

Report No.:HL-LHB-MW-MCCT-440W-GEN2 Test Time: 2026/1/5 星期一 11:23

Luminaire Property

Luminaire Manufacturer:Havells Lighting LLC

Voltage: 120.0 V

Power: 448.30 W

Current: 3.736 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 66743.3 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(10%,50%): H148.1,H96

Vertical Diffuse Angle(10%,50%): V151.4,V99.6

Luminaire Efficacy Rating (LER): 148.93

Max. Intensity: 27197.98 cd

S/MH(C0/C180): 1.28

Total Rated Lamp Lumens: 66743.3 lm

Efficiency: 100%

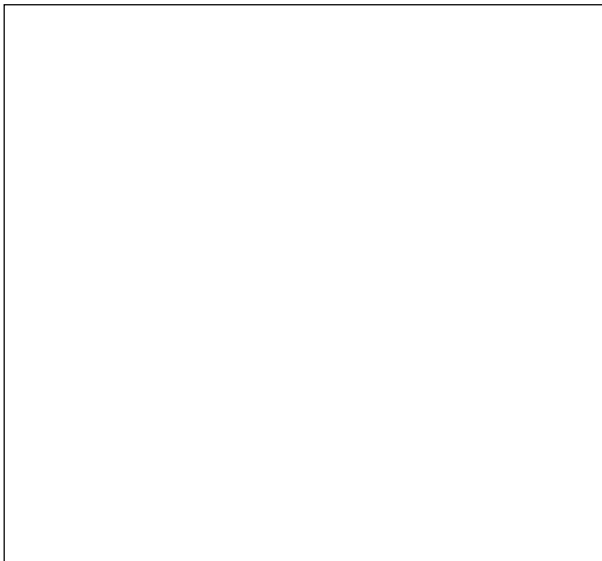
Upward Ratio: 0%

Central Intensity: 27161.2 cd

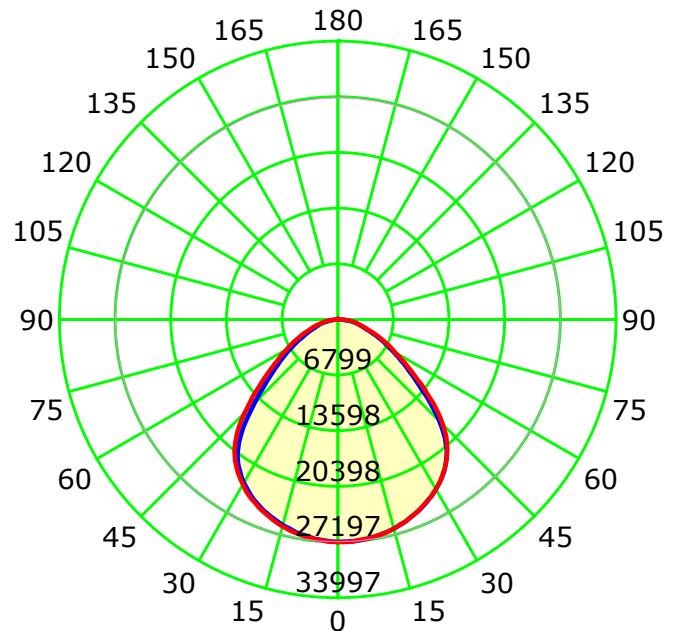
Pos of Max. Intensity: H90 V2

S/MH(C90/C270): 1.29

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 97.8°

— C0-C180 — C90-C270 — 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

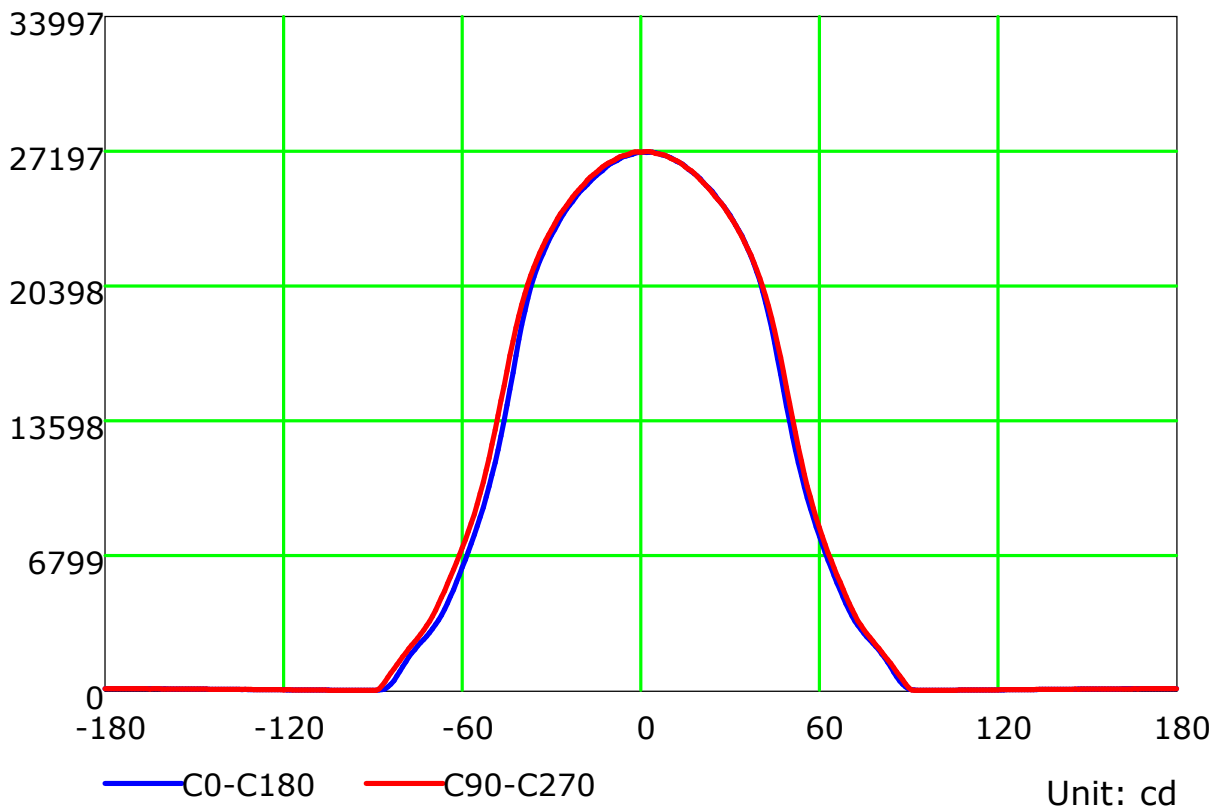
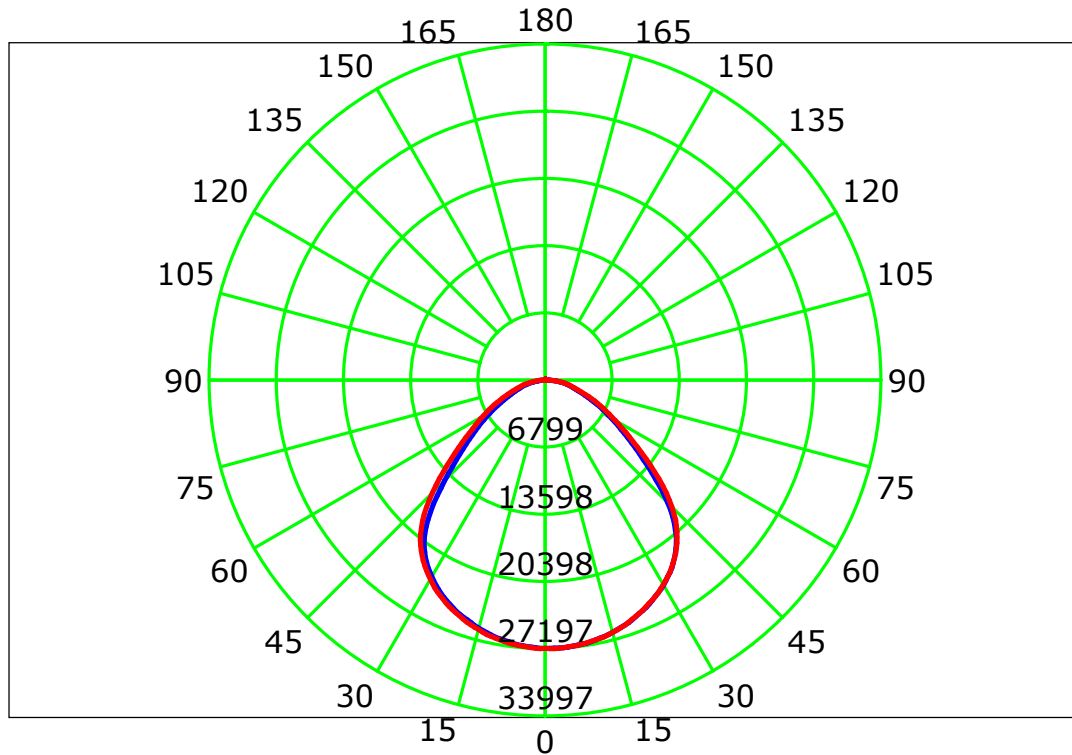
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

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

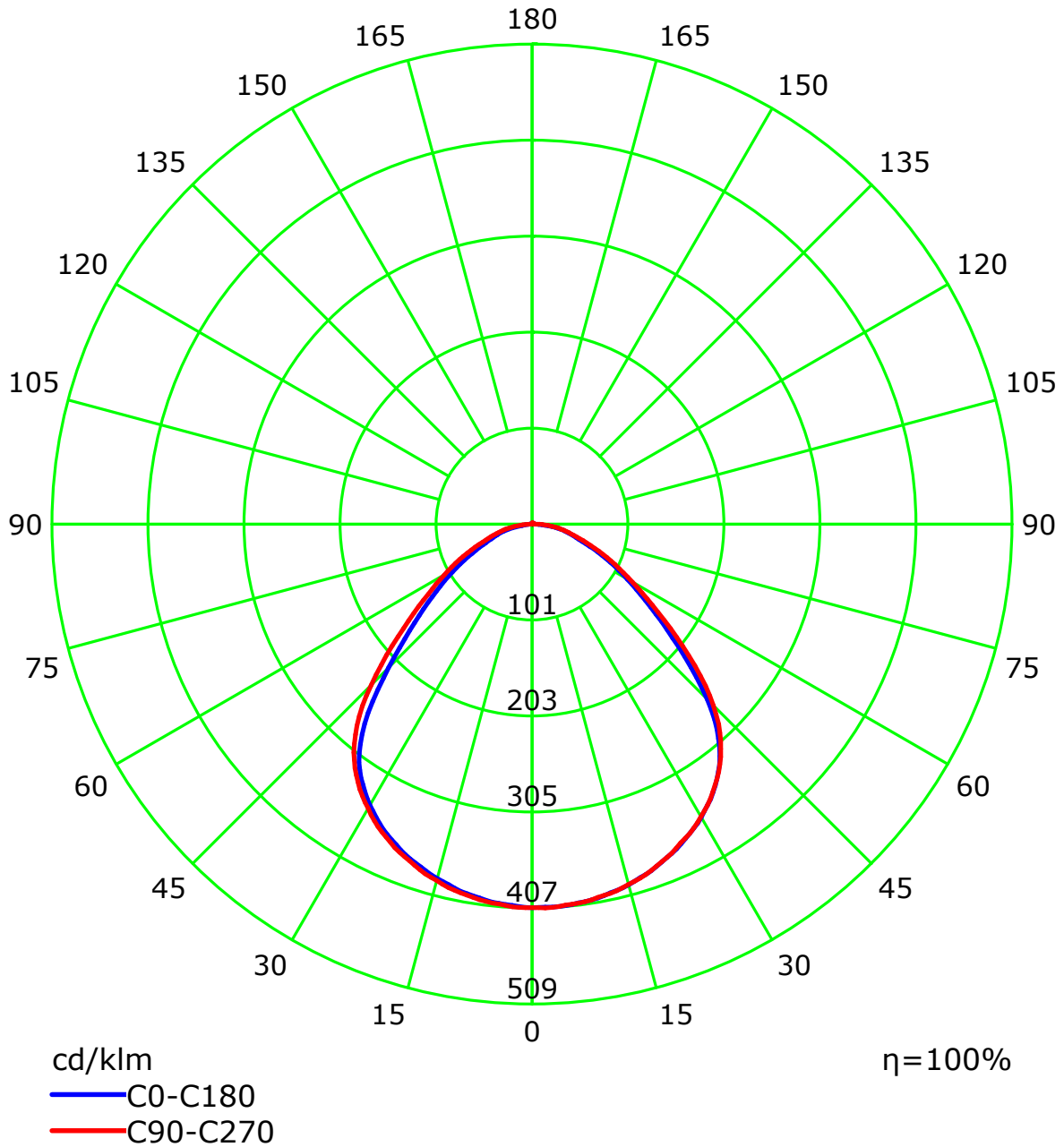
Test Device: GPM-1800B

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:

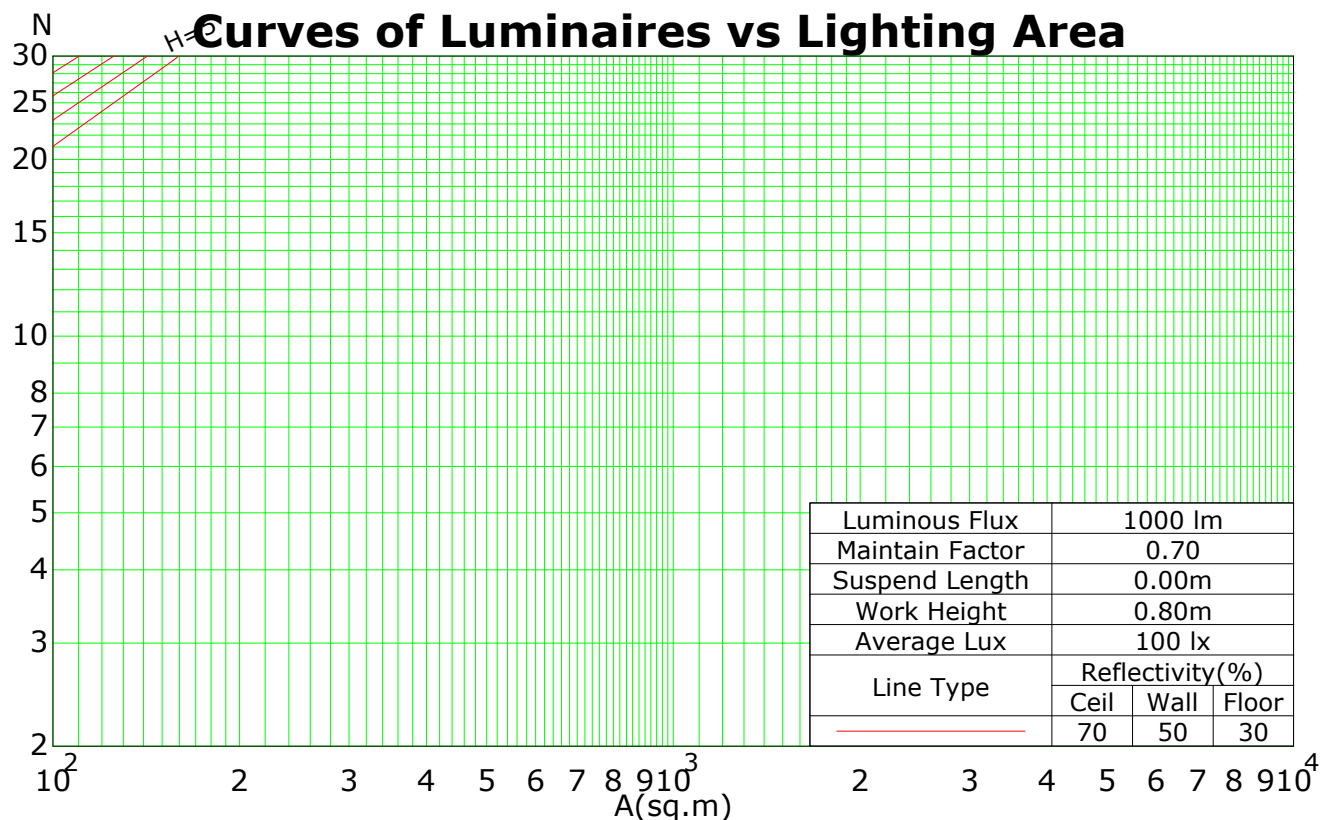
Coefficients Of Utilization - Zonal Cavity Method

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	102	102	102	100
1	110	105	102	98	107	103	100	97	99	96	93	95	93	91	91	90	88	86
2	101	93	87	82	98	91	86	81	88	83	79	85	81	77	82	78	75	73
3	93	83	75	69	90	81	74	69	78	72	67	76	70	66	73	69	65	63
4	85	74	66	60	83	73	65	59	70	64	58	68	62	58	66	61	57	55
5	79	67	58	52	77	66	58	52	63	56	51	61	55	51	60	54	50	48
6	73	60	52	46	71	59	51	46	58	50	45	56	50	45	54	49	44	42
7	68	55	47	41	66	54	46	41	53	45	40	51	45	40	50	44	40	38
8	63	50	42	37	62	50	42	36	48	41	36	47	41	36	46	40	36	34
9	59	46	38	33	58	46	38	33	45	38	33	43	37	33	42	37	32	31
10	56	43	35	30	54	42	35	30	41	34	30	40	34	30	39	34	30	28

Spacing Criteria (0-180): 1.28

Spacing Criteria (90-270): 1.29

Spacing Criteria (Diagonal): 1.34



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

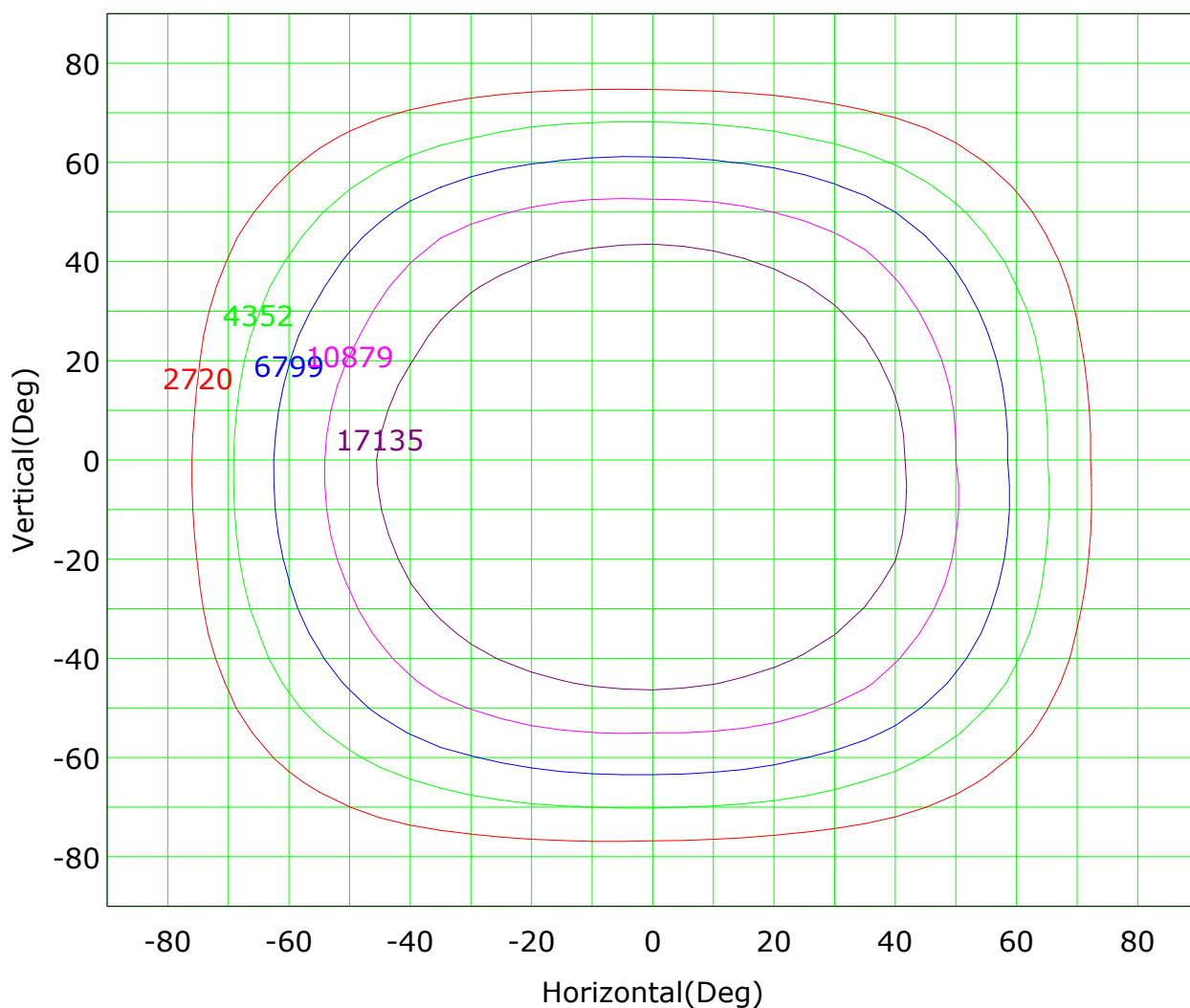
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 27198 cd

(10%): 2720 cd	(16%): 4352 cd
(25%): 6799 cd	(40%): 10879 cd
(63%): 17135 cd	(100%): 27198 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

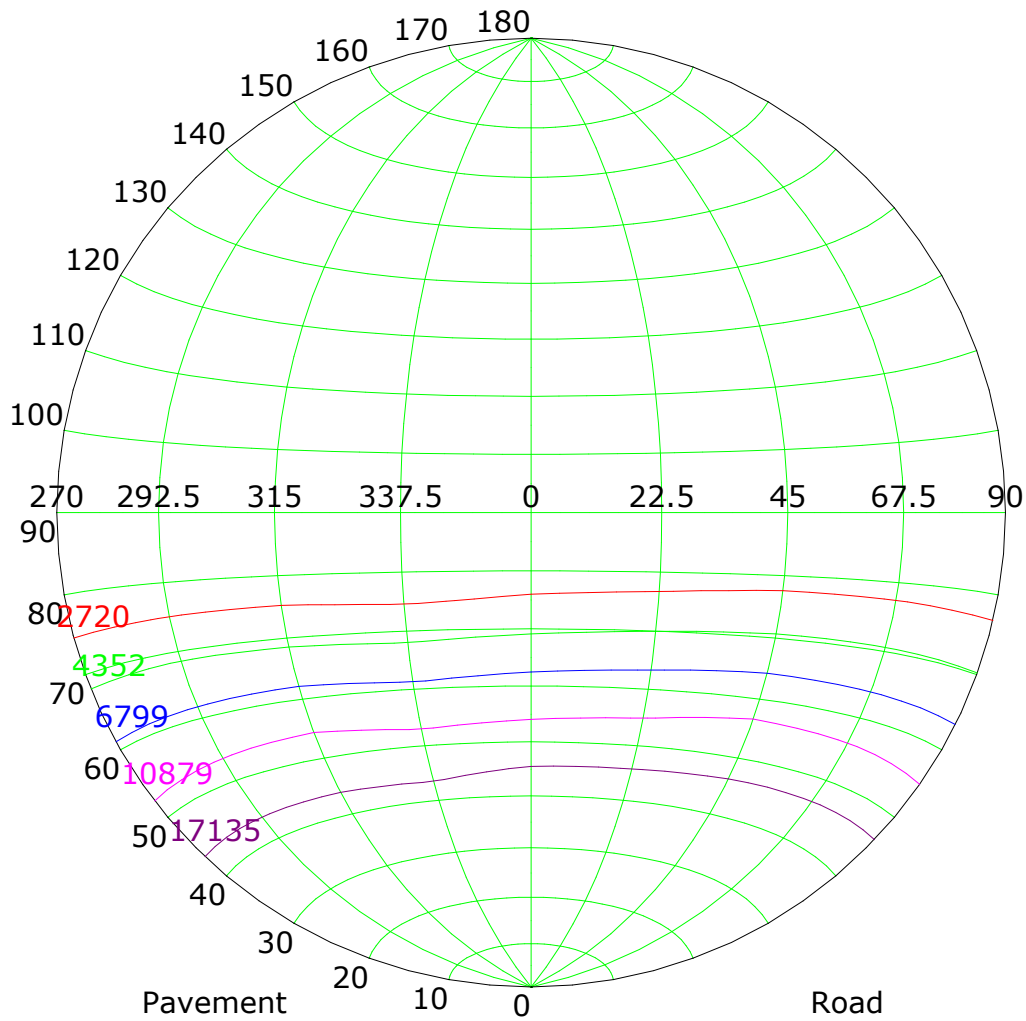
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 27198 cd

(10%): 2720 cd
(25%): 6799 cd
(63%): 17135 cd

(16%): 4352 cd
(40%): 10879 cd
(100%): 27198 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

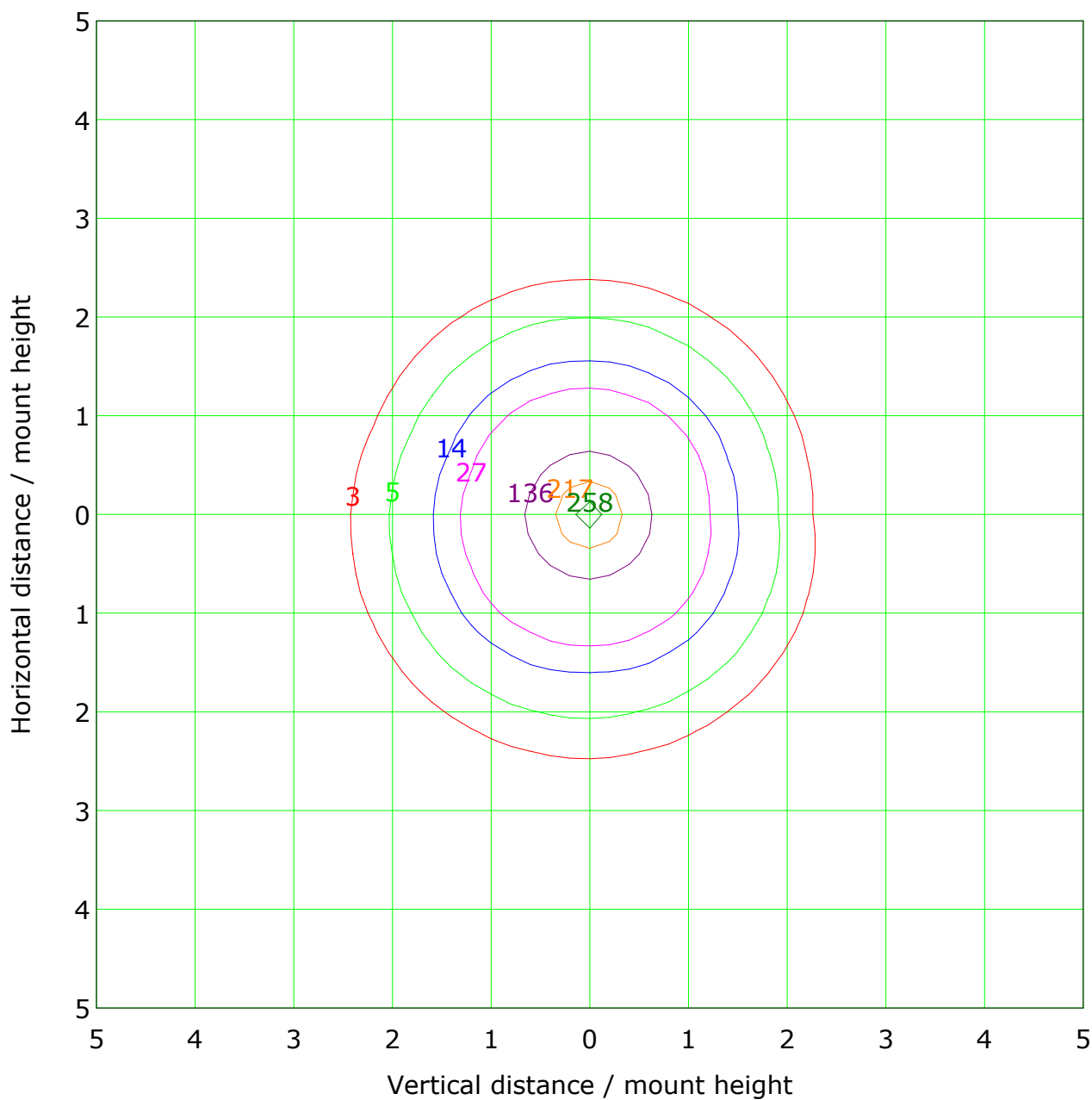
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

IsoLux Plot



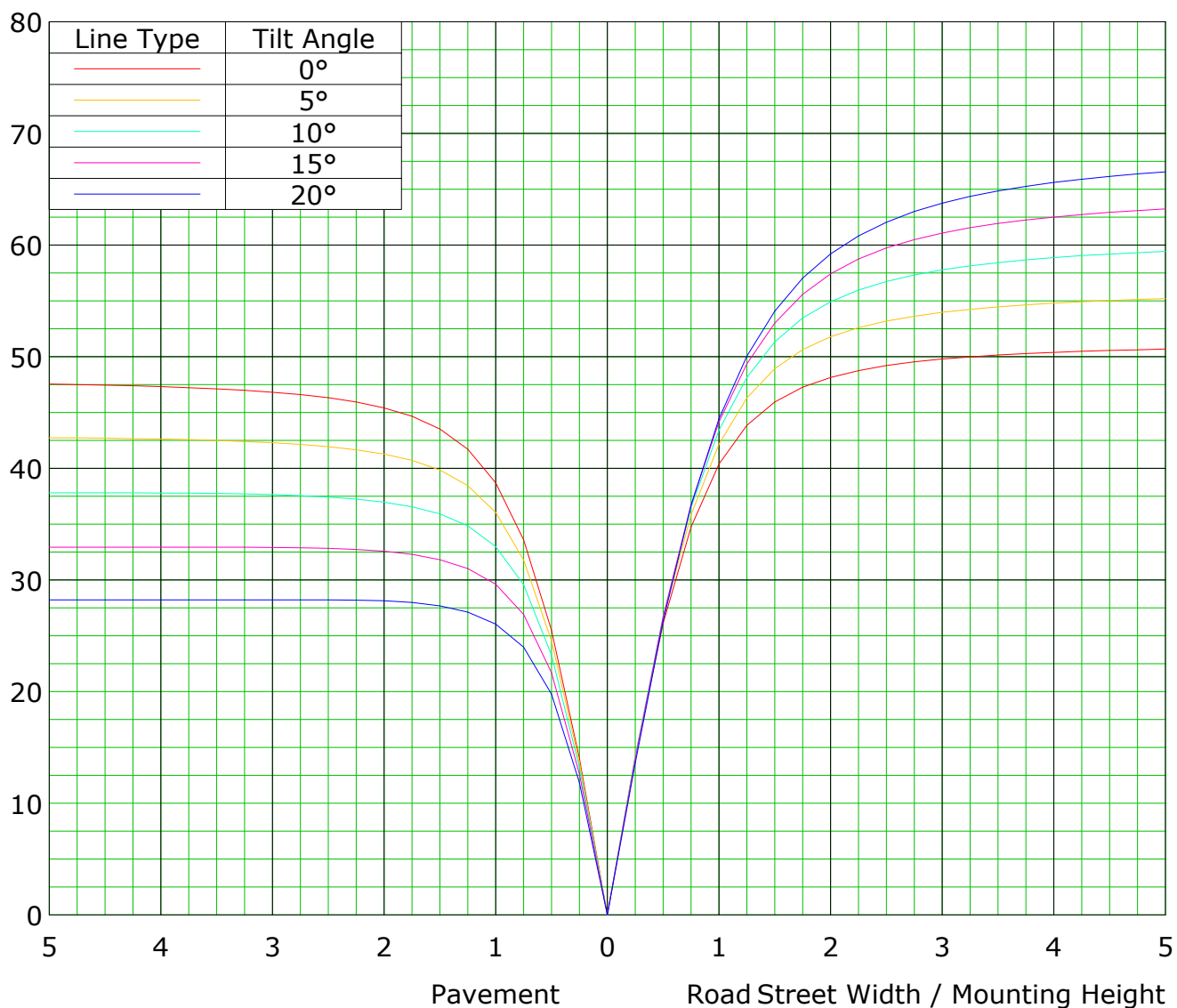
Mounting Height: 10.0m		Max Lux(100%): 271.7 lx	
(1%):	2.7 lx	(2%):	5.4 lx
(5%):	13.6 lx	(10%):	27.2 lx
(50%):	135.8 lx	(80%):	217.3 lx
(95%):	258.1 lx	(100%):	271.7 lx

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

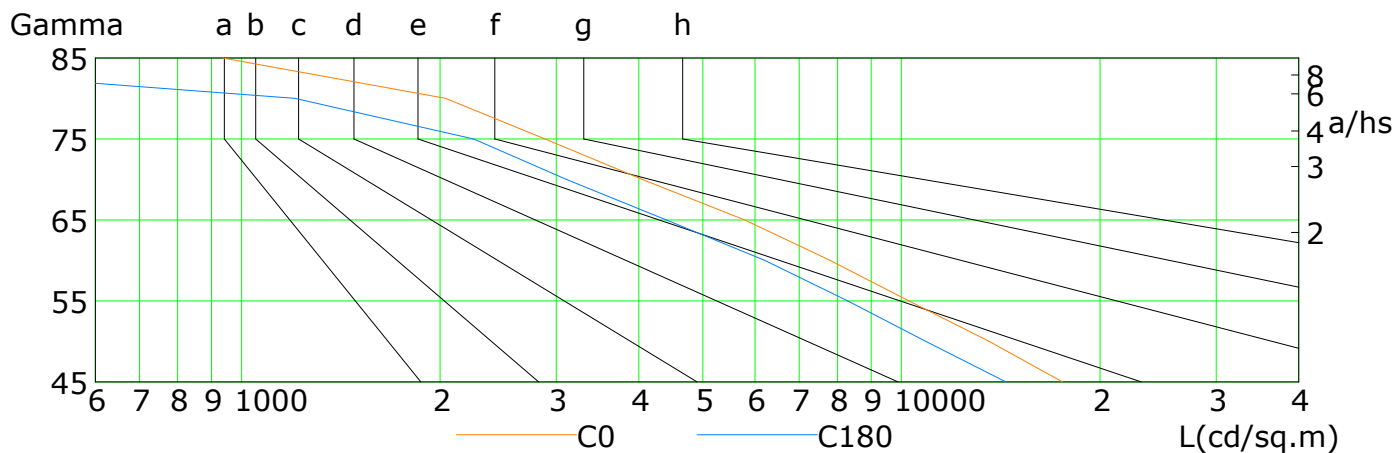
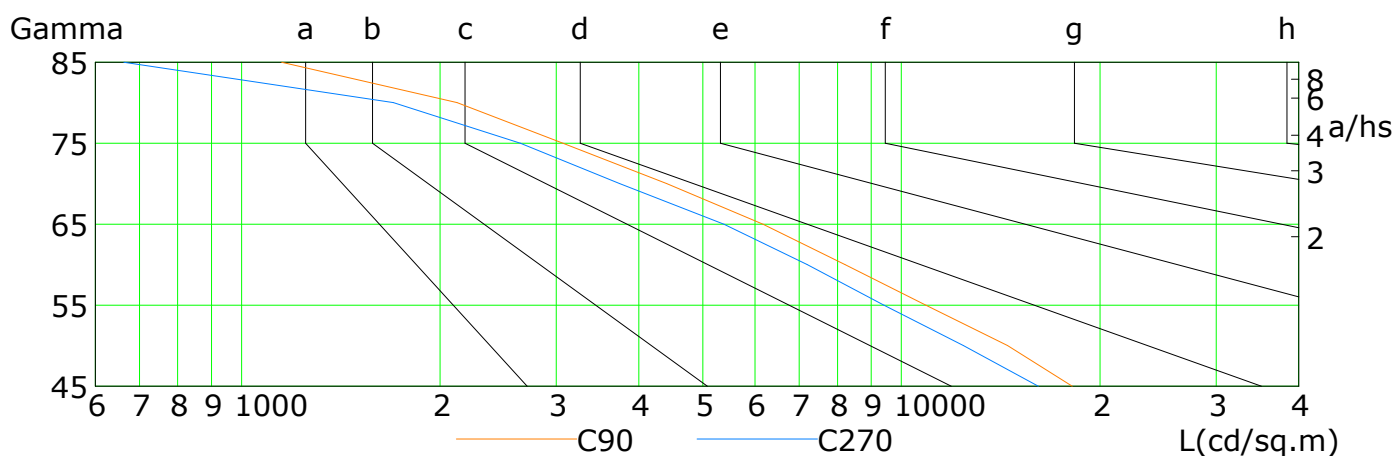
Humidity:

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	17543	13568	10265	7796	5787	4044	2884	2038	937
C90	18158	14484	10898	8208	6172	4408	3068	2122	1150
C180	14401	10883	8296	6204	4404	3106	2249	1204	187
C270	16125	12413	9407	7195	5386	3741	2645	1698	663

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

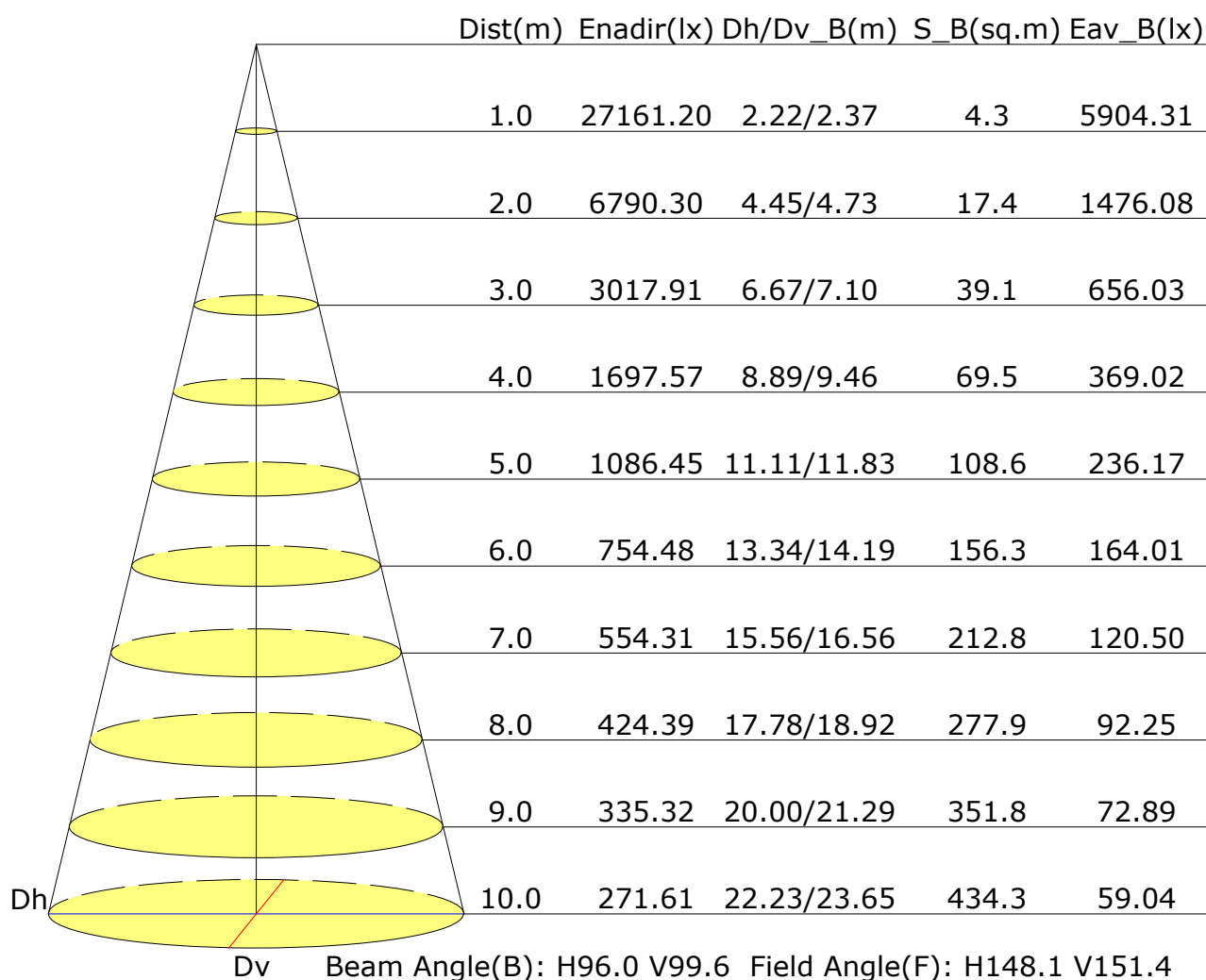
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

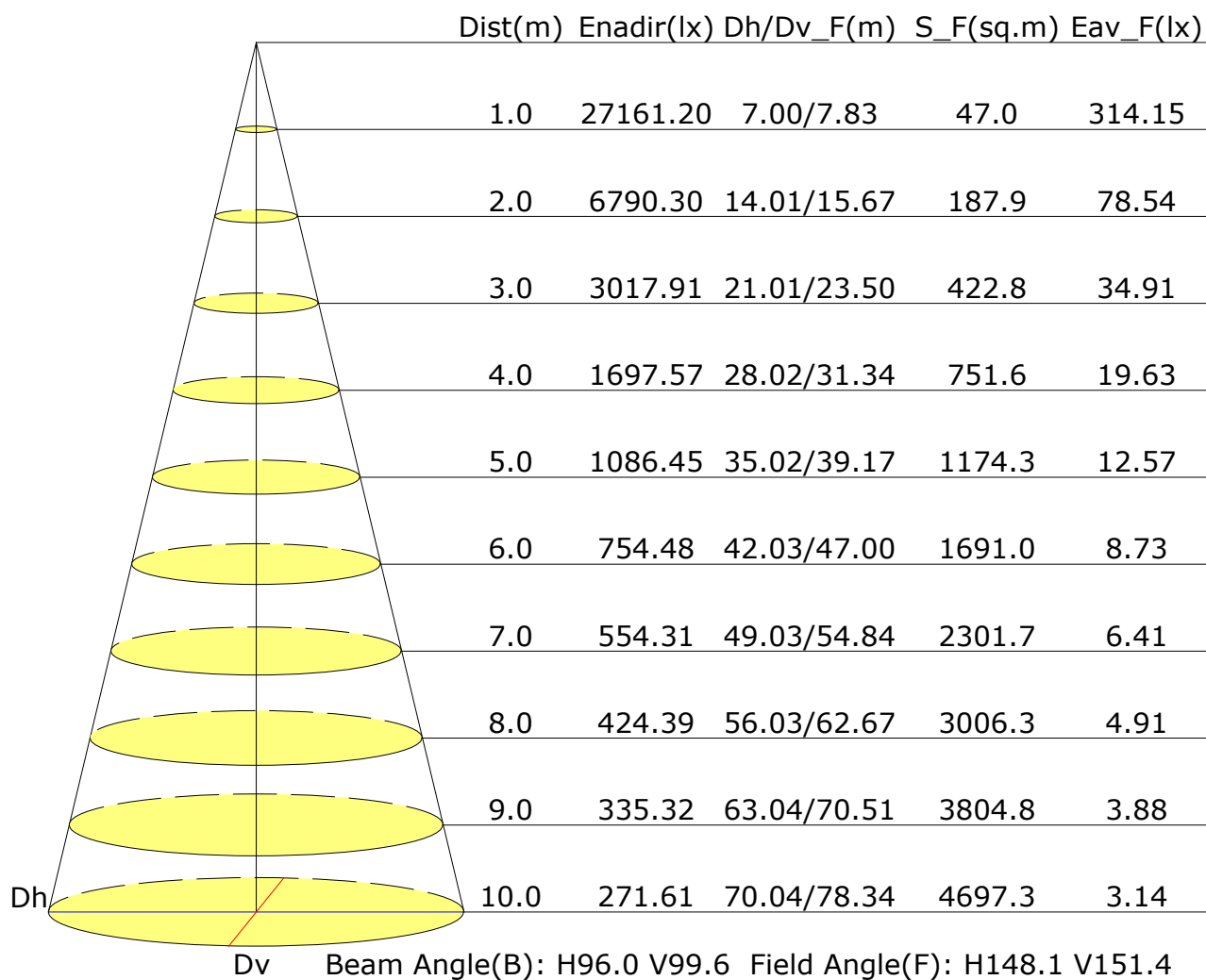
Illuminance at a Distance(Beam Angle)



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:

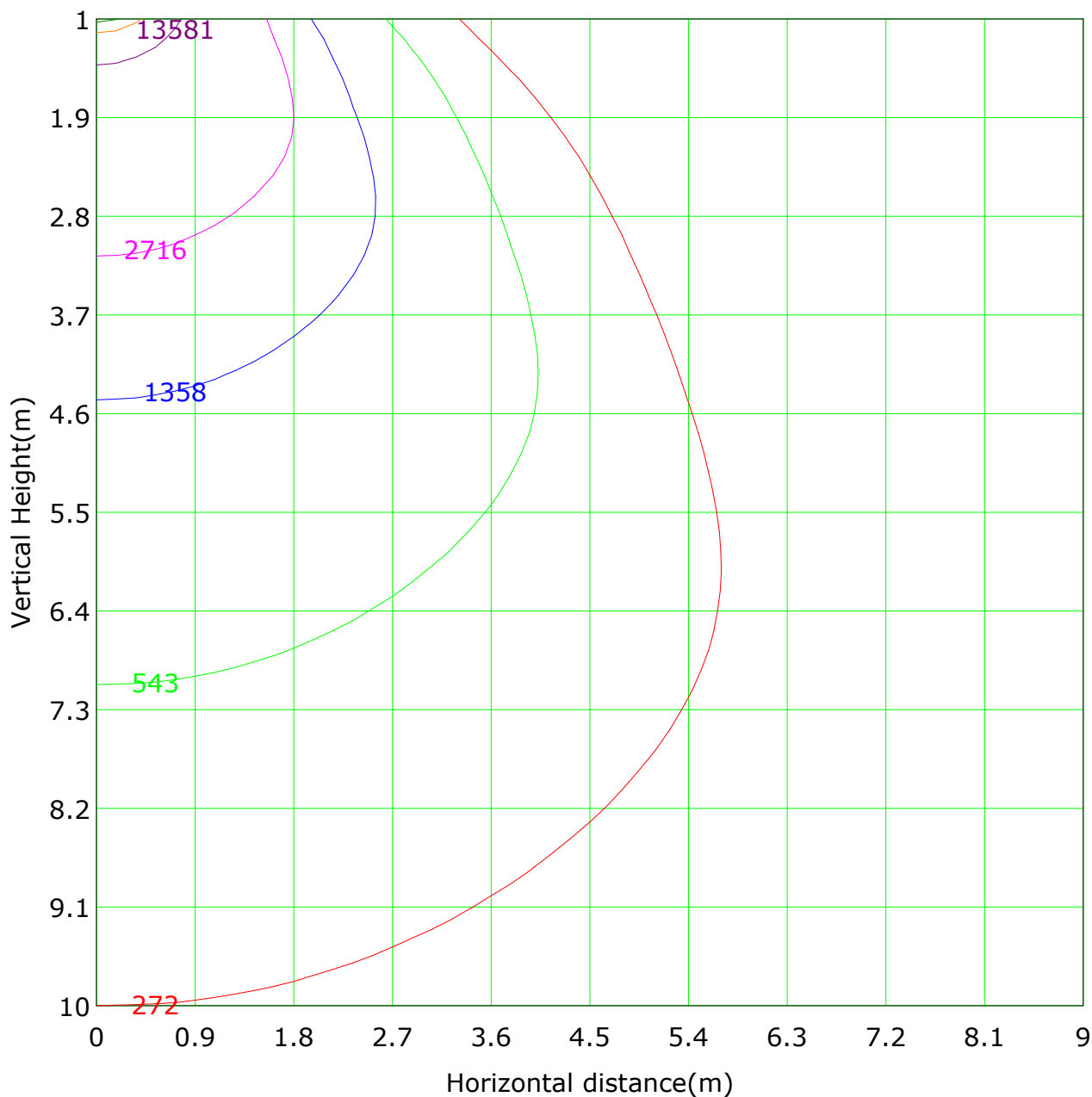
Illuminance at a Distance(Field Angle)



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): 10.0m Max Lux: 27161.2 lx

(1%): 271.6 lx	(2%): 543.2 lx
(5%): 1358.1 lx	(10%): 2716.1 lx
(50%): 13580.6 lx	(80%): 21729.0 lx
(95%): 25803.1 lx	(100%): 27161.2 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

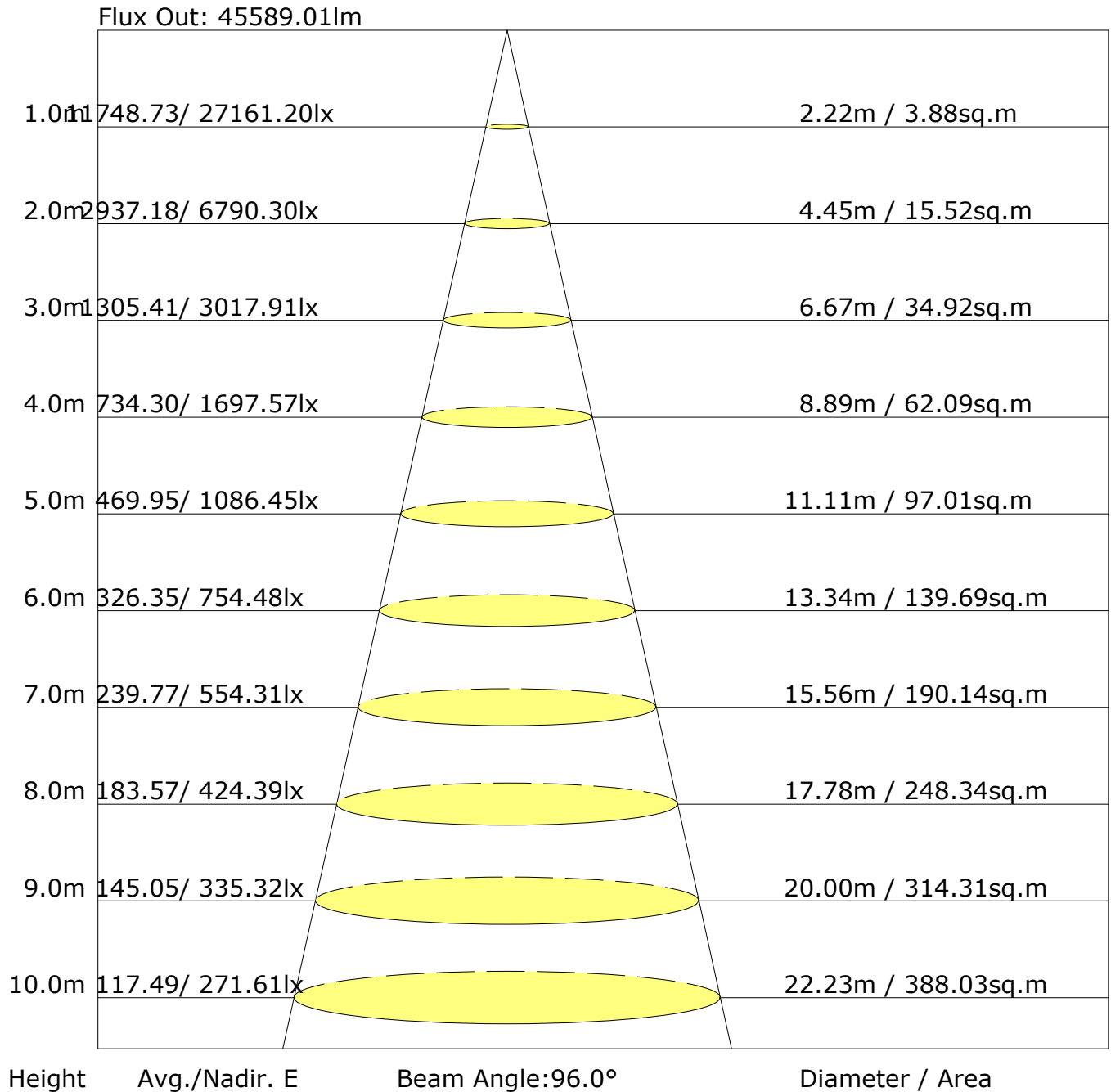
Unit: lm

Vertical plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
Flux(T)	12.8	191.0	629.8	1490.2	2949.7	4868.5	6472.7	7613.8	8228.6	8274.7	7750.6	6692.5	5178.2	3222.9	1739.9	776.9	266.8	37.7	66497
Flux(E)	0.0	27.9	491.9	1368.2	2833.8	4753.8	6357.0	7496.6	8114.8	8162.5	7636.8	6577.8	5065.0	3209.2	1621.4	650.2	107.5	0.0	64474
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	0.0	0.1	0.5	1.9	5.2	10.0	15.0	18.7	20.9	21.7	20.9	18.4	14.1	9.2	4.7	1.8	0.9	0.3	164.3
	0.0	1.0	6.5	19.3	35.4	50.7	64.2	74.4	80.2	81.2	77.3	68.4	55.7	41.1	25.1	11.2	3.7	0.6	696.0
	0.1	3.8	18.1	39.1	64.0	92.4	121.8	146.7	161.5	163.6	152.6	129.7	100.0	70.3	44.0	23.0	8.2	1.0	1340.0
	0.3	7.8	27.8	56.6	99.7	156.5	214.5	261.9	287.1	290.8	272.1	228.4	170.4	110.4	63.2	32.2	12.5	1.6	2293.8
	0.6	11.4	35.8	78.0	148.4	245.4	343.2	425.1	477.9	483.7	441.2	364.0	266.8	164.2	87.9	41.3	15.9	2.1	3633.0
	0.9	14.2	43.6	101.7	200.2	338.1	478.2	588.4	646.5	650.7	602.0	501.2	364.4	220.5	115.0	51.6	18.7	2.6	4938.4
	1.1	16.2	50.7	123.3	247.4	423.7	584.8	684.8	734.5	737.8	693.9	601.1	451.8	274.0	141.7	61.7	20.9	3.0	5852.5
	1.3	17.5	56.2	139.6	287.6	489.9	640.1	736.1	785.9	788.7	743.6	653.1	515.9	327.9	164.8	70.1	22.6	3.3	6444.8
	1.4	18.1	58.8	147.3	310.9	521.4	663.8	759.1	811.8	814.8	768.2	680.5	552.5	365.6	179.9	75.2	23.7	3.5	6756.4
	1.5	18.3	59.7	150.2	318.7	528.8	669.9	764.9	815.8	817.9	773.0	685.9	558.6	372.7	183.1	76.3	23.9	3.5	6822.6
	1.4	18.1	58.9	147.6	309.7	515.5	656.0	748.0	795.6	797.0	754.1	667.4	537.0	348.9	173.8	73.2	23.3	3.4	6628.7
	1.3	17.1	54.7	135.0	275.6	463.3	611.1	703.5	750.5	752.7	711.1	624.6	485.9	303.0	154.7	66.5	21.9	3.2	6135.8
	1.1	15.4	48.2	114.9	226.0	377.6	522.6	624.8	676.1	679.2	635.0	540.5	399.8	247.0	129.6	57.3	20.0	2.8	5317.9
	0.8	13.0	40.3	90.1	171.0	281.7	391.0	481.7	535.9	539.8	492.2	405.5	299.7	187.1	101.6	47.1	17.5	2.4	4098.4
	0.5	9.8	32.0	65.6	117.0	183.4	250.7	305.6	333.6	335.8	311.8	261.7	196.8	128.7	74.0	37.1	14.4	1.9	2660.2
	0.3	6.1	23.3	45.9	74.8	108.5	142.6	170.8	186.6	188.4	175.8	150.2	116.7	82.2	51.6	28.0	10.6	1.3	1563.7
	0.1	2.5	12.3	27.5	44.9	61.4	76.3	87.8	94.3	95.4	91.1	81.1	66.8	50.6	33.3	17.7	6.1	0.8	849.9
	0.0	0.5	2.4	6.6	13.0	20.1	26.7	31.4	34.1	35.1	34.4	31.4	26.0	19.4	11.9	5.8	2.1	0.4	301.3
	0.0	0.5	2.4	6.6	13.0	20.1	26.7	31.4	34.1	35.1	34.4	31.4	26.0	19.4	11.9	5.8	2.1	0.4	301.3

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

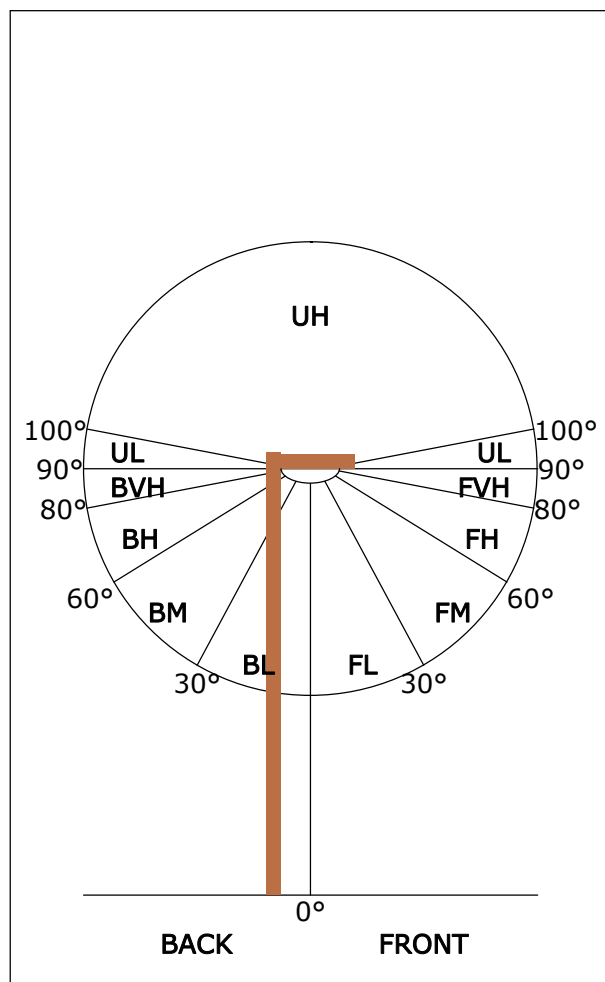
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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 66743lm ($8\log(F/F_0) = 14.6$).

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



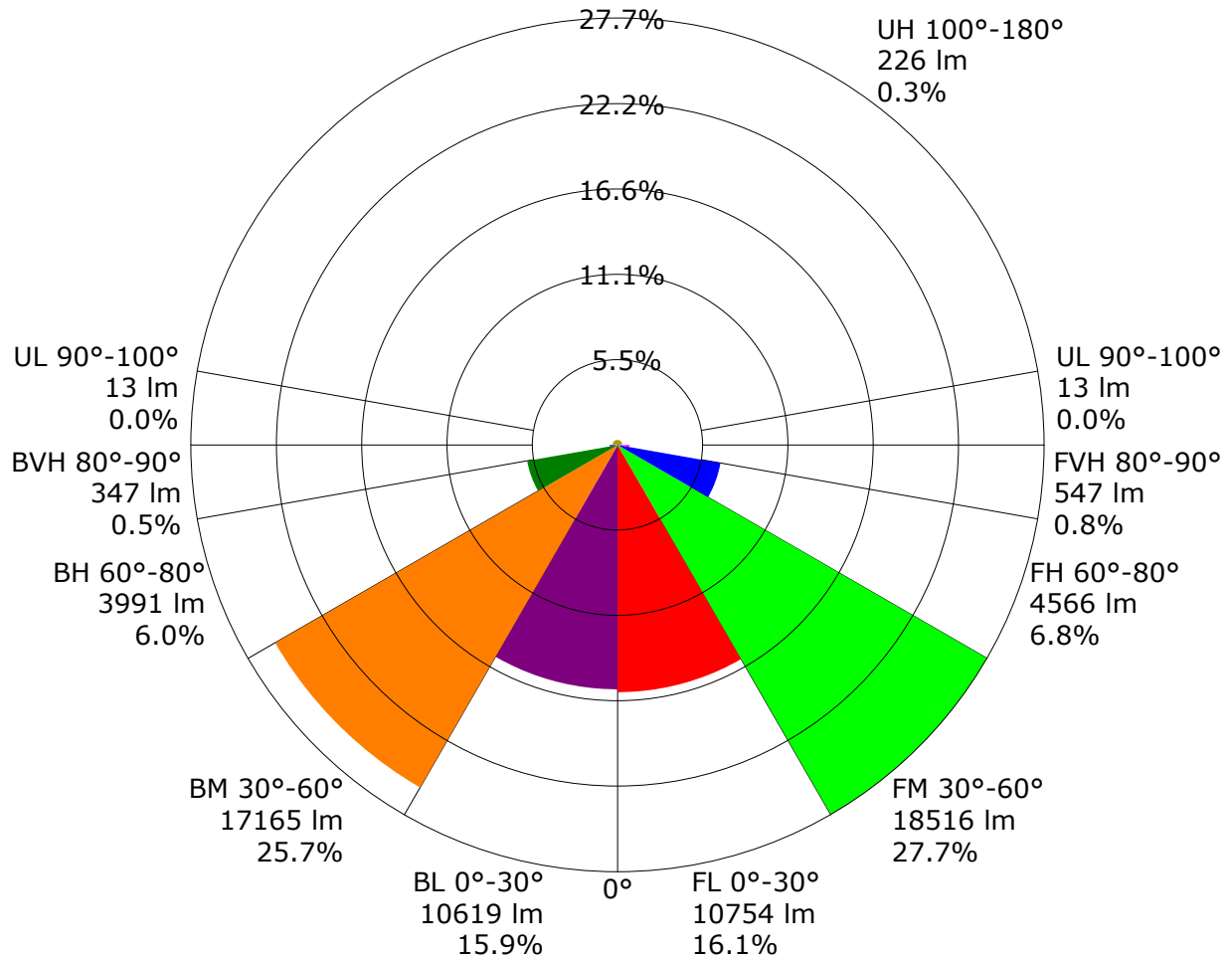
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	34382	51.5
FL (0°-30°)	10754	16.1
FM (30°-60°)	18516	27.7
FH (60°-80°)	4566	6.8
FVH (80°-90°)	547	0.8
BACK LIGHT	32122	48.1
BL (0°-30°)	10619	15.9
BM (30°-60°)	17165	25.7
BH (60°-80°)	3991	6.0
BVH (80°-90°)	347	0.5
UP LIGHT	239	0.4
UL (90°-100°)	13	0.0
UH (100°-180°)	226	0.3
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B5 U5 G4
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B5 U5 G4

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



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 = 1.25									
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	0.62	0.72	0.79	0.84	0.91	0.95	0.98	1.02	1.05	
	0.30		0.55	0.65	0.72	0.78	0.85	0.90	0.94	0.99	1.02	
	0.20		0.49	0.60	0.67	0.73	0.81	0.86	0.90	0.95	0.99	
0.50	0.50	0.20	0.60	0.70	0.77	0.81	0.88	0.92	0.95	0.98	1.01	
	0.30		0.54	0.64	0.71	0.76	0.83	0.88	0.91	0.95	0.98	
	0.20		0.49	0.59	0.66	0.72	0.79	0.84	0.88	0.93	0.96	
0.30	0.50	0.20	0.59	0.68	0.74	0.79	0.85	0.89	0.91	0.95	0.97	
	0.30		0.53	0.63	0.70	0.74	0.81	0.85	0.88	0.92	0.95	
	0.20		0.49	0.59	0.66	0.71	0.77	0.82	0.86	0.90	0.93	
0.00	0.00	0.00	0.47	0.56	0.63	0.68	0.74	0.78	0.82	0.86	0.88	
Rating:448W 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 = 1.25									
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	0.92	0.75	0.63	0.55	0.43	0.36	0.31	0.24	0.19	
	0.30		0.76	0.64	0.55	0.48	0.39	0.33	0.28	0.22	0.18	
	0.20		0.66	0.56	0.49	0.43	0.36	0.30	0.26	0.21	0.17	
0.50	0.50	0.20	0.88	0.71	0.60	0.52	0.41	0.37	0.29	0.22	0.18	
	0.30		0.75	0.62	0.53	0.47	0.38	0.31	0.27	0.21	0.17	
	0.20		0.65	0.55	0.48	0.42	0.35	0.29	0.25	0.20	0.17	
0.30	0.50	0.20	0.86	0.69	0.58	0.50	0.39	0.32	0.27	0.21	0.17	
	0.30		0.73	0.60	0.52	0.45	0.36	0.30	0.26	0.20	0.17	
	0.20		0.64	0.54	0.47	0.41	0.34	0.28	0.24	0.19	0.16	
0.00	0.00	0.00	0.53	0.44	0.37	0.32	0.26	0.21	0.18	0.14	0.12	
Rating:448W 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 = 1.25									
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	0.16	0.17	0.18	0.19	0.20	0.20	0.21	0.21	0.22	
	0.30		0.10	0.11	0.13	0.14	0.15	0.17	0.18	0.19	0.20	
	0.20		0.05	0.07	0.08	0.10	0.12	0.13	0.15	0.16	0.17	
0.50	0.50	0.20	0.15	0.17	0.17	0.18	0.19	0.20	0.20	0.21	0.21	
	0.30		0.10	0.11	0.12	0.13	0.15	0.16	0.17	0.18	0.19	
	0.20		0.05	0.07	0.08	0.10	0.12	0.13	0.14	0.16	0.17	
0.30	0.50	0.20	0.15	0.16	0.17	0.17	0.18	0.19	0.19	0.20	0.20	
	0.30		0.09	0.11	0.12	0.13	0.15	0.16	0.16	0.17	0.18	
	0.20		0.05	0.07	0.08	0.09	0.11	0.13	0.14	0.15	0.16	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Rating:448W 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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	27160.3	26.0	26.0	0.04	0.04
1.0-2.0	27155.8	78.0	103.9	0.12	0.16
2.0-3.0	27142.2	129.8	233.8	0.19	0.35
3.0-4.0	27113.2	181.5	415.3	0.27	0.62
4.0-5.0	27074.3	232.9	648.2	0.35	0.97
5.0-6.0	27034.3	284.1	932.4	0.43	1.40
6.0-7.0	26990.4	335.1	1267.4	0.50	1.90
7.0-8.0	26936.8	385.6	1653.0	0.58	2.48
8.0-9.0	26870.1	435.5	2088.5	0.65	3.13
9.0-10.0	26794.0	485.0	2573.5	0.73	3.86
10.0-11.0	26713.6	533.8	3107.3	0.80	4.66
11.0-12.0	26629.5	582.2	3689.5	0.87	5.53
12.0-13.0	26539.6	629.9	4319.4	0.94	6.47
13.0-14.0	26435.3	676.7	4996.2	1.01	7.49
14.0-15.0	26319.6	722.7	5718.8	1.08	8.57
15.0-16.0	26200.4	767.8	6486.7	1.15	9.72
16.0-17.0	26078.3	812.2	7298.9	1.22	10.94
17.0-18.0	25949.8	855.7	8154.6	1.28	12.22
18.0-19.0	25807.5	898.0	9052.6	1.35	13.56
19.0-20.0	25655.5	939.1	9991.7	1.41	14.97
20.0-21.0	25498.5	979.2	10971.0	1.47	16.44
21.0-22.0	25337.5	1018.3	11989.3	1.53	17.96
22.0-23.0	25169.3	1056.2	13045.5	1.58	19.55
23.0-24.0	24986.3	1092.6	14138.1	1.64	21.18
24.0-25.0	24788.9	1127.3	15265.4	1.69	22.87
25.0-26.0	24585.8	1160.7	16426.1	1.74	24.61
26.0-27.0	24379.5	1192.9	17619.0	1.79	26.40
27.0-28.0	24160.3	1223.4	18842.4	1.83	28.23
28.0-29.0	23922.6	1251.8	20094.2	1.88	30.11
29.0-30.0	23668.8	1278.1	21372.3	1.91	32.02
30.0-31.0	23404.7	1302.6	22674.9	1.95	33.97
31.0-32.0	23132.9	1325.5	24000.4	1.99	35.96
32.0-33.0	22845.7	1346.1	25346.4	2.02	37.98
33.0-34.0	22533.4	1363.9	26710.3	2.04	40.02
34.0-35.0	22194.6	1378.6	28088.9	2.07	42.08
35.0-36.0	21834.3	1390.4	29479.3	2.08	44.17

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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	21448.2	1399.0	30878.3	2.10	46.26
37.0-38.0	21027.8	1403.8	32282.1	2.10	48.37
38.0-39.0	20565.1	1403.9	33686.0	2.10	50.47
39.0-40.0	20054.7	1398.9	35084.8	2.10	52.57
40.0-41.0	19503.7	1389.0	36473.9	2.08	54.65
41.0-42.0	18922.9	1375.0	37848.9	2.06	56.71
42.0-43.0	18307.1	1356.3	39205.2	2.03	58.74
43.0-44.0	17652.8	1332.5	40537.7	2.00	60.74
44.0-45.0	16976.3	1304.8	41842.5	1.96	62.69
45.0-46.0	16294.2	1274.5	43117.0	1.91	64.60
46.0-47.0	15610.5	1241.7	44358.8	1.86	66.46
47.0-48.0	14929.5	1207.1	45565.8	1.81	68.27
48.0-49.0	14257.6	1171.0	46736.8	1.75	70.02
49.0-50.0	13591.9	1133.4	47870.2	1.70	71.72
50.0-51.0	12933.8	1094.4	48964.6	1.64	73.36
51.0-52.0	12301.2	1055.7	50020.3	1.58	74.94
52.0-53.0	11689.4	1017.0	51037.3	1.52	76.47
53.0-54.0	11083.8	977.1	52014.3	1.46	77.93
54.0-55.0	10492.4	936.7	52951.1	1.40	79.34
55.0-56.0	9923.9	896.9	53847.9	1.34	80.68
56.0-57.0	9381.3	857.9	54705.8	1.29	81.96
57.0-58.0	8864.1	819.8	55525.6	1.23	83.19
58.0-59.0	8366.1	782.2	56307.9	1.17	84.36
59.0-60.0	7882.2	744.8	57052.6	1.12	85.48
60.0-61.0	7422.0	708.4	57761.0	1.06	86.54
61.0-62.0	6988.6	673.5	58434.5	1.01	87.55
62.0-63.0	6567.9	638.9	59073.4	0.96	88.51
63.0-64.0	6157.0	604.2	59677.7	0.91	89.41
64.0-65.0	5765.8	570.7	60248.3	0.86	90.27
65.0-66.0	5390.3	537.9	60786.2	0.81	91.07
66.0-67.0	5032.2	506.1	61292.3	0.76	91.83
67.0-68.0	4697.2	475.9	61768.2	0.71	92.55
68.0-69.0	4380.4	446.9	62215.1	0.67	93.22
69.0-70.0	4081.0	419.2	62634.3	0.63	93.84
70.0-71.0	3802.0	393.0	63027.3	0.59	94.43
71.0-72.0	3547.3	368.9	63396.2	0.55	94.99

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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	3310.8	346.3	63742.5	0.52	95.50
73.0-74.0	3089.5	324.8	64067.3	0.49	95.99
74.0-75.0	2884.3	304.8	64372.1	0.46	96.45
75.0-76.0	2688.0	285.4	64657.5	0.43	96.87
76.0-77.0	2499.8	266.6	64924.1	0.40	97.27
77.0-78.0	2316.5	248.0	65172.1	0.37	97.65
78.0-79.0	2128.6	228.7	65400.8	0.34	97.99
79.0-80.0	1935.5	208.7	65609.5	0.31	98.30
80.0-81.0	1736.5	187.8	65797.3	0.28	98.58
81.0-82.0	1530.5	166.0	65963.3	0.25	98.83
82.0-83.0	1318.2	143.3	66106.6	0.21	99.05
83.0-84.0	1098.2	119.7	66226.3	0.18	99.23
84.0-85.0	876.8	95.7	66322.0	0.14	99.37
85.0-86.0	660.3	72.2	66394.2	0.11	99.48
86.0-87.0	461.4	50.5	66444.7	0.08	99.55
87.0-88.0	294.1	32.2	66476.9	0.05	99.60
88.0-89.0	166.2	18.2	66495.1	0.03	99.63
89.0-90.0	80.3	8.8	66503.9	0.01	99.64
90.0-91.0	31.9	3.5	66507.4	0.01	99.65
91.0-92.0	13.1	1.4	66508.9	0.00	99.65
92.0-93.0	8.8	1.0	66509.8	0.00	99.65
93.0-94.0	8.2	0.9	66510.7	0.00	99.65
94.0-95.0	8.8	1.0	66511.7	0.00	99.65
95.0-96.0	9.1	1.0	66512.7	0.00	99.65
96.0-97.0	9.7	1.1	66513.7	0.00	99.66
97.0-98.0	10.6	1.1	66514.9	0.00	99.66
98.0-99.0	11.0	1.2	66516.1	0.00	99.66
99.0-100.0	11.5	1.2	66517.3	0.00	99.66
100.0-101.0	12.3	1.3	66518.7	0.00	99.66
101.0-102.0	12.9	1.4	66520.0	0.00	99.67
102.0-103.0	13.5	1.4	66521.5	0.00	99.67
103.0-104.0	14.3	1.5	66523.0	0.00	99.67
104.0-105.0	15.5	1.6	66524.7	0.00	99.67
105.0-106.0	16.7	1.8	66526.4	0.00	99.68
106.0-107.0	17.4	1.8	66528.3	0.00	99.68
107.0-108.0	17.9	1.9	66530.1	0.00	99.68

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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
108.0-109.0	18.6	1.9	66532.1	0.00	99.68
109.0-110.0	19.6	2.0	66534.1	0.00	99.69
110.0-111.0	20.7	2.1	66536.2	0.00	99.69
111.0-112.0	22.1	2.3	66538.5	0.00	99.69
112.0-113.0	23.3	2.4	66540.8	0.00	99.70
113.0-114.0	24.5	2.5	66543.3	0.00	99.70
114.0-115.0	25.6	2.6	66545.9	0.00	99.70
115.0-116.0	26.8	2.7	66548.5	0.00	99.71
116.0-117.0	28.5	2.8	66551.3	0.00	99.71
117.0-118.0	29.7	2.9	66554.2	0.00	99.72
118.0-119.0	30.7	3.0	66557.2	0.00	99.72
119.0-120.0	31.9	3.0	66560.2	0.00	99.73
120.0-121.0	33.4	3.2	66563.4	0.00	99.73
121.0-122.0	35.0	3.3	66566.7	0.00	99.74
122.0-123.0	36.4	3.4	66570.0	0.01	99.74
123.0-124.0	37.6	3.4	66573.5	0.01	99.75
124.0-125.0	38.9	3.5	66577.0	0.01	99.75
125.0-126.0	40.2	3.6	66580.6	0.01	99.76
126.0-127.0	41.3	3.6	66584.2	0.01	99.76
127.0-128.0	42.8	3.7	66587.9	0.01	99.77
128.0-129.0	44.1	3.8	66591.7	0.01	99.77
129.0-130.0	45.6	3.9	66595.6	0.01	99.78
130.0-131.0	47.1	3.9	66599.5	0.01	99.78
131.0-132.0	48.1	3.9	66603.4	0.01	99.79
132.0-133.0	49.4	4.0	66607.4	0.01	99.80
133.0-134.0	50.9	4.0	66611.5	0.01	99.80
134.0-135.0	52.0	4.1	66615.6	0.01	99.81
135.0-136.0	53.4	4.1	66619.7	0.01	99.81
136.0-137.0	54.6	4.1	66623.8	0.01	99.82
137.0-138.0	55.9	4.1	66627.9	0.01	99.83
138.0-139.0	57.2	4.2	66632.1	0.01	99.83
139.0-140.0	58.6	4.2	66636.3	0.01	99.84
140.0-141.0	59.8	4.2	66640.4	0.01	99.85
141.0-142.0	61.0	4.2	66644.6	0.01	99.85
142.0-143.0	62.2	4.2	66648.7	0.01	99.86
143.0-144.0	63.3	4.1	66652.9	0.01	99.86

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 _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	64.3	4.1	66657.0	0.01	99.87
145.0-146.0	65.5	4.1	66661.0	0.01	99.88
146.0-147.0	66.8	4.0	66665.1	0.01	99.88
147.0-148.0	68.3	4.0	66669.1	0.01	99.89
148.0-149.0	69.3	4.0	66673.1	0.01	99.89
149.0-150.0	70.6	3.9	66677.0	0.01	99.90
150.0-151.0	71.3	3.9	66680.8	0.01	99.91
151.0-152.0	71.9	3.8	66684.6	0.01	99.91
152.0-153.0	73.1	3.7	66688.3	0.01	99.92
153.0-154.0	74.1	3.6	66691.9	0.01	99.92
154.0-155.0	75.3	3.6	66695.5	0.01	99.93
155.0-156.0	76.4	3.5	66699.0	0.01	99.93
156.0-157.0	77.1	3.4	66702.3	0.01	99.94
157.0-158.0	77.7	3.3	66705.6	0.00	99.94
158.0-159.0	78.3	3.1	66708.7	0.00	99.95
159.0-160.0	79.2	3.0	66711.8	0.00	99.95
160.0-161.0	79.9	2.9	66714.7	0.00	99.96
161.0-162.0	80.7	2.8	66717.5	0.00	99.96
162.0-163.0	81.1	2.7	66720.2	0.00	99.97
163.0-164.0	81.6	2.5	66722.7	0.00	99.97
164.0-165.0	82.5	2.4	66725.1	0.00	99.97
165.0-166.0	82.5	2.3	66727.4	0.00	99.98
166.0-167.0	83.4	2.1	66729.5	0.00	99.98
167.0-168.0	84.4	2.0	66731.5	0.00	99.98
168.0-169.0	84.6	1.8	66733.4	0.00	99.99
169.0-170.0	84.9	1.7	66735.1	0.00	99.99
170.0-171.0	85.2	1.5	66736.6	0.00	99.99
171.0-172.0	85.4	1.4	66738.0	0.00	99.99
172.0-173.0	85.9	1.2	66739.2	0.00	99.99
173.0-174.0	86.1	1.1	66740.3	0.00	100.00
174.0-175.0	85.8	0.9	66741.2	0.00	100.00
175.0-176.0	86.2	0.7	66741.9	0.00	100.00
176.0-177.0	86.8	0.6	66742.5	0.00	100.00
177.0-178.0	86.8	0.4	66742.9	0.00	100.00
178.0-179.0	86.9	0.2	66743.2	0.00	100.00
179.0-180.0	87.3	0.1	66743.3	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	27161.2	27161.2	27161.2	27161.2	27161.2	27161.2	27161.2	27161.2	27161.2	27161.2
G1.0	27152.3	27179.7	27161.8	27164.8	27179.9	27179.9	27167.2	27134.6	27147.6	27116.6
G2.0	27139.9	27171.3	27175.6	27151.0	27198.0	27178.1	27174.5	27133.4	27105.1	27095.2
G3.0	27154.7	27153.5	27190.0	27121.0	27184.1	27157.0	27170.9	27150.9	27046.6	27087.4
G4.0	27156.5	27111.2	27162.4	27105.9	27150.3	27103.3	27128.0	27118.9	27014.7	27045.2
G5.0	27123.4	27121.9	27129.4	27099.9	27094.9	27070.1	27068.8	27068.2	26969.3	26980.3
G6.0	27085.0	27102.3	27088.7	27083.1	27070.7	27056.2	27032.5	27006.6	26927.9	26901.8
G7.0	27030.1	27061.2	27068.3	27037.5	27046.6	27023.6	27006.5	26952.9	26838.8	26835.7
G8.0	26995.8	26995.8	27035.4	26963.6	27007.4	26967.4	26969.7	26921.5	26738.4	26775.0
G9.0	26955.1	26922.6	26976.6	26914.3	26941.7	26884.8	26897.2	26854.4	26665.7	26698.3
G10.0	26887.2	26887.5	26895.7	26867.4	26853.0	26819.0	26807.1	26774.7	26586.0	26597.7
G11.0	26798.0	26823.2	26818.4	26812.2	26793.3	26768.9	26725.6	26672.7	26495.1	26464.4
G12.0	26697.6	26734.0	26757.9	26723.9	26733.0	26694.0	26661.5	26583.3	26360.4	26368.6
G13.0	26633.2	26622.1	26691.4	26616.3	26653.4	26600.5	26588.4	26519.3	26222.8	26277.0
G14.0	26555.3	26532.3	26584.7	26519.6	26540.6	26480.9	26477.8	26402.8	26105.3	26147.3
G15.0	26439.5	26451.9	26476.9	26440.3	26422.5	26380.8	26352.8	26269.3	25982.5	26012.2
G16.0	26309.6	26360.3	26358.8	26334.6	26321.1	26288.4	26242.2	26121.9	25854.3	25836.1
G17.0	26182.1	26243.7	26277.9	26218.7	26218.6	26180.4	26130.4	25993.9	25686.6	25705.8
G18.0	26081.7	26090.8	26160.5	26079.9	26096.8	26037.3	26002.3	25878.0	25524.8	25579.7
G19.0	25960.0	25953.9	26024.5	25954.9	25943.6	25881.6	25857.9	25737.9	25380.7	25419.6
G20.0	25810.0	25848.6	25875.8	25836.0	25769.3	25735.5	25695.4	25579.1	25240.1	25249.4
G21.0	25645.3	25704.0	25739.8	25691.8	25620.4	25600.9	25534.7	25397.3	25078.9	25038.8
G22.0	25477.5	25548.7	25603.2	25531.4	25478.7	25447.0	25381.8	25242.7	24879.9	24860.3
G23.0	25345.8	25371.4	25474.4	25342.8	25314.0	25258.7	25225.3	25098.4	24671.4	24671.7
G24.0	25182.8	25217.3	25298.2	25190.2	25121.6	25056.5	25034.4	24905.2	24480.1	24466.4
G25.0	24989.7	25067.3	25097.4	25032.8	24923.2	24863.9	24816.2	24692.6	24275.2	24251.6
G26.0	24785.4	24876.3	24917.1	24846.0	24761.6	24693.1	24614.4	24464.3	24054.9	23999.3
G27.0	24593.5	24681.2	24742.1	24648.4	24593.4	24496.3	24418.1	24254.2	23801.0	23758.9
G28.0	24407.5	24444.4	24528.8	24419.5	24388.9	24258.5	24196.3	24057.3	23519.9	23526.3
G29.0	24209.0	24231.3	24306.5	24206.8	24164.0	24018.3	23950.4	23817.6	23248.2	23260.9
G30.0	23980.5	24010.0	24051.8	23994.2	23916.1	23784.1	23674.3	23548.3	22979.5	22964.6
G31.0	23721.2	23753.0	23804.3	23758.1	23694.2	23559.5	23421.7	23263.3	22688.4	22635.5
G32.0	23457.8	23490.0	23576.0	23494.4	23460.2	23299.4	23154.7	23001.8	22364.1	22332.1
G33.0	23217.5	23194.8	23309.4	23207.2	23187.6	23015.1	22875.5	22730.0	22020.5	22002.4
G34.0	22936.4	22917.6	23011.5	22943.5	22891.5	22697.0	22560.1	22410.6	21669.7	21641.3
G35.0	22622.2	22621.8	22685.0	22661.8	22588.2	22384.3	22212.7	22050.1	21280.5	21228.3
G36.0	22282.1	22288.6	22366.2	22341.6	22289.7	22073.5	21874.9	21679.3	20864.7	20745.2

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 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	21924.8	21939.4	22056.4	22004.0	21965.2	21715.0	21496.1	21307.3	20338.6	20232.3
G38.0	21561.0	21546.1	21671.1	21633.9	21604.6	21346.8	21086.4	20902.2	19778.7	19689.6
G39.0	21129.9	21168.8	21246.2	21251.3	21228.3	20903.1	20619.4	20421.5	19149.8	19075.6
G40.0	20680.5	20726.7	20773.4	20848.8	20792.9	20452.8	20114.3	19864.1	18446.4	18387.1
G41.0	20126.6	20221.5	20283.9	20388.0	20358.1	19982.0	19582.6	19254.8	17704.1	17656.4
G42.0	19572.0	19678.3	19789.5	19899.6	19886.5	19475.0	19008.5	18635.9	16888.6	16933.5
G43.0	18964.9	19050.6	19211.2	19339.2	19386.6	18910.0	18412.2	17965.0	16021.6	16192.7
G44.0	18271.6	18378.8	18600.6	18763.1	18778.1	18294.4	17786.8	17239.7	15181.9	15459.1
G45.0	17542.9	17723.7	17958.3	18137.1	18157.5	17667.2	17148.2	16465.0	14401.2	14724.8
G46.0	16752.2	17003.7	17334.5	17476.9	17507.4	17048.0	16531.9	15699.9	13624.0	14005.4
G47.0	15943.1	16248.0	16711.3	16781.3	16800.0	16379.2	15957.3	14925.1	12838.0	13325.9
G48.0	15151.2	15496.0	16097.1	16108.5	16056.5	15722.5	15354.9	14199.9	12144.1	12666.1
G49.0	14349.8	14768.2	15513.4	15429.6	15286.3	15059.1	14753.1	13474.6	11496.2	12033.6
G50.0	13567.9	14089.9	14881.2	14748.4	14483.7	14436.8	14130.7	12782.6	10883.3	11434.4
G51.0	12816.1	13363.4	14270.0	14075.0	13728.6	13775.3	13540.4	12081.5	10299.8	10827.5
G52.0	12142.3	12697.6	13701.9	13390.2	13006.2	13154.2	12967.0	11453.5	9763.0	10271.7
G53.0	11489.2	12034.8	13096.1	12733.0	12280.7	12502.3	12353.1	10869.6	9229.1	9726.7
G54.0	10860.2	11413.6	12477.7	12098.0	11576.9	11857.6	11735.6	10285.0	8743.1	9201.9
G55.0	10265.0	10821.5	11852.1	11511.7	10897.9	11225.1	11104.2	9724.6	8296.0	8691.4
G56.0	9712.8	10249.1	11248.1	10903.2	10296.0	10617.2	10503.6	9199.9	7857.9	8209.4
G57.0	9185.4	9704.1	10671.0	10289.2	9740.0	10028.1	9911.5	8705.3	7411.4	7753.6
G58.0	8734.2	9172.1	10073.0	9702.9	9200.3	9442.0	9373.2	8239.7	7002.2	7319.9
G59.0	8249.4	8674.1	9493.0	9146.6	8694.9	8871.7	8817.9	7783.2	6604.7	6923.6
G60.0	7796.5	8198.7	8914.7	8612.6	8207.6	8336.3	8260.2	7345.4	6203.7	6517.8
G61.0	7366.5	7743.5	8389.8	8102.6	7774.0	7844.3	7751.5	6925.7	5829.9	6117.9
G62.0	6962.0	7315.1	7902.0	7622.6	7353.1	7383.2	7274.1	6521.1	5463.2	5732.4
G63.0	6566.9	6891.5	7400.5	7157.6	6937.0	6913.0	6806.5	6126.8	5085.8	5363.5
G64.0	6177.2	6494.0	6886.3	6732.9	6559.5	6475.4	6356.3	5728.3	4735.6	5002.3
G65.0	5786.8	6099.5	6458.5	6329.2	6171.7	6083.0	5918.3	5375.6	4403.7	4675.6
G66.0	5414.8	5719.9	6021.6	5932.8	5811.1	5679.2	5515.9	5004.8	4089.0	4344.2
G67.0	5059.2	5337.9	5604.6	5545.3	5463.7	5319.5	5144.3	4675.7	3787.2	4055.0
G68.0	4713.2	4986.8	5221.1	5187.9	5113.3	4957.3	4795.0	4362.3	3538.6	3780.1
G69.0	4369.5	4660.2	4865.7	4837.6	4758.1	4622.9	4467.6	4071.9	3328.3	3515.3
G70.0	4044.1	4351.9	4535.6	4521.1	4407.8	4315.7	4161.8	3791.1	3105.7	3276.7
G71.0	3750.6	4059.2	4237.1	4223.1	4086.3	4029.0	3881.5	3522.3	2916.7	3054.2
G72.0	3490.7	3786.7	3969.9	3944.4	3799.3	3766.4	3612.6	3284.4	2743.7	2860.2
G73.0	3281.7	3515.3	3705.6	3677.0	3518.2	3503.9	3384.2	3053.7	2574.2	2681.1

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 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	3073.2	3261.3	3454.5	3436.8	3290.3	3267.3	3157.6	2849.0	2408.3	2507.4
G75.0	2884.2	3039.3	3232.8	3201.3	3068.4	3040.3	2951.6	2663.0	2248.8	2333.6
G76.0	2710.0	2830.5	3015.9	2986.8	2861.5	2827.8	2753.4	2481.3	2064.0	2148.0
G77.0	2546.5	2635.9	2826.0	2782.0	2674.0	2641.9	2572.7	2308.0	1873.8	1964.7
G78.0	2384.1	2456.8	2637.8	2602.9	2489.4	2454.8	2383.0	2136.5	1682.5	1760.1
G79.0	2219.3	2278.9	2447.8	2409.5	2307.9	2268.3	2194.5	1952.3	1445.1	1548.8
G80.0	2038.0	2106.9	2260.3	2227.5	2121.6	2081.2	2004.8	1749.4	1203.5	1323.9
G81.0	1839.0	1920.1	2069.1	2041.3	1932.2	1894.1	1813.2	1548.3	963.8	1076.4
G82.0	1648.2	1720.8	1882.8	1852.6	1741.0	1718.4	1623.5	1324.9	733.5	834.2
G83.0	1421.5	1515.5	1705.4	1664.6	1556.5	1515.0	1410.8	1087.0	495.5	590.9
G84.0	1179.9	1297.7	1487.9	1468.2	1362.3	1318.9	1174.0	849.6	315.4	364.1
G85.0	936.6	1059.7	1269.8	1265.1	1150.0	1111.8	927.5	609.9	186.6	215.4
G86.0	702.8	814.6	1033.7	1055.5	945.0	897.5	665.2	387.1	76.2	92.8
G87.0	480.7	579.5	784.4	844.6	738.7	667.0	413.9	230.1	39.0	37.5
G88.0	307.7	364.7	521.9	613.3	539.7	444.2	213.3	113.5	17.1	16.7
G89.0	180.7	214.8	279.8	373.1	326.9	203.4	76.7	45.9	10.0	10.7
G90.0	77.9	96.4	124.6	152.0	142.3	51.9	23.0	22.3	7.1	7.7
G91.0	37.8	38.1	34.8	36.0	24.1	9.7	9.7	11.5	7.7	8.9
G92.0	18.9	19.0	13.2	10.8	4.2	7.8	6.6	9.7	8.3	8.9
G93.0	10.6	11.9	9.0	7.2	6.0	9.1	1.8	11.5	7.7	7.7
G94.0	8.9	7.7	8.4	9.0	8.4	9.1	8.5	12.7	8.3	6.5
G95.0	7.7	7.1	9.6	10.2	8.4	8.4	6.0	10.9	8.9	9.5
G96.0	9.4	8.9	8.4	9.0	7.2	8.4	6.6	13.9	6.5	8.3
G97.0	11.2	8.9	9.6	10.2	8.4	10.9	7.9	11.5	10.6	10.7
G98.0	12.4	10.7	11.4	12.0	7.8	10.9	9.7	13.9	10.0	11.9
G99.0	9.4	10.1	10.8	11.4	9.6	11.5	10.9	12.7	11.8	13.1
G100.0	11.2	13.7	12.6	13.2	10.3	12.1	9.1	13.9	10.0	13.7
G101.0	10.0	13.1	11.4	11.4	9.0	12.7	12.1	16.3	12.4	13.7
G102.0	14.2	13.7	10.2	13.2	12.1	14.5	11.5	15.7	14.2	13.7
G103.0	13.6	14.3	13.8	15.6	9.6	12.7	13.3	13.3	13.6	16.7
G104.0	13.0	13.7	13.8	14.4	12.1	13.9	15.7	16.9	14.2	15.5
G105.0	15.4	16.1	15.0	18.0	15.1	17.5	15.1	18.7	17.1	17.8
G106.0	15.9	17.3	18.0	17.4	13.9	15.1	17.5	18.1	17.7	17.3
G107.0	17.1	15.5	18.6	16.8	17.5	18.7	17.5	19.3	18.9	18.4
G108.0	16.5	16.7	17.4	18.6	18.1	14.5	18.1	19.9	17.1	16.1
G109.0	17.7	17.8	18.0	19.8	17.5	18.1	18.7	22.3	19.5	19.6
G110.0	20.1	19.0	15.0	18.0	19.3	21.1	16.9	21.1	20.7	20.8

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 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	18.3	19.6	20.4	21.6	20.5	22.3	21.1	22.9	21.9	19.0
G112.0	21.9	22.0	20.4	22.8	21.1	22.9	22.4	25.4	23.0	23.8
G113.0	21.9	23.2	23.4	21.6	24.1	23.5	22.4	25.4	24.8	25.6
G114.0	22.4	23.2	22.2	24.0	23.5	24.8	24.2	27.8	25.4	28.0
G115.0	23.0	24.4	25.2	25.2	21.1	27.8	24.8	28.4	27.2	28.0
G116.0	26.0	23.2	27.0	27.0	25.3	28.4	26.6	29.0	30.1	29.2
G117.0	27.2	26.2	25.8	30.0	27.7	29.6	29.0	30.2	28.3	29.7
G118.0	26.6	26.8	28.2	31.2	28.3	28.4	29.6	32.0	27.2	32.1
G119.0	26.0	26.2	30.6	32.4	28.9	31.4	29.6	33.8	31.3	29.2
G120.0	30.7	32.1	31.2	34.2	28.9	33.2	32.0	35.6	33.1	34.5
G121.0	30.1	33.3	30.6	32.4	33.8	34.4	32.6	35.6	35.4	34.5
G122.0	31.3	33.9	34.8	36.6	35.6	36.2	34.4	37.4	36.6	36.3
G123.0	34.3	35.7	33.0	36.0	34.4	38.0	36.9	38.6	37.2	39.9
G124.0	36.6	34.5	33.0	37.8	36.8	39.2	36.3	39.9	39.0	39.9
G125.0	34.8	38.1	38.3	40.8	39.2	40.4	37.5	41.1	39.6	40.5
G126.0	38.4	35.7	40.1	40.2	38.0	42.3	39.9	42.3	40.2	41.1
G127.0	40.2	38.7	41.9	41.4	39.2	42.3	38.7	45.9	41.9	43.4
G128.0	39.6	42.8	41.9	42.7	42.2	44.1	42.3	44.7	43.1	44.6
G129.0	41.9	41.7	42.5	43.3	42.2	43.5	44.1	47.7	44.3	44.6
G130.0	43.7	44.0	44.9	47.5	45.2	45.9	44.1	48.3	47.8	48.2
G131.0	45.5	44.0	44.3	46.9	45.8	48.9	45.9	50.1	48.4	48.8
G132.0	46.1	46.4	44.3	48.7	45.8	48.9	48.3	50.7	48.4	48.8
G133.0	46.7	48.8	48.5	51.1	50.1	50.1	49.5	49.5	50.2	50.6
G134.0	49.0	50.0	50.9	49.9	51.9	49.5	48.3	53.1	48.4	53.0
G135.0	53.2	50.0	50.3	53.5	51.9	53.7	50.8	55.0	52.0	53.0
G136.0	51.4	52.4	52.1	56.5	51.9	54.9	49.5	54.3	53.7	53.6
G137.0	51.4	53.6	53.3	55.9	55.5	53.7	52.0	57.4	54.9	55.3
G138.0	54.9	54.7	54.5	55.9	54.9	57.3	56.8	57.4	56.7	58.3
G139.0	53.7	54.7	58.1	57.1	58.5	59.8	53.8	58.0	58.5	58.3
G140.0	56.7	57.7	56.3	58.9	57.9	57.9	58.0	62.8	58.5	61.3
G141.0	56.7	58.3	56.9	60.7	58.5	61.6	57.4	62.2	59.6	62.5
G142.0	59.6	59.5	59.3	62.5	59.7	60.4	58.6	63.4	62.0	61.3
G143.0	59.6	63.1	62.3	61.3	61.5	61.6	60.4	65.8	60.2	63.1
G144.0	62.6	61.3	60.5	61.3	62.1	63.4	62.2	67.0	61.4	66.0
G145.0	62.6	62.5	61.7	63.1	62.1	65.8	64.7	67.6	64.4	65.5
G146.0	62.0	66.0	65.3	64.3	66.9	66.4	63.4	66.4	66.1	66.6
G147.0	65.6	66.6	66.5	66.7	64.5	67.6	66.5	70.0	67.9	69.0

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 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	65.6	65.5	66.5	68.5	68.1	67.6	66.5	71.9	69.7	73.2
G149.0	67.3	69.6	66.5	69.1	68.8	68.2	68.3	71.3	70.9	70.8
G150.0	68.5	70.2	69.5	72.1	70.0	71.2	69.5	73.1	71.5	73.8
G151.0	68.5	69.6	68.3	69.7	68.8	70.0	70.7	73.7	68.5	73.2
G152.0	71.5	71.4	70.1	70.9	71.2	72.4	71.3	74.3	75.0	75.0
G153.0	70.9	70.8	71.9	72.7	71.8	74.2	73.7	76.1	73.8	72.6
G154.0	73.8	73.2	73.7	73.9	73.0	74.8	73.7	76.7	75.0	78.5
G155.0	73.8	73.8	73.7	75.1	74.2	74.8	73.7	78.5	76.2	78.5
G156.0	75.0	74.4	75.5	75.7	77.2	76.7	76.7	77.9	76.2	78.5
G157.0	76.2	75.6	76.1	77.5	74.8	78.5	76.1	80.3	79.7	80.3
G158.0	76.2	75.6	76.7	77.5	75.4	76.7	75.5	82.1	76.8	81.5
G159.0	76.8	78.0	79.1	79.9	76.0	74.2	78.6	81.5	78.5	79.7
G160.0	80.3	79.1	76.1	79.9	78.4	80.3	75.5	83.3	80.9	80.9
G161.0	78.5	78.5	76.7	78.7	77.8	79.1	79.8	86.4	79.1	83.3
G162.0	81.5	79.1	80.3	82.3	79.6	82.7	80.4	86.4	83.3	82.7
G163.0	80.9	81.5	77.9	80.5	78.4	80.9	77.9	82.7	82.7	82.7
G164.0	82.7	82.7	82.1	80.5	80.2	81.5	79.8	85.1	83.3	86.3
G165.0	82.1	82.1	80.3	83.5	78.4	81.5	79.8	85.7	83.3	83.3
G166.0	81.5	79.7	80.3	82.3	80.8	80.9	81.6	84.5	85.0	84.5
G167.0	85.6	82.7	83.9	84.7	80.2	83.9	83.4	88.2	85.6	86.3
G168.0	85.0	83.9	82.1	84.7	82.6	85.1	81.6	87.0	85.0	85.7
G169.0	83.9	85.1	83.3	84.7	82.6	82.1	82.8	88.2	86.8	86.9
G170.0	83.9	84.5	83.9	84.1	83.2	83.3	81.6	90.6	87.4	88.1
G171.0	87.4	84.5	83.9	84.1	82.6	83.3	83.4	87.0	88.0	88.7
G172.0	85.6	86.3	85.7	84.7	82.6	83.9	82.8	89.4	85.0	88.1
G173.0	88.0	88.7	83.3	85.9	83.8	85.1	85.2	88.2	88.0	89.2
G174.0	86.2	86.3	84.5	87.1	81.4	83.9	86.4	90.0	86.2	86.3
G175.0	87.4	86.3	83.9	85.3	85.6	82.1	84.0	89.4	89.2	86.3
G176.0	89.2	86.3	85.7	84.1	85.0	84.5	86.4	90.6	87.4	89.8
G177.0	88.6	86.9	87.5	86.5	85.0	85.7	85.8	90.0	88.6	85.1
G178.0	87.4	87.5	85.1	85.3	86.2	85.7	84.0	89.4	86.8	87.5
G179.0	89.2	87.5	86.3	84.7	85.6	82.7	84.6	90.0	88.0	89.2
G180.0	89.8	86.9	88.7	87.1	85.0	86.3	85.8	88.8	88.6	89.2

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 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	27161.2	27161.2	27161.2	27161.2	27161.2	27161.2	27161.2			
G1.0	27162.4	27122.2	27174.5	27149.7	27181.1	27175.7	27152.3			
G2.0	27146.2	27095.7	27170.2	27159.4	27174.5	27166.6	27139.9			
G3.0	27100.1	27074.1	27135.9	27137.1	27141.9	27111.1	27154.7			
G4.0	27038.3	27048.3	27063.5	27099.6	27089.9	27071.8	27156.5			
G5.0	26995.8	27001.4	27013.4	27033.8	27044.6	27056.1	27123.4			
G6.0	26949.7	26913.7	26984.5	26974.1	27025.3	27024.7	27085.0			
G7.0	26889.1	26841.0	26927.2	26939.7	26988.4	26979.4	27030.1			
G8.0	26799.3	26800.2	26857.9	26884.8	26922.5	26878.0	26995.8			
G9.0	26701.0	26725.1	26760.8	26813.5	26830.1	26789.2	26955.1			
G10.0	26611.7	26650.0	26672.1	26704.9	26737.6	26726.4	26887.2			
G11.0	26537.4	26524.4	26601.6	26602.9	26665.1	26653.4	26798.0			
G12.0	26451.7	26419.3	26513.5	26534.1	26585.4	26568.8	26697.6			
G13.0	26321.1	26332.8	26418.2	26445.3	26487.5	26449.8	26633.2			
G14.0	26188.6	26229.5	26274.1	26337.3	26347.3	26325.5	26555.3			
G15.0	26074.2	26101.5	26137.8	26185.2	26215.6	26235.5	26439.5			
G16.0	25944.2	25948.3	26022.6	26051.8	26119.5	26120.1	26309.6			
G17.0	25813.5	25793.3	25895.4	25931.7	25996.9	26004.2	26182.1			
G18.0	25655.9	25666.0	25746.4	25813.4	25866.4	25841.8	26081.7			
G19.0	25478.6	25514.6	25561.9	25667.3	25695.4	25687.2	25960.0			
G20.0	25310.2	25344.6	25391.2	25489.2	25532.8	25547.7	25810.0			
G21.0	25158.6	25150.0	25233.2	25314.2	25390.8	25398.5	25645.3			
G22.0	24991.4	24961.3	25069.8	25151.2	25237.4	25241.5	25477.5			
G23.0	24787.1	24782.9	24894.3	24972.0	25069.4	25033.2	25345.8			
G24.0	24553.4	24590.7	24678.4	24790.9	24859.1	24823.6	25182.8			
G25.0	24323.9	24369.6	24455.9	24568.8	24635.0	24632.8	24989.7			
G26.0	24119.5	24118.5	24267.7	24335.2	24453.1	24442.0	24785.4			
G27.0	23885.2	23874.6	24054.8	24123.9	24236.2	24234.9	24593.5			
G28.0	23632.3	23651.2	23814.8	23900.6	23998.7	23987.9	24407.5			
G29.0	23340.5	23400.1	23538.0	23647.1	23725.6	23724.6	24209.0			
G30.0	23051.7	23134.5	23249.2	23364.0	23441.7	23468.6	23980.5			
G31.0	22780.2	22816.8	22986.8	23065.8	23178.8	23209.5	23721.2			
G32.0	22469.2	22484.5	22709.4	22790.0	22895.4	22935.4	23457.8			
G33.0	22113.9	22188.4	22405.5	22483.3	22592.1	22603.8	23217.5			
G34.0	21713.0	21839.4	22063.5	22158.0	22224.2	22245.1	22936.4			
G35.0	21285.2	21459.7	21716.8	21794.6	21836.9	21876.8	22622.2			
G36.0	20847.7	21038.0	21356.7	21383.0	21455.6	21506.0	22282.1			

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 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	20357.6	20588.7	20933.4	20978.0	21030.9	21082.7	21924.8			
G38.0	19792.5	20102.1	20511.3	20550.0	20549.3	20614.1	21561.0			
G39.0	19187.9	19574.0	20021.6	20058.1	20021.8	20086.9	21129.9			
G40.0	18574.9	19019.6	19467.4	19508.2	19444.8	19503.6	20680.5			
G41.0	17963.6	18381.6	18907.1	18909.4	18879.8	18913.6	20126.6			
G42.0	17350.0	17693.2	18304.1	18324.6	18301.0	18280.8	19572.0			
G43.0	16707.7	17063.6	17621.4	17684.1	17696.8	17579.7	18964.9			
G44.0	16078.5	16389.6	16898.3	17031.7	17085.3	16845.4	18271.6			
G45.0	15458.9	15705.4	16125.2	16346.0	16487.2	16111.1	17542.9			
G46.0	14899.8	15031.4	15369.0	15663.3	15903.5	15405.2	16752.2			
G47.0	14337.1	14380.2	14620.6	15016.3	15309.6	14707.1	15943.1			
G48.0	13756.5	13741.0	13889.7	14348.1	14744.6	13987.3	15151.2			
G49.0	13165.0	13136.7	13135.8	13737.2	14158.5	13283.8	14349.8			
G50.0	12556.2	12529.9	12413.4	13086.6	13542.8	12591.2	13567.9			
G51.0	11997.1	11893.2	11724.7	12403.3	12932.6	11992.7	12816.1			
G52.0	11393.7	11303.2	11112.0	11840.1	12356.8	11364.7	12142.3			
G53.0	10817.3	10743.4	10511.3	11228.7	11740.5	10788.6	11489.2			
G54.0	10216.8	10172.7	9936.0	10634.2	11125.4	10201.7	10860.2			
G55.0	9621.2	9590.6	9406.5	10058.9	10523.6	9631.0	10265.0			
G56.0	9077.1	9046.3	8886.7	9472.8	9942.3	9122.0	9712.8			
G57.0	8558.8	8524.3	8439.2	8940.5	9356.8	8637.7	9185.4			
G58.0	8042.2	8027.5	8026.7	8449.1	8823.9	8164.8	8734.2			
G59.0	7541.9	7561.9	7606.4	7965.0	8290.4	7697.5	8249.4			
G60.0	7073.9	7135.4	7195.1	7487.0	7752.7	7271.7	7796.5			
G61.0	6627.5	6719.1	6821.8	7051.2	7268.7	6861.7	7366.5			
G62.0	6196.6	6321.4	6454.5	6655.8	6813.1	6470.4	6962.0			
G63.0	5776.6	5933.4	6089.7	6259.9	6355.7	6068.8	6566.9			
G64.0	5375.1	5566.3	5729.1	5874.8	5923.1	5675.7	6177.2			
G65.0	5000.0	5198.1	5385.9	5510.8	5512.2	5303.7	5786.8			
G66.0	4665.0	4861.7	5016.2	5133.0	5133.4	4933.6	5414.8			
G67.0	4361.8	4543.9	4684.0	4797.4	4773.9	4602.0	5059.2			
G68.0	4066.4	4244.1	4364.3	4479.3	4463.9	4282.6	4713.2			
G69.0	3784.7	3960.0	4045.9	4179.9	4167.3	3983.1	4369.5			
G70.0	3528.8	3702.3	3740.8	3902.8	3877.2	3711.4	4044.1			
G71.0	3308.3	3440.3	3474.2	3631.2	3615.0	3461.3	3750.6			
G72.0	3104.0	3194.7	3263.8	3391.0	3391.4	3219.8	3490.7			
G73.0	2902.7	2975.4	3041.2	3145.9	3164.9	2998.2	3281.7			

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	2718.1	2791.0	2832.6	2928.0	2966.7	2799.5	3073.2			
G75.0	2525.7	2602.3	2645.0	2736.1	2773.9	2609.9	2884.2			
G76.0	2342.4	2420.9	2455.7	2539.9	2585.4	2435.4	2710.0			
G77.0	2159.0	2240.7	2279.6	2360.1	2403.0	2267.5	2546.5			
G78.0	1970.3	2053.9	2099.9	2174.8	2213.8	2091.8	2384.1			
G79.0	1770.7	1865.8	1903.3	1988.9	2022.9	1897.3	2219.3			
G80.0	1574.2	1684.4	1698.2	1804.8	1820.5	1716.8	2038.0			
G81.0	1359.6	1476.6	1498.6	1609.2	1622.9	1486.1	1839.0			
G82.0	1120.6	1260.9	1302.6	1406.4	1409.6	1245.8	1648.2			
G83.0	869.5	1046.5	1095.2	1195.1	1180.6	1008.5	1421.5			
G84.0	599.8	833.8	873.8	974.2	928.1	757.9	1179.9			
G85.0	348.8	588.1	662.8	752.1	662.2	524.2	936.6			
G86.0	159.4	346.6	450.5	499.8	412.7	321.3	702.8			
G87.0	46.7	129.2	240.0	263.2	223.6	184.8	480.7			
G88.0	17.4	21.6	70.0	82.7	87.0	77.3	307.7			
G89.0	8.4	6.0	4.2	11.5	24.8	33.2	180.7			
G90.0	6.6	9.6	4.2	7.2	8.5	16.9	77.9			
G91.0	7.2	8.4	6.0	5.4	6.0	12.7	37.8			
G92.0	8.4	9.0	6.0	8.4	6.0	9.7	18.9			
G93.0	7.8	9.6	6.0	7.8	6.0	7.2	10.6			
G94.0	9.0	9.6	7.2	4.8	7.9	10.9	8.9			
G95.0	9.0	11.4	7.8	9.7	8.5	10.3	7.7			
G96.0	10.2	11.4	9.6	10.3	7.2	12.1	9.4			
G97.0	10.2	12.0	9.6	9.7	10.3	10.9	11.2			
G98.0	11.4	12.6	10.3	10.9	9.1	10.3	12.4			
G99.0	11.4	12.0	10.3	10.3	9.1	12.7	9.4			
G100.0	12.0	15.6	9.6	11.5	9.1	12.7	11.2			
G101.0	14.4	13.8	11.5	12.1	14.5	14.5	10.0			
G102.0	14.4	15.0	10.3	12.7	12.7	13.3	14.2			
G103.0	12.6	16.2	13.3	14.5	15.1	13.3	13.6			
G104.0	16.8	17.4	13.9	13.9	13.3	16.9	13.0			
G105.0	17.4	18.0	15.7	13.3	13.9	17.5	15.4			
G106.0	16.2	19.2	16.3	16.9	15.7	19.3	15.9			
G107.0	18.6	20.4	16.9	15.7	16.3	18.7	17.1			
G108.0	19.8	21.0	16.9	19.9	18.1	20.5	16.5			
G109.0	21.0	22.2	16.9	19.3	18.7	19.9	17.7			
G110.0	23.4	24.0	20.5	21.7	19.3	20.5	20.1			

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 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	24.0	24.0	21.7	20.5	21.1	22.9	18.3			
G112.0	22.8	25.8	22.9	24.8	19.9	23.6	21.9			
G113.0	25.2	25.2	23.5	22.3	24.2	23.6	21.9			
G114.0	26.4	29.4	25.9	24.8	24.8	28.4	22.4			
G115.0	27.6	27.6	27.1	24.1	26.0	26.0	23.0			
G116.0	27.0	31.2	29.5	29.0	27.2	29.0	26.0			
G117.0	30.6	33.0	30.2	31.4	29.0	30.8	27.2			
G118.0	33.0	32.4	33.2	32.6	29.0	32.0	26.6			
G119.0	33.6	36.0	33.2	32.0	32.0	33.8	26.0			
G120.0	33.6	36.6	32.0	31.4	30.8	32.0	30.7			
G121.0	36.0	37.2	35.6	36.2	33.2	36.2	30.1			
G122.0	39.5	38.4	36.8	35.0	35.0	35.6	31.3			
G123.0	37.7	37.8	37.4	39.2	35.7	38.6	34.3			
G124.0	40.7	40.8	41.0	38.6	38.1	39.2	36.6			
G125.0	40.1	43.3	41.0	38.6	38.1	43.5	34.8			
G126.0	41.9	46.3	39.2	42.3	39.9	44.1	38.4			
G127.0	43.7	44.5	44.0	41.0	41.1	42.3	40.2			
G128.0	45.5	48.7	45.2	42.9	41.7	45.9	39.6			
G129.0	47.3	48.7	46.4	44.7	42.9	47.1	41.9			
G130.0	47.9	50.5	45.8	48.3	44.7	48.3	43.7			
G131.0	47.9	50.5	48.8	48.9	48.9	48.9	45.5			
G132.0	49.1	52.3	50.7	49.5	47.7	49.5	46.1			
G133.0	52.1	55.9	51.3	51.9	49.5	51.3	46.7			
G134.0	53.3	52.9	52.5	53.7	50.8	53.7	49.0			
G135.0	52.7	55.9	52.5	53.1	51.4	53.7	53.2			
G136.0	56.3	57.1	54.9	57.3	53.2	56.8	51.4			
G137.0	56.9	57.7	54.3	59.1	54.4	57.4	51.4			
G138.0	57.5	58.3	57.9	57.3	55.0	57.4	54.9			
G139.0	60.5	61.9	57.3	59.1	55.6	59.2	53.7			
G140.0	59.9	62.5	59.7	61.0	59.8	61.0	56.7			
G141.0	61.7	64.3	62.1	60.4	61.0	61.0	56.7			
G142.0	62.9	66.7	63.3	61.6	61.0	64.0	59.6			
G143.0	63.5	64.9	64.5	62.8	62.8	66.4	59.6			
G144.0	65.9	69.1	63.9	64.6	64.0	65.2	62.6			
G145.0	65.3	69.7	64.5	64.6	65.3	67.0	62.6			
G146.0	67.1	69.1	68.8	68.2	65.9	66.4	62.0			
G147.0	67.7	69.1	67.5	67.6	66.5	70.6	65.6			

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 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	70.7	72.1	69.3	69.4	68.3	71.9	65.6			
G149.0	71.9	70.9	70.6	71.2	66.5	70.6	67.3			
G150.0	71.3	75.1	73.0	72.4	70.1	74.3	68.5			
G151.0	73.1	75.7	72.4	71.8	70.1	72.5	68.5			
G152.0	73.1	73.9	73.0	73.0	71.9	75.5	71.5			
G153.0	74.9	76.9	74.2	71.2	72.5	76.7	70.9			
G154.0	76.7	74.5	75.4	74.8	73.7	74.9	73.8			
G155.0	76.7	77.5	74.2	76.7	76.7	79.1	73.8			
G156.0	76.7	79.9	77.2	77.3	74.9	80.3	75.0			
G157.0	76.7	78.7	76.6	74.8	76.1	79.1	76.2			
G158.0	78.5	81.1	79.6	77.3	77.9	80.9	76.2			
G159.0	79.1	80.5	77.8	79.7	77.3	80.9	76.8			
G160.0	79.7	80.5	80.2	80.9	78.6	82.1	80.3			
G161.0	80.9	82.9	77.2	79.1	77.3	83.3	78.5			
G162.0	80.9	81.7	82.0	81.5	78.6	82.1	81.5			
G163.0	79.1	81.1	80.8	80.3	81.0	81.5	80.9			
G164.0	82.7	84.7	81.4	80.3	81.0	85.7	82.7			
G165.0	82.7	85.9	80.2	81.5	82.8	87.0	82.1			
G166.0	83.3	83.5	83.2	82.7	81.0	85.7	81.5			
G167.0	83.3	87.1	81.4	83.3	81.6	87.0	85.6			
G168.0	84.5	85.9	83.8	84.5	83.4	86.4	85.0			
G169.0	85.1	85.9	82.0	83.9	82.8	89.4	83.9			
G170.0	84.5	85.9	82.6	86.3	84.6	86.4	83.9			
G171.0	87.5	85.9	82.0	84.5	85.2	88.8	87.4			
G172.0	87.5	85.9	83.2	84.5	83.4	88.8	85.6			
G173.0	85.7	88.3	83.2	85.7	84.6	88.8	88.0			
G174.0	86.9	87.1	85.0	85.1	83.4	88.2	86.2			
G175.0	85.7	85.3	84.4	85.7	84.0	88.2	87.4			
G176.0	84.5	86.5	84.4	83.9	86.4	90.6	89.2			
G177.0	85.7	87.7	85.6	85.1	85.2	91.8	88.6			
G178.0	88.1	88.9	85.0	85.1	87.0	88.2	87.4			
G179.0	86.3	88.9	87.4	86.9	85.8	91.2	89.2			
G180.0	86.9	85.3	85.0	88.1	86.4	91.2	89.8			

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: