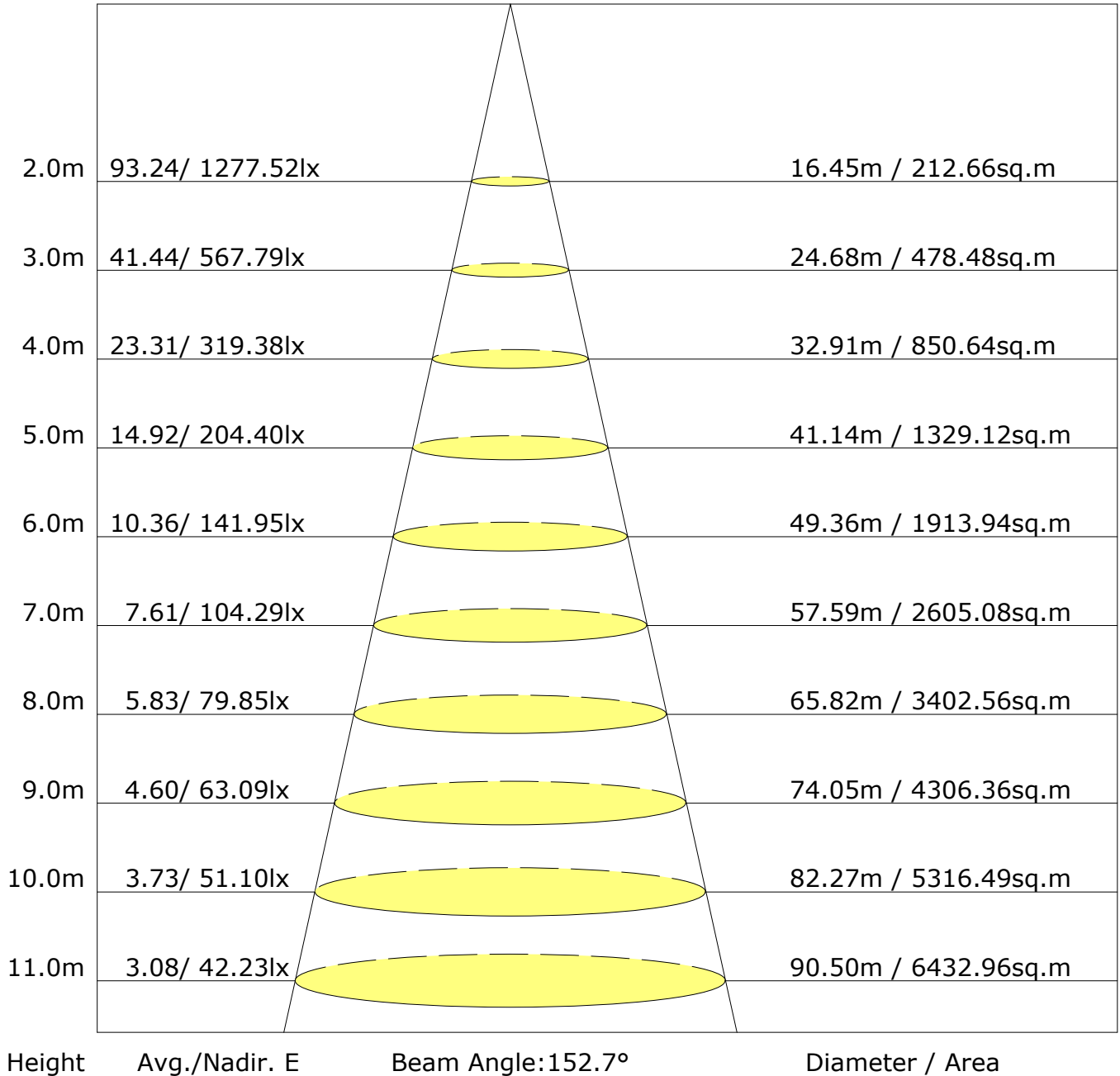
-90	0.0	0.1	0.3	0.6	1.0	1.5	2.1	2.6	2.9	3.0	2.9	2.6	2.1	1.5	1.1	0.6	0.3	0.1	25.2	0.0	
-80	0.0	0.4	1.5	3.4	5.6	7.9	9.6	11.5	13.4	13.5	11.6	10.0	8.9	7.1	5.0	2.5	1.1	0.2	113.3	0.0	
-70	0.1	1.4	4.2	8.6	12.5	15.8	18.1	20.4	22.3	22.8	21.7	19.7	17.5	14.7	11.0	6.4	2.7	0.3	220.1	49.2	
-60	0.2	3.2	9.0	15.4	23.0	28.9	36.7	42.4	46.6	47.3	44.4	40.0	32.9	27.5	19.9	12.3	5.6	0.5	435.9	412.5	
-50	0.3	6.3	17.6	25.9	40.7	50.6	62.1	69.3	74.1	74.7	71.3	65.8	56.0	47.6	33.0	22.5	9.9	0.8	728.5	724.2	
-40	0.5	10.5	29.4	42.1	61.1	73.9	82.1	86.8	89.0	89.4	88.1	85.0	78.7	68.0	50.2	34.5	15.1	1.1	985.4	982.7	
-30	0.7	15.2	41.3	61.0	79.1	92.6	97.7	99.5	99.4	99.8	100.8	100.2	96.9	85.1	67.2	45.9	20.4	1.4	1203.9	1201.8	
-20	0.8	19.7	52.2	77.0	96.3	109.2	115.4	116.9	117.1	117.6	118.3	117.9	112.6	100.1	80.9	56.1	25.2	1.7	1435.0	1433.4	
-10	1.0	23.4	62.1	90.5	111.8	126.6	135.5	140.0	141.8	142.3	140.8	136.4	127.9	113.5	92.6	65.2	29.2	1.9	1682.6	1680.9	
0	1.1	26.6	69.3	99.7	122.9	140.4	153.2	161.5	165.8	166.2	162.0	153.4	140.5	123.3	100.5	71.5	32.5	2.1	1892.2	1891.0	
10	1.1	28.7	74.2	105.4	130.5	150.2	164.4	174.7	180.3	180.6	175.2	164.8	150.0	130.2	105.5	75.8	34.9	2.2	2028.9	2027.8	
20	1.0	29.1	79.4	112.0	137.2	155.4	170.0	181.2	187.2	187.2	181.3	170.1	154.7	136.3	111.4	80.4	36.1	2.1	2112.0	2110.7	
30	0.8	26.9	85.5	119.3	140.0	157.2	172.1	183.2	188.8	188.5	182.3	171.3	156.0	138.4	118.2	86.2	35.3	1.8	2151.8	2150.2	
40	0.6	21.3	90.3	124.4	144.1	158.8	170.8	180.5	185.5	185.1	179.3	169.2	156.6	141.3	122.4	93.3	31.1	1.4	2156.0	2154.1	
50	0.4	13.2	78.5	119.8	142.0	154.7	157.4	162.9	163.6	162.6	159.7	152.9	149.6	137.7	117.6	92.3	22.6	1.0	1988.6	1986.1	
60	0.2	6.0	40.9	80.8	94.6	100.9	88.1	80.3	73.9	72.6	76.5	83.2	96.4	91.5	91.1	62.4	12.4	0.6	1152.5	1148.7	
70	0.0	1.7	10.9	24.5	30.9	32.3	24.5	19.3	17.7	17.3	18.4	23.0	30.1	32.6	37.7	22.6	4.9	0.3	348.9	255.9	
80	0.0	0.1	0.8	2.0	2.9	3.5	3.3	3.1	2.9	3.0	3.3	3.8	4.7	4.8	5.4	3.5	0.9	0.1	48.1	0.0	
90	8.9	233.9	747.4	112.4	376.1	560.5	663.0	736.2	772.4	773.3	737.8	669.3	572.2	401.2	170.9	83.9	32.0	19.6	20709		
Flux(T)	1.1	219.4	730.5	1089.8	349.2	528.5	624.4	692.6	725.1	726.0	693.8	631.6	539.3	374.3	149.3	81.7	30.7	9.6		20209	
Flux(E)	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)

Gamma Plane (°): 0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 8.190 m  
Humidity:  
Inspector:

C Plane (°): 0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

## The Average Illuminance Effective Figure

Flux Out: 19829.26lm



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature:  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 8.190 m  
Humidity:  
Inspector:

## UGR Table

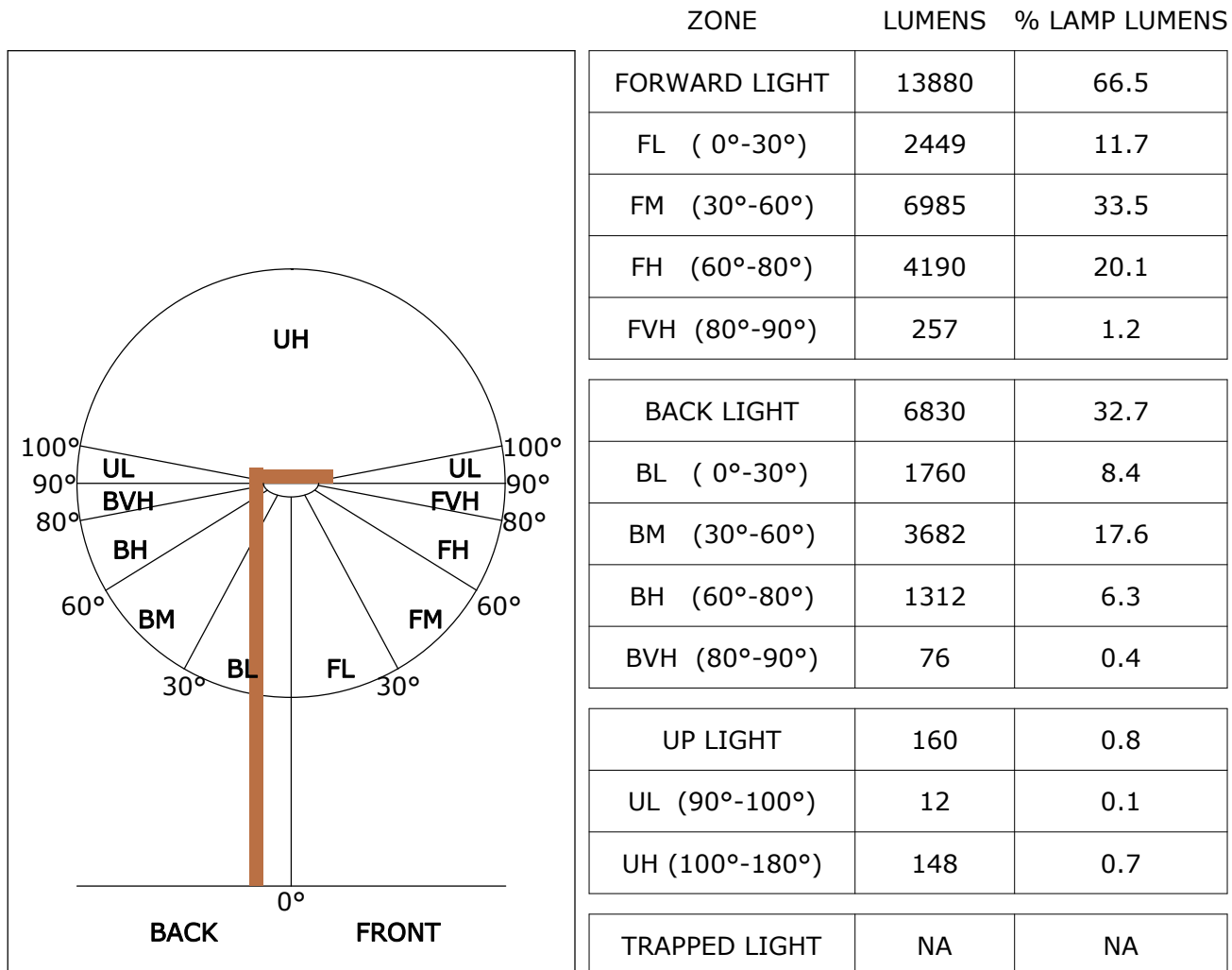
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$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

Calculate in accordance with CIE Pub.117. The table is revised with 20871lm ( $8\log(F/F_0) = 10.6$ ).

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:

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



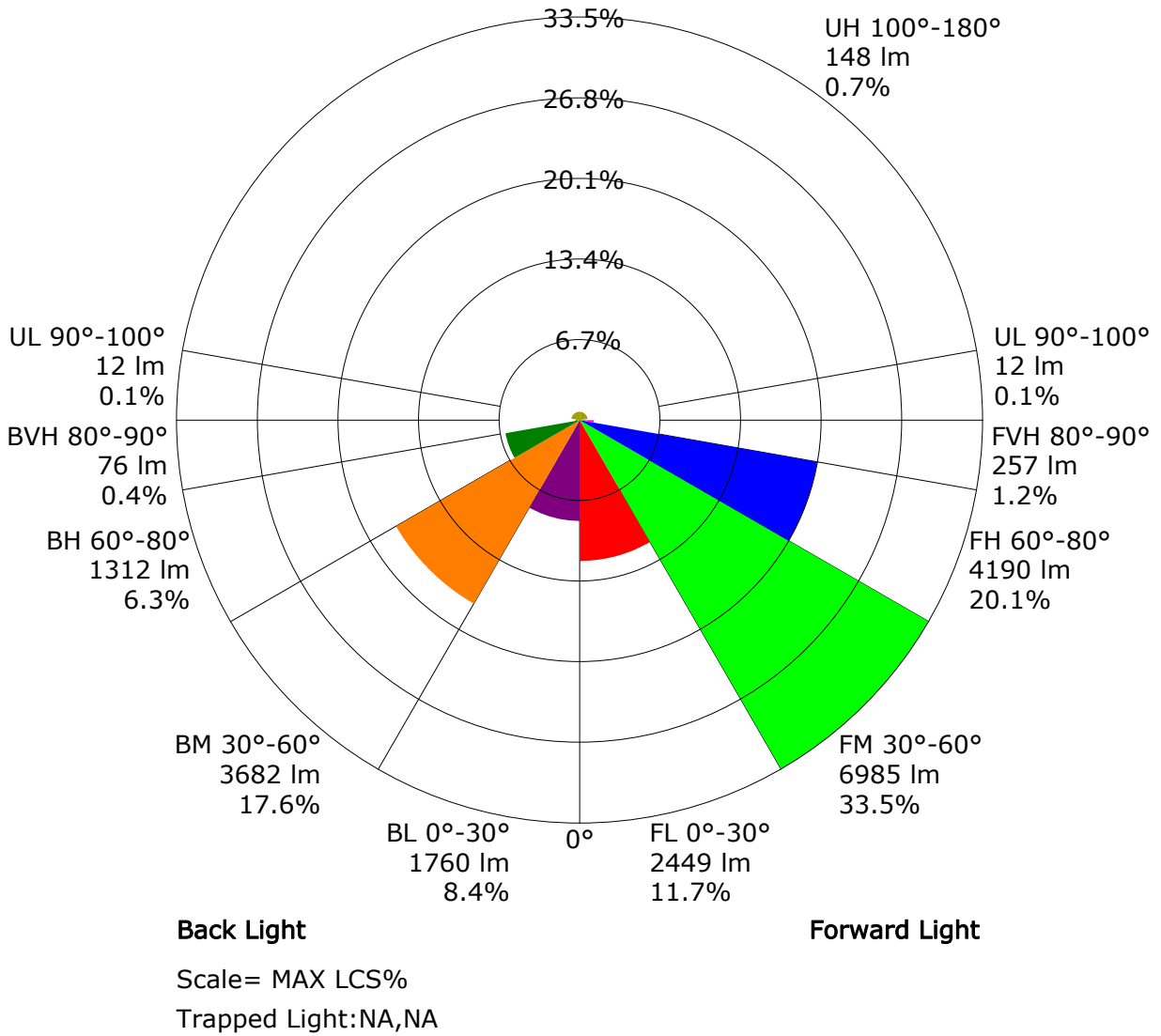
BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B3 U5 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B3 U5 G2

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:



# LCS Graph



## 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	0.64	0.71	0.77	0.85	0.90	0.94	0.99	1.02	
	0.30		NA	0.55	0.63	0.69	0.78	0.84	0.89	0.95	0.98	
	0.20		NA	0.49	0.57	0.64	0.73	0.79	0.84	0.91	0.95	
0.50	0.50	0.20	NA	0.61	0.69	0.74	0.82	0.87	0.90	0.95	0.98	
	0.30		NA	0.54	0.62	0.68	0.76	0.82	0.86	0.91	0.95	
	0.20		NA	0.49	0.56	0.62	0.71	0.77	0.82	0.88	0.92	
0.30	0.50	0.20	NA	0.59	0.66	0.71	0.79	0.83	0.87	0.91	0.94	
	0.30		NA	0.53	0.60	0.66	0.74	0.79	0.83	0.88	0.91	
	0.20		NA	0.48	0.55	0.61	0.70	0.75	0.80	0.85	0.89	
0.00	0.00	0.00	NA	0.45	0.53	0.58	0.66	0.71	0.75	0.81	0.84	
<p>Rating:150W Photometrically tested without ceiling board.                      Multiply UF values by service correction factors                      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	0.87	0.75	0.65	0.52	0.43	0.37	0.28	0.23	
	0.30		NA	0.75	0.65	0.58	0.47	0.40	0.34	0.27	0.22	
	0.20		NA	0.65	0.58	0.52	0.43	0.36	0.32	0.25	0.21	
0.50	0.50	0.20	NA	0.84	0.72	0.62	0.50	0.44	0.35	0.27	0.22	
	0.30		NA	0.73	0.63	0.56	0.45	0.38	0.33	0.26	0.21	
	0.20		NA	0.64	0.57	0.51	0.42	0.35	0.31	0.24	0.20	
0.30	0.50	0.20	NA	0.81	0.69	0.60	0.47	0.39	0.34	0.26	0.21	
	0.30		NA	0.71	0.62	0.54	0.44	0.37	0.32	0.25	0.20	
	0.20		NA	0.63	0.56	0.50	0.41	0.35	0.30	0.24	0.19	
0.00	0.00	0.00	0.99	0.54	0.47	0.41	0.33	0.28	0.24	0.19	0.15	
Rating:150W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

## Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 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	0.19	0.20	0.20	0.21	0.22	0.22	0.22	0.23	
	0.30		NA	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		NA	0.07	0.08	0.09	0.12	0.13	0.14	0.16	0.17	
0.50	0.50	0.20	NA	0.18	0.19	0.19	0.20	0.21	0.21	0.21	0.22	
	0.30		NA	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		NA	0.07	0.08	0.09	0.11	0.13	0.14	0.16	0.17	
0.30	0.50	0.20	NA	0.17	0.18	0.19	0.19	0.20	0.20	0.21	0.21	
	0.30		NA	0.11	0.13	0.14	0.15	0.16	0.17	0.18	0.18	
	0.20		NA	0.07	0.08	0.09	0.11	0.13	0.14	0.15	0.16	
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:150W 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 [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	5109.5	4.9	4.9	0.02	0.02
1.0-2.0	5108.5	14.7	19.6	0.07	0.09
2.0-3.0	5106.8	24.4	44.0	0.12	0.21
3.0-4.0	5104.0	34.2	78.2	0.16	0.37
4.0-5.0	5100.2	43.9	122.0	0.21	0.58
5.0-6.0	5095.9	53.6	175.6	0.26	0.84
6.0-7.0	5090.9	63.2	238.8	0.30	1.14
7.0-8.0	5085.5	72.8	311.6	0.35	1.49
8.0-9.0	5079.0	82.3	393.9	0.39	1.89
9.0-10.0	5072.3	91.8	485.7	0.44	2.33
10.0-11.0	5065.5	101.2	586.9	0.49	2.81
11.0-12.0	5058.4	110.6	697.5	0.53	3.34
12.0-13.0	5051.3	119.9	817.4	0.57	3.92
13.0-14.0	5043.8	129.1	946.5	0.62	4.54
14.0-15.0	5036.4	138.3	1084.8	0.66	5.20
15.0-16.0	5028.9	147.4	1232.2	0.71	5.90
16.0-17.0	5021.2	156.4	1388.6	0.75	6.65
17.0-18.0	5013.6	165.3	1553.9	0.79	7.45
18.0-19.0	5006.0	174.2	1728.1	0.83	8.28
19.0-20.0	4998.8	183.0	1911.1	0.88	9.16
20.0-21.0	4991.6	191.7	2102.8	0.92	10.08
21.0-22.0	4984.8	200.3	2303.1	0.96	11.04
22.0-23.0	4978.6	208.9	2512.1	1.00	12.04
23.0-24.0	4972.8	217.4	2729.5	1.04	13.08
24.0-25.0	4967.4	225.9	2955.4	1.08	14.16
25.0-26.0	4962.8	234.3	3189.7	1.12	15.28
26.0-27.0	4958.2	242.6	3432.3	1.16	16.45
27.0-28.0	4954.1	250.9	3683.2	1.20	17.65
28.0-29.0	4950.7	259.0	3942.2	1.24	18.89
29.0-30.0	4947.2	267.1	4209.4	1.28	20.17
30.0-31.0	4943.5	275.1	4484.5	1.32	21.49
31.0-32.0	4939.4	283.0	4767.5	1.36	22.84
32.0-33.0	4934.8	290.8	5058.3	1.39	24.24
33.0-34.0	4929.6	298.4	5356.6	1.43	25.67
34.0-35.0	4923.4	305.8	5662.4	1.47	27.13
35.0-36.0	4916.0	313.0	5975.5	1.50	28.63

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:

## Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	4907.5	320.1	6295.6	1.53	30.16
37.0-38.0	4897.9	327.0	6622.6	1.57	31.73
38.0-39.0	4886.9	333.6	6956.2	1.60	33.33
39.0-40.0	4874.8	340.0	7296.2	1.63	34.96
40.0-41.0	4861.2	346.2	7642.4	1.66	36.62
41.0-42.0	4845.7	352.1	7994.5	1.69	38.30
42.0-43.0	4828.3	357.7	8352.2	1.71	40.02
43.0-44.0	4809.0	363.0	8715.2	1.74	41.76
44.0-45.0	4787.2	368.0	9083.2	1.76	43.52
45.0-46.0	4763.3	372.6	9455.8	1.79	45.31
46.0-47.0	4736.8	376.8	9832.6	1.81	47.11
47.0-48.0	4706.7	380.5	10213.1	1.82	48.94
48.0-49.0	4673.3	383.8	10596.9	1.84	50.77
49.0-50.0	4635.7	386.6	10983.5	1.85	52.63
50.0-51.0	4593.4	388.7	11372.2	1.86	54.49
51.0-52.0	4547.3	390.3	11762.4	1.87	56.36
52.0-53.0	4498.0	391.3	12153.8	1.88	58.23
53.0-54.0	4445.9	391.9	12545.7	1.88	60.11
54.0-55.0	4390.4	392.0	12937.6	1.88	61.99
55.0-56.0	4331.7	391.5	13329.1	1.88	63.87
56.0-57.0	4269.7	390.4	13719.5	1.87	65.74
57.0-58.0	4201.9	388.6	14108.2	1.86	67.60
58.0-59.0	4126.1	385.8	14494.0	1.85	69.45
59.0-60.0	4042.1	381.9	14875.9	1.83	71.28
60.0-61.0	3950.4	377.0	15252.9	1.81	73.08
61.0-62.0	3847.8	370.8	15623.7	1.78	74.86
62.0-63.0	3734.1	363.2	15987.0	1.74	76.60
63.0-64.0	3612.3	354.5	16341.5	1.70	78.30
64.0-65.0	3483.9	344.8	16686.3	1.65	79.95
65.0-66.0	3355.4	334.8	17021.1	1.60	81.55
66.0-67.0	3230.1	324.8	17346.0	1.56	83.11
67.0-68.0	3105.7	314.7	17660.6	1.51	84.62
68.0-69.0	2983.5	304.4	17965.0	1.46	86.08
69.0-70.0	2861.9	294.0	18259.0	1.41	87.49
70.0-71.0	2739.1	283.1	18542.1	1.36	88.84
71.0-72.0	2614.4	271.9	18814.0	1.30	90.15

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:

## Zonal Lumen (Continue 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	2485.0	259.9	19073.9	1.25	91.39
73.0-74.0	2342.4	246.3	19320.2	1.18	92.57
74.0-75.0	2176.4	230.0	19550.2	1.10	93.67
75.0-76.0	1987.5	211.0	19761.2	1.01	94.68
76.0-77.0	1779.1	189.7	19950.9	0.91	95.59
77.0-78.0	1555.6	166.5	20117.4	0.80	96.39
78.0-79.0	1324.1	142.3	20259.7	0.68	97.07
79.0-80.0	1094.9	118.1	20377.8	0.57	97.64
80.0-81.0	875.5	94.7	20472.5	0.45	98.09
81.0-82.0	676.9	73.4	20545.9	0.35	98.44
82.0-83.0	510.3	55.5	20601.4	0.27	98.71
83.0-84.0	372.8	40.6	20642.0	0.19	98.90
84.0-85.0	261.7	28.6	20670.5	0.14	99.04
85.0-86.0	172.5	18.9	20689.4	0.09	99.13
86.0-87.0	102.3	11.2	20700.6	0.05	99.18
87.0-88.0	53.2	5.8	20706.4	0.03	99.21
88.0-89.0	24.1	2.6	20709.1	0.01	99.23
89.0-90.0	11.6	1.3	20710.3	0.01	99.23
90.0-91.0	9.1	1.0	20711.3	0.00	99.24
91.0-92.0	9.4	1.0	20712.4	0.00	99.24
92.0-93.0	9.9	1.1	20713.5	0.01	99.25
93.0-94.0	10.5	1.1	20714.6	0.01	99.25
94.0-95.0	11.0	1.2	20715.8	0.01	99.26
95.0-96.0	11.6	1.3	20717.1	0.01	99.26
96.0-97.0	12.2	1.3	20718.4	0.01	99.27
97.0-98.0	12.8	1.4	20719.8	0.01	99.28
98.0-99.0	13.4	1.5	20721.3	0.01	99.28
99.0-100.0	14.0	1.5	20722.8	0.01	99.29
100.0-101.0	14.5	1.6	20724.3	0.01	99.30
101.0-102.0	15.1	1.6	20726.0	0.01	99.31
102.0-103.0	15.8	1.7	20727.6	0.01	99.31
103.0-104.0	16.3	1.7	20729.4	0.01	99.32
104.0-105.0	16.8	1.8	20731.2	0.01	99.33
105.0-106.0	17.4	1.8	20733.0	0.01	99.34
106.0-107.0	18.1	1.9	20734.9	0.01	99.35
107.0-108.0	18.6	1.9	20736.9	0.01	99.36

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:

### Zonal Lumen (Continue 3)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	19.2	2.0	20738.9	0.01	99.37
109.0-110.0	19.8	2.0	20740.9	0.01	99.38
110.0-111.0	20.3	2.1	20743.0	0.01	99.39
111.0-112.0	20.8	2.1	20745.1	0.01	99.40
112.0-113.0	21.4	2.2	20747.3	0.01	99.41
113.0-114.0	21.9	2.2	20749.5	0.01	99.42
114.0-115.0	22.5	2.2	20751.7	0.01	99.43
115.0-116.0	23.0	2.3	20754.0	0.01	99.44
116.0-117.0	23.6	2.3	20756.3	0.01	99.45
117.0-118.0	24.1	2.3	20758.7	0.01	99.46
118.0-119.0	24.5	2.4	20761.0	0.01	99.47
119.0-120.0	25.1	2.4	20763.4	0.01	99.49
120.0-121.0	25.6	2.4	20765.8	0.01	99.50
121.0-122.0	26.0	2.4	20768.3	0.01	99.51
122.0-123.0	26.6	2.5	20770.7	0.01	99.52
123.0-124.0	27.1	2.5	20773.2	0.01	99.53
124.0-125.0	27.6	2.5	20775.7	0.01	99.54
125.0-126.0	28.2	2.5	20778.2	0.01	99.56
126.0-127.0	28.7	2.5	20780.8	0.01	99.57
127.0-128.0	29.3	2.6	20783.3	0.01	99.58
128.0-129.0	29.9	2.6	20785.9	0.01	99.59
129.0-130.0	30.4	2.6	20788.4	0.01	99.61
130.0-131.0	31.0	2.6	20791.0	0.01	99.62
131.0-132.0	31.5	2.6	20793.6	0.01	99.63
132.0-133.0	32.0	2.6	20796.2	0.01	99.64
133.0-134.0	32.5	2.6	20798.8	0.01	99.66
134.0-135.0	33.0	2.6	20801.4	0.01	99.67
135.0-136.0	33.4	2.6	20803.9	0.01	99.68
136.0-137.0	33.8	2.6	20806.5	0.01	99.69
137.0-138.0	34.2	2.5	20809.0	0.01	99.70
138.0-139.0	34.6	2.5	20811.5	0.01	99.72
139.0-140.0	35.0	2.5	20814.0	0.01	99.73
140.0-141.0	35.4	2.5	20816.5	0.01	99.74
141.0-142.0	35.7	2.4	20818.9	0.01	99.75
142.0-143.0	36.0	2.4	20821.3	0.01	99.76
143.0-144.0	36.3	2.4	20823.7	0.01	99.77

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:



## Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	36.6	2.3	20826.0	0.01	99.79
145.0-146.0	36.9	2.3	20828.3	0.01	99.80
146.0-147.0	37.2	2.3	20830.6	0.01	99.81
147.0-148.0	37.5	2.2	20832.8	0.01	99.82
148.0-149.0	37.8	2.2	20835.0	0.01	99.83
149.0-150.0	38.0	2.1	20837.1	0.01	99.84
150.0-151.0	38.2	2.1	20839.1	0.01	99.85
151.0-152.0	38.5	2.0	20841.1	0.01	99.86
152.0-153.0	38.7	2.0	20843.1	0.01	99.87
153.0-154.0	38.9	1.9	20845.0	0.01	99.88
154.0-155.0	39.1	1.8	20846.9	0.01	99.89
155.0-156.0	39.3	1.8	20848.6	0.01	99.89
156.0-157.0	39.5	1.7	20850.4	0.01	99.90
157.0-158.0	39.7	1.7	20852.0	0.01	99.91
158.0-159.0	39.8	1.6	20853.6	0.01	99.92
159.0-160.0	40.0	1.5	20855.2	0.01	99.93
160.0-161.0	40.1	1.5	20856.6	0.01	99.93
161.0-162.0	40.3	1.4	20858.0	0.01	99.94
162.0-163.0	40.5	1.3	20859.4	0.01	99.95
163.0-164.0	40.7	1.3	20860.6	0.01	99.95
164.0-165.0	40.8	1.2	20861.8	0.01	99.96
165.0-166.0	41.0	1.1	20863.0	0.01	99.96
166.0-167.0	41.1	1.1	20864.0	0.01	99.97
167.0-168.0	41.3	1.0	20865.0	0.00	99.97
168.0-169.0	41.4	0.9	20865.9	0.00	99.98
169.0-170.0	41.5	0.8	20866.7	0.00	99.98
170.0-171.0	41.7	0.8	20867.5	0.00	99.98
171.0-172.0	41.8	0.7	20868.2	0.00	99.99
172.0-173.0	41.9	0.6	20868.8	0.00	99.99
173.0-174.0	42.1	0.5	20869.3	0.00	99.99
174.0-175.0	42.1	0.4	20869.7	0.00	100.00
175.0-176.0	42.2	0.4	20870.1	0.00	100.00
176.0-177.0	42.3	0.3	20870.4	0.00	100.00
177.0-178.0	42.3	0.2	20870.6	0.00	100.00
178.0-179.0	42.3	0.1	20870.7	0.00	100.00
179.0-180.0	42.4	0.0	20870.7	0.00	100.00

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:

## Candlepower Table

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G0.0	5110.1	5110.1	5110.1	5110.1	5110.1	5110.1	5110.1	5110.1	5110.1	5110.1
G1.0	5111.6	5145.0	5171.0	5187.8	5192.7	5188.5	5166.5	5140.5	5111.9	5075.4
G2.0	5110.3	5177.8	5229.1	5266.8	5271.9	5263.1	5223.2	5170.9	5112.9	5042.6
G3.0	5111.9	5209.3	5290.1	5339.7	5350.5	5334.6	5282.1	5202.4	5114.2	5010.6
G4.0	5112.0	5243.8	5347.7	5411.5	5422.3	5403.2	5334.4	5233.8	5116.9	4978.5
G5.0	5114.7	5275.6	5400.8	5474.9	5491.5	5465.3	5388.5	5263.9	5118.2	4947.2
G6.0	5117.0	5308.9	5453.1	5536.7	5558.1	5527.0	5437.5	5293.1	5123.5	4914.6
G7.0	5120.8	5343.5	5505.5	5598.5	5618.7	5587.0	5486.6	5323.5	5126.4	4883.5
G8.0	5124.6	5374.2	5552.9	5652.3	5675.8	5640.4	5535.1	5354.6	5131.3	4854.1
G9.0	5129.4	5405.5	5595.8	5701.2	5726.4	5691.5	5578.2	5383.0	5136.3	4824.4
G10.0	5133.7	5437.1	5641.2	5752.0	5777.0	5739.8	5624.3	5413.9	5141.2	4796.9
G11.0	5138.6	5469.6	5683.6	5796.8	5821.4	5785.0	5663.8	5443.5	5150.9	4768.4
G12.0	5145.8	5501.4	5723.4	5836.9	5863.9	5826.6	5701.8	5475.6	5157.2	4742.5
G13.0	5153.7	5533.3	5763.4	5877.2	5902.5	5864.1	5741.8	5505.7	5166.8	4716.1
G14.0	5161.2	5563.4	5799.3	5911.5	5936.9	5901.9	5778.1	5533.5	5174.3	4692.4
G15.0	5169.4	5591.4	5833.8	5944.2	5971.5	5932.5	5810.7	5562.2	5183.8	4670.1
G16.0	5179.8	5620.7	5863.1	5974.5	6001.4	5965.2	5842.9	5590.6	5195.5	4646.8
G17.0	5191.3	5648.0	5891.7	6003.6	6028.1	5993.0	5870.9	5619.3	5204.8	4625.2
G18.0	5201.3	5676.7	5918.8	6029.6	6050.8	6016.4	5900.1	5645.7	5215.9	4603.6
G19.0	5212.5	5703.0	5945.0	6052.2	6073.4	6040.3	5926.2	5674.1	5227.8	4584.1
G20.0	5225.6	5729.9	5967.4	6073.0	6096.6	6063.0	5949.4	5700.7	5239.3	4564.4
G21.0	5236.8	5754.6	5990.0	6093.7	6116.7	6082.6	5972.3	5725.5	5250.1	4546.1
G22.0	5248.8	5779.7	6010.0	6111.6	6135.7	6100.8	5993.1	5749.9	5262.0	4529.7
G23.0	5261.8	5803.7	6028.3	6131.9	6152.7	6120.6	6012.5	5776.2	5275.3	4512.4
G24.0	5274.6	5827.5	6045.5	6148.3	6168.5	6139.8	6030.0	5799.0	5287.5	4496.5
G25.0	5290.0	5849.8	6060.0	6164.3	6183.5	6155.1	6045.3	5823.8	5300.4	4480.1
G26.0	5303.7	5870.9	6075.9	6179.3	6198.0	6174.9	6061.3	5846.8	5312.5	4465.4
G27.0	5317.9	5889.5	6088.3	6193.9	6210.7	6190.7	6074.7	5868.6	5325.7	4448.5
G28.0	5334.6	5910.6	6103.8	6206.0	6221.2	6206.5	6089.1	5890.6	5336.7	4434.0
G29.0	5348.7	5928.9	6117.1	6216.8	6230.7	6222.7	6103.4	5912.8	5351.3	4417.9
G30.0	5364.6	5949.3	6130.7	6223.9	6238.1	6235.9	6118.2	5933.4	5365.2	4402.9
G31.0	5379.8	5965.7	6145.9	6232.5	6241.5	6245.7	6133.5	5954.0	5377.8	4388.7
G32.0	5395.1	5983.5	6160.7	6233.9	6241.5	6255.5	6146.7	5974.1	5392.2	4372.3
G33.0	5410.6	6002.3	6173.3	6236.8	6239.3	6261.0	6162.2	5997.3	5406.5	4355.4
G34.0	5427.2	6020.5	6187.1	6234.4	6235.5	6261.9	6175.4	6018.3	5420.8	4338.8
G35.0	5442.8	6039.5	6199.5	6229.9	6229.6	6261.9	6188.3	6041.3	5434.4	4321.0
G36.0	5460.3	6059.5	6207.6	6222.0	6221.4	6257.1	6200.5	6063.0	5448.9	4300.1

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G37.0	5475.5	6078.7	6217.6	6212.5	6211.2	6251.7	6214.2	6086.5	5463.5	4279.2
G38.0	5492.9	6097.2	6225.4	6199.6	6199.7	6243.0	6224.7	6111.1	5478.3	4256.2
G39.0	5507.5	6118.6	6229.2	6191.3	6190.2	6233.0	6236.9	6137.4	5491.1	4228.6
G40.0	5522.4	6139.5	6234.0	6178.9	6178.9	6222.7	6246.0	6165.7	5503.7	4200.3
G41.0	5536.2	6164.5	6235.7	6167.6	6168.2	6211.5	6253.1	6191.0	5514.9	4169.2
G42.0	5548.3	6188.2	6235.7	6156.9	6157.9	6199.8	6259.6	6220.2	5525.6	4134.3
G43.0	5561.1	6214.1	6235.0	6147.1	6147.4	6187.1	6265.8	6248.2	5535.5	4094.2
G44.0	5569.7	6236.6	6234.7	6138.8	6134.8	6178.7	6269.2	6277.8	5543.0	4050.0
G45.0	5580.9	6261.3	6233.5	6129.5	6123.8	6167.5	6270.1	6303.9	5548.7	4001.6
G46.0	5590.8	6284.9	6230.2	6121.9	6109.3	6161.3	6274.4	6328.8	5555.4	3952.2
G47.0	5599.4	6309.3	6229.5	6111.8	6085.6	6152.9	6275.6	6353.2	5559.3	3895.2
G48.0	5602.9	6331.6	6230.4	6101.4	6055.3	6144.8	6278.7	6376.9	5562.0	3834.4
G49.0	5608.8	6354.9	6234.5	6086.3	6010.2	6135.7	6285.4	6398.9	5564.1	3768.4
G50.0	5613.0	6375.8	6237.8	6063.4	5957.7	6118.5	6291.7	6420.9	5563.1	3697.9
G51.0	5615.5	6396.2	6243.8	6035.1	5890.4	6096.7	6303.1	6441.2	5562.5	3617.8
G52.0	5619.4	6417.4	6254.7	5991.9	5807.3	6065.4	6318.0	6465.1	5562.0	3535.7
G53.0	5620.7	6440.4	6268.3	5941.3	5700.9	6023.3	6336.6	6493.6	5561.1	3445.7
G54.0	5622.8	6463.9	6285.4	5873.4	5577.5	5971.7	6360.5	6521.8	5560.0	3346.4
G55.0	5623.2	6494.5	6307.3	5791.6	5419.9	5905.0	6390.2	6557.0	5559.6	3239.5
G56.0	5622.9	6529.7	6334.2	5686.7	5235.4	5820.6	6428.5	6601.0	5558.6	3126.5
G57.0	5623.6	6566.5	6360.4	5564.4	5014.9	5711.6	6470.8	6648.3	5553.5	3007.1
G58.0	5622.7	6614.2	6389.2	5412.5	4748.5	5573.9	6512.7	6703.8	5547.6	2868.1
G59.0	5619.6	6667.9	6415.4	5214.3	4438.9	5405.8	6559.1	6764.8	5532.0	2731.4
G60.0	5614.1	6726.5	6441.8	4994.9	4108.1	5189.5	6602.6	6835.6	5506.1	2582.0
G61.0	5604.6	6794.9	6463.3	4730.7	3733.6	4932.5	6648.0	6908.6	5455.9	2421.5
G62.0	5579.7	6878.5	6473.7	4404.0	3284.8	4623.1	6682.7	6980.3	5374.5	2257.6
G63.0	5525.2	6963.1	6479.5	4055.2	2837.8	4252.1	6703.5	7038.0	5292.8	2084.0
G64.0	5456.3	7042.8	6455.9	3644.6	2396.7	3853.6	6706.4	7076.7	5226.8	1904.3
G65.0	5375.9	7112.9	6402.6	3214.1	1983.0	3412.5	6668.8	7117.9	5171.0	1735.7
G66.0	5308.8	7168.2	6306.9	2788.3	1645.5	2979.3	6577.2	7181.0	5121.6	1585.6
G67.0	5252.5	7222.1	6131.9	2367.2	1374.8	2552.3	6397.6	7282.0	5065.8	1446.7
G68.0	5199.9	7296.9	5880.7	1984.9	1161.2	2140.6	6099.4	7425.7	4997.1	1311.5
G69.0	5145.3	7410.4	5516.7	1642.2	1007.5	1800.4	5698.7	7614.9	4897.2	1192.8
G70.0	5073.5	7557.7	5073.2	1377.6	884.1	1505.4	5199.6	7794.1	4759.9	1078.1
G71.0	4968.4	7737.4	4517.6	1161.8	786.5	1277.1	4682.9	7973.9	4580.1	974.6
G72.0	4833.7	7934.5	3964.8	1002.2	704.4	1094.2	4142.1	8095.7	4306.5	869.9
G73.0	4650.1	8099.1	3437.7	877.8	630.1	950.3	3653.0	8112.7	3930.3	784.4

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G74.0	4379.0	8221.6	2932.0	772.1	565.9	828.1	3198.6	7912.2	3440.4	706.0
G75.0	3985.5	8230.0	2497.3	687.9	506.3	729.4	2753.0	7398.2	2943.3	630.7
G76.0	3504.7	8020.7	2129.7	608.8	451.8	645.3	2376.3	6658.4	2487.4	560.4
G77.0	3002.9	7542.2	1803.6	539.9	398.6	568.0	2028.5	5774.8	2052.6	494.4
G78.0	2507.7	6835.8	1523.4	473.8	350.6	496.3	1688.1	4852.7	1628.3	432.7
G79.0	2069.2	5934.1	1286.3	415.1	306.2	426.7	1356.9	3887.3	1246.4	353.6
G80.0	1663.4	4983.0	1064.2	359.1	262.1	362.7	1061.5	3000.9	918.9	275.9
G81.0	1245.1	3994.9	863.9	306.2	218.6	303.4	820.6	2170.2	666.4	214.4
G82.0	927.2	3034.9	697.1	253.2	177.8	247.4	628.8	1574.1	467.9	168.8
G83.0	679.1	2252.2	559.0	202.9	139.9	194.6	451.1	1078.3	324.9	129.7
G84.0	475.6	1610.5	425.4	155.2	103.8	142.3	315.5	714.2	214.3	97.1
G85.0	336.5	1141.0	302.6	111.1	69.0	93.5	191.1	438.7	128.9	68.9
G86.0	222.6	741.1	198.5	69.1	37.7	49.0	96.9	223.6	69.0	46.1
G87.0	138.3	446.9	110.7	31.5	13.4	14.8	33.5	84.2	28.2	28.0
G88.0	75.3	228.2	48.1	8.3	4.5	4.3	6.2	10.8	14.0	17.3
G89.0	29.7	60.1	8.8	3.8	3.1	3.1	4.1	8.9	12.2	15.7
G90.0	17.4	8.8	4.3	3.6	2.6	3.3	4.3	9.1	12.6	15.9
G91.0	16.7	8.1	4.5	3.6	3.1	3.6	4.5	9.6	13.2	16.6
G92.0	17.3	8.8	5.0	4.1	3.1	3.6	5.0	10.3	13.8	17.3
G93.0	17.7	9.5	5.2	3.8	3.6	4.1	5.3	10.8	14.5	18.3
G94.0	18.4	10.2	5.5	4.3	3.8	4.1	5.5	11.5	15.1	19.0
G95.0	19.2	10.2	6.0	4.5	4.1	4.5	6.0	12.2	15.9	19.9
G96.0	19.9	10.9	6.2	5.0	4.3	4.5	6.7	12.4	16.5	20.4
G97.0	20.8	11.4	6.4	5.0	4.5	5.0	6.7	13.6	17.2	21.1
G98.0	21.3	12.1	6.7	5.5	5.0	5.3	7.2	14.4	17.8	22.1
G99.0	22.1	12.6	7.4	5.7	5.3	5.5	7.7	14.8	18.4	22.8
G100.0	22.4	13.1	7.6	6.0	5.3	6.0	8.1	15.5	19.1	23.3
G101.0	23.3	14.0	8.1	6.4	5.5	6.2	8.6	16.0	19.6	23.7
G102.0	24.0	14.2	8.3	6.9	6.0	6.7	9.3	17.0	20.4	24.2
G103.0	24.7	15.0	9.0	7.2	6.4	7.2	9.8	17.5	20.8	24.9
G104.0	25.2	15.4	9.5	7.6	6.7	7.4	9.8	17.9	21.3	25.4
G105.0	25.6	15.9	9.8	8.1	6.9	7.7	10.8	18.7	22.1	25.9
G106.0	26.6	16.6	10.5	7.9	7.4	8.1	11.0	19.6	22.7	26.4
G107.0	27.1	17.6	11.0	8.6	7.9	8.8	11.5	20.1	23.0	27.1
G108.0	27.3	17.8	11.4	9.1	8.1	9.3	12.2	20.8	23.4	27.5
G109.0	27.8	18.3	11.9	9.3	8.8	9.6	12.7	21.3	24.1	28.0
G110.0	28.4	19.0	12.1	9.8	8.8	10.0	13.2	22.0	24.4	28.5

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G111.0	28.7	19.2	12.6	10.2	9.3	10.3	13.6	22.5	24.8	29.2
G112.0	29.3	19.9	13.1	10.5	9.5	10.8	14.4	23.0	25.4	29.7
G113.0	29.3	20.4	13.6	11.0	10.0	11.2	14.8	23.4	25.8	30.2
G114.0	30.2	20.9	14.0	11.2	10.5	11.7	15.3	23.9	26.4	31.1
G115.0	30.5	21.4	14.5	11.9	10.7	12.0	15.8	24.6	26.7	31.3
G116.0	30.8	21.9	15.2	12.4	11.5	12.4	16.3	25.1	27.1	32.3
G117.0	31.4	22.3	15.7	12.9	11.7	12.9	16.7	25.6	27.5	32.8
G118.0	31.7	22.8	16.0	13.1	12.2	13.4	17.5	26.1	27.8	33.0
G119.0	32.2	23.0	16.4	13.6	12.4	13.6	17.7	26.3	28.4	33.5
G120.0	32.5	24.0	17.1	13.8	12.9	14.1	18.2	27.0	28.5	34.2
G121.0	32.4	24.2	17.4	14.5	13.1	14.6	18.9	27.5	28.8	34.7
G122.0	32.4	24.7	17.9	14.8	14.1	14.8	19.4	28.0	29.1	35.4
G123.0	32.9	24.9	18.3	15.3	14.3	15.5	19.6	28.2	29.5	36.6
G124.0	32.9	25.4	18.8	15.7	14.6	15.8	20.3	28.5	30.4	37.0
G125.0	33.4	25.9	19.3	16.0	15.0	16.7	20.6	29.2	30.8	37.8
G126.0	33.9	26.1	19.5	16.5	15.5	16.7	21.0	29.7	31.5	38.7
G127.0	34.1	26.6	20.2	16.9	15.8	17.7	21.5	29.9	32.4	39.7
G128.0	34.7	26.8	20.5	17.6	16.5	17.7	22.0	30.4	32.9	40.4
G129.0	34.9	27.3	20.9	17.9	16.7	18.2	22.7	30.6	33.9	41.3
G130.0	35.7	27.5	21.7	18.4	17.4	18.6	23.0	30.9	34.6	41.8
G131.0	35.9	27.8	21.9	18.6	17.7	19.1	23.2	31.3	35.1	42.7
G132.0	36.1	28.3	22.4	19.1	18.1	19.8	23.9	31.6	35.8	43.5
G133.0	36.6	28.7	22.9	19.6	18.4	20.1	24.4	32.0	36.2	43.9
G134.0	36.8	29.0	23.3	20.0	19.1	20.6	24.6	32.0	36.8	44.9
G135.0	37.2	29.4	23.6	20.5	19.6	21.0	25.4	32.3	37.1	44.9
G136.0	37.5	29.7	23.8	21.0	19.8	21.5	25.4	32.8	37.7	45.4
G137.0	37.5	30.2	24.5	21.2	20.3	22.0	26.1	32.8	37.8	45.6
G138.0	37.8	30.4	24.8	21.7	20.8	22.5	26.3	33.2	38.1	45.8
G139.0	38.2	30.6	25.2	22.2	21.2	23.0	27.0	33.2	38.2	45.8
G140.0	38.4	31.1	25.7	23.1	21.7	23.2	27.3	33.2	38.4	45.6
G141.0	38.4	31.3	26.2	23.4	22.4	23.9	27.7	34.0	38.6	46.1
G142.0	38.5	31.6	26.7	23.6	22.9	24.1	28.0	34.0	38.6	45.8
G143.0	38.6	32.1	26.9	24.1	23.2	24.9	28.5	34.4	38.7	45.6
G144.0	38.5	32.5	27.6	24.6	23.6	25.1	28.9	34.4	39.1	45.6
G145.0	38.7	32.8	27.9	25.0	24.1	25.8	29.4	34.9	39.1	45.1
G146.0	38.6	32.8	28.3	25.7	24.8	26.3	29.7	34.9	39.1	45.1
G147.0	38.9	33.0	28.8	26.2	25.3	27.0	30.1	35.2	39.1	45.1

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
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Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C22.5	C45.0	C67.5	C90.0	C112.5	C135.0	C157.5	C180.0	C202.5
G148.0	38.9	33.5	29.3	26.7	26.0	27.3	30.6	35.6	39.2	44.6
G149.0	39.1	34.0	30.0	27.2	26.7	28.0	31.1	35.9	39.2	44.9
G150.0	38.8	34.2	30.2	27.7	27.0	28.4	31.6	35.9	39.3	44.9
G151.0	39.2	34.4	30.7	28.6	27.4	29.2	31.8	36.4	39.7	44.6
G152.0	39.3	34.7	31.2	28.9	28.2	29.4	32.5	36.6	39.8	44.2
G153.0	39.2	35.2	31.9	29.6	28.9	30.1	32.8	37.1	39.7	44.2
G154.0	39.4	35.4	32.1	30.3	29.6	30.8	33.0	37.1	39.5	44.2
G155.0	39.3	35.6	32.6	30.5	30.1	31.3	33.5	37.3	39.9	43.9
G156.0	39.4	36.1	33.1	31.0	30.8	31.8	34.0	37.6	39.9	43.9
G157.0	39.5	36.6	33.6	31.9	31.3	32.3	34.7	37.8	40.0	43.9
G158.0	39.7	36.6	33.8	32.7	32.0	33.0	34.7	38.3	40.0	43.9
G159.0	39.5	36.8	34.3	32.9	32.7	33.2	35.4	38.3	40.0	43.7
G160.0	39.8	37.3	35.0	33.4	32.7	33.7	35.6	38.5	40.0	43.7
G161.0	39.8	37.0	35.2	34.1	33.4	34.4	35.9	38.8	40.1	43.7
G162.0	39.9	37.8	35.9	34.8	34.1	34.9	36.6	39.0	40.2	43.5
G163.0	40.1	37.8	36.2	35.1	34.4	35.6	37.1	39.2	40.4	43.5
G164.0	40.2	38.0	36.7	35.5	35.1	36.1	37.1	39.5	40.4	43.5
G165.0	40.1	38.5	37.1	36.2	35.8	36.6	37.6	39.7	40.5	43.5
G166.0	40.2	38.7	37.6	36.7	36.3	37.1	38.0	39.7	40.6	43.2
G167.0	40.9	38.9	37.8	37.2	37.0	37.3	38.3	40.2	40.8	43.2
G168.0	40.5	39.4	38.3	37.7	37.2	37.8	38.5	40.4	40.8	43.2
G169.0	40.5	39.4	38.8	38.2	37.7	38.5	39.2	40.9	40.8	43.0
G170.0	40.9	39.7	39.0	38.6	38.2	39.0	39.5	40.7	40.9	43.0
G171.0	40.8	40.1	39.5	39.1	38.7	39.2	39.7	41.4	40.8	43.0
G172.0	40.8	40.4	40.0	39.3	39.1	39.7	40.2	41.4	41.4	43.0
G173.0	41.4	40.6	40.5	40.1	39.9	40.2	40.7	41.6	41.3	43.0
G174.0	41.1	40.8	40.7	40.3	40.1	40.4	40.7	41.6	41.7	42.7
G175.0	41.4	41.1	40.9	40.8	40.6	40.9	41.1	41.9	41.8	42.5
G176.0	41.5	41.3	41.4	41.5	41.1	41.1	41.6	41.9	41.7	42.7
G177.0	41.9	41.3	41.7	41.5	41.3	41.6	41.6	42.1	41.9	42.5
G178.0	41.9	41.6	41.9	41.5	41.3	41.8	41.6	42.1	41.9	42.7
G179.0	41.7	42.0	42.4	42.2	42.0	42.3	42.3	42.3	41.9	42.3
G180.0	41.8	41.8	42.6	42.4	42.5	42.3	42.6	42.3	41.9	42.0

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	5110.1	5110.1	5110.1	5110.1	5110.1	5110.1	5110.1			
G1.0	5046.5	5028.1	5022.0	5029.3	5048.6	5077.6	5111.6			
G2.0	4987.7	4948.7	4935.4	4950.9	4987.9	5048.1	5110.3			
G3.0	4921.5	4862.6	4843.0	4870.1	4929.5	5018.5	5111.9			
G4.0	4857.7	4780.5	4752.5	4785.7	4868.5	4988.1	5112.0			
G5.0	4795.8	4697.8	4661.1	4706.5	4809.2	4958.9	5114.7			
G6.0	4734.9	4612.4	4573.3	4626.2	4748.9	4931.7	5117.0			
G7.0	4670.6	4528.0	4482.8	4544.5	4689.6	4903.4	5120.8			
G8.0	4610.4	4447.2	4396.4	4464.1	4631.5	4876.6	5124.6			
G9.0	4549.9	4365.6	4308.6	4386.9	4573.9	4850.1	5129.4			
G10.0	4490.4	4289.6	4225.3	4306.8	4516.0	4823.1	5133.7			
G11.0	4433.0	4209.7	4139.8	4227.5	4459.8	4796.5	5138.6			
G12.0	4375.9	4135.5	4058.0	4155.0	4407.6	4773.8	5145.8			
G13.0	4319.5	4058.0	3974.7	4079.5	4354.5	4750.8	5153.7			
G14.0	4265.0	3986.7	3895.4	4008.2	4302.1	4730.5	5161.2			
G15.0	4214.3	3917.3	3821.9	3939.9	4252.2	4709.5	5169.4			
G16.0	4161.9	3848.2	3746.2	3870.8	4201.5	4689.8	5179.8			
G17.0	4113.1	3782.8	3674.6	3805.5	4156.2	4671.7	5191.3			
G18.0	4064.5	3719.2	3606.6	3741.9	4109.8	4653.7	5201.3			
G19.0	4018.3	3654.8	3542.1	3681.2	4064.9	4636.7	5212.5			
G20.0	3971.2	3597.8	3482.2	3620.9	4021.6	4621.7	5225.6			
G21.0	3925.5	3539.6	3421.9	3565.7	3976.9	4608.3	5236.8			
G22.0	3883.3	3489.1	3367.4	3513.1	3937.6	4593.9	5248.8			
G23.0	3841.4	3436.9	3317.3	3462.2	3896.0	4580.8	5261.8			
G24.0	3799.5	3390.6	3270.8	3413.9	3858.7	4567.9	5274.6			
G25.0	3761.2	3347.4	3229.5	3371.1	3820.9	4557.6	5290.0			
G26.0	3722.4	3306.2	3190.3	3329.5	3785.0	4546.6	5303.7			
G27.0	3685.0	3267.1	3156.4	3291.7	3749.2	4536.8	5317.9			
G28.0	3649.6	3232.5	3123.7	3256.1	3715.9	4526.7	5334.6			
G29.0	3616.0	3199.4	3094.6	3221.2	3684.3	4518.6	5348.7			
G30.0	3580.8	3166.0	3067.6	3190.1	3652.1	4507.3	5364.6			
G31.0	3548.6	3135.4	3039.2	3159.1	3620.2	4498.2	5379.8			
G32.0	3514.1	3105.2	3012.0	3129.4	3588.9	4488.7	5395.1			
G33.0	3479.6	3074.2	2984.6	3099.5	3557.8	4478.1	5410.6			
G34.0	3446.3	3042.7	2955.7	3068.7	3527.2	4468.1	5427.2			
G35.0	3409.8	3008.8	2926.8	3037.1	3494.0	4455.2	5442.8			
G36.0	3374.1	2975.0	2892.4	3004.1	3460.2	4444.2	5460.3			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	3334.1	2937.1	2860.7	2969.7	3426.7	4430.6	5475.5			
G38.0	3292.7	2897.5	2823.5	2934.1	3390.9	4415.5	5492.9			
G39.0	3251.3	2855.7	2784.8	2895.6	3351.2	4397.3	5507.5			
G40.0	3203.4	2810.9	2741.6	2852.8	3312.6	4378.9	5522.4			
G41.0	3155.8	2763.5	2698.4	2809.1	3267.4	4358.8	5536.2			
G42.0	3100.8	2709.3	2648.0	2759.3	3222.7	4332.2	5548.3			
G43.0	3044.4	2653.5	2595.5	2707.0	3168.9	4303.1	5561.1			
G44.0	2981.8	2592.7	2538.5	2648.2	3116.0	4270.3	5569.7			
G45.0	2914.6	2525.0	2474.7	2583.9	3056.7	4234.4	5580.9			
G46.0	2844.9	2449.9	2404.1	2517.9	2995.7	4194.7	5590.8			
G47.0	2770.4	2369.5	2331.0	2441.4	2927.1	4150.0	5599.4			
G48.0	2683.2	2285.1	2249.6	2362.2	2853.9	4100.5	5602.9			
G49.0	2595.4	2195.5	2157.0	2277.8	2772.3	4048.6	5608.8			
G50.0	2497.8	2098.6	2049.9	2185.6	2688.6	3989.5	5613.0			
G51.0	2398.3	1991.6	1942.5	2086.3	2593.2	3924.7	5615.5			
G52.0	2286.6	1879.3	1834.1	1984.7	2496.6	3857.4	5619.4			
G53.0	2176.6	1768.6	1737.2	1871.4	2393.0	3782.6	5620.7			
G54.0	2064.5	1667.0	1643.4	1761.0	2280.8	3706.3	5622.8			
G55.0	1947.6	1568.8	1547.9	1654.8	2166.3	3613.5	5623.2			
G56.0	1829.1	1472.2	1455.3	1553.9	2052.4	3522.1	5622.9			
G57.0	1715.5	1382.1	1359.6	1461.7	1938.3	3422.1	5623.6			
G58.0	1600.5	1294.8	1269.3	1371.8	1816.6	3313.0	5622.7			
G59.0	1480.5	1206.8	1164.1	1281.7	1703.9	3190.8	5619.6			
G60.0	1372.7	1122.7	1024.7	1197.0	1590.3	3061.4	5614.1			
G61.0	1278.4	1040.1	916.8	1116.7	1471.2	2926.5	5604.6			
G62.0	1190.3	944.5	840.7	1034.4	1362.4	2774.6	5579.7			
G63.0	1104.9	851.8	784.8	953.4	1264.3	2615.1	5525.2			
G64.0	1031.1	766.6	740.9	869.3	1172.5	2443.8	5456.3			
G65.0	960.1	702.5	707.2	785.8	1089.0	2256.8	5375.9			
G66.0	893.5	649.3	680.0	710.3	1013.4	2068.5	5308.8			
G67.0	833.5	608.5	655.7	652.2	943.8	1899.2	5252.5			
G68.0	777.3	573.5	634.4	604.4	875.9	1734.6	5199.9			
G69.0	722.1	542.2	613.2	564.0	815.4	1589.7	5145.3			
G70.0	668.3	513.4	593.6	529.1	754.6	1445.7	5073.5			
G71.0	618.0	487.2	570.9	498.5	697.7	1311.7	4968.4			
G72.0	569.0	459.7	549.0	468.3	644.4	1179.0	4833.7			
G73.0	516.8	434.2	525.8	440.8	598.2	1061.3	4650.1			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:



## Candlepower Table (Continue 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	473.3	408.2	500.5	412.9	552.5	950.8	4379.0			
G75.0	432.6	381.8	472.4	387.5	505.4	847.9	3985.5			
G76.0	394.0	356.5	443.7	359.6	464.0	749.6	3504.7			
G77.0	355.2	331.0	412.7	334.2	423.4	656.8	3002.9			
G78.0	316.9	301.9	380.0	306.7	384.6	580.8	2507.7			
G79.0	273.5	274.5	343.0	279.0	345.1	514.0	2069.2			
G80.0	233.1	243.0	296.2	252.0	298.5	449.9	1663.4			
G81.0	194.0	208.2	237.5	223.0	250.4	374.6	1245.1			
G82.0	160.0	171.5	183.6	191.3	209.8	275.8	927.2			
G83.0	121.6	135.9	141.3	160.2	172.0	216.7	679.1			
G84.0	84.8	100.9	106.9	125.3	131.8	167.7	475.6			
G85.0	60.0	70.3	76.6	91.6	97.1	127.0	336.5			
G86.0	40.5	46.0	50.6	63.4	68.2	93.8	222.6			
G87.0	25.0	25.0	26.5	40.2	47.1	64.8	138.3			
G88.0	15.0	9.8	9.3	20.8	29.7	41.6	75.3			
G89.0	12.9	8.1	6.2	9.3	17.7	23.9	29.7			
G90.0	13.1	7.4	5.3	8.1	13.4	15.8	17.4			
G91.0	13.8	7.9	5.0	7.9	13.2	15.3	16.7			
G92.0	14.3	8.6	5.7	8.1	13.6	15.5	17.3			
G93.0	15.2	9.1	6.4	8.8	14.1	16.7	17.7			
G94.0	16.2	9.8	6.7	9.6	14.8	17.5	18.4			
G95.0	16.7	10.2	7.6	10.3	15.8	18.2	19.2			
G96.0	17.6	11.0	8.4	11.2	16.5	19.1	19.9			
G97.0	18.3	11.9	8.8	11.5	17.5	19.6	20.8			
G98.0	19.0	12.6	9.5	12.4	17.9	20.3	21.3			
G99.0	20.0	13.6	10.5	13.1	18.9	21.0	22.1			
G100.0	20.7	14.1	11.2	13.9	19.6	22.0	22.4			
G101.0	21.4	14.8	11.9	14.8	20.3	22.5	23.3			
G102.0	22.1	16.0	12.6	15.3	21.0	23.2	24.0			
G103.0	23.1	16.9	13.6	16.3	21.5	23.7	24.7			
G104.0	23.8	17.4	14.1	16.7	22.2	24.2	25.2			
G105.0	24.5	18.6	14.8	17.7	22.7	24.6	25.6			
G106.0	25.0	19.1	15.8	18.4	23.4	25.4	26.6			
G107.0	25.9	20.0	16.5	19.1	24.2	25.8	27.1			
G108.0	26.4	20.7	17.4	19.8	24.6	26.3	27.3			
G109.0	27.4	21.7	18.4	20.8	25.4	27.0	27.8			
G110.0	27.9	22.2	19.1	21.5	25.8	27.5	28.4			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	28.6	23.1	20.0	22.2	26.6	28.0	28.7			
G112.0	29.3	23.8	20.8	23.0	27.3	28.5	29.3			
G113.0	29.8	24.6	21.5	23.4	28.0	29.4	29.3			
G114.0	30.7	25.3	22.4	24.1	28.2	29.7	30.2			
G115.0	31.4	26.0	22.9	24.6	28.9	30.4	30.5			
G116.0	31.9	26.7	23.6	25.6	29.4	31.1	30.8			
G117.0	32.6	27.2	24.3	26.1	30.1	31.3	31.4			
G118.0	33.1	27.9	25.1	26.5	30.6	32.0	31.7			
G119.0	33.8	28.6	25.8	27.3	31.1	32.8	32.2			
G120.0	34.5	29.3	26.5	27.7	31.6	33.2	32.5			
G121.0	35.2	30.3	27.2	28.7	32.0	33.2	32.4			
G122.0	35.9	30.8	27.7	29.2	32.5	34.2	32.4			
G123.0	36.4	31.2	28.6	29.6	33.0	34.9	32.9			
G124.0	36.9	31.9	29.4	30.4	33.7	35.2	32.9			
G125.0	37.6	32.9	29.8	31.1	34.4	36.1	33.4			
G126.0	38.1	33.1	30.6	31.6	35.2	36.8	33.9			
G127.0	38.8	33.9	31.5	32.0	36.1	37.8	34.1			
G128.0	39.3	34.8	32.0	32.8	36.6	38.8	34.7			
G129.0	39.8	35.1	32.7	33.0	37.3	39.7	34.9			
G130.0	40.5	35.8	32.9	33.7	38.5	40.9	35.7			
G131.0	40.7	36.0	33.4	34.2	39.2	42.1	35.9			
G132.0	41.7	36.7	34.1	34.7	39.9	42.3	36.1			
G133.0	41.7	37.2	34.6	35.4	40.9	43.3	36.6			
G134.0	42.1	37.7	35.1	36.1	41.6	44.0	36.8			
G135.0	42.6	37.9	35.8	36.8	42.1	44.5	37.2			
G136.0	43.1	38.4	36.3	37.5	42.8	45.0	37.5			
G137.0	43.3	39.1	36.8	38.2	43.3	45.4	37.5			
G138.0	43.8	39.6	37.5	38.7	43.8	45.7	37.8			
G139.0	44.5	40.1	37.9	39.4	44.2	45.9	38.2			
G140.0	44.8	40.8	38.9	40.2	44.5	45.9	38.4			
G141.0	45.0	41.5	39.4	40.9	45.0	45.9	38.4			
G142.0	45.5	41.5	40.1	41.8	45.2	45.9	38.5			
G143.0	45.7	42.4	40.8	42.1	45.7	45.7	38.6			
G144.0	45.7	42.7	41.3	42.8	45.7	45.7	38.5			
G145.0	45.7	43.4	42.3	43.0	45.9	45.4	38.7			
G146.0	46.2	43.9	42.3	43.8	45.9	45.2	38.6			
G147.0	46.2	44.1	43.2	44.0	46.2	45.2	38.9			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	46.2	44.6	43.7	44.7	45.9	45.0	38.9			
G149.0	46.4	45.1	43.9	44.7	45.9	44.7	39.1			
G150.0	46.2	45.1	44.4	45.2	45.9	44.7	38.8			
G151.0	46.0	45.5	44.6	45.7	45.7	44.5	39.2			
G152.0	46.0	45.5	44.9	45.7	45.7	44.7	39.3			
G153.0	46.0	45.8	45.3	45.7	45.7	44.5	39.2			
G154.0	46.0	45.8	45.6	45.7	45.7	44.2	39.4			
G155.0	46.0	46.0	45.6	45.9	45.7	44.2	39.3			
G156.0	45.7	45.8	45.6	45.7	45.4	44.0	39.4			
G157.0	45.7	46.0	45.8	45.9	45.4	44.0	39.5			
G158.0	45.5	46.0	45.6	45.7	45.4	44.0	39.7			
G159.0	45.2	45.8	45.8	45.7	45.2	43.8	39.5			
G160.0	45.2	45.8	45.6	45.9	45.0	43.5	39.8			
G161.0	45.2	45.8	45.6	45.7	44.7	43.8	39.8			
G162.0	45.0	45.5	45.6	45.7	44.7	43.3	39.9			
G163.0	45.0	45.5	45.6	45.7	44.7	43.5	40.1			
G164.0	44.8	45.5	45.6	45.7	44.7	43.3	40.2			
G165.0	44.8	45.3	45.3	45.4	44.5	43.3	40.1			
G166.0	44.5	45.3	45.1	45.4	44.5	43.5	40.2			
G167.0	44.5	45.1	45.1	45.2	44.2	43.3	40.9			
G168.0	44.5	45.1	44.9	45.2	44.2	43.3	40.5			
G169.0	44.5	44.8	44.9	44.5	44.0	43.3	40.5			
G170.0	44.5	44.6	44.6	44.7	44.0	43.5	40.9			
G171.0	44.0	44.6	44.9	44.5	44.0	43.5	40.8			
G172.0	44.0	44.4	44.2	44.5	43.8	43.3	40.8			
G173.0	44.0	44.1	44.2	44.0	44.0	43.3	41.4			
G174.0	43.8	44.1	44.2	44.0	43.8	43.3	41.1			
G175.0	43.6	43.6	43.9	44.0	43.3	43.3	41.4			
G176.0	43.3	43.6	43.7	43.5	43.3	43.3	41.5			
G177.0	43.3	43.4	43.2	43.3	43.3	42.8	41.9			
G178.0	43.1	43.4	43.2	43.0	42.8	42.8	41.9			
G179.0	42.9	42.9	43.0	42.8	42.6	42.3	41.7			
G180.0	42.6	42.4	42.5	42.6	42.3	42.6	41.8			

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature:  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 8.190 m  
 Humidity:  
 Inspector: