

Report No.:

Test Time: 2024/5/8 星期三 16:03

## Luminaire Property

Luminaire Manufacturer:

Voltage: 276.9 V

Power: 296.20 W

Current: 1.074 A

Power Factor: 0.996

## Photometric Results

CIE Class: Direct

Measurement Flux: 49021 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%): H120.7,H76.1

Vertical Diffuse Angle(10%,50%): V121.1,V76.3

Luminaire Efficacy Rating (LER): 165.55

Max. Intensity: 29897.96 cd

S/MH(C0/C180): 1.14

Total Rated Lamp Lumens: 49021.0 lm

Efficiency: 100%

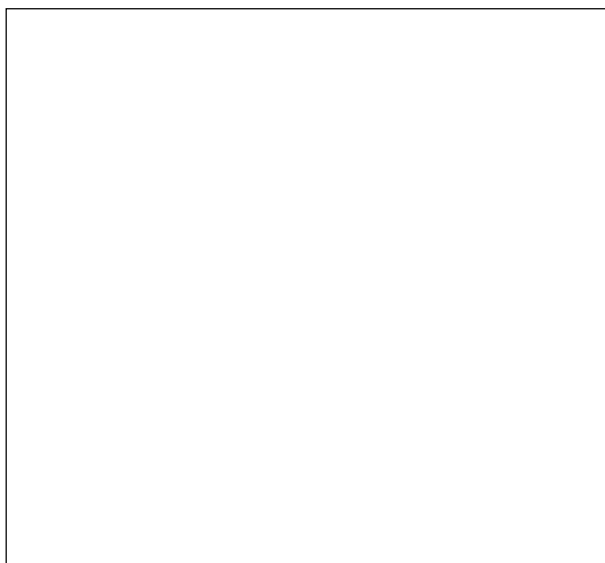
Upward Ratio: 1%

Central Intensity: 29796.33 cd

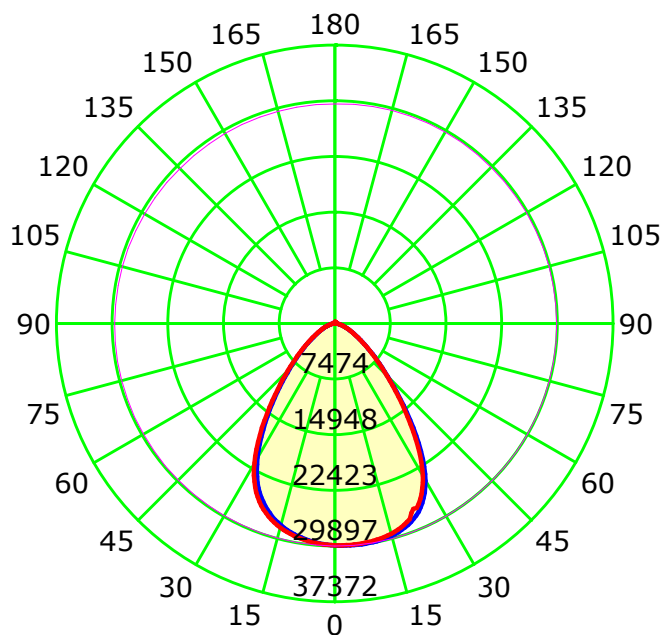
Pos of Max. Intensity: H22.5 V5

S/MH(C90/C270): 1.14

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 76.2°

— C0-C180 — C90-C270 — G5

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

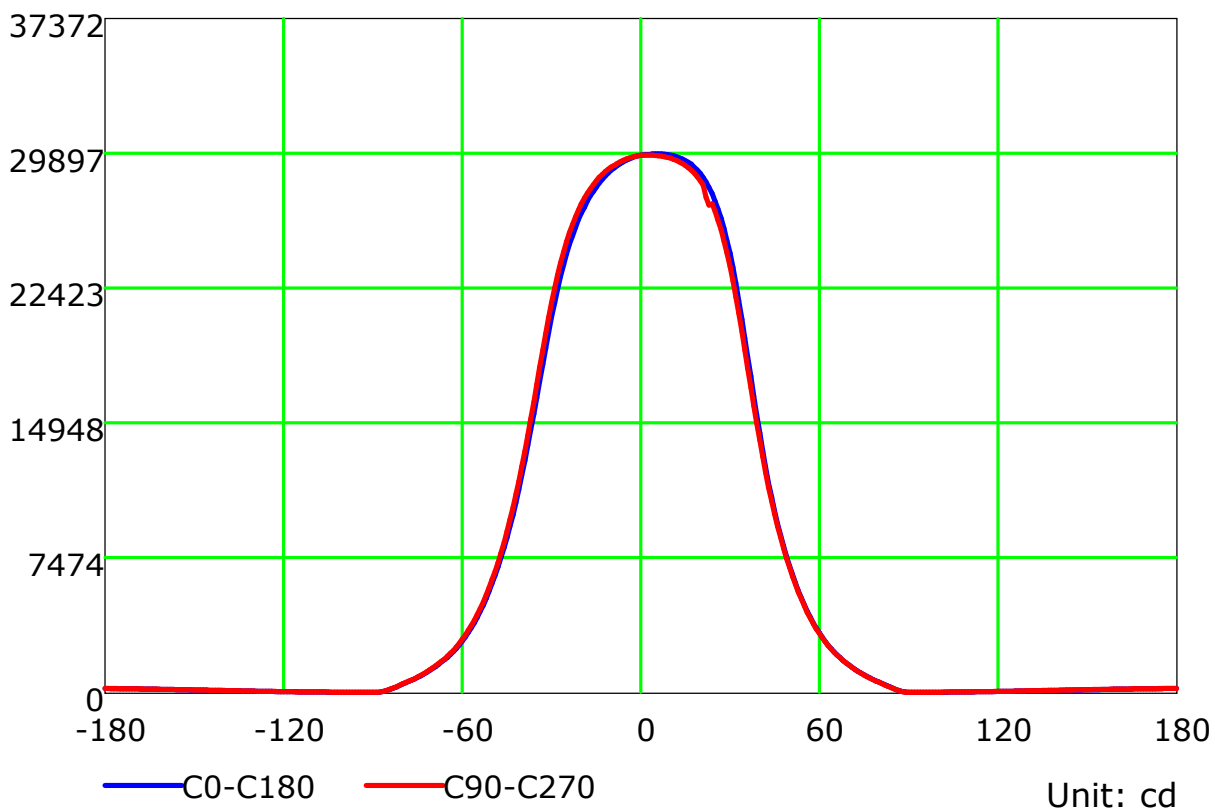
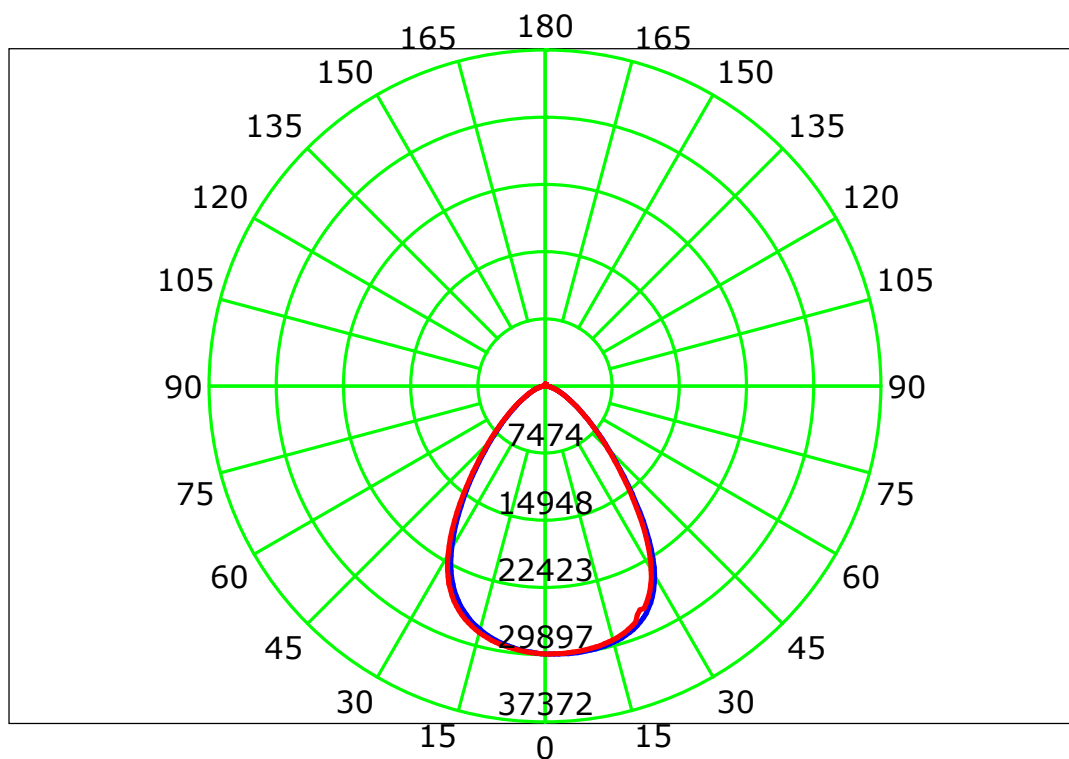
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

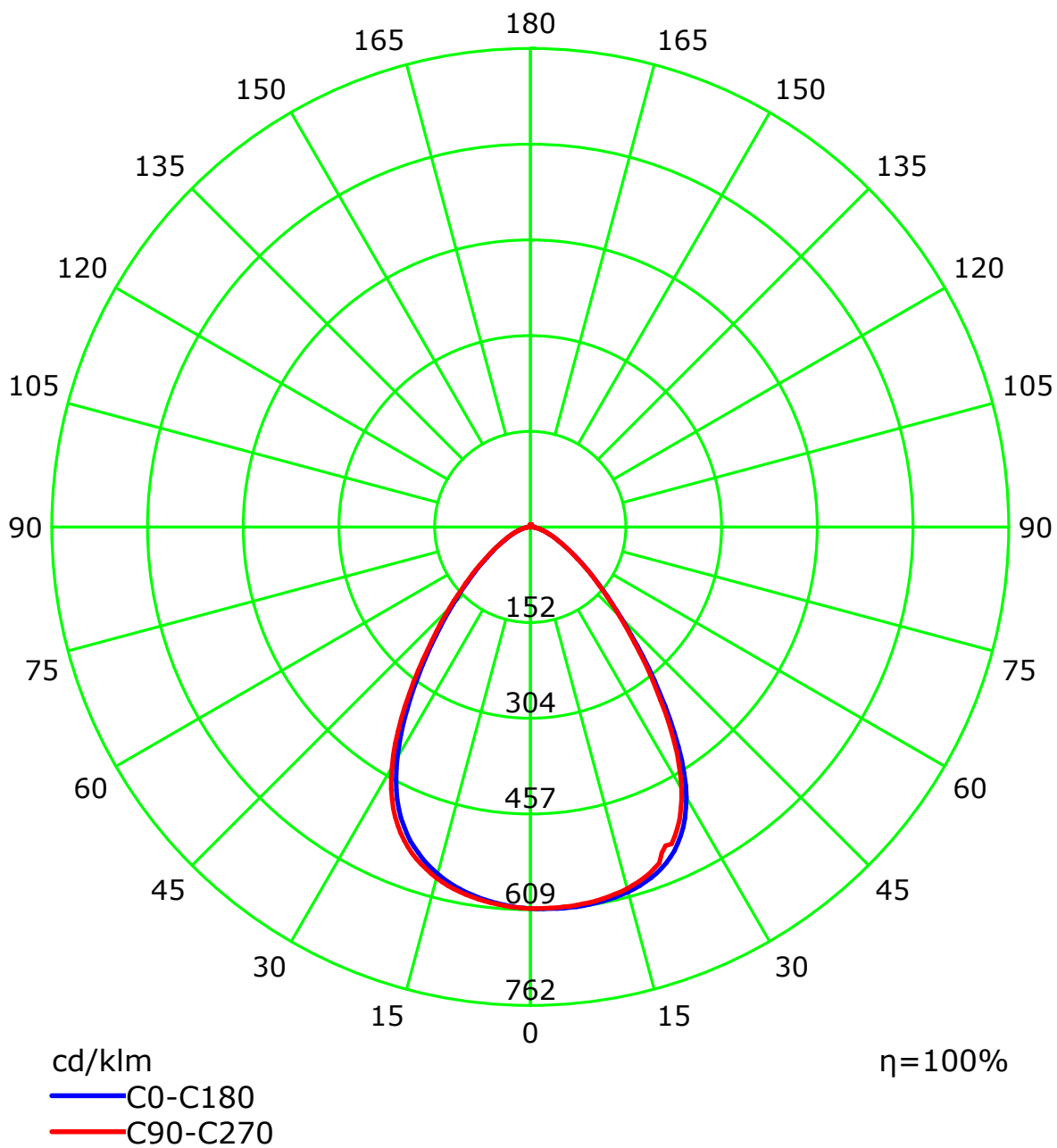
## Luminous Intensity Distribution Curve



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:

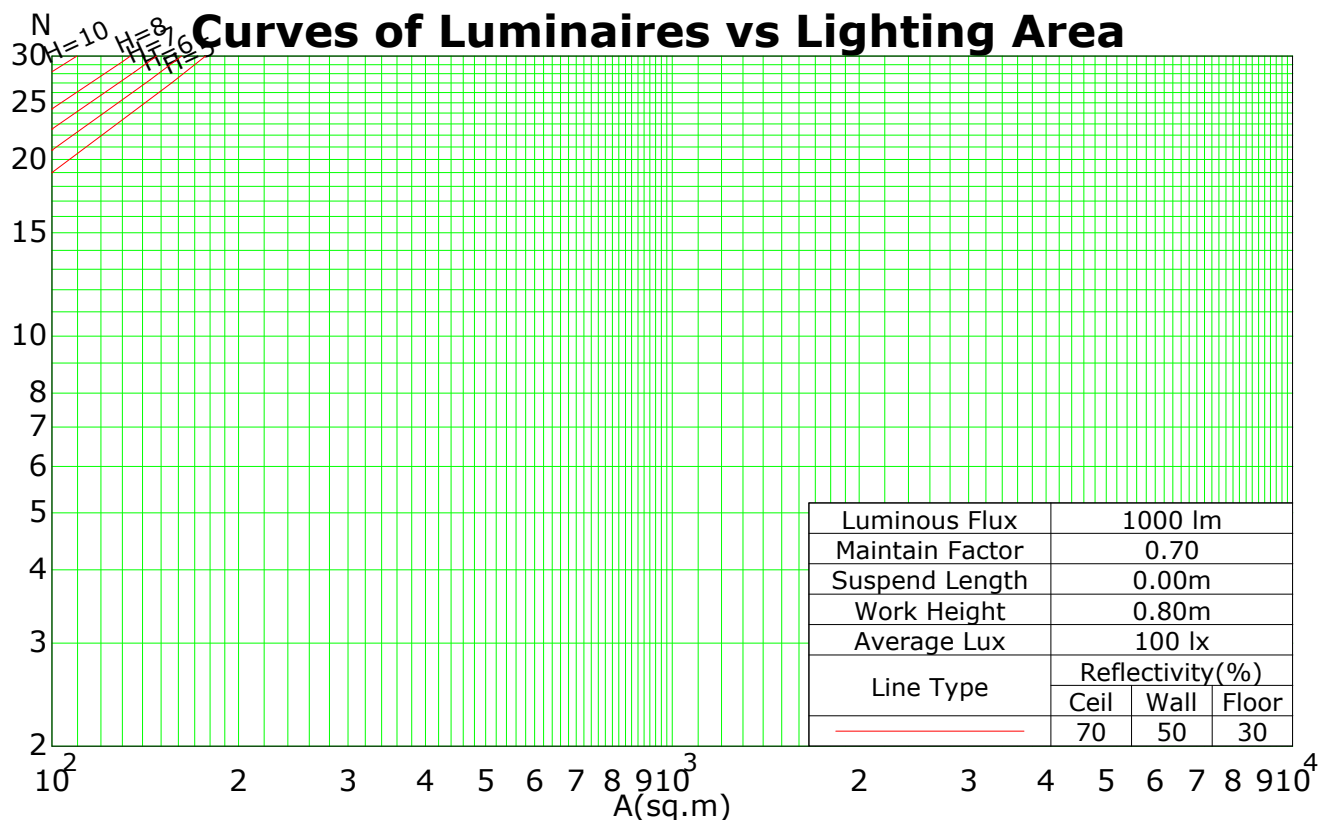
## Coefficients Of Utilization - Zonal Cavity Method

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	111	108	105	102	109	106	103	100	101	99	97	97	95	94	94	92	91	89
2	104	98	92	88	101	96	91	87	92	88	85	89	86	83	86	83	81	79
3	97	88	82	77	94	87	81	76	84	79	75	81	77	74	79	75	72	70
4	90	81	74	68	88	79	73	68	77	71	67	75	70	66	73	68	65	63
5	84	74	66	61	82	73	66	61	71	65	60	69	63	59	67	62	59	57
6	79	68	60	55	77	67	60	55	65	59	54	63	58	54	62	57	53	51
7	74	62	55	50	72	62	55	50	60	54	49	59	53	49	57	52	49	47
8	69	58	51	46	68	57	50	45	56	50	45	55	49	45	54	48	45	43
9	65	54	47	42	64	53	46	42	52	46	41	51	45	41	50	45	41	39
10	62	50	43	39	60	50	43	38	49	43	38	48	42	38	47	42	38	36

Spacing Criteria (0-180): 1.14

Spacing Criteria (90-270): 1.14

Spacing Criteria (Diagonal): 1.10



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

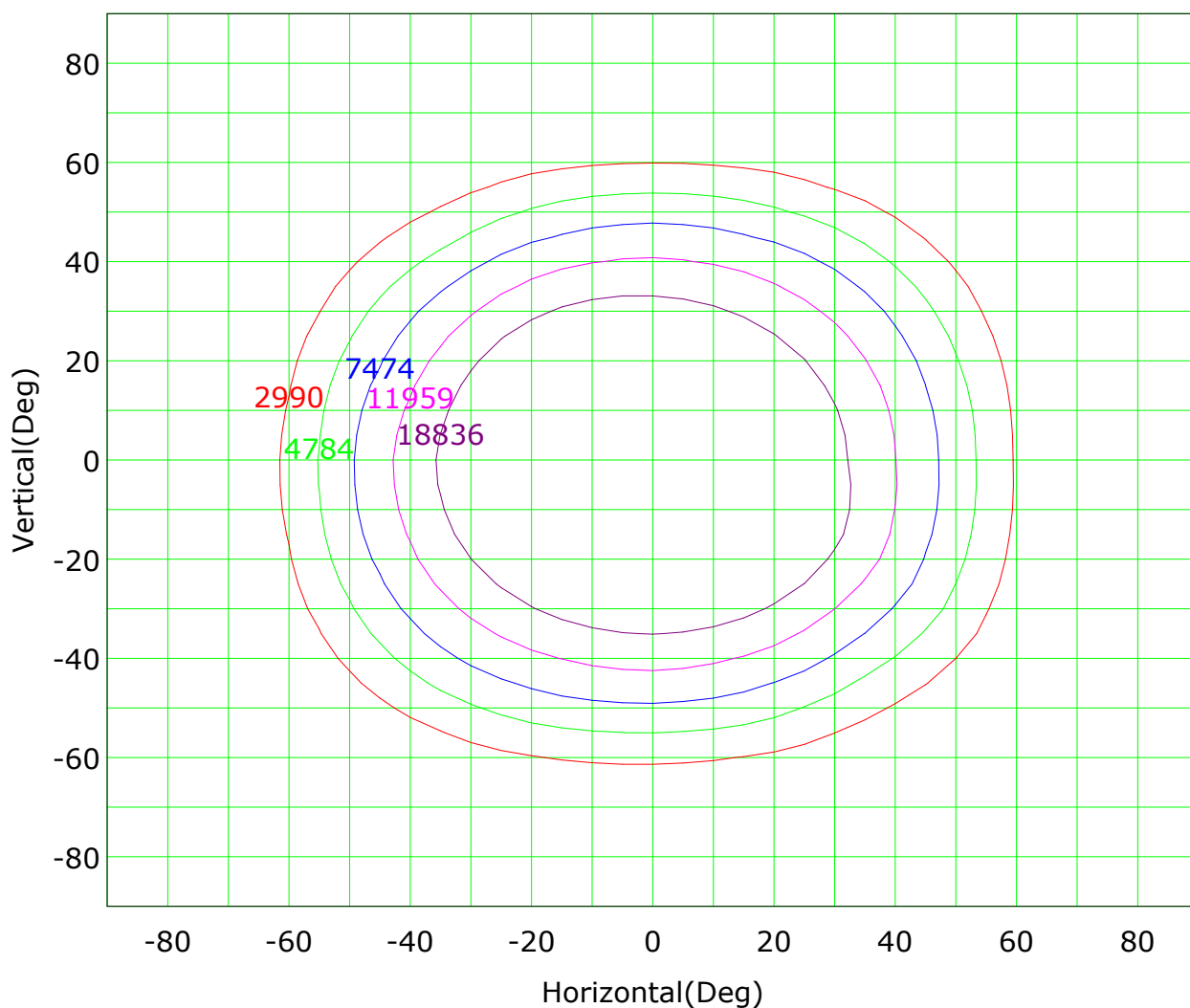
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

## Isocandela (rectangle)



Imax (100%): 29898 cd

( 10%): 2990 cd	( 16%): 4784 cd
( 25%): 7474 cd	( 40%): 11959 cd
( 63%): 18836 cd	(100%): 29898 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

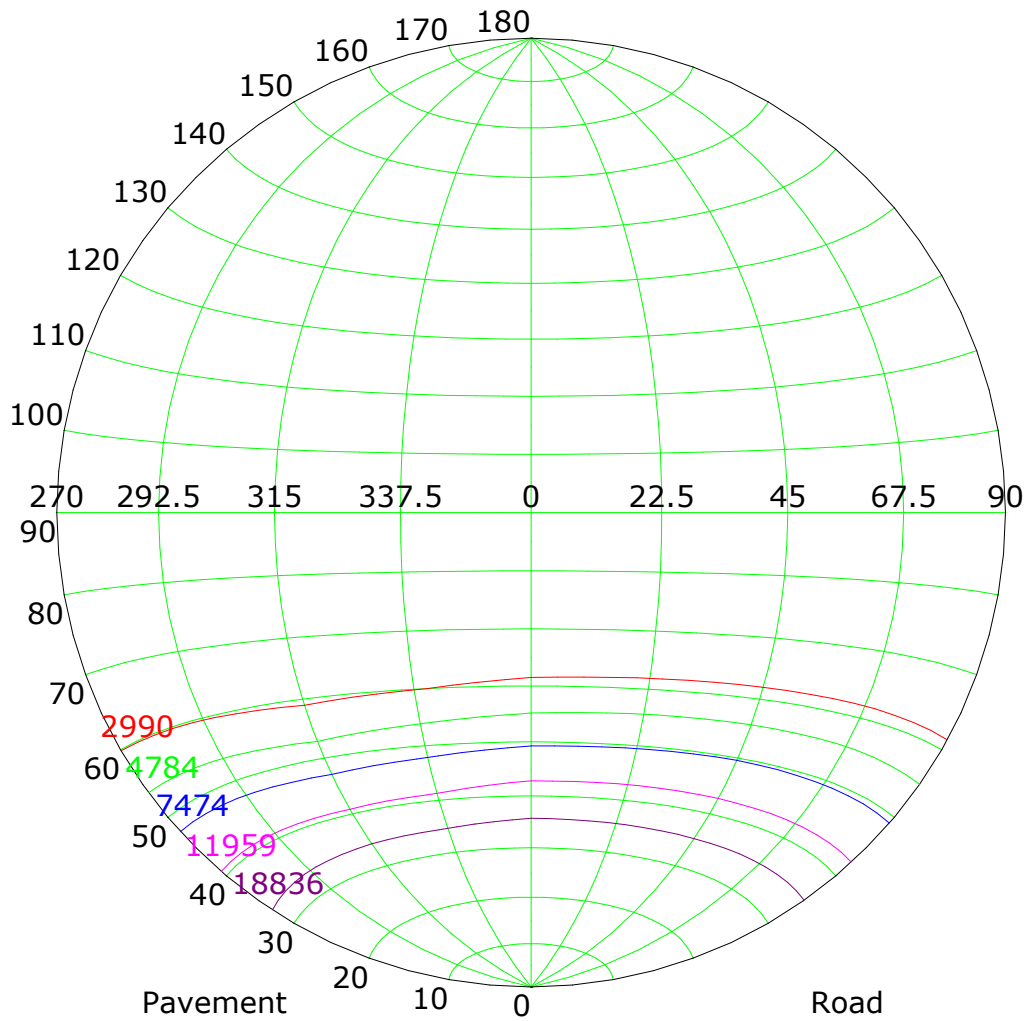
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

## Isocandela (sphere)



Imax (100%): 29898 cd

( 10%): 2990 cd  
( 25%): 7474 cd  
( 63%): 18836 cd

( 16%): 4784 cd  
( 40%): 11959 cd  
(100%): 29898 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

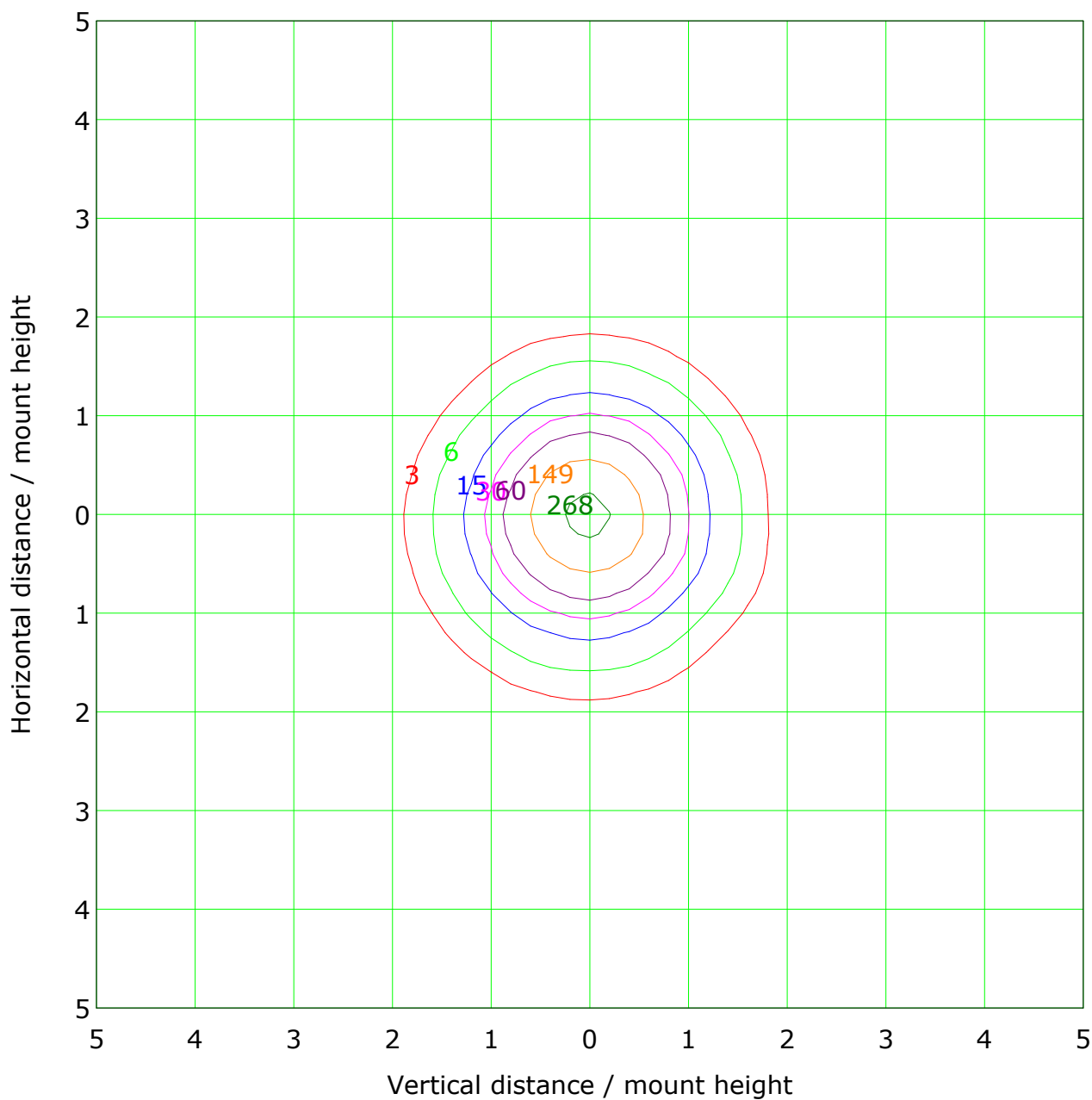
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

## IsoLux Plot



Mounting Height: 10.0m		Max Lux(100%): 298.3 lx	
— ( 1%):	3.0 lx	— ( 2%):	6.0 lx
— ( 5%):	14.9 lx	— ( 10%):	29.8 lx
— ( 20%):	59.7 lx	— ( 50%):	149.1 lx
— ( 90%):	268.5 lx	— (100%):	298.3 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

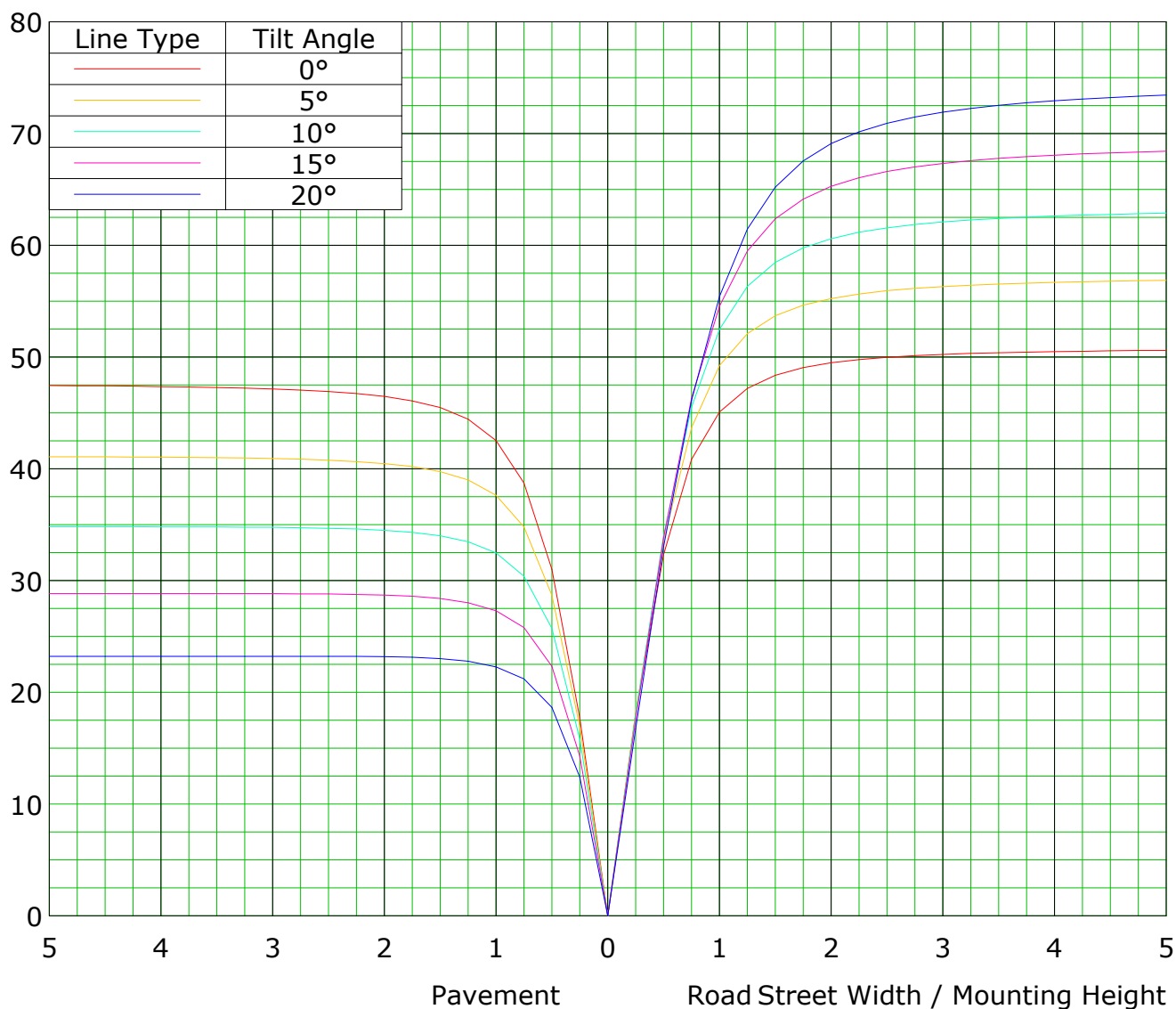
Distance: 8.190 m

Humidity:

Inspector:

## 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:

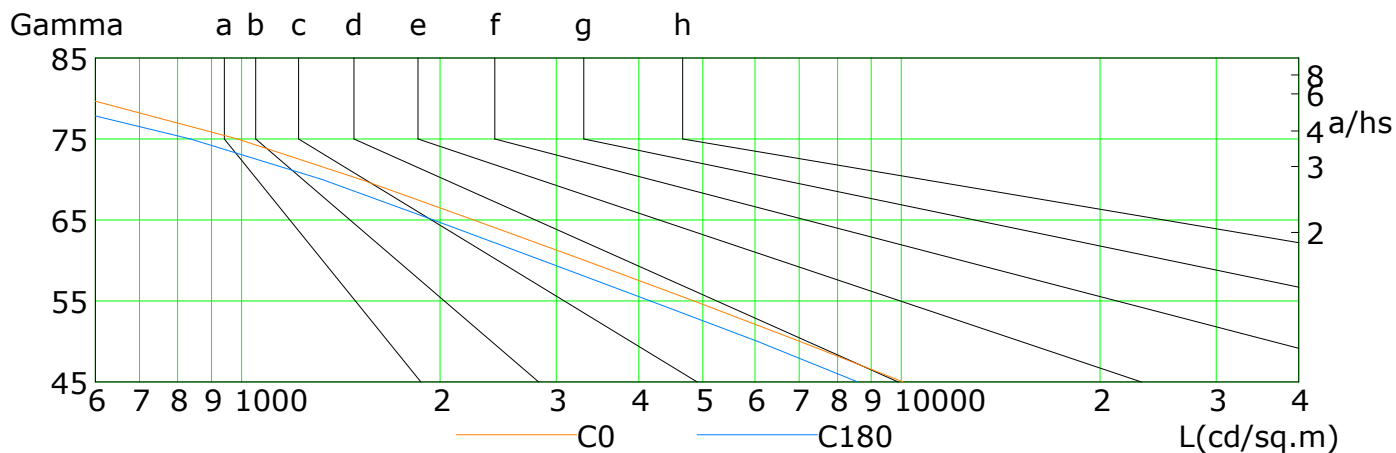
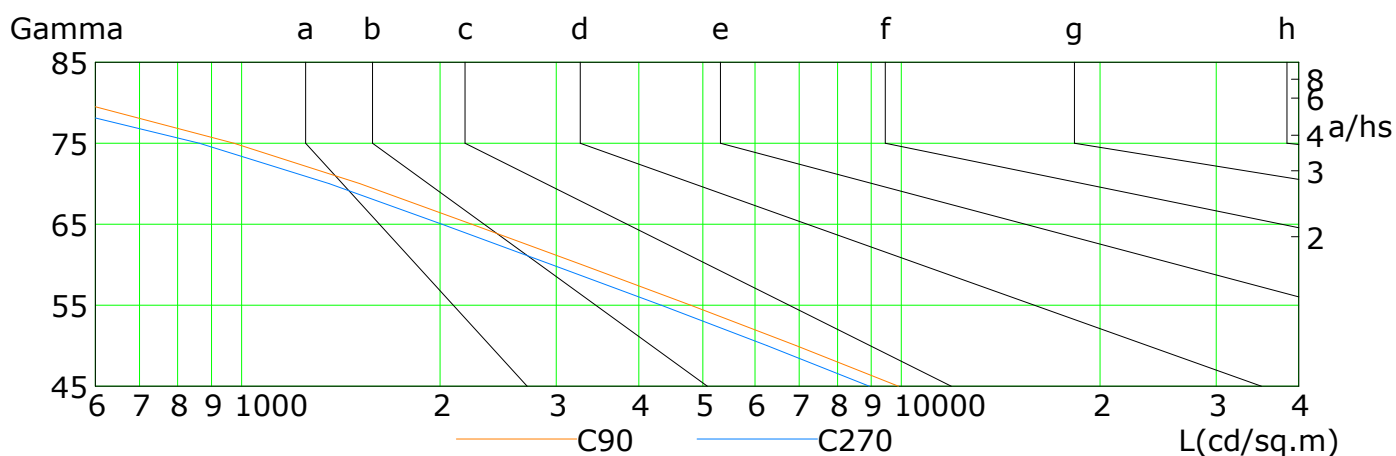
Inspector:



## Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
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	10059	7010	4849	3309	2247	1513	986	579	216
C90	9898	6925	4796	3275	2233	1511	973	569	205
C180	8587	6047	4164	2852	1952	1322	836	469	131
C270	8935	6250	4323	2948	2013	1357	863	481	137

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

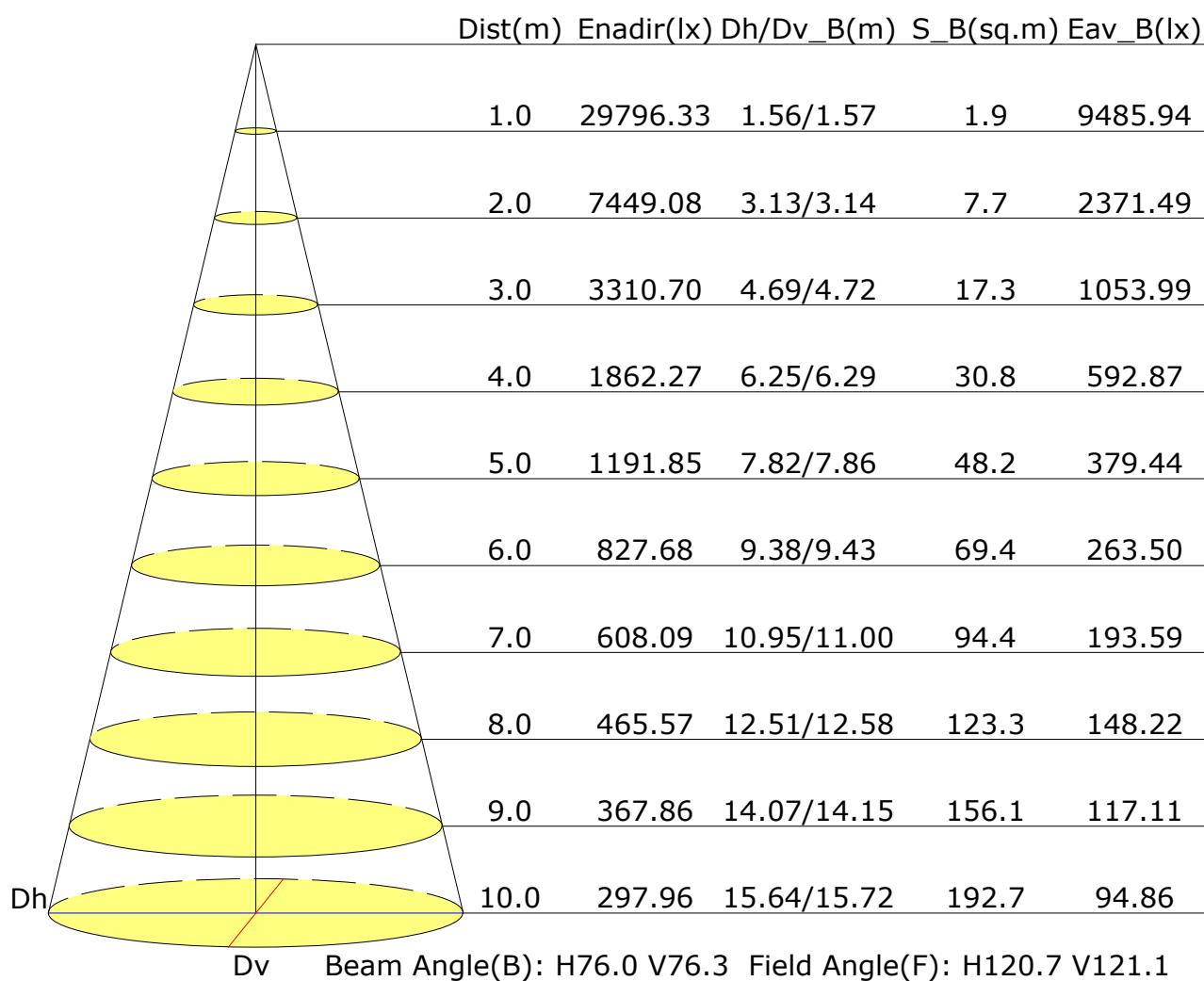
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

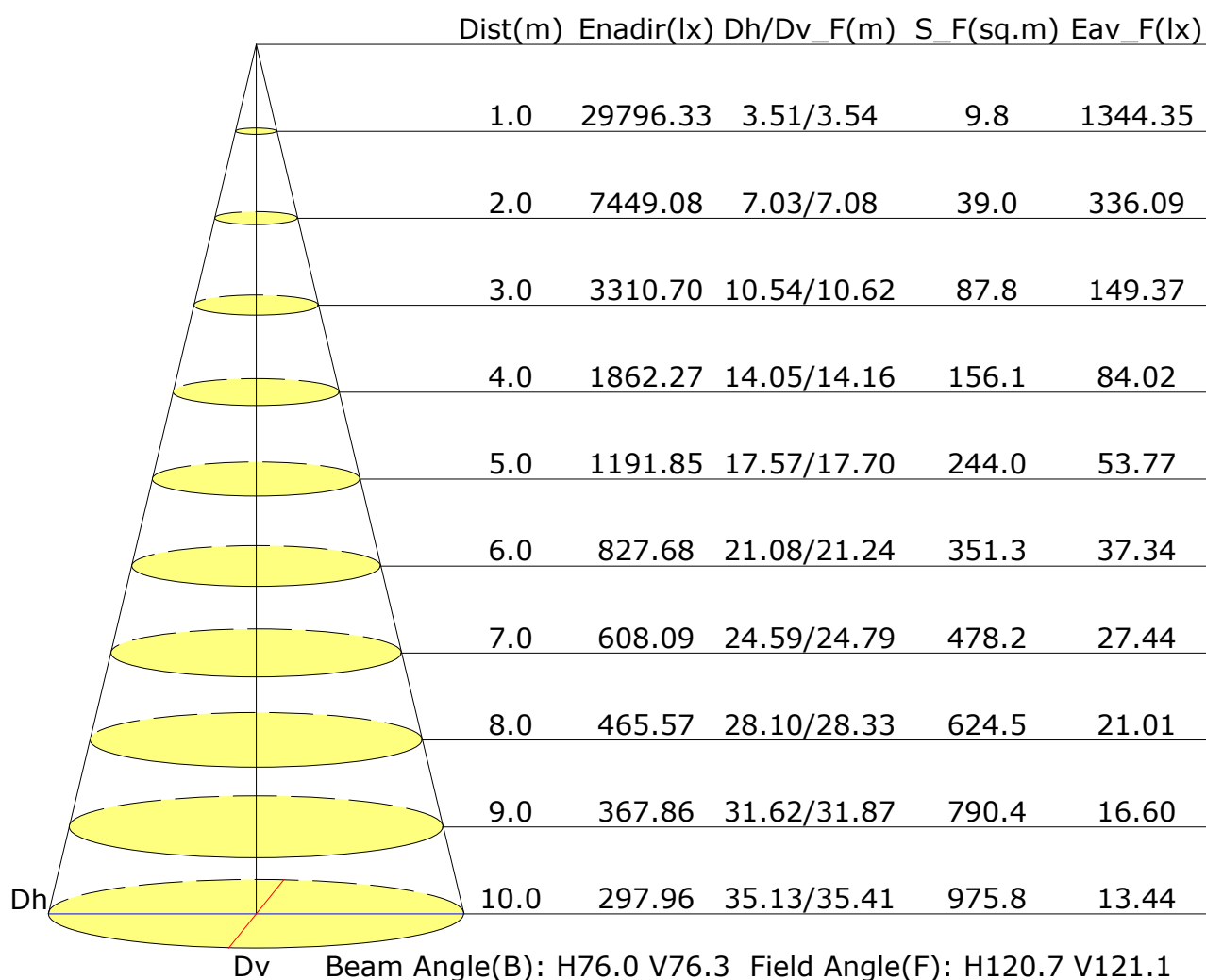
## Illuminance at a Distance(Beam Angle)



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:

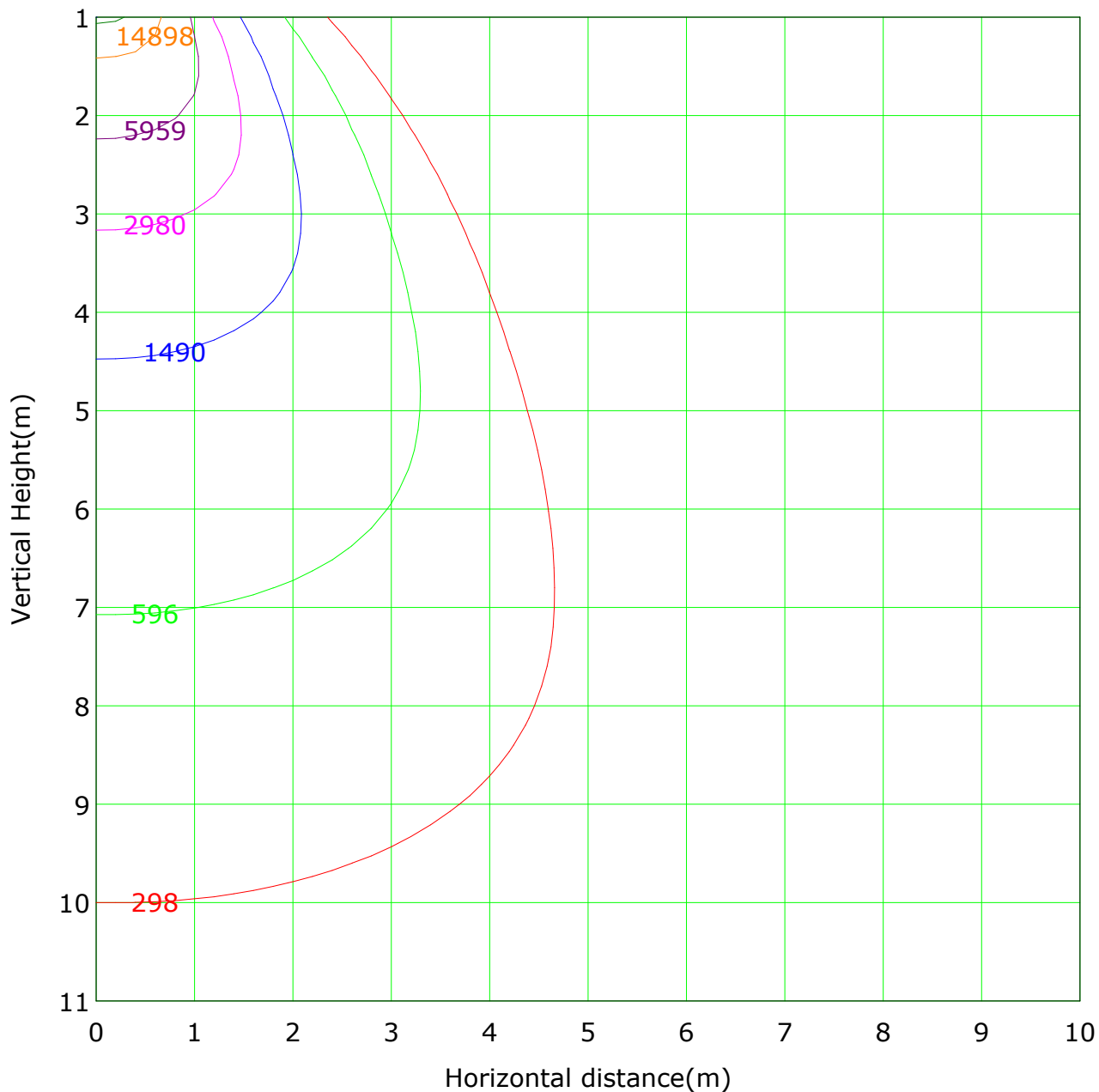
## Illuminance at a Distance(Field Angle)



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: 29796.3 lx

— ( 1%): 298.0 lx	— ( 2%): 595.9 lx
— ( 5%): 1489.8 lx	— ( 10%): 2979.6 lx
— ( 20%): 5959.3 lx	— ( 50%): 14898.2 lx
— ( 90%): 26816.7 lx	— (100%): 29796.3 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

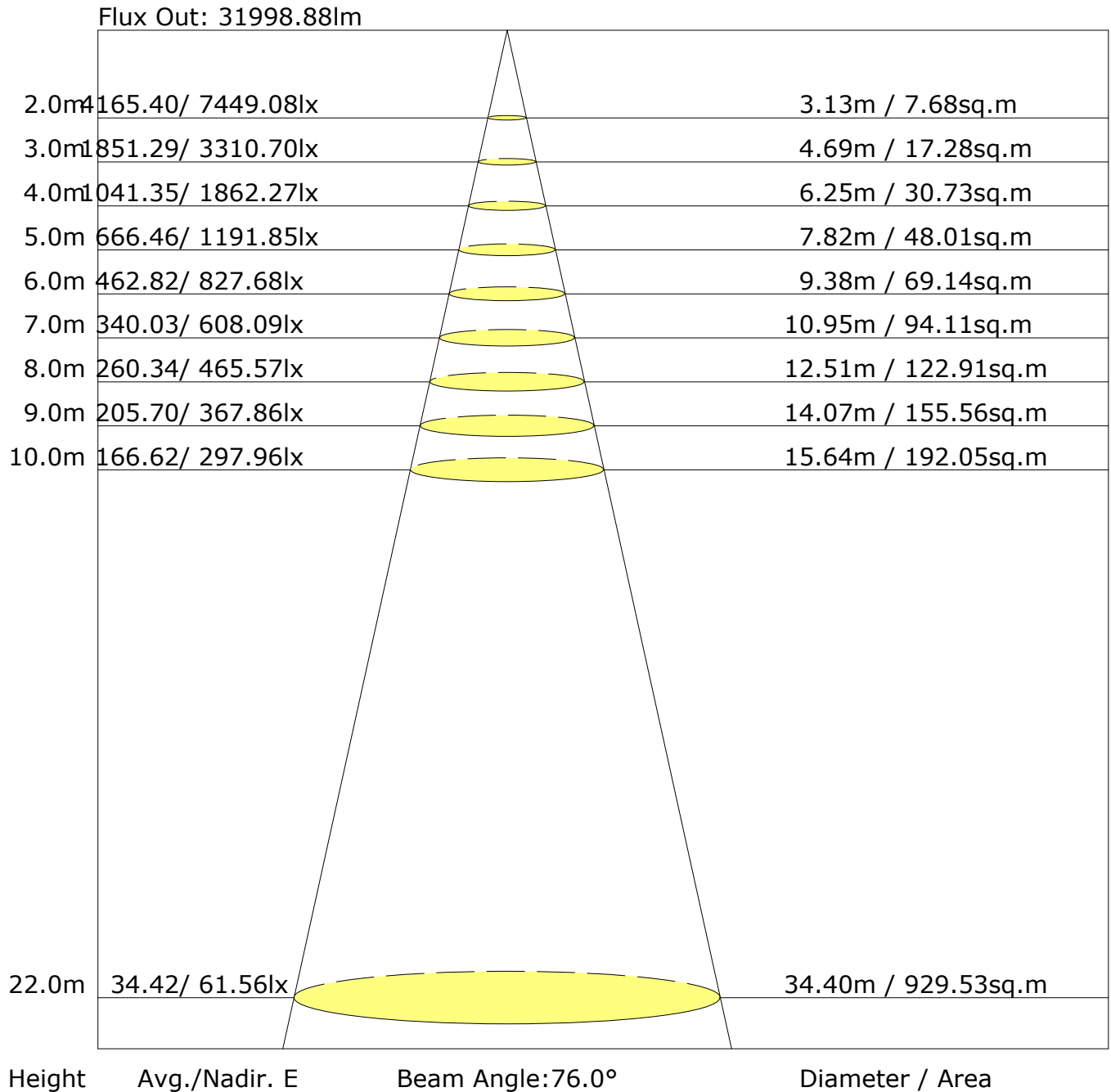
Unit: lm

Vertical plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
Flux(T)	0.0	0.0	0.1	0.2	0.3	0.5	0.6	0.7	0.6	0.6	0.6	0.6	0.5	0.4	0.3	0.3	0.2	0.1	0.0
Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.0	0.1	0.3	1.0	2.0	3.1	4.2	4.9	5.2	5.1	4.7	3.8	2.8	1.7	0.9	0.3	0.1	0.0	40.2
	0.0	0.6	2.8	6.6	11.4	16.4	21.1	24.8	26.6	26.3	24.1	20.2	15.3	10.4	6.1	2.6	0.8	0.1	216.2
	0.1	1.8	6.5	13.8	23.6	35.2	47.1	56.7	62.0	61.6	55.7	45.5	33.4	22.2	13.1	6.2	2.0	0.2	486.6
	0.2	3.1	10.2	22.4	40.4	64.2	91.7	116.8	131.7	131.3	115.5	88.8	60.7	38.5	21.6	10.0	3.3	0.3	950.6
	0.3	4.2	14.1	32.7	63.9	111.6	170.9	228.8	268.3	269.2	229.7	167.1	105.4	62.0	32.4	14.2	4.6	0.5	1780.0
	0.5	5.3	18.1	44.7	95.6	179.4	292.1	413.3	499.7	512.2	437.5	303.3	178.8	95.7	45.5	18.8	5.8	0.6	3146.9
	0.5	6.1	21.7	57.3	131.1	262.0	446.5	625.7	730.8	752.8	685.3	503.2	280.1	137.0	60.7	23.3	6.8	0.7	4731.7
	0.6	6.7	24.6	68.1	164.4	344.6	581.0	756.5	843.0	860.5	812.8	662.4	390.4	180.3	75.0	27.1	7.6	0.8	5806.3
	0.6	7.1	26.1	74.5	185.8	399.2	651.2	810.7	884.6	897.4	855.6	732.0	470.4	213.8	85.1	29.6	8.2	0.9	6332.3
	0.7	7.1	26.4	75.6	190.4	417.1	676.5	829.0	895.0	903.1	861.5	736.2	478.5	219.5	86.8	30.1	8.2	0.9	6442.5
	0.6	6.9	25.3	71.2	175.6	387.1	647.7	804.6	875.1	882.7	827.0	675.1	417.5	195.4	79.8	28.4	7.9	0.9	6108.9
	0.6	6.3	22.8	61.4	142.6	291.9	514.0	701.6	789.1	792.8	710.9	531.5	315.3	155.8	67.2	25.1	7.2	0.8	5136.9
	0.5	5.5	19.3	48.5	101.6	189.1	321.1	466.8	559.0	561.9	478.4	344.0	212.0	112.7	52.3	21.0	6.3	0.7	3500.2
	0.4	4.5	15.3	35.3	66.5	112.7	179.4	248.5	296.2	300.5	260.7	197.6	130.5	74.8	38.0	16.5	5.2	0.5	1983.3
	0.3	3.4	11.2	24.1	41.8	65.5	96.5	126.5	145.0	147.3	132.6	105.4	74.3	46.7	26.0	12.1	3.9	0.4	1063.0
	0.1	2.2	7.4	15.0	24.7	36.7	49.9	61.4	68.2	69.2	64.0	53.5	40.4	27.4	16.3	8.0	2.6	0.2	547.3
	0.1	1.0	3.8	7.7	12.3	17.6	22.8	27.1	29.7	30.1	28.4	24.6	19.4	13.8	8.5	4.1	1.2	0.1	252.6
	0.0	0.2	0.9	1.8	2.9	4.2	5.3	6.3	6.9	7.0	6.7	5.8	4.6	3.2	1.9	0.9	0.3	0.0	58.8
	6.2	72.2	257.0	661.7	1476.2	2937.5	5818.9	9310.7	1115.9	1211.3	1059.5	820.3	622.8	461.1	317.3	278.2	82.0	8.9	48586
	0.0	0.0	0.0	387.0	1259.2	2729.7	4620.3	6114.8	8925.0	1018.6	6399.6	5003.8	3026.8	1397.0	474.0	11.2	0.0	0.0	45367
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal plane																		

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



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

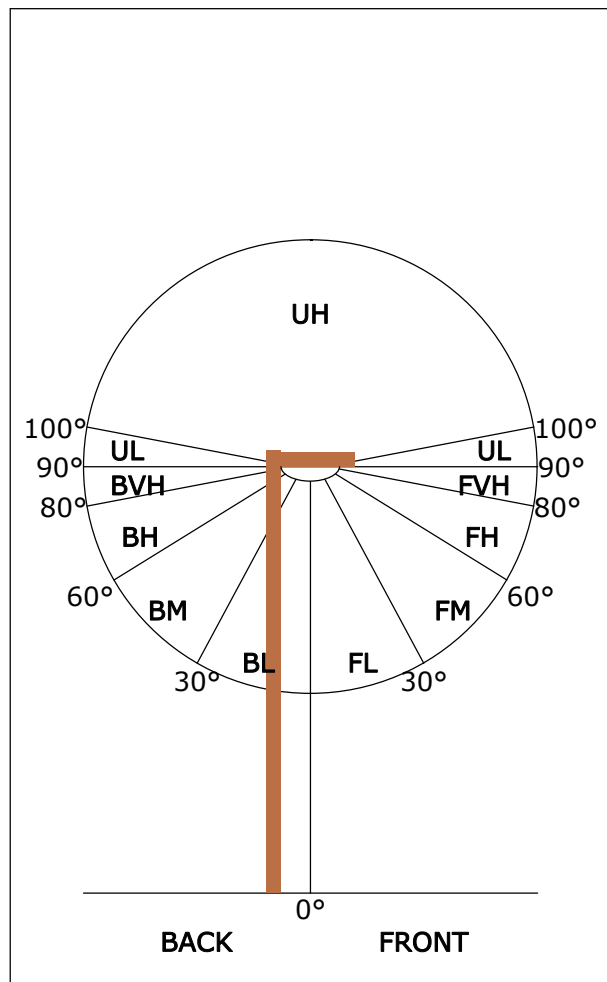
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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 49021lm ( $8\log(F/F_0) = 13.5$ ).

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:

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



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	25097	51.2
FL ( 0°-30°)	11566	23.6
FM (30°-60°)	11769	24.0
FH (60°-80°)	1637	3.3
FVH (80°-90°)	126	0.3
BACK LIGHT	23495	47.9
BL ( 0°-30°)	11182	22.8
BM (30°-60°)	10746	21.9
BH (60°-80°)	1472	3.0
BVH (80°-90°)	94	0.2
UP LIGHT	429	0.9
UL (90°-100°)	10	0.0
UH (100°-180°)	419	0.9
TRAPPED LIGHT	NA	NA

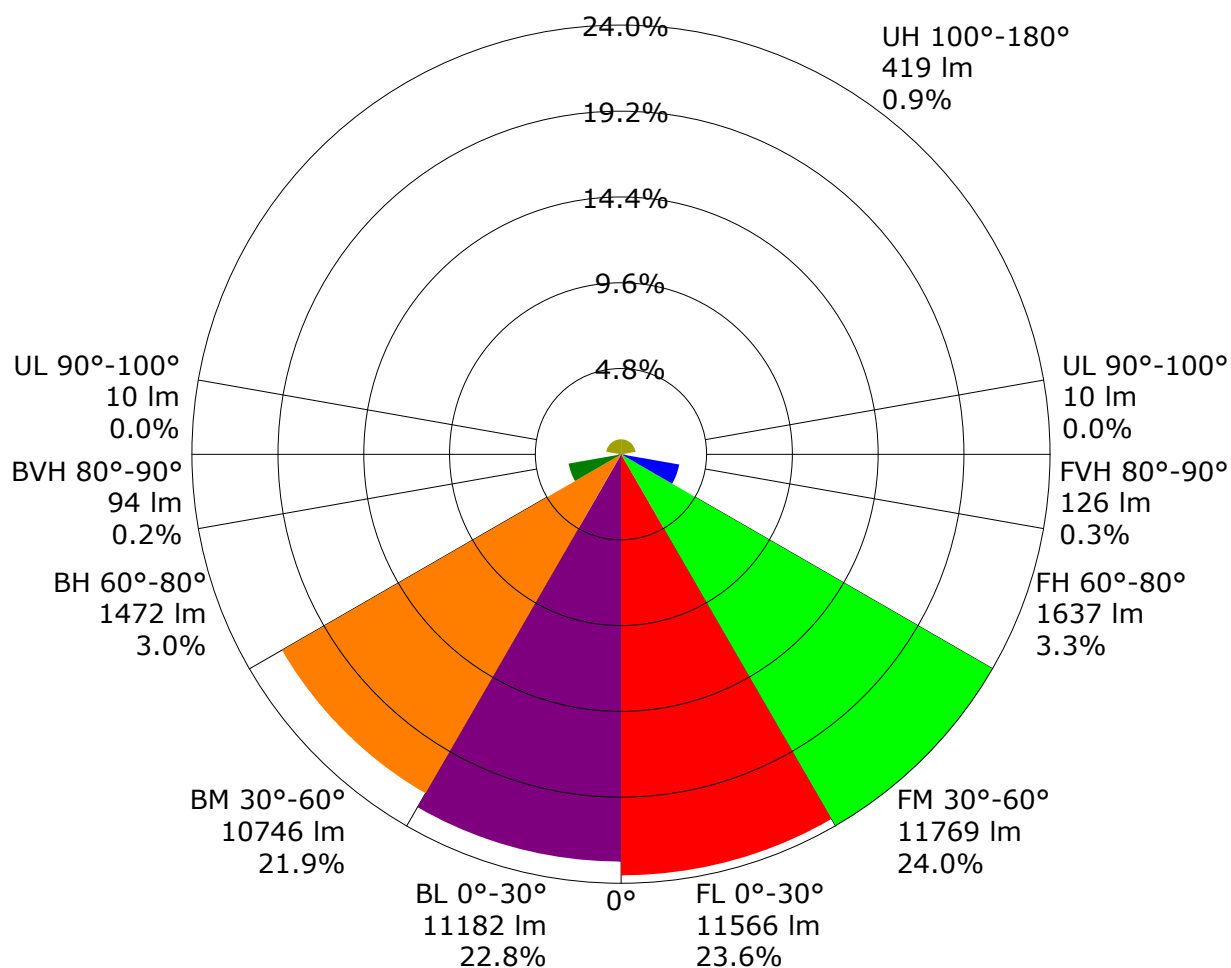
BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B5 U3 G3
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U3 G1

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

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Test Device: GPM-1800B  
Distance: 8.190 m  
Humidity:  
Inspector:



## LCS Graph



**Back Light**

**Forward Light**

Scale= MAX LCS%

Trapped Light:NA,NA

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:

## Utilisation Factor Table(Floor cavity)

Utilisation Factors UF(F)			SHR NOM = 1.00									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.70	0.79	0.85	0.90	0.95	0.99	1.02	1.05	1.07	
	0.30		0.64	0.73	0.80	0.84	0.91	0.95	0.98	1.02	1.05	
	0.20		0.59	0.69	0.75	0.80	0.87	0.92	0.95	0.99	1.02	
0.50	0.50	0.20	0.69	0.77	0.83	0.87	0.92	0.96	0.98	1.01	1.03	
	0.30		0.63	0.72	0.78	0.83	0.89	0.92	0.95	0.99	1.01	
	0.20		0.59	0.68	0.74	0.79	0.85	0.89	0.92	0.97	0.99	
0.30	0.50	0.20	0.67	0.76	0.81	0.85	0.90	0.93	0.95	0.97	0.99	
	0.30		0.62	0.71	0.77	0.81	0.86	0.90	0.92	0.95	0.97	
	0.20		0.59	0.68	0.73	0.78	0.84	0.87	0.90	0.94	0.96	
0.00	0.00	0.00	0.57	0.65	0.71	0.75	0.80	0.84	0.86	0.89	0.91	
Rating:296W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

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:

## Utilisation Factor Table(Wall)

Utilisation Factors UF(W)			SHR NOM = 1.00									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.79	0.63	0.53	0.46	0.36	0.30	0.25	0.19	0.16	
	0.30		0.66	0.54	0.46	0.41	0.33	0.27	0.23	0.18	0.15	
	0.20		0.56	0.47	0.41	0.36	0.30	0.25	0.22	0.17	0.14	
0.50	0.50	0.20	0.76	0.60	0.50	0.43	0.34	0.32	0.24	0.18	0.15	
	0.30		0.64	0.52	0.45	0.39	0.31	0.26	0.22	0.17	0.14	
	0.20		0.56	0.46	0.40	0.35	0.29	0.24	0.21	0.16	0.13	
0.30	0.50	0.20	0.73	0.58	0.48	0.41	0.32	0.26	0.22	0.17	0.14	
	0.30		0.62	0.51	0.43	0.37	0.30	0.24	0.21	0.16	0.13	
	0.20		0.55	0.45	0.39	0.34	0.27	0.23	0.20	0.15	0.13	
0.00	0.00	0.00	0.43	0.34	0.28	0.25	0.19	0.16	0.13	0.10	0.08	
Rating:296W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

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:

## Utilisation Factor Table(Ceiling cavity)

Utilisation Factors UF(C)			SHR NOM = 1.00									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	0.15	0.17	0.18	0.18	0.20	0.20	0.21	0.22	0.22	
	0.30		0.10	0.12	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
	0.20		0.06	0.08	0.10	0.11	0.13	0.15	0.16	0.17	0.18	
0.50	0.50	0.20	0.15	0.16	0.17	0.18	0.19	0.19	0.20	0.21	0.21	
	0.30		0.10	0.11	0.13	0.14	0.15	0.17	0.17	0.19	0.19	
	0.20		0.06	0.08	0.09	0.11	0.13	0.14	0.15	0.17	0.18	
0.30	0.50	0.20	0.14	0.16	0.16	0.17	0.18	0.19	0.19	0.20	0.20	
	0.30		0.10	0.11	0.12	0.14	0.15	0.16	0.17	0.18	0.19	
	0.20		0.06	0.08	0.09	0.11	0.12	0.14	0.15	0.16	0.17	
0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	
Rating:296W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980												

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

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	29793.5	28.5	28.5	0.06	0.06
1.0-2.0	29784.1	85.5	114.0	0.17	0.23
2.0-3.0	29767.5	142.4	256.4	0.29	0.52
3.0-4.0	29744.8	199.1	455.5	0.41	0.93
4.0-5.0	29716.0	255.7	711.2	0.52	1.45
5.0-6.0	29679.0	311.9	1023.1	0.64	2.09
6.0-7.0	29632.9	367.9	1391.0	0.75	2.84
7.0-8.0	29577.7	423.4	1814.4	0.86	3.70
8.0-9.0	29514.2	478.4	2292.8	0.98	4.68
9.0-10.0	29441.3	532.9	2825.6	1.09	5.76
10.0-11.0	29356.4	586.7	3412.3	1.20	6.96
11.0-12.0	29260.4	639.7	4052.0	1.30	8.27
12.0-13.0	29151.9	691.9	4743.9	1.41	9.68
13.0-14.0	29030.3	743.2	5487.1	1.52	11.19
14.0-15.0	28891.2	793.3	6280.4	1.62	12.81
15.0-16.0	28733.5	842.1	7122.4	1.72	14.53
16.0-17.0	28560.8	889.5	8011.9	1.81	16.34
17.0-18.0	28362.1	935.3	8947.2	1.91	18.25
18.0-19.0	28135.9	979.0	9926.2	2.00	20.25
19.0-20.0	27887.2	1020.8	10947.0	2.08	22.33
20.0-21.0	27608.4	1060.3	12007.3	2.16	24.49
21.0-22.0	27283.6	1096.6	13103.9	2.24	26.73
22.0-23.0	26918.2	1129.6	14233.5	2.30	29.04
23.0-24.0	26523.4	1159.8	15393.3	2.37	31.40
24.0-25.0	26097.0	1186.8	16580.1	2.42	33.82
25.0-26.0	25622.0	1209.6	17789.7	2.47	36.29
26.0-27.0	25081.7	1227.3	19017.0	2.50	38.79
27.0-28.0	24476.1	1239.4	20256.3	2.53	41.32
28.0-29.0	23808.1	1245.8	21502.1	2.54	43.86
29.0-30.0	23080.2	1246.3	22748.4	2.54	46.41
30.0-31.0	22281.7	1240.1	23988.6	2.53	48.94
31.0-32.0	21414.6	1227.0	25215.6	2.50	51.44
32.0-33.0	20494.8	1207.6	26423.1	2.46	53.90
33.0-34.0	19522.4	1181.6	27604.7	2.41	56.31
34.0-35.0	18511.4	1149.8	28754.5	2.35	58.66
35.0-36.0	17498.1	1114.3	29868.8	2.27	60.93

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 [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	16486.4	1075.4	30944.2	2.19	63.12
37.0-38.0	15483.6	1033.6	31977.8	2.11	65.23
38.0-39.0	14519.5	991.2	32969.0	2.02	67.25
39.0-40.0	13591.4	948.0	33917.1	1.93	69.19
40.0-41.0	12693.1	904.0	34821.1	1.84	71.03
41.0-42.0	11849.0	861.0	35682.0	1.76	72.79
42.0-43.0	11059.0	819.3	36501.4	1.67	74.46
43.0-44.0	10310.0	778.3	37279.6	1.59	76.05
44.0-45.0	9608.6	738.5	38018.1	1.51	77.55
45.0-46.0	8955.7	700.5	38718.6	1.43	78.98
46.0-47.0	8344.6	663.8	39382.4	1.35	80.34
47.0-48.0	7772.4	628.4	40010.8	1.28	81.62
48.0-49.0	7241.8	594.8	40605.6	1.21	82.83
49.0-50.0	6742.6	562.2	41167.8	1.15	83.98
50.0-51.0	6271.2	530.7	41698.5	1.08	85.06
51.0-52.0	5835.3	500.8	42199.3	1.02	86.08
52.0-53.0	5425.4	472.0	42671.3	0.96	87.05
53.0-54.0	5037.5	444.1	43115.3	0.91	87.95
54.0-55.0	4677.0	417.6	43532.9	0.85	88.80
55.0-56.0	4337.7	392.0	43924.9	0.80	89.60
56.0-57.0	4020.0	367.6	44292.5	0.75	90.35
57.0-58.0	3729.4	344.9	44637.4	0.70	91.06
58.0-59.0	3459.3	323.4	44960.9	0.66	91.72
59.0-60.0	3204.1	302.7	45263.6	0.62	92.34
60.0-61.0	2966.7	283.2	45546.8	0.58	92.91
61.0-62.0	2749.5	265.0	45811.8	0.54	93.45
62.0-63.0	2548.8	247.9	46059.7	0.51	93.96
63.0-64.0	2361.7	231.8	46291.5	0.47	94.43
64.0-65.0	2189.2	216.7	46508.1	0.44	94.87
65.0-66.0	2028.4	202.4	46710.6	0.41	95.29
66.0-67.0	1880.3	189.1	46899.6	0.39	95.67
67.0-68.0	1740.6	176.3	47076.0	0.36	96.03
68.0-69.0	1608.2	164.1	47240.1	0.33	96.37
69.0-70.0	1483.3	152.4	47392.4	0.31	96.68
70.0-71.0	1364.2	141.0	47533.5	0.29	96.97
71.0-72.0	1253.3	130.3	47663.8	0.27	97.23

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 [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	1148.3	120.1	47783.9	0.24	97.48
73.0-74.0	1049.3	110.3	47894.2	0.23	97.70
74.0-75.0	955.4	101.0	47995.2	0.21	97.91
75.0-76.0	865.9	91.9	48087.1	0.19	98.10
76.0-77.0	780.5	83.2	48170.3	0.17	98.26
77.0-78.0	700.6	75.0	48245.4	0.15	98.42
78.0-79.0	626.6	67.3	48312.7	0.14	98.56
79.0-80.0	555.9	59.9	48372.6	0.12	98.68
80.0-81.0	485.0	52.5	48425.1	0.11	98.78
81.0-82.0	411.5	44.6	48469.7	0.09	98.88
82.0-83.0	338.1	36.8	48506.5	0.07	98.95
83.0-84.0	269.4	29.4	48535.8	0.06	99.01
84.0-85.0	204.3	22.3	48558.1	0.05	99.06
85.0-86.0	143.1	15.6	48573.8	0.03	99.09
86.0-87.0	89.0	9.7	48583.5	0.02	99.11
87.0-88.0	46.7	5.1	48588.6	0.01	99.12
88.0-89.0	20.2	2.2	48590.8	0.00	99.12
89.0-90.0	9.2	1.0	48591.9	0.00	99.12
90.0-91.0	6.9	0.8	48592.6	0.00	99.13
91.0-92.0	6.7	0.7	48593.3	0.00	99.13
92.0-93.0	7.3	0.8	48594.1	0.00	99.13
93.0-94.0	8.1	0.9	48595.0	0.00	99.13
94.0-95.0	9.0	1.0	48596.0	0.00	99.13
95.0-96.0	9.8	1.1	48597.1	0.00	99.14
96.0-97.0	10.6	1.2	48598.2	0.00	99.14
97.0-98.0	11.7	1.3	48599.5	0.00	99.14
98.0-99.0	12.2	1.3	48600.8	0.00	99.14
99.0-100.0	13.0	1.4	48602.2	0.00	99.15
100.0-101.0	13.9	1.5	48603.7	0.00	99.15
101.0-102.0	14.8	1.6	48605.3	0.00	99.15
102.0-103.0	15.8	1.7	48607.0	0.00	99.16
103.0-104.0	17.0	1.8	48608.8	0.00	99.16
104.0-105.0	18.4	2.0	48610.8	0.00	99.16
105.0-106.0	19.5	2.1	48612.8	0.00	99.17
106.0-107.0	21.2	2.2	48615.1	0.00	99.17
107.0-108.0	22.9	2.4	48617.5	0.00	99.18

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 [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	24.2	2.5	48620.0	0.01	99.18
109.0-110.0	26.0	2.7	48622.7	0.01	99.19
110.0-111.0	27.9	2.9	48625.5	0.01	99.19
111.0-112.0	29.6	3.0	48628.5	0.01	99.20
112.0-113.0	31.5	3.2	48631.7	0.01	99.21
113.0-114.0	33.5	3.4	48635.1	0.01	99.21
114.0-115.0	35.5	3.5	48638.6	0.01	99.22
115.0-116.0	37.7	3.7	48642.4	0.01	99.23
116.0-117.0	40.0	3.9	48646.3	0.01	99.24
117.0-118.0	42.8	4.2	48650.5	0.01	99.24
118.0-119.0	45.5	4.4	48654.8	0.01	99.25
119.0-120.0	48.2	4.6	48659.4	0.01	99.26
120.0-121.0	50.9	4.8	48664.2	0.01	99.27
121.0-122.0	53.5	5.0	48669.2	0.01	99.28
122.0-123.0	56.6	5.2	48674.5	0.01	99.29
123.0-124.0	59.6	5.4	48679.9	0.01	99.30
124.0-125.0	62.3	5.6	48685.6	0.01	99.32
125.0-126.0	65.6	5.9	48691.4	0.01	99.33
126.0-127.0	69.3	6.1	48697.5	0.01	99.34
127.0-128.0	73.4	6.4	48703.9	0.01	99.35
128.0-129.0	76.7	6.6	48710.5	0.01	99.37
129.0-130.0	79.8	6.8	48717.3	0.01	99.38
130.0-131.0	83.1	6.9	48724.2	0.01	99.39
131.0-132.0	86.4	7.1	48731.3	0.01	99.41
132.0-133.0	89.9	7.3	48738.5	0.01	99.42
133.0-134.0	92.8	7.4	48745.9	0.02	99.44
134.0-135.0	96.2	7.5	48753.5	0.02	99.45
135.0-136.0	99.9	7.7	48761.1	0.02	99.47
136.0-137.0	102.9	7.8	48768.9	0.02	99.49
137.0-138.0	105.9	7.8	48776.8	0.02	99.50
138.0-139.0	109.1	7.9	48784.7	0.02	99.52
139.0-140.0	112.0	8.0	48792.7	0.02	99.53
140.0-141.0	115.3	8.0	48800.7	0.02	99.55
141.0-142.0	118.9	8.1	48808.8	0.02	99.57
142.0-143.0	121.8	8.1	48816.9	0.02	99.58
143.0-144.0	124.7	8.1	48825.1	0.02	99.60

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 [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	128.2	8.2	48833.2	0.02	99.62
145.0-146.0	131.3	8.2	48841.4	0.02	99.63
146.0-147.0	134.4	8.1	48849.5	0.02	99.65
147.0-148.0	137.4	8.1	48857.6	0.02	99.67
148.0-149.0	140.0	8.0	48865.6	0.02	99.68
149.0-150.0	143.3	8.0	48873.6	0.02	99.70
150.0-151.0	146.7	7.9	48881.5	0.02	99.72
151.0-152.0	149.6	7.8	48889.4	0.02	99.73
152.0-153.0	152.5	7.7	48897.1	0.02	99.75
153.0-154.0	155.1	7.6	48904.7	0.02	99.76
154.0-155.0	158.2	7.5	48912.1	0.02	99.78
155.0-156.0	161.5	7.3	48919.5	0.01	99.79
156.0-157.0	165.0	7.2	48926.7	0.01	99.81
157.0-158.0	168.4	7.1	48933.8	0.01	99.82
158.0-159.0	171.3	6.9	48940.6	0.01	99.84
159.0-160.0	174.3	6.7	48947.3	0.01	99.85
160.0-161.0	177.1	6.5	48953.8	0.01	99.86
161.0-162.0	180.2	6.3	48960.1	0.01	99.88
162.0-163.0	183.4	6.0	48966.1	0.01	99.89
163.0-164.0	186.3	5.8	48971.9	0.01	99.90
164.0-165.0	189.1	5.5	48977.5	0.01	99.91
165.0-166.0	192.1	5.3	48982.8	0.01	99.92
166.0-167.0	195.2	5.0	48987.8	0.01	99.93
167.0-168.0	198.0	4.7	48992.5	0.01	99.94
168.0-169.0	200.5	4.4	48996.8	0.01	99.95
169.0-170.0	202.9	4.1	49000.9	0.01	99.96
170.0-171.0	205.3	3.7	49004.6	0.01	99.97
171.0-172.0	207.3	3.4	49008.0	0.01	99.97
172.0-173.0	209.0	3.0	49011.0	0.01	99.98
173.0-174.0	210.8	2.6	49013.6	0.01	99.98
174.0-175.0	212.5	2.2	49015.8	0.00	99.99
175.0-176.0	213.4	1.8	49017.7	0.00	99.99
176.0-177.0	214.1	1.4	49019.1	0.00	100.00
177.0-178.0	215.2	1.0	49020.1	0.00	100.00
178.0-179.0	215.6	0.6	49020.7	0.00	100.00
179.0-180.0	216.0	0.2	49020.9	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	29796.3	29796.3	29796.3	29796.3	29796.3	29796.3	29796.3	29796.3	29796.3	29796.3
G1.0	29816.6	29841.8	29816.7	29821.5	29805.9	29815.6	29779.5	29780.7	29766.5	29747.3
G2.0	29841.7	29869.3	29828.7	29810.7	29802.3	29807.1	29765.1	29755.4	29722.4	29705.5
G3.0	29844.1	29887.2	29849.0	29829.9	29804.7	29789.1	29760.3	29733.7	29650.8	29635.0
G4.0	29863.2	29890.8	29845.4	29843.1	29801.1	29759.1	29719.4	29700.0	29589.9	29571.6
G5.0	29878.7	29898.0	29859.8	29841.9	29785.5	29761.5	29689.3	29677.1	29508.8	29484.3
G6.0	29864.3	29890.8	29871.8	29829.9	29772.3	29739.9	29656.8	29621.7	29421.7	29370.8
G7.0	29876.3	29869.3	29852.6	29813.1	29743.5	29699.0	29609.9	29555.5	29327.4	29279.9
G8.0	29857.2	29877.6	29831.1	29785.5	29711.1	29655.8	29547.4	29474.8	29216.5	29180.7
G9.0	29835.7	29860.9	29803.5	29750.7	29684.7	29608.9	29506.5	29390.6	29091.2	29027.7
G10.0	29803.5	29813.1	29767.6	29724.4	29634.3	29542.9	29430.7	29306.3	28969.5	28879.4
G11.0	29774.9	29778.4	29724.5	29681.2	29575.5	29470.8	29347.7	29196.7	28810.8	28714.5
G12.0	29715.2	29739.0	29675.4	29632.0	29515.5	29391.5	29247.9	29081.1	28650.9	28537.5
G13.0	29665.1	29686.4	29606.0	29556.4	29419.5	29313.4	29131.2	28947.5	28464.8	28342.7
G14.0	29589.9	29601.5	29535.3	29476.0	29345.1	29211.3	29025.4	28806.6	28263.1	28127.5
G15.0	29501.6	29532.2	29443.1	29372.8	29227.4	29080.4	28885.9	28653.7	28031.7	27888.4
G16.0	29407.4	29418.6	29339.0	29272.0	29103.8	28942.2	28725.9	28474.3	27790.7	27655.3
G17.0	29301.2	29305.0	29206.1	29126.9	28965.8	28789.7	28560.0	28304.5	27543.7	27373.2
G18.0	29132.9	29140.0	29026.5	28950.5	28799.0	28604.7	28359.1	28078.1	27259.7	27061.2
G19.0	28977.8	28963.1	28857.6	28757.3	28604.6	28411.3	28142.7	27837.3	26911.3	26736.0
G20.0	28786.9	28751.5	28629.0	28537.8	28371.7	28181.8	27910.5	27578.4	26585.6	26376.2
G21.0	28560.2	28506.5	28369.1	28265.4	28129.3	27924.8	27655.6	27281.0	26224.1	25966.2
G22.0	28300.1	28233.9	28075.8	27960.7	27448.8	27638.8	27359.7	26984.8	25795.7	25540.6
G23.0	28003.0	27918.3	27731.0	27605.5	27033.6	27304.9	27016.9	26664.5	25343.5	25075.5
G24.0	27672.5	27535.8	27368.2	27218.0	27103.2	26942.1	26173.9	26279.2	24865.1	24534.0
G25.0	27245.4	27109.0	26913.2	26772.9	26685.5	26525.3	26165.5	25861.4	24324.6	23959.0
G26.0	26820.6	26632.0	26406.7	26279.8	26198.3	26050.8	25810.7	25396.6	23722.1	23341.0
G27.0	26301.6	26126.3	25862.0	25731.5	25660.6	25545.0	25306.7	24882.5	23075.4	22678.7
G28.0	25733.7	25501.1	25240.6	25102.8	25023.3	24950.4	24729.4	24302.1	22367.8	21956.6
G29.0	25065.5	24843.6	24561.7	24445.4	24377.6	24275.3	24076.4	23660.3	21613.8	21247.7
G30.0	24374.7	24084.5	23806.2	23689.5	23626.3	23573.8	23380.0	22949.9	20825.1	20442.0
G31.0	23568.1	23276.4	22993.2	22852.1	22827.0	22761.7	22565.8	22166.0	19970.8	19598.0
G32.0	22691.2	22391.8	22089.2	21935.4	21930.5	21855.9	21685.5	21328.0	19098.6	18724.2
G33.0	21727.1	21484.4	21132.6	20980.4	21041.2	20887.7	20722.1	20416.5	18201.4	17853.9
G34.0	20695.0	20479.1	20094.5	20015.8	20017.4	19830.6	19660.2	19473.7	17269.5	16945.4
G35.0	19629.6	19442.6	19122.3	18986.4	18992.5	18756.7	18568.1	18462.3	16346.0	16056.0
G36.0	18599.9	18407.4	18105.8	17973.8	17958.0	17733.2	17527.8	17432.8	15460.7	15149.8

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:

## 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	17530.8	17404.4	17095.2	16966.0	16905.4	16649.6	16367.2	16399.7	14569.5	14273.6
G38.0	16416.4	16405.0	16102.7	15975.0	15892.5	15590.1	15266.8	15375.0	13714.0	13451.1
G39.0	15402.3	15447.5	15112.5	14986.3	14943.2	14552.2	14260.1	14390.0	12858.5	12652.5
G40.0	14388.1	14467.2	14182.2	14073.3	13989.0	13586.4	13260.7	13436.4	12050.7	11850.4
G41.0	13402.6	13515.6	13271.0	13159.1	13074.5	12653.0	12310.6	12524.9	11270.4	11087.7
G42.0	12476.7	12615.5	12458.0	12286.9	12196.0	11822.9	11445.9	11660.4	10545.0	10423.0
G43.0	11604.5	11767.9	11671.4	11477.0	11369.1	11002.4	10610.0	10856.0	9851.8	9748.8
G44.0	10814.6	10981.3	10900.3	10682.8	10608.2	10210.8	9865.6	10114.3	9202.7	9078.2
G45.0	10059.4	10201.9	10204.7	9985.7	9897.7	9506.9	9165.6	9378.6	8587.0	8509.1
G46.0	9360.2	9538.4	9534.2	9316.2	9222.0	8835.4	8493.3	8767.0	8032.2	7927.0
G47.0	8712.3	8880.9	8910.4	8727.1	8597.9	8233.5	7872.7	8163.7	7488.2	7416.5
G48.0	8116.9	8270.1	8323.7	8109.3	8006.3	7670.1	7297.8	7583.3	6972.7	6926.4
G49.0	7560.9	7692.7	7776.6	7573.0	7443.4	7162.0	6760.2	7080.0	6499.0	6466.1
G50.0	7009.7	7160.7	7243.7	7066.7	6924.9	6682.7	6239.5	6598.4	6046.8	6026.2
G51.0	6538.4	6662.2	6746.9	6590.4	6442.5	6223.8	5788.5	6145.7	5614.9	5612.6
G52.0	6074.3	6227.0	6272.7	6136.8	6009.2	5798.5	5366.3	5750.7	5215.2	5228.9
G53.0	5643.6	5765.6	5832.1	5712.1	5560.3	5391.3	4968.3	5336.5	4841.8	4877.4
G54.0	5223.6	5368.7	5404.7	5316.2	5169.1	5009.3	4591.8	4972.9	4494.6	4531.9
G55.0	4848.9	4980.2	5013.1	4949.1	4795.8	4646.5	4255.1	4621.3	4164.1	4225.9
G56.0	4501.7	4607.2	4652.8	4579.5	4438.2	4327.0	3953.2	4282.9	3861.0	3910.3
G57.0	4168.8	4278.5	4304.3	4247.2	4105.7	4011.0	3668.2	3969.9	3579.4	3627.0
G58.0	3846.7	3965.3	3990.6	3941.3	3808.1	3723.9	3400.0	3690.5	3325.3	3374.7
G59.0	3568.7	3684.3	3686.5	3660.5	3530.9	3477.7	3155.8	3438.9	3074.7	3128.5
G60.0	3308.6	3408.2	3429.1	3388.2	3275.2	3191.8	2936.9	3164.3	2851.6	2896.6
G61.0	3056.8	3153.6	3152.5	3139.8	3029.2	2950.3	2724.1	2945.2	2636.8	2692.1
G62.0	2830.1	2919.3	2926.2	2907.1	2809.6	2744.9	2529.2	2727.3	2445.9	2496.1
G63.0	2620.1	2705.3	2704.7	2695.9	2605.5	2539.5	2352.4	2528.6	2274.1	2307.2
G64.0	2420.9	2500.9	2509.6	2494.3	2407.5	2358.1	2190.1	2344.4	2109.5	2137.4
G65.0	2246.7	2309.6	2325.2	2314.4	2233.5	2186.3	2034.9	2177.0	1952.0	1991.6
G66.0	2084.4	2145.8	2145.6	2134.4	2072.7	2022.9	1896.6	2024.1	1812.4	1841.0
G67.0	1924.5	1986.8	1981.6	1973.6	1920.3	1870.4	1752.3	1873.6	1689.5	1726.2
G68.0	1775.4	1823.0	1831.9	1827.3	1765.4	1734.6	1640.5	1736.3	1558.2	1579.2
G69.0	1641.8	1709.5	1714.6	1696.5	1638.2	1595.3	1516.6	1606.2	1430.6	1459.6
G70.0	1512.9	1561.2	1563.7	1552.5	1511.0	1469.2	1402.3	1473.8	1322.0	1342.5
G71.0	1394.8	1439.3	1440.4	1431.3	1389.8	1351.4	1296.5	1358.2	1212.2	1236.1
G72.0	1285.0	1323.4	1325.4	1316.1	1277.0	1239.7	1188.2	1249.8	1110.8	1136.9
G73.0	1175.2	1213.4	1218.9	1209.4	1167.8	1137.6	1093.2	1146.3	1015.4	1032.9

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 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	1078.6	1113.0	1111.1	1107.4	1066.9	1036.7	995.8	1043.9	922.3	938.4
G75.0	985.5	1017.3	1015.3	1010.2	973.3	940.6	905.6	948.8	836.4	847.6
G76.0	890.1	918.1	921.9	913.0	877.3	858.9	821.4	859.7	755.3	768.7
G77.0	806.6	830.8	832.1	825.4	793.3	768.8	740.8	774.2	676.5	692.2
G78.0	719.5	744.8	745.9	743.9	711.7	688.3	663.9	694.8	606.1	621.6
G79.0	649.1	665.9	671.7	664.7	634.9	612.6	596.5	620.1	539.3	557.1
G80.0	578.7	596.5	599.9	595.1	568.9	547.8	531.6	553.9	468.9	478.2
G81.0	505.9	522.4	528.0	519.5	496.9	478.1	464.2	485.2	393.7	402.9
G82.0	428.3	442.3	445.4	436.7	417.7	402.4	395.7	411.8	317.4	332.3
G83.0	356.7	365.8	364.0	355.1	342.0	329.1	327.1	343.2	252.9	255.8
G84.0	286.4	290.5	294.5	285.5	271.2	265.5	261.0	275.7	189.7	193.7
G85.0	216.0	220.0	223.9	214.8	205.2	198.2	203.3	213.1	131.2	129.1
G86.0	153.9	156.6	153.3	148.8	144.0	139.3	145.5	156.5	74.0	76.5
G87.0	95.5	98.0	95.8	92.4	85.2	84.1	89.0	96.3	37.0	33.5
G88.0	50.1	47.8	45.5	46.8	43.2	43.2	48.1	51.8	10.7	10.8
G89.0	19.1	17.9	19.2	18.0	15.6	12.0	18.0	21.7	6.0	2.4
G90.0	9.5	8.4	9.6	12.0	10.8	6.0	7.2	8.4	6.0	3.6
G91.0	7.2	6.0	10.8	12.0	8.4	6.0	4.8	6.0	4.8	0.0
G92.0	6.0	7.2	9.6	12.0	8.4	8.4	6.0	4.8	6.0	4.8
G93.0	9.5	4.8	12.0	14.4	9.6	9.6	8.4	6.0	0.0	4.8
G94.0	8.3	7.2	10.8	14.4	12.0	6.0	4.8	8.4	7.2	7.2
G95.0	10.7	9.6	13.2	15.6	9.6	12.0	8.4	9.6	8.3	7.2
G96.0	10.7	9.6	10.8	12.0	12.0	9.6	10.8	9.6	8.3	7.2
G97.0	11.9	12.0	14.4	18.0	13.2	12.0	10.8	10.8	9.5	9.6
G98.0	13.1	12.0	14.4	18.0	15.6	12.0	13.2	12.0	9.5	8.4
G99.0	14.3	10.8	15.6	19.2	16.8	13.2	12.0	10.8	10.7	9.6
G100.0	15.5	14.3	18.0	20.4	13.2	14.4	13.2	13.2	10.7	12.0
G101.0	15.5	13.2	18.0	19.2	16.8	13.2	15.6	13.2	13.1	12.0
G102.0	15.5	15.5	19.2	22.8	19.2	15.6	15.6	16.9	13.1	12.0
G103.0	16.7	16.7	20.4	22.8	20.4	14.4	16.8	15.7	14.3	13.2
G104.0	19.1	17.9	22.8	25.2	21.6	16.8	18.0	18.1	16.7	14.3
G105.0	21.5	17.9	23.9	25.2	22.8	19.2	19.2	20.5	14.3	15.5
G106.0	23.9	21.5	25.1	26.4	25.2	16.8	21.6	20.5	19.1	15.5
G107.0	23.9	19.1	25.1	28.8	28.8	24.0	22.9	25.3	20.3	17.9
G108.0	23.9	23.9	27.5	31.2	28.8	26.4	24.1	25.3	21.5	20.3
G109.0	28.6	27.5	29.9	31.2	28.8	26.4	27.7	26.5	21.5	21.5
G110.0	26.2	27.5	29.9	34.8	32.4	31.2	28.9	27.7	23.9	23.9

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 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	32.2	29.9	34.7	36.0	33.6	30.0	30.1	31.3	23.9	23.9
G112.0	31.0	29.9	37.1	39.6	36.0	33.6	32.5	32.5	26.2	25.1
G113.0	35.8	34.7	37.1	38.4	38.4	34.8	34.9	36.1	28.6	26.3
G114.0	37.0	35.9	37.1	42.0	40.8	37.2	39.7	38.5	31.0	29.9
G115.0	39.4	35.9	40.7	45.6	43.2	38.4	40.9	40.9	29.8	33.5
G116.0	41.8	40.6	44.3	46.8	43.2	43.2	43.3	43.3	35.8	32.3
G117.0	44.1	41.8	45.5	49.2	46.8	46.9	44.5	48.2	35.8	33.5
G118.0	46.5	45.4	50.3	52.8	49.2	50.5	50.5	49.4	39.4	39.4
G119.0	51.3	49.0	52.7	54.0	54.0	50.5	51.7	53.0	43.0	40.6
G120.0	53.7	53.8	55.1	57.6	57.6	55.3	54.1	56.6	45.3	41.8
G121.0	53.7	56.2	58.7	61.2	58.8	56.5	57.7	59.0	47.7	43.0
G122.0	57.3	55.0	61.1	63.6	63.6	62.5	60.1	62.6	48.9	47.8
G123.0	64.4	61.0	63.5	67.2	62.4	66.1	66.1	66.2	50.1	52.6
G124.0	63.2	62.2	67.1	70.8	67.2	66.1	67.4	72.2	53.7	56.2
G125.0	69.2	65.8	71.8	73.2	70.8	69.7	72.2	72.2	58.5	57.4
G126.0	71.6	70.5	71.8	76.8	75.6	74.5	74.6	77.1	62.0	62.2
G127.0	75.2	74.1	76.6	81.6	78.0	78.1	78.2	81.9	66.8	62.2
G128.0	79.9	77.7	83.8	87.6	82.8	82.9	84.2	84.3	69.2	66.9
G129.0	79.9	80.1	86.2	87.6	86.4	85.3	85.4	86.7	70.4	71.7
G130.0	85.9	83.7	89.8	92.4	90.0	88.9	90.2	91.5	74.0	75.3
G131.0	85.9	87.3	91.0	96.0	93.6	93.7	92.6	93.9	78.7	77.7
G132.0	93.1	92.0	95.8	98.4	96.0	96.1	98.6	99.9	79.9	78.9
G133.0	99.0	95.6	99.4	103.2	102.0	99.7	99.8	102.3	84.7	82.5
G134.0	97.8	96.8	101.8	108.0	104.4	104.5	102.2	103.5	87.1	87.3
G135.0	103.8	104.0	106.6	110.4	108.0	106.9	108.2	109.6	90.7	89.7
G136.0	106.2	105.2	107.8	115.2	111.6	110.5	110.7	113.2	93.1	93.2
G137.0	112.2	108.8	111.3	115.2	112.8	112.9	114.3	115.6	97.8	94.4
G138.0	112.2	112.4	113.7	117.6	115.2	116.5	117.9	119.2	100.2	101.6
G139.0	114.5	113.6	116.1	121.2	121.2	117.7	120.3	124.0	101.4	102.8
G140.0	119.3	116.0	119.7	126.0	123.6	122.5	123.9	124.0	107.4	105.2
G141.0	122.9	123.1	125.7	127.2	126.0	124.9	126.3	130.0	108.6	108.8
G142.0	122.9	123.1	129.3	130.8	127.2	132.1	131.1	133.6	113.3	111.2
G143.0	127.7	125.5	130.5	134.4	132.0	132.1	133.5	133.6	113.3	114.8
G144.0	133.6	129.1	132.9	135.6	135.6	134.5	135.9	139.7	115.7	119.5
G145.0	134.8	132.7	141.3	144.0	136.8	136.9	140.7	142.1	121.7	120.7
G146.0	137.2	136.3	138.9	144.0	144.0	141.8	143.1	144.5	126.5	124.3
G147.0	140.8	139.9	143.7	150.0	145.2	144.1	145.5	149.3	128.9	125.5

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 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	142.0	139.9	144.9	152.4	148.8	147.8	150.3	146.9	130.1	129.1
G149.0	145.6	144.6	148.5	150.0	150.0	151.4	151.5	151.7	132.4	133.9
G150.0	150.3	148.2	152.1	156.0	154.8	156.2	155.1	154.1	138.4	138.7
G151.0	151.5	151.8	154.5	160.8	158.4	157.4	157.5	158.9	142.0	138.7
G152.0	157.5	153.0	160.4	162.0	160.8	161.0	158.8	161.3	143.2	141.1
G153.0	158.7	155.4	161.6	165.6	160.8	161.0	164.8	165.0	148.0	147.0
G154.0	158.7	160.2	165.2	168.0	166.8	165.8	163.6	165.0	150.3	149.4
G155.0	164.7	165.0	167.6	169.2	166.8	167.0	169.6	171.0	151.5	150.6
G156.0	167.0	166.2	171.2	174.0	171.6	170.6	169.6	174.6	156.3	156.6
G157.0	170.6	169.8	173.6	177.6	175.2	174.2	175.6	177.0	159.9	157.8
G158.0	173.0	173.3	179.6	181.2	177.6	177.8	179.2	179.4	162.3	163.8
G159.0	177.8	176.9	180.8	182.4	180.0	177.8	179.2	181.8	167.0	165.0
G160.0	179.0	176.9	180.8	184.8	184.8	182.6	182.8	183.0	170.6	171.0
G161.0	179.0	180.5	186.8	187.2	183.6	185.0	186.4	186.6	170.6	173.3
G162.0	186.1	182.9	186.8	192.0	190.8	187.4	190.0	187.8	175.4	176.9
G163.0	186.1	185.3	192.8	195.6	192.0	189.8	193.6	192.7	179.0	179.3
G164.0	188.5	188.9	194.0	195.6	194.4	194.6	194.8	195.1	184.9	182.9
G165.0	192.1	191.3	195.2	198.0	195.6	197.0	197.2	197.5	186.1	184.1
G166.0	195.7	193.7	200.0	200.4	200.4	200.6	199.6	198.7	190.9	188.9
G167.0	195.7	198.4	202.3	204.0	204.0	199.4	202.1	203.5	192.1	190.1
G168.0	199.3	198.4	204.7	208.8	205.2	203.0	203.3	202.3	194.5	194.9
G169.0	202.8	200.8	207.1	210.0	205.2	205.4	204.5	204.7	196.9	197.2
G170.0	204.0	203.2	207.1	210.0	207.6	209.0	206.9	207.1	200.4	199.6
G171.0	206.4	202.0	208.3	211.2	211.2	210.2	209.3	213.1	206.4	202.0
G172.0	207.6	208.0	211.9	214.8	211.2	210.2	211.7	210.7	202.8	205.6
G173.0	211.2	208.0	213.1	217.2	211.2	211.4	211.7	214.3	207.6	205.6
G174.0	210.0	210.4	215.5	218.4	214.8	213.8	214.1	214.3	208.8	208.0
G175.0	211.2	211.6	216.7	219.6	216.0	213.8	216.5	214.3	211.2	209.2
G176.0	214.8	210.4	216.7	218.4	214.8	212.6	214.1	214.3	212.4	210.4
G177.0	214.8	211.6	215.5	222.0	218.4	216.2	212.9	214.3	212.4	210.4
G178.0	217.1	215.2	216.7	220.8	217.2	216.2	216.5	214.3	212.4	212.8
G179.0	213.6	212.8	216.7	222.0	216.0	215.0	214.1	215.5	214.8	214.0
G180.0	216.0	214.0	219.1	220.8	216.0	215.0	216.5	215.5	213.6	217.6

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:

## Candlepower Table (Continue 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	29796.3	29796.3	29796.3	29796.3	29796.3	29796.3	29796.3			
G1.0	29753.2	29763.9	29768.7	29775.9	29784.3	29812.0	29816.6			
G2.0	29705.3	29726.7	29732.7	29767.5	29793.9	29807.2	29841.7			
G3.0	29620.3	29686.0	29697.9	29748.3	29778.3	29802.4	29844.1			
G4.0	29554.5	29611.6	29642.7	29723.1	29781.9	29818.0	29863.2			
G5.0	29458.7	29532.4	29580.3	29678.6	29756.6	29803.6	29878.7			
G6.0	29367.7	29437.6	29523.9	29643.8	29730.2	29790.3	29864.3			
G7.0	29265.9	29346.4	29431.5	29582.5	29690.5	29777.1	29876.3			
G8.0	29149.8	29246.8	29340.3	29514.0	29636.4	29740.9	29857.2			
G9.0	29014.5	29125.7	29240.7	29442.0	29589.5	29716.9	29835.7			
G10.0	28874.4	28986.5	29147.0	29354.3	29536.6	29661.5	29803.5			
G11.0	28711.6	28843.7	29021.0	29257.0	29458.4	29607.3	29774.9			
G12.0	28534.4	28687.7	28892.6	29152.5	29362.2	29543.5	29715.2			
G13.0	28354.8	28512.6	28741.4	29026.3	29273.2	29460.4	29665.1			
G14.0	28142.8	28319.4	28574.6	28897.8	29177.0	29374.9	29589.9			
G15.0	27911.8	28080.7	28376.5	28745.2	29050.7	29268.9	29501.6			
G16.0	27647.2	27859.9	28166.5	28560.2	28907.6	29150.9	29407.4			
G17.0	27374.2	27607.9	27926.5	28375.2	28762.0	29001.6	29301.2			
G18.0	27072.5	27329.6	27679.3	28162.6	28574.4	28833.1	29132.9			
G19.0	26732.4	26993.7	27412.8	27906.7	28377.2	28664.5	28977.8			
G20.0	26373.2	26654.1	27100.8	27660.5	28165.5	28440.5	28786.9			
G21.0	25984.1	26281.0	26755.1	27357.8	27899.7	28205.7	28560.2			
G22.0	25526.7	25874.3	26380.7	27028.6	27612.3	27948.1	28300.1			
G23.0	25057.4	25420.8	25970.2	26650.2	27265.9	27612.1	28003.0			
G24.0	24552.1	24922.9	25502.2	26231.0	26900.3	27273.8	27672.5			
G25.0	23983.4	24375.8	25006.5	25784.1	26481.8	26835.5	27245.4			
G26.0	23351.2	23808.3	24444.8	25271.1	25994.7	26347.8	26820.6			
G27.0	22699.9	23128.0	23820.7	24695.7	25435.4	25789.1	26301.6			
G28.0	21986.3	22434.5	23157.1	24030.2	24807.6	25171.4	25733.7			
G29.0	21224.8	21706.3	22425.0	23303.5	24090.8	24445.4	25065.5			
G30.0	20419.0	20922.8	21624.5	22514.2	23292.3	23679.6	24374.7			
G31.0	19550.9	20068.6	20799.9	21639.7	22389.0	22782.5	23568.1			
G32.0	18685.3	19193.9	19919.0	20709.9	21408.9	21810.8	22691.2			
G33.0	17793.3	18307.3	18997.3	19727.3	20358.9	20742.8	21727.1			
G34.0	16878.5	17383.5	18042.0	18675.0	19283.7	19598.9	20695.0			
G35.0	15979.3	16475.3	17089.1	17610.6	18070.2	18434.6	19629.6			
G36.0	15128.1	15549.0	16113.3	16589.6	16933.7	17254.6	18599.9			

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 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	14228.9	14652.8	15170.0	15536.0	15791.1	16105.9	17530.8			
G38.0	13397.9	13805.8	14265.1	14481.3	14694.3	14994.5	16416.4			
G39.0	12643.6	12998.3	13397.4	13558.8	13638.4	13955.4	15402.3			
G40.0	11897.7	12186.1	12529.7	12638.6	12635.3	12957.2	14388.1			
G41.0	11153.0	11426.6	11709.9	11736.4	11696.0	12058.9	13402.6			
G42.0	10484.9	10708.0	10991.1	10936.4	10845.7	11220.9	12476.7			
G43.0	9838.3	10014.5	10274.6	10182.0	10062.8	10438.2	11604.5			
G44.0	9226.5	9366.6	9580.9	9475.6	9334.0	9707.3	10814.6			
G45.0	8650.6	8757.1	8935.2	8813.7	8647.3	9023.4	10059.4			
G46.0	8104.6	8168.0	8315.9	8215.5	8026.7	8400.9	9360.2			
G47.0	7553.9	7625.7	7738.6	7622.1	7422.9	7803.7	8712.3			
G48.0	7065.3	7126.6	7204.6	7122.3	6874.5	7277.5	8116.9			
G49.0	6629.5	6652.7	6723.3	6644.2	6357.4	6769.4	7560.9			
G50.0	6181.7	6195.6	6250.4	6174.5	5871.5	6298.6	7009.7			
G51.0	5745.9	5781.7	5807.6	5742.1	5418.1	5845.8	6538.4			
G52.0	5346.0	5379.8	5411.5	5338.5	5008.0	5458.1	6074.3			
G53.0	4973.6	5010.2	5007.1	4968.5	4641.1	5060.8	5643.6			
G54.0	4627.6	4652.7	4647.0	4604.5	4299.6	4697.1	5223.6			
G55.0	4293.6	4325.2	4323.0	4270.5	3984.5	4357.6	4848.9			
G56.0	3967.9	3997.6	3998.9	3954.6	3695.8	4022.9	4501.7			
G57.0	3672.2	3716.9	3701.3	3666.3	3446.9	3725.4	4168.8			
G58.0	3419.5	3474.5	3445.7	3399.6	3185.9	3461.7	3846.7			
G59.0	3159.7	3202.2	3182.8	3147.3	2953.8	3192.0	3568.7			
G60.0	2925.0	2964.6	2947.6	2914.3	2736.1	2950.0	3308.6			
G61.0	2715.5	2751.1	2725.6	2704.1	2535.2	2734.5	3056.8			
G62.0	2521.5	2556.7	2534.7	2503.4	2353.6	2531.0	2830.1			
G63.0	2337.2	2367.2	2342.7	2322.1	2190.1	2333.5	2620.1			
G64.0	2167.1	2200.4	2172.3	2147.9	2032.5	2155.3	2420.9			
G65.0	2007.9	2040.8	2012.7	1988.1	1888.2	1997.6	2246.7			
G66.0	1857.0	1883.6	1863.8	1839.1	1736.7	1841.0	2084.4			
G67.0	1732.5	1738.5	1735.4	1721.4	1627.2	1713.4	1924.5			
G68.0	1597.2	1620.9	1601.0	1568.9	1503.3	1568.9	1775.4			
G69.0	1476.3	1496.1	1473.8	1445.1	1387.9	1443.7	1641.8			
G70.0	1356.6	1379.7	1357.4	1327.4	1278.4	1323.3	1512.9			
G71.0	1248.8	1273.0	1249.4	1219.3	1167.8	1213.7	1394.8			
G72.0	1145.8	1157.8	1145.0	1116.0	1072.8	1093.3	1285.0			
G73.0	1047.7	1058.2	1044.1	1023.5	983.8	995.8	1175.2			

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	949.5	968.2	944.5	929.8	893.6	915.1	1078.6			
G75.0	860.9	867.4	862.9	844.5	811.8	830.8	985.5			
G76.0	777.1	787.0	769.3	758.0	730.0	744.1	890.1			
G77.0	700.4	705.5	687.7	677.5	651.8	662.2	806.6			
G78.0	631.0	633.5	621.7	600.6	577.3	590.0	719.5			
G79.0	562.7	567.5	553.3	533.4	509.9	519.0	649.1			
G80.0	490.9	494.3	481.3	460.1	441.4	445.5	578.7			
G81.0	419.1	419.9	406.8	392.8	374.0	376.9	505.9			
G82.0	341.2	340.7	334.8	320.7	307.9	304.6	428.3			
G83.0	271.8	272.3	265.2	255.9	244.1	238.4	356.7			
G84.0	205.9	208.8	199.2	193.4	184.0	177.0	286.4			
G85.0	138.9	145.2	136.8	134.5	126.3	120.4	216.0			
G86.0	82.6	90.0	80.4	80.5	74.6	65.0	153.9			
G87.0	37.1	45.6	36.0	39.6	32.5	28.9	95.5			
G88.0	12.0	15.6	12.0	10.8	9.6	8.4	50.1			
G89.0	6.0	9.6	6.0	4.8	0.0	3.6	19.1			
G90.0	8.4	10.8	4.8	4.8	0.0	3.6	9.5			
G91.0	8.4	8.4	7.2	4.8	6.0	6.0	7.2			
G92.0	3.6	10.8	4.8	4.8	4.8	4.8	6.0			
G93.0	8.4	12.0	8.4	4.8	7.2	6.0	9.5			
G94.0	9.6	13.2	8.4	6.0	3.6	4.8	8.3			
G95.0	9.6	12.0	9.6	6.0	7.2	6.0	10.7			
G96.0	12.0	13.2	10.8	9.6	6.0	6.0	10.7			
G97.0	9.6	13.2	9.6	9.6	8.4	9.6	11.9			
G98.0	14.4	13.2	12.0	9.6	7.2	8.4	13.1			
G99.0	12.0	14.4	10.8	9.6	8.4	9.6	14.3			
G100.0	12.0	15.6	13.2	10.8	10.8	10.8	15.5			
G101.0	14.4	18.0	14.4	10.8	9.6	9.6	15.5			
G102.0	15.6	18.0	13.2	13.2	12.0	9.6	15.5			
G103.0	16.8	19.2	13.2	15.6	12.0	9.6	16.7			
G104.0	19.2	20.4	15.6	14.4	13.2	13.2	19.1			
G105.0	18.0	21.6	19.2	14.4	14.4	14.5	21.5			
G106.0	20.4	20.4	20.4	15.6	14.4	15.7	23.9			
G107.0	22.8	24.0	19.2	19.2	16.8	16.9	23.9			
G108.0	22.8	25.2	22.8	18.0	16.8	18.1	23.9			
G109.0	22.8	28.8	20.4	19.2	19.2	19.3	28.6			
G110.0	27.5	28.8	25.2	22.8	20.4	22.9	26.2			

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	27.5	31.2	26.4	24.0	21.6	22.9	32.2			
G112.0	28.7	33.6	28.8	25.2	24.1	22.9	31.0			
G113.0	32.3	33.6	28.8	26.4	27.7	26.5	35.8			
G114.0	32.3	33.6	32.4	28.8	26.5	27.7	37.0			
G115.0	34.7	36.0	33.6	31.2	30.1	30.1	39.4			
G116.0	37.1	38.4	33.6	32.4	31.3	33.7	41.8			
G117.0	38.3	40.8	37.2	36.0	36.1	34.9	44.1			
G118.0	40.7	43.2	42.0	37.2	37.3	36.1	46.5			
G119.0	44.3	45.6	42.0	38.4	37.3	38.5	51.3			
G120.0	45.5	49.2	44.4	43.2	42.1	39.7	53.7			
G121.0	49.1	51.6	46.8	45.7	43.3	43.3	53.7			
G122.0	52.7	54.0	49.2	49.2	45.7	45.8	57.3			
G123.0	55.1	56.4	54.0	50.5	49.3	47.0	64.4			
G124.0	56.3	60.0	54.0	54.1	51.7	51.8	63.2			
G125.0	58.7	58.8	56.4	57.7	52.9	55.4	69.2			
G126.0	63.5	64.8	63.6	58.9	55.3	56.6	71.6			
G127.0	67.1	68.4	66.0	62.5	58.9	63.8	75.2			
G128.0	73.0	72.0	68.4	67.3	64.9	63.8	79.9			
G129.0	74.2	78.0	70.8	68.5	68.6	66.2	79.9			
G130.0	79.0	80.4	74.4	72.1	69.8	71.0	85.9			
G131.0	81.4	81.6	78.0	76.9	72.2	71.0	85.9			
G132.0	83.8	85.2	81.6	80.5	77.0	77.1	93.1			
G133.0	85.0	87.6	82.8	80.5	79.4	78.3	99.0			
G134.0	89.8	92.4	85.2	84.1	81.8	81.9	97.8			
G135.0	92.2	94.8	91.2	86.5	85.4	83.1	103.8			
G136.0	99.4	99.6	92.4	91.3	87.8	89.1	106.2			
G137.0	98.2	99.6	96.0	92.5	92.6	92.7	112.2			
G138.0	103.0	106.8	100.8	97.3	95.0	93.9	112.2			
G139.0	109.0	106.8	103.2	98.5	98.6	97.5	114.5			
G140.0	109.0	111.6	105.6	102.1	101.0	99.9	119.3			
G141.0	111.3	114.0	109.2	106.9	104.6	103.5	122.9			
G142.0	117.3	117.6	114.0	112.9	109.4	106.0	122.9			
G143.0	119.7	118.8	115.2	114.1	110.7	110.8	127.7			
G144.0	122.1	124.8	120.0	115.3	114.3	114.4	133.6			
G145.0	124.5	128.4	122.4	118.9	115.5	116.8	134.8			
G146.0	128.1	127.2	124.8	122.5	120.3	119.2	137.2			
G147.0	131.7	133.2	127.2	124.9	122.7	124.0	140.8			

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:

## Candlepower Table (Continue 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	135.3	136.8	129.6	129.7	127.5	127.6	142.0			
G149.0	137.7	139.2	133.2	132.1	128.7	130.0	145.6			
G150.0	142.5	142.8	136.8	135.7	129.9	132.4	150.3			
G151.0	143.7	145.2	142.8	138.1	133.5	134.9	151.5			
G152.0	147.3	147.6	145.2	141.8	138.3	138.5	157.5			
G153.0	148.5	153.6	145.2	144.1	140.7	140.9	158.7			
G154.0	152.1	153.6	151.2	145.4	143.1	145.7	158.7			
G155.0	158.0	159.6	152.4	150.2	147.9	146.9	164.7			
G156.0	159.2	160.8	157.2	153.8	150.3	151.7	167.0			
G157.0	162.8	165.6	160.8	157.4	156.3	155.3	170.6			
G158.0	167.6	168.0	163.2	159.8	156.3	157.7	173.0			
G159.0	170.0	174.0	164.4	163.4	161.2	161.3	177.8			
G160.0	173.6	178.8	170.4	167.0	164.8	165.0	179.0			
G161.0	177.2	178.8	172.8	169.4	168.4	167.4	179.0			
G162.0	178.4	181.2	177.6	174.2	172.0	173.4	186.1			
G163.0	183.2	184.8	180.0	174.2	175.6	173.4	186.1			
G164.0	185.6	187.2	182.4	179.0	178.0	178.2	188.5			
G165.0	190.4	190.8	187.2	183.8	180.4	181.8	192.1			
G166.0	194.0	193.2	188.4	187.4	184.0	184.2	195.7			
G167.0	196.4	198.0	192.0	189.8	190.0	189.0	195.7			
G168.0	198.8	200.4	198.0	193.4	192.4	191.5	199.3			
G169.0	202.3	204.0	199.2	197.0	194.8	196.3	202.8			
G170.0	205.9	205.2	200.4	201.8	198.4	197.5	204.0			
G171.0	205.9	208.8	204.0	201.8	202.1	201.1	206.4			
G172.0	208.3	208.8	207.6	204.2	203.3	203.5	207.6			
G173.0	210.7	211.2	207.6	206.6	205.7	203.5	211.2			
G174.0	215.5	213.6	210.0	210.2	204.5	205.9	210.0			
G175.0	213.1	217.2	211.2	211.4	210.5	208.3	211.2			
G176.0	214.3	217.2	213.6	211.4	210.5	209.5	214.8			
G177.0	215.5	219.6	216.0	212.6	211.7	210.7	214.8			
G178.0	217.9	219.6	214.8	215.0	212.9	213.1	217.1			
G179.0	216.7	220.8	214.8	212.6	214.1	213.1	213.6			
G180.0	217.9	219.6	216.0	217.4	214.1	217.9	216.0			

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: