

Report No.: HL-LHB-MW-MCCT-320W-GEN2 Test Time: 2026/1/5 星期一 10:15

Luminaire Property

Luminaire Manufacturer:Havells Lighting LLC

Voltage: 119.9 V

Power: 319.70 W

Current: 2.676 A

Power Factor: 0.996

Photometric Results

CIE Class: Direct

Measurement Flux: 49169 lm

Downward Ratio: 100%

Horizontal Diffuse Angle(10%,50%): H150.5,H98.4

Vertical Diffuse Angle(10%,50%): V148.5,V96

Luminaire Efficacy Rating (LER): 153.85

Max. Intensity: 20227.63 cd

S/MH(C0/C180): 1.28

Total Rated Lamp Lumens: 49169.0 lm

Efficiency: 100%

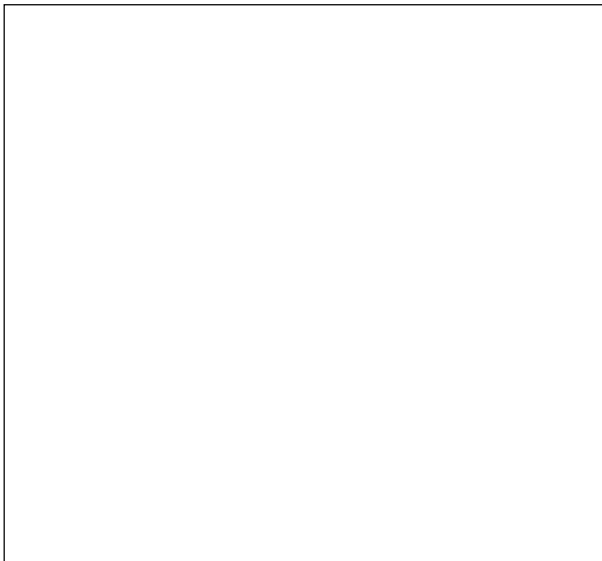
Upward Ratio: 0%

Central Intensity: 20187.09 cd

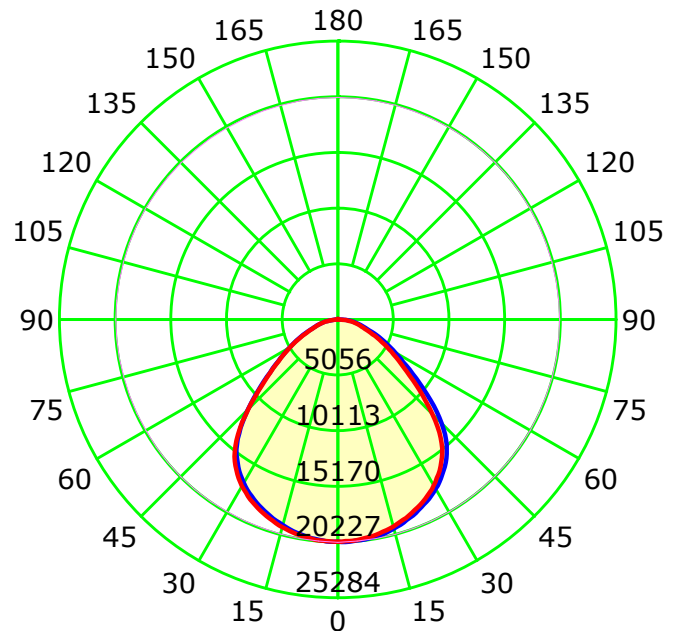
Pos of Max. Intensity: H0 V2

S/MH(C90/C270): 1.28

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 97.2°

— 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

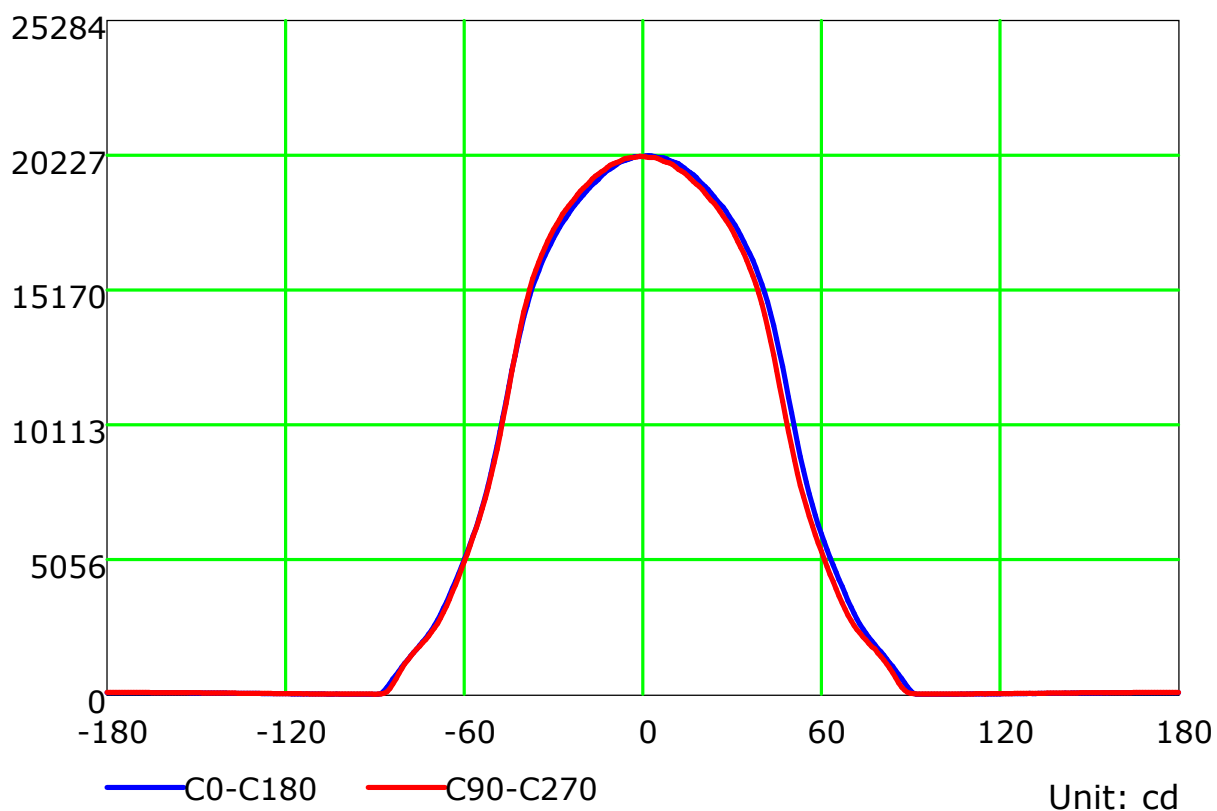
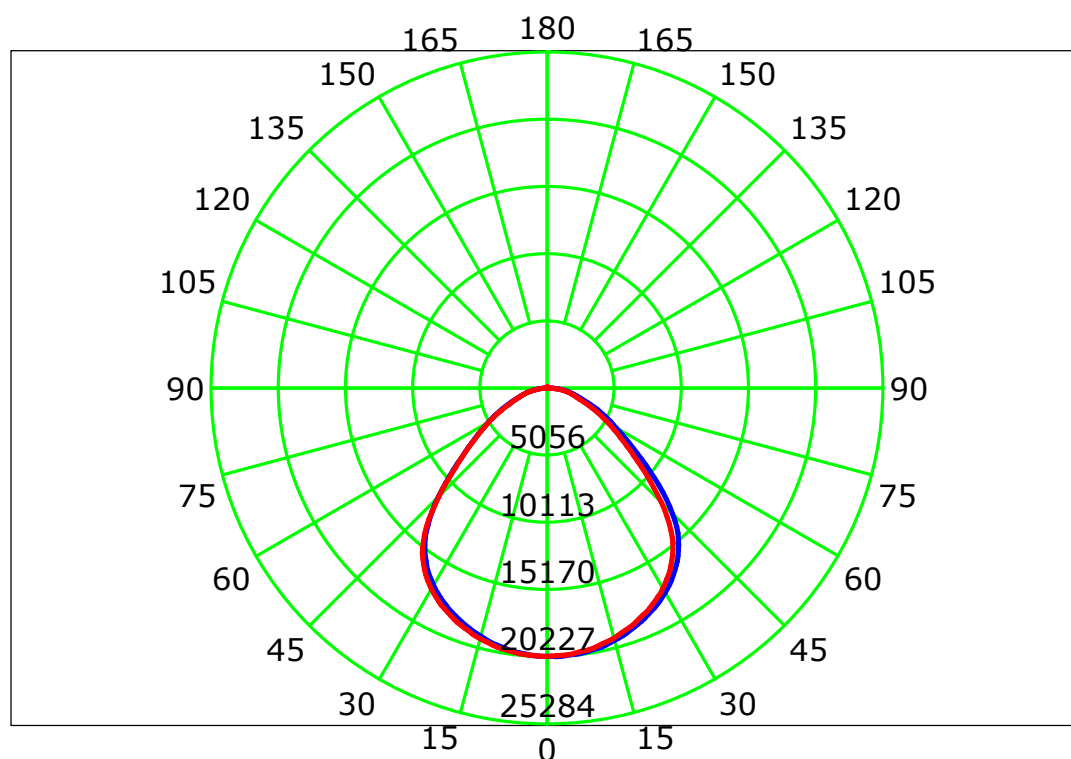
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

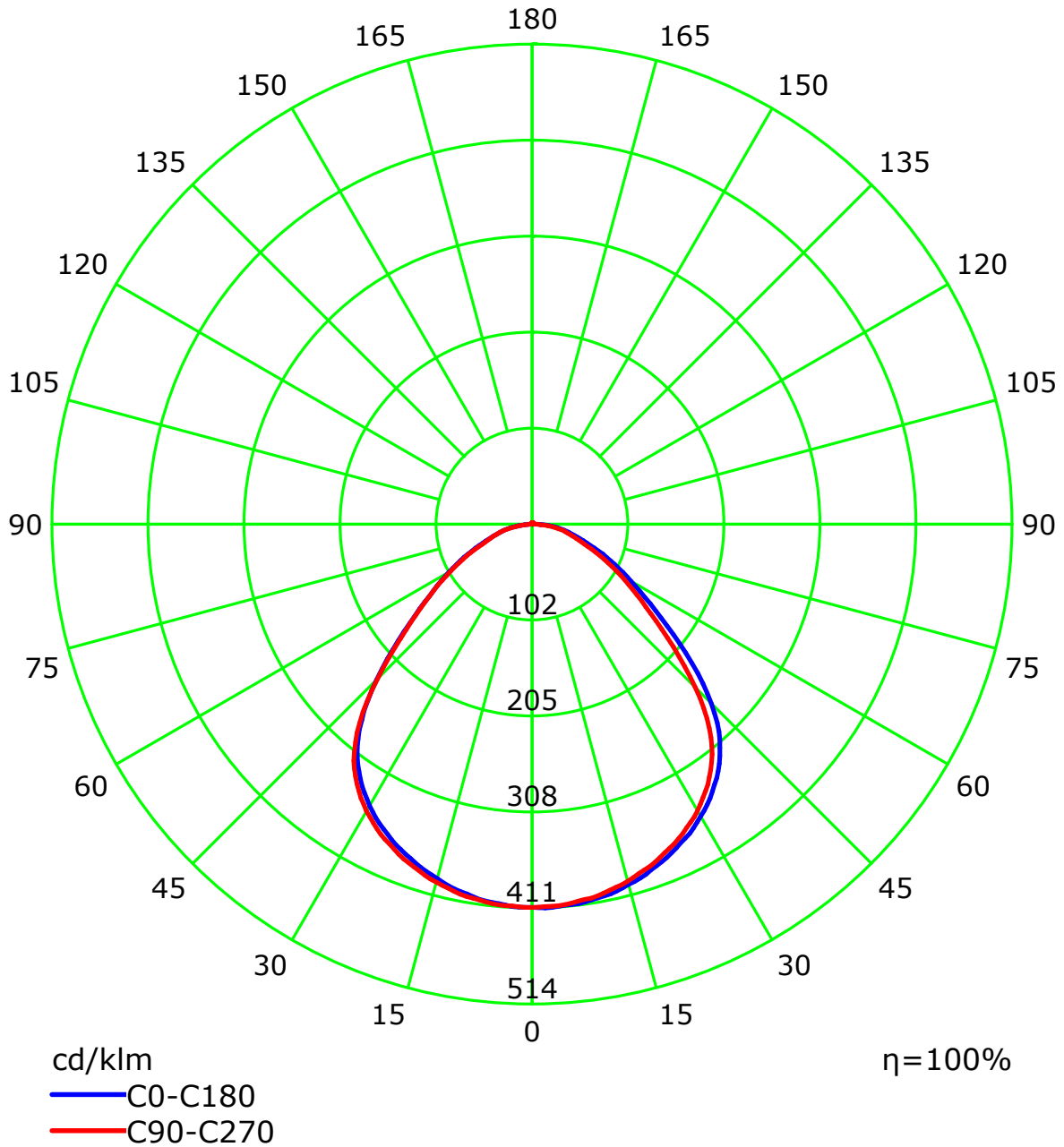
Luminous Intensity Distribution Curve



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:

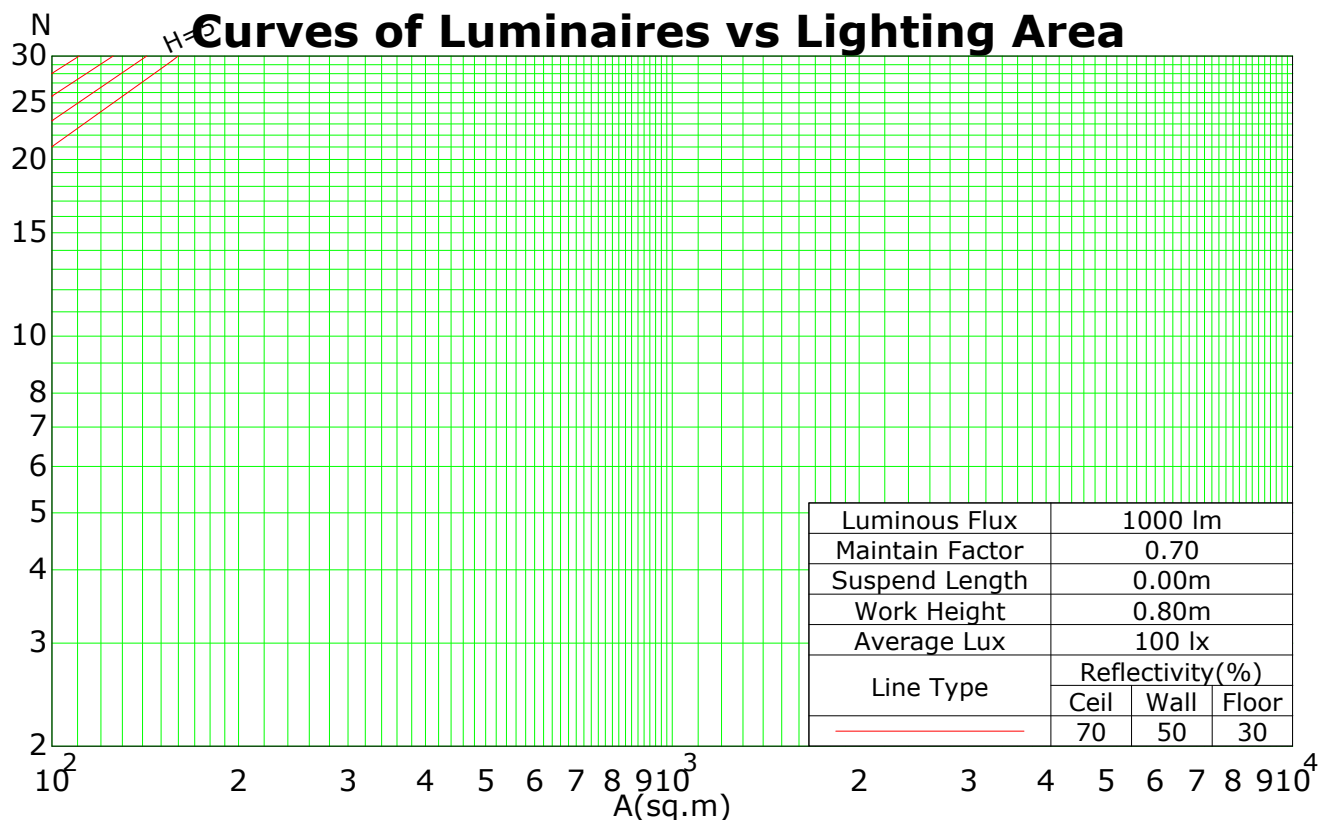
Coefficients Of Utilization - Zonal Cavity Method

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	68	76	71	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	64	57	51	62	55	51	60	54	50	48
6	73	60	52	46	71	60	52	46	58	51	45	56	50	45	54	49	44	43
7	68	55	47	41	66	54	46	41	53	46	40	51	45	40	50	44	40	38
8	63	50	42	37	62	50	42	37	48	41	36	47	41	36	46	40	36	34
9	59	46	38	33	58	46	38	33	45	38	33	44	37	33	43	37	33	31
10	56	43	35	30	54	42	35	30	41	35	30	40	34	30	40	34	30	28

Spacing Criteria (0-180): 1.28

Spacing Criteria (90-270): 1.28

Spacing Criteria (Diagonal): 1.33



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

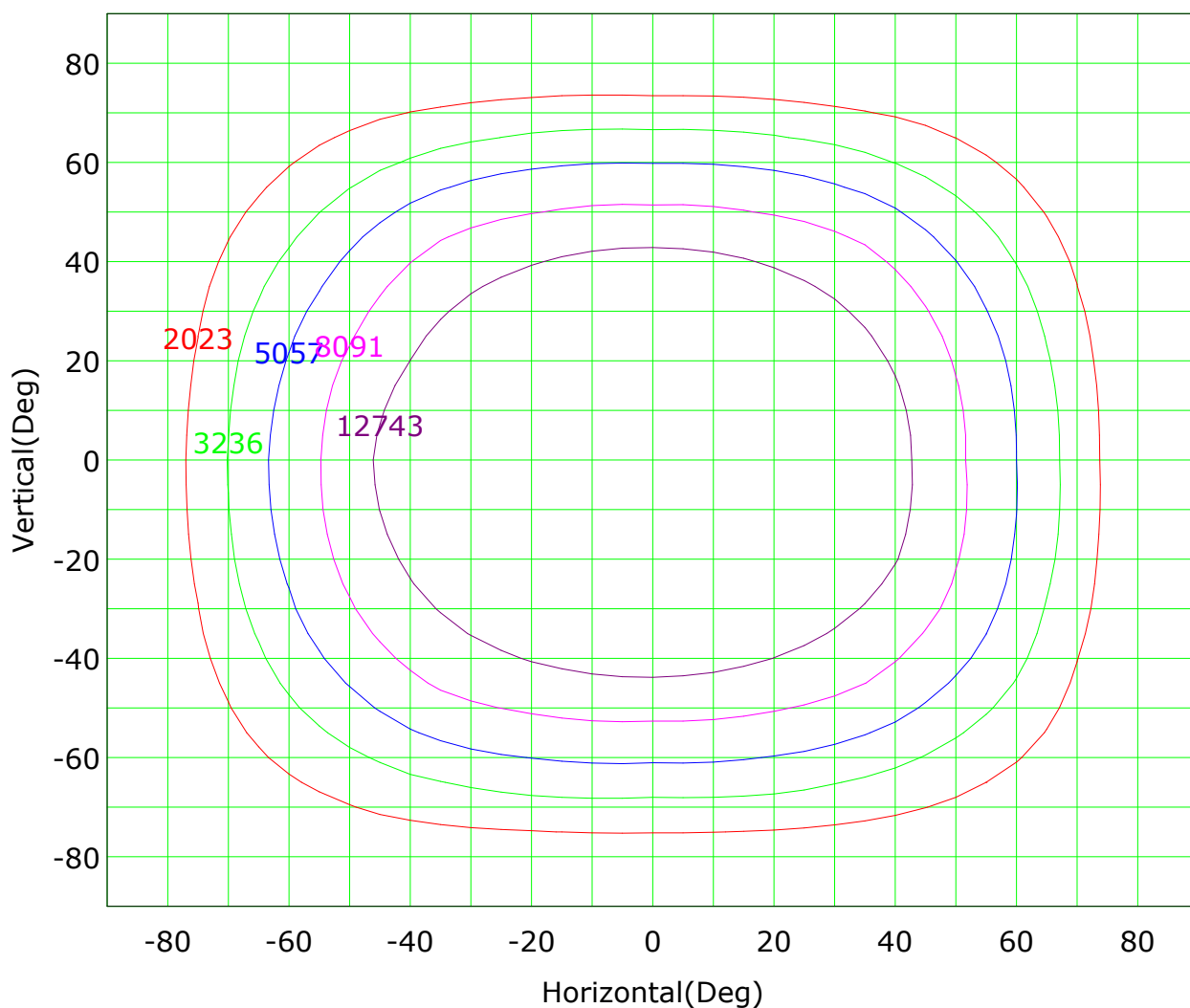
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Isocandela (rectangle)



Imax (100%): 20228 cd

(10%): 2023 cd	(16%): 3236 cd
(25%): 5057 cd	(40%): 8091 cd
(63%): 12743 cd	(100%): 20228 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

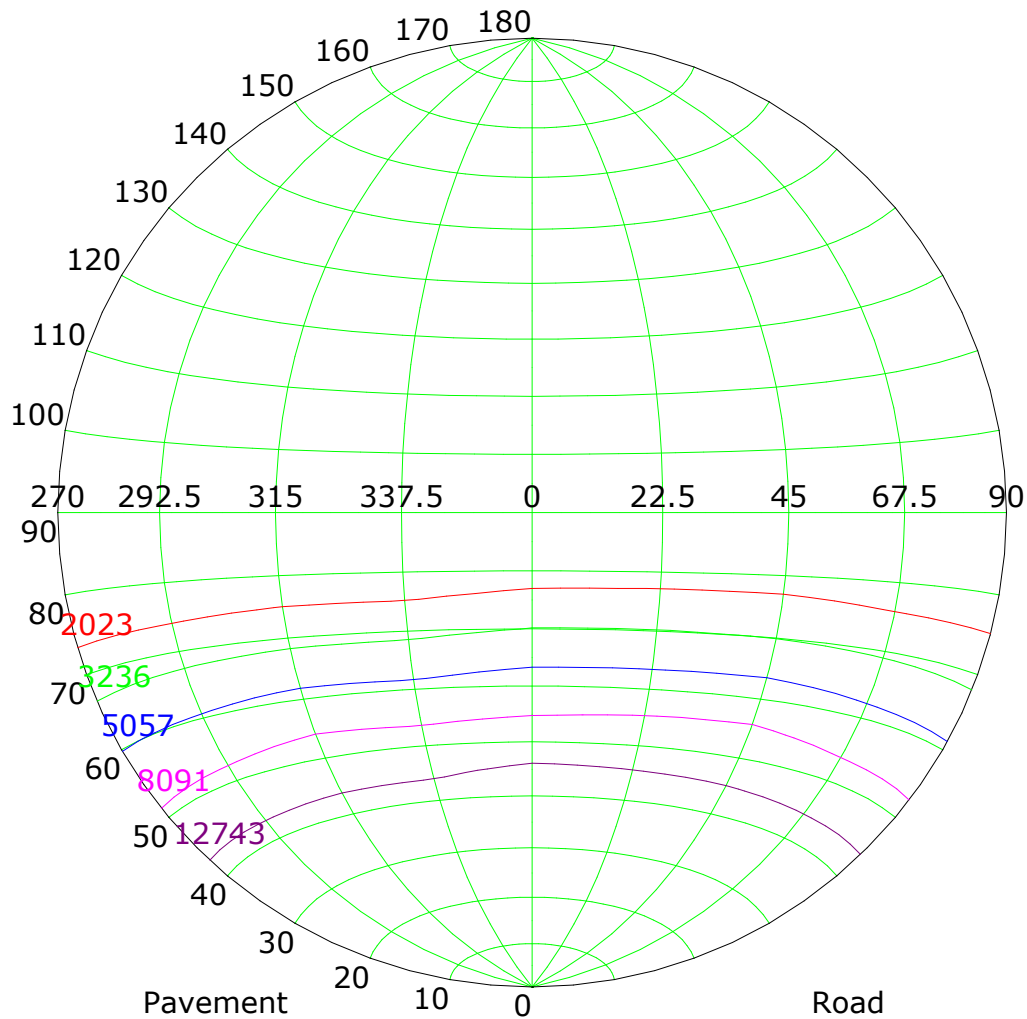
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 20228 cd

(10%): 2023 cd	(16%): 3236 cd
(25%): 5057 cd	(40%): 8091 cd
(63%): 12743 cd	(100%): 20228 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

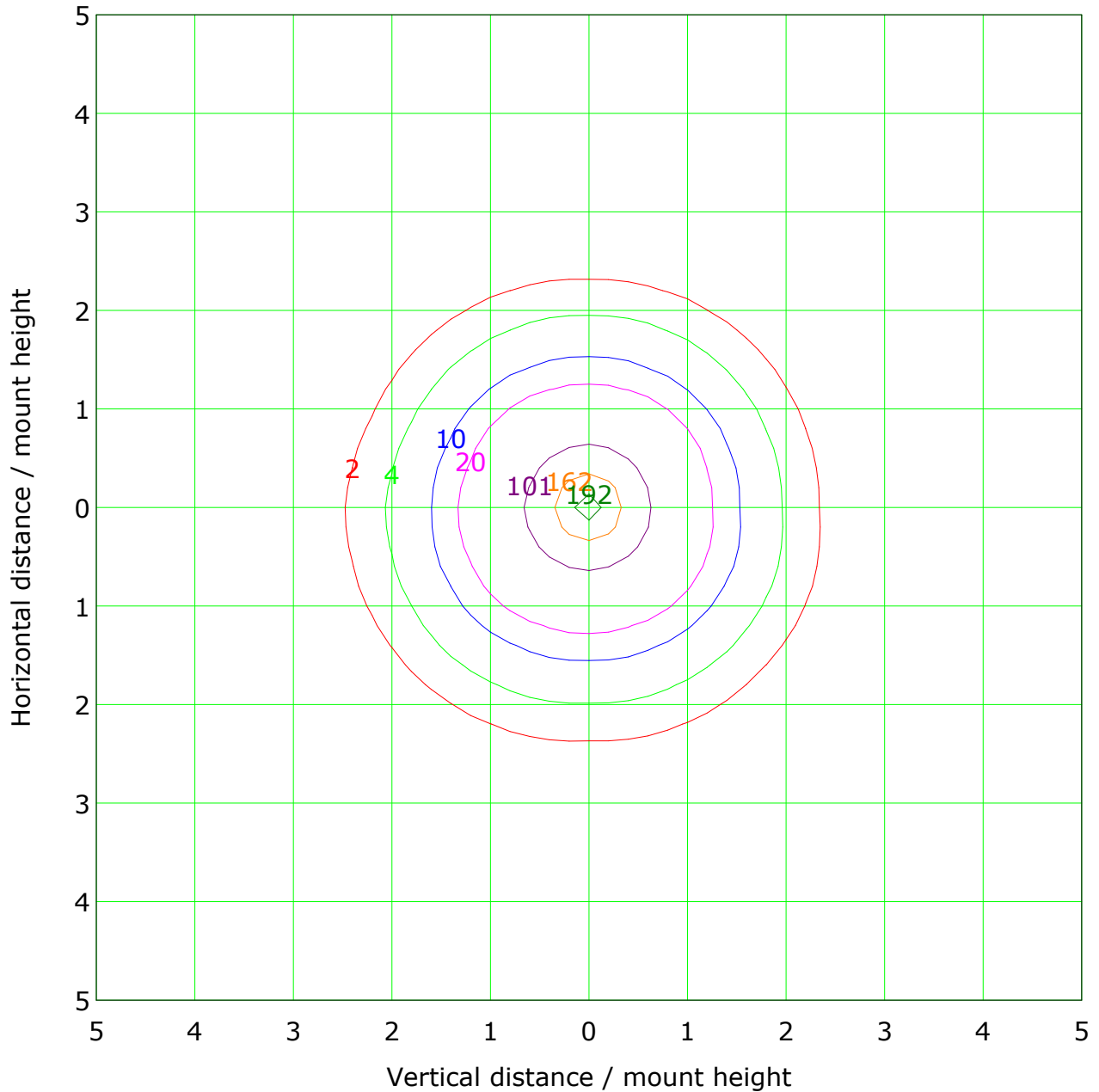
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 201.9 lx

(1%): 2.0 lx	(2%): 4.0 lx
(5%): 10.1 lx	(10%): 20.2 lx
(50%): 101.0 lx	(80%): 161.6 lx
(95%): 191.8 lx	(100%): 201.9 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

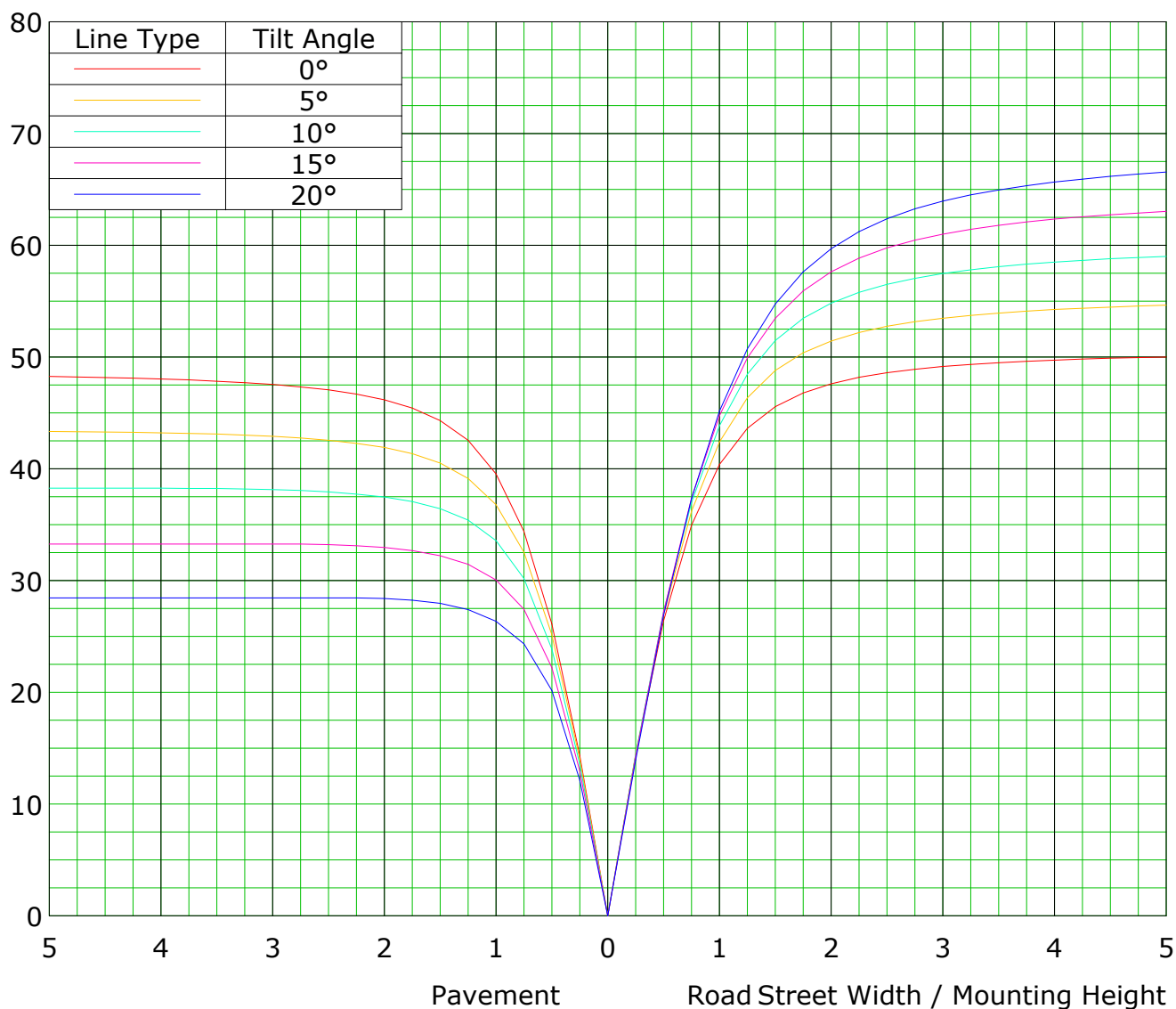
Distance: 8.190 m

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

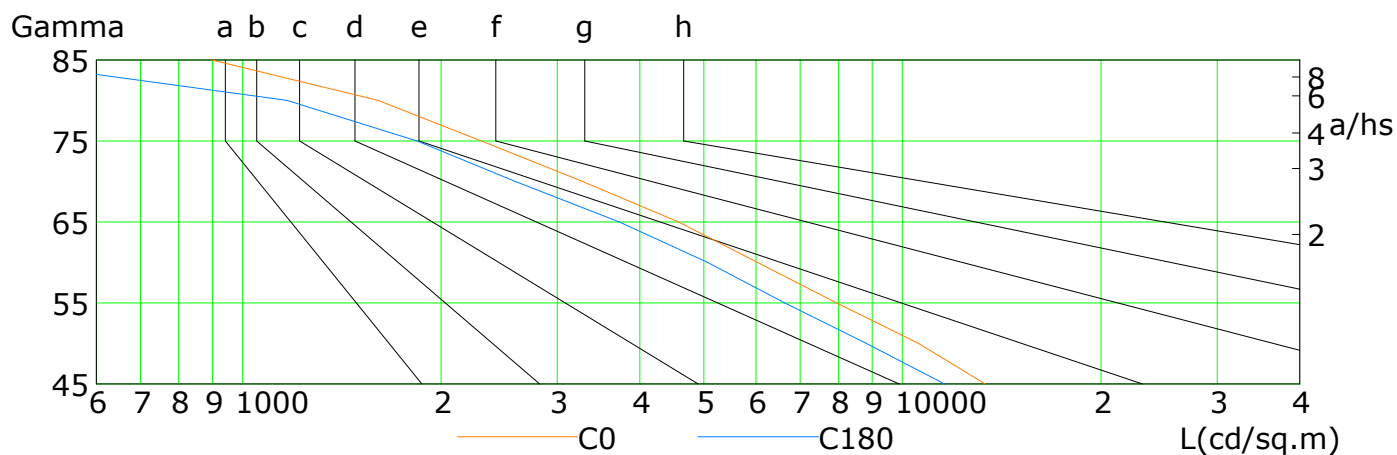
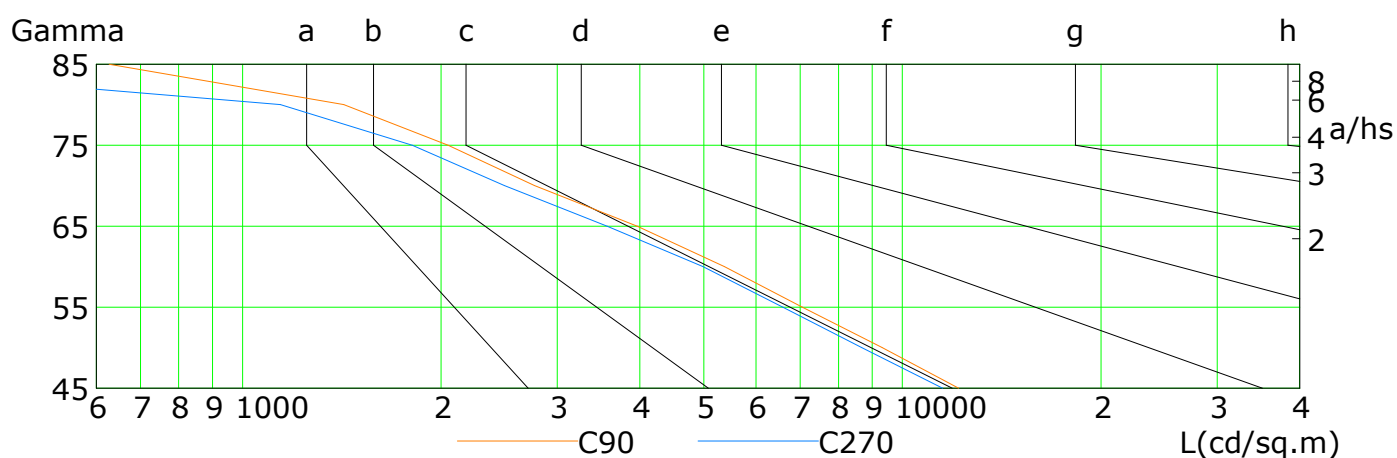
Humidity:

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

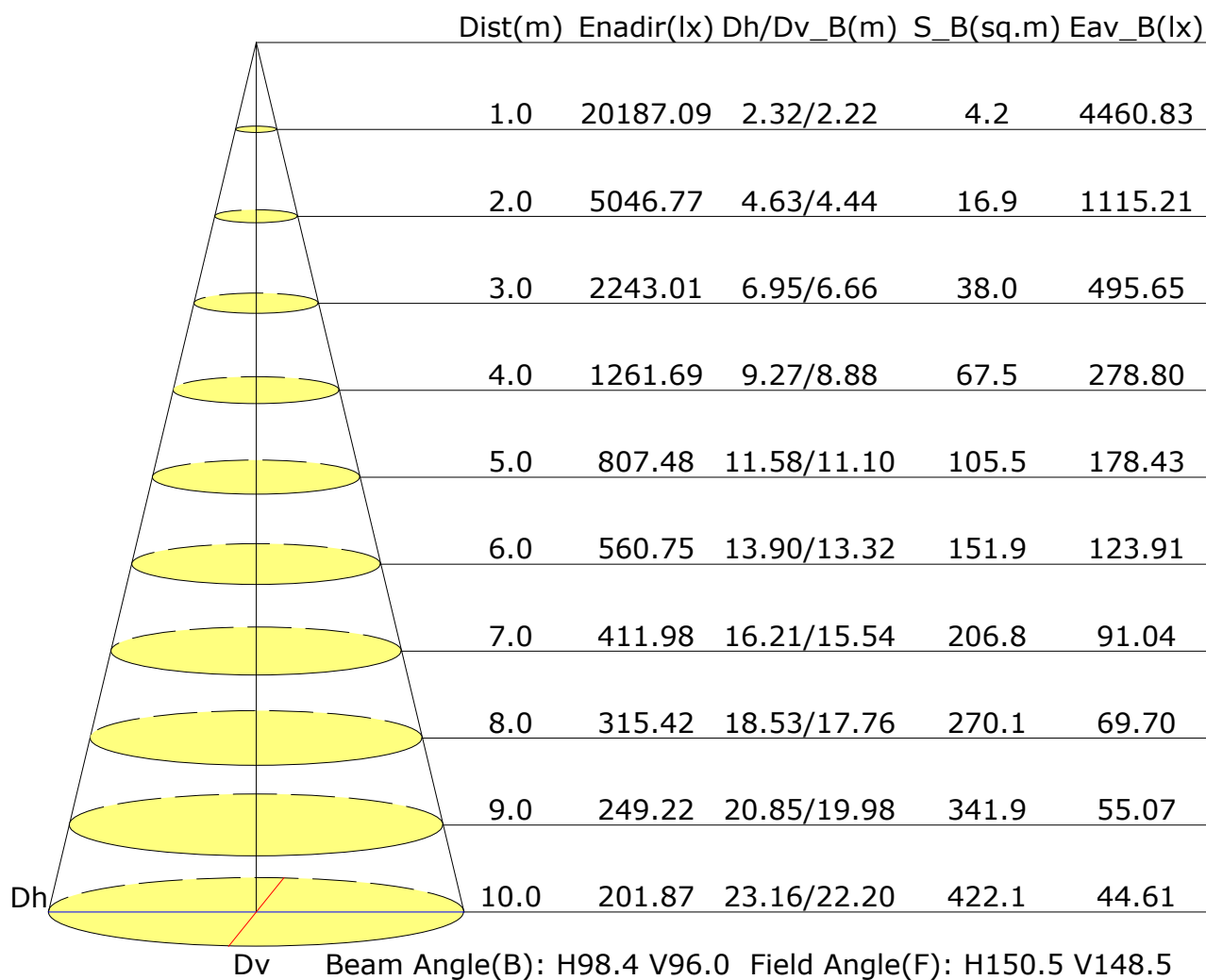


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	13343	10565	7952	6026	4578	3273	2300	1604	898
C90	12165	9313	7052	5369	3963	2771	2048	1424	628
C180	11580	8810	6632	5063	3723	2588	1838	1167	418
C270	11511	8679	6592	4984	3571	2494	1808	1141	217

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:

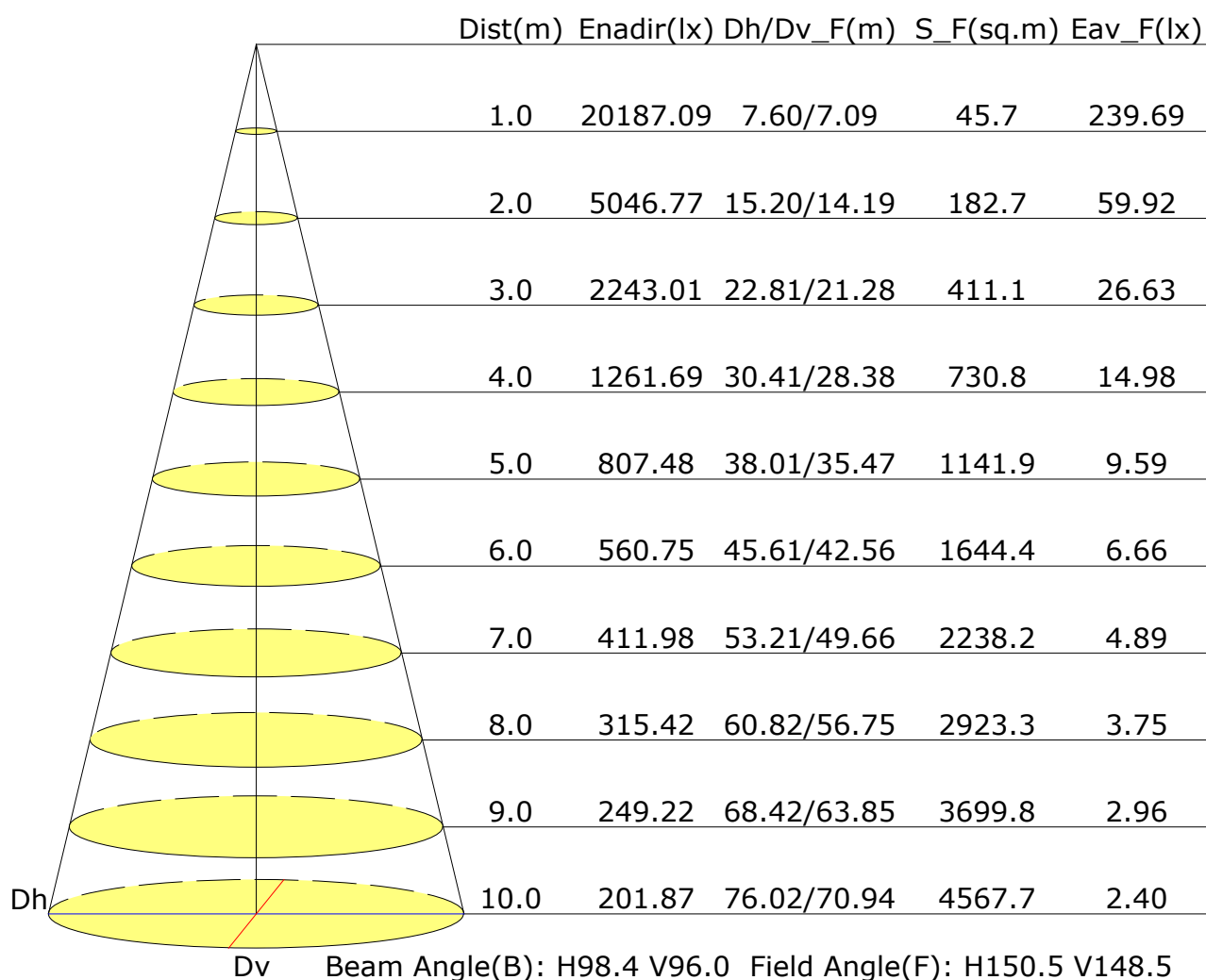
Illuminance at a Distance(Beam Angle)



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:

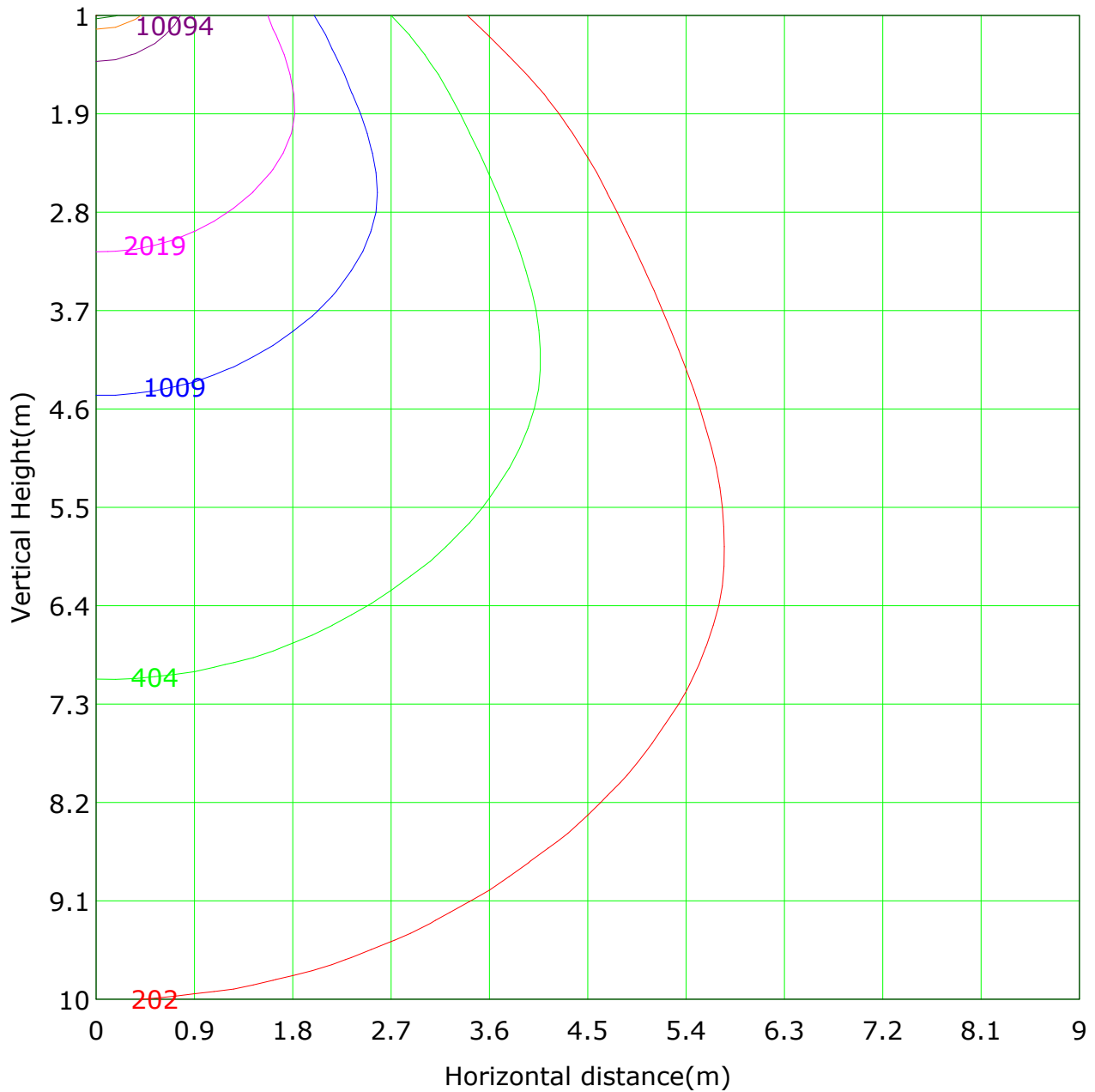
Illuminance at a Distance(Field Angle)



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: 20187.1 lx
 (1%): 201.9 lx (2%): 403.7 lx
 (5%): 1009.4 lx (10%): 2018.7 lx
 (50%): 10093.5 lx (80%): 16149.7 lx
 (95%): 19177.7 lx (100%): 20187.1 lx

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

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

Area Flux Table

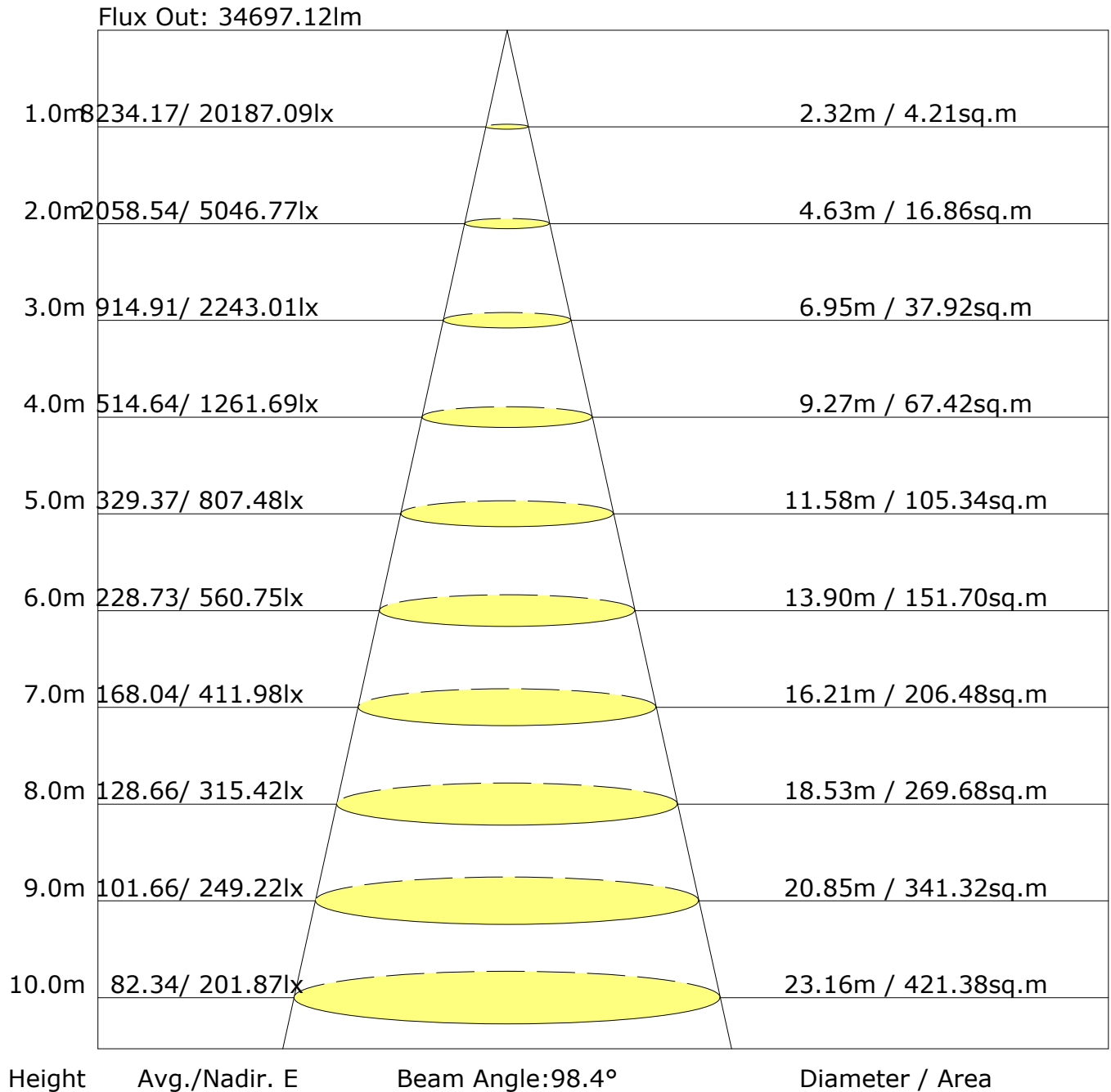
Unit: lm

Vertical plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
Flux(T)	18.4	171.4	526.1	1190.2	2298.0	3634.6	4742.3	5537.5	5959.5	5979.8	5601.4	4849.6	3784.8	2488.3	1327.6	609.7	216.9	35.7	48971
Flux(E)	0.0	44.6	424.4	1098.2	2110.3	3547.2	4653.5	5450.5	5867.5	5887.3	5511.4	4761.9	3698.2	2402.5	1238.5	515.4	100.3	0.0	47412
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	0.0	0.2	1.0	2.6	4.8	7.0	8.8	10.3	11.2	11.5	11.3	10.3	8.9	6.8	4.3	2.2	1.2	0.4	102.9
	0.1	2.2	8.4	17.4	27.8	37.4	45.4	51.6	54.9	55.3	52.9	47.3	39.7	30.4	19.9	10.6	4.3	0.8	506.4
	0.4	5.3	16.2	31.0	49.0	68.7	88.0	103.0	110.1	110.7	104.7	90.6	71.6	51.8	33.4	18.3	7.5	1.3	961.4
	0.7	8.0	22.8	44.9	77.2	118.2	157.6	187.0	202.2	203.1	189.3	161.4	122.9	81.4	48.1	25.1	10.3	1.7	1661.9
	1.1	10.3	29.2	62.4	115.8	188.1	255.6	311.0	345.2	346.5	314.3	261.0	194.8	121.9	66.8	32.4	12.7	2.1	2671.2
	1.3	12.1	35.7	81.5	158.6	261.9	362.2	441.0	483.0	484.9	446.7	370.1	270.5	166.8	87.7	40.5	14.7	2.4	3721.2
	1.6	13.6	41.8	99.2	198.5	327.1	439.6	513.1	550.4	551.9	518.5	448.7	338.3	209.8	108.9	48.4	16.6	2.7	4428.4
	1.7	14.6	46.5	112.3	230.1	372.1	478.4	550.0	587.3	588.4	555.1	486.6	385.5	250.5	127.2	54.9	18.0	2.9	4862.2
	1.8	15.1	48.9	118.5	247.5	392.1	494.6	566.1	605.0	606.4	571.6	505.9	410.7	278.2	139.3	59.1	18.9	3.0	5082.3
	1.8	15.2	49.5	120.3	250.9	395.3	497.3	567.8	605.0	606.5	573.1	508.0	413.4	282.0	141.5	59.8	19.1	3.0	5109.5
	1.8	15.0	48.2	117.4	240.2	382.9	484.2	551.9	586.0	587.6	555.6	491.1	394.6	262.2	133.3	56.9	18.4	2.9	4930.4
	1.7	14.3	44.4	106.6	212.7	341.8	447.3	515.1	549.5	551.1	519.7	454.6	353.3	227.4	117.7	51.4	17.2	2.8	4528.7
	1.5	13.0	38.8	89.7	171.8	275.3	374.6	448.8	486.7	488.5	454.4	384.4	287.9	183.2	97.2	44.0	15.6	2.5	3857.9
	1.2	11.4	32.5	69.6	126.8	201.5	270.0	326.9	362.4	364.7	333.5	279.0	211.9	135.5	75.2	36.0	13.7	2.3	2853.2
	0.9	9.3	26.0	50.7	85.7	129.5	170.3	200.7	216.4	217.7	204.2	176.2	137.1	92.0	54.6	28.4	11.5	1.9	1813.1
	0.6	6.8	19.6	35.7	55.3	77.0	98.2	114.0	121.3	122.0	116.0	101.4	80.9	58.8	38.2	21.6	8.9	1.5	1077.6
	0.3	3.9	12.5	22.8	34.0	44.4	53.2	59.7	62.6	62.9	60.5	54.6	46.4	36.3	24.8	14.3	5.9	1.0	600.3
	0.1	1.1	4.0	7.3	11.1	14.4	16.9	18.9	19.9	20.2	19.8	18.3	16.4	13.4	9.5	5.8	2.6	0.6	200.4
	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

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
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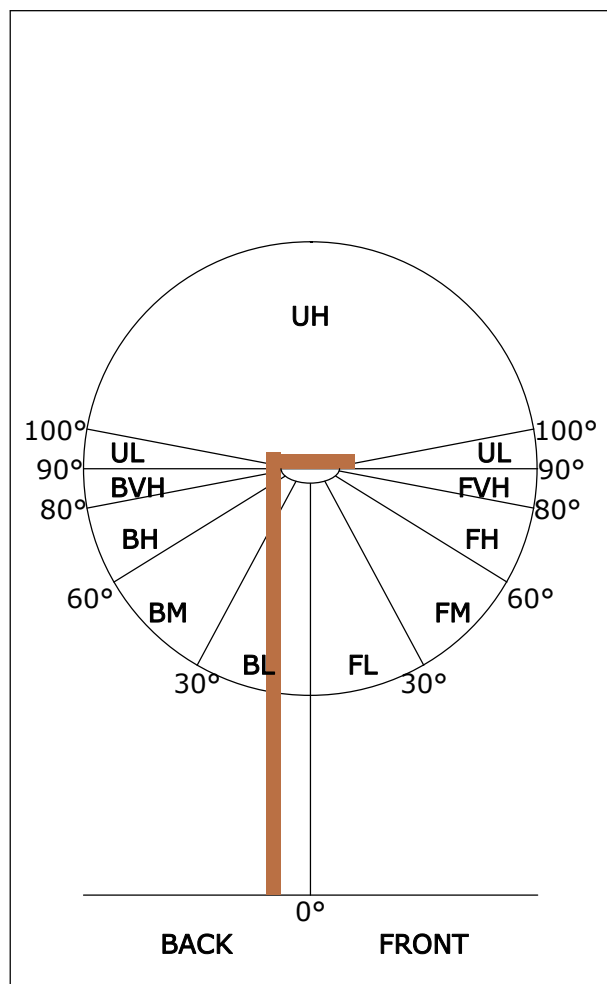
UGR Table

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 49169lm ($8\log(F/F_0) = 13.5$).

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


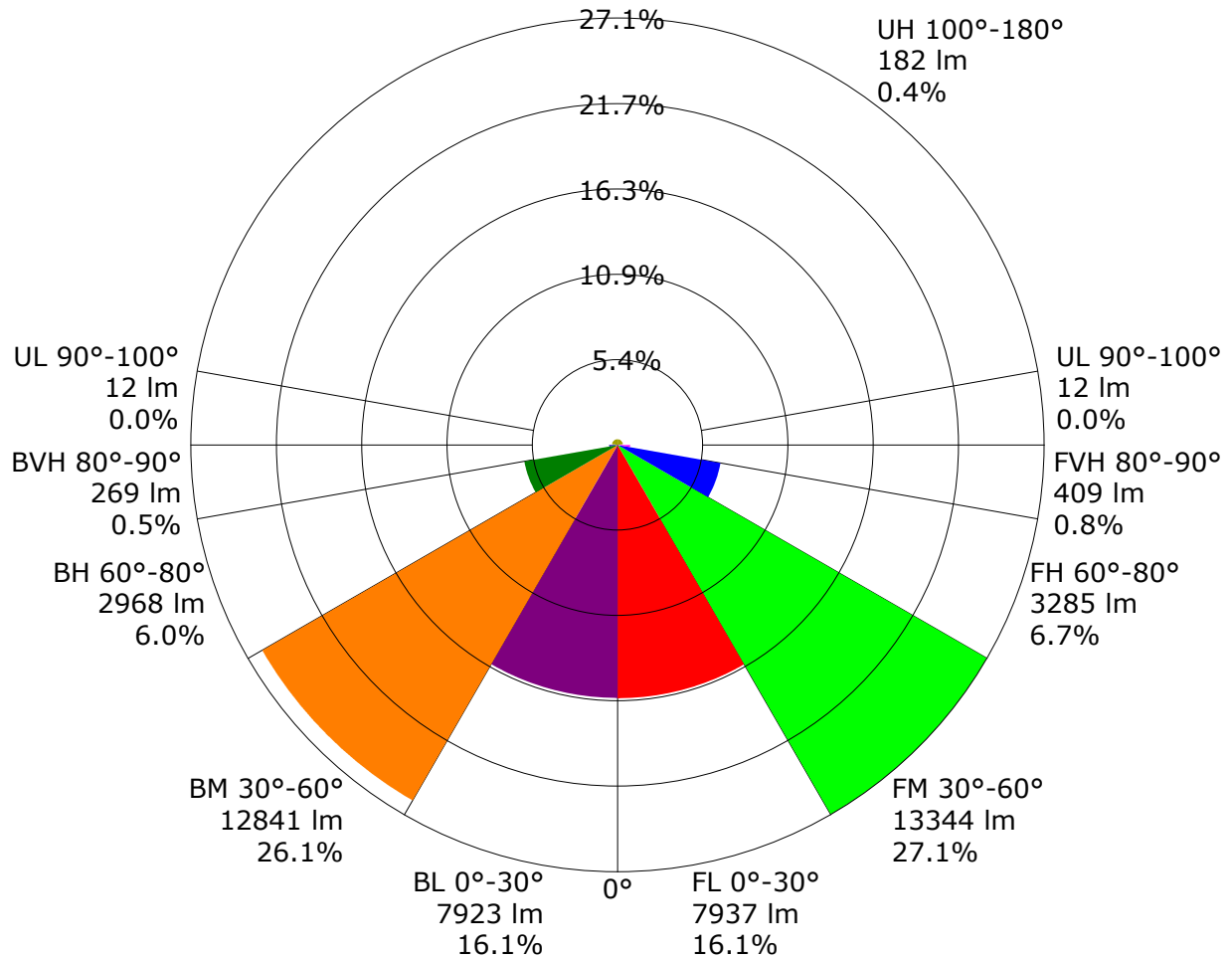
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	24974	50.8
FL (0°-30°)	7937	16.1
FM (30°-60°)	13344	27.1
FH (60°-80°)	3285	6.7
FVH (80°-90°)	409	0.8
BACK LIGHT	24001	48.8
BL (0°-30°)	7923	16.1
BM (30°-60°)	12841	26.1
BH (60°-80°)	2968	6.0
BVH (80°-90°)	269	0.5
UP LIGHT	194	0.4
UL (90°-100°)	12	0.0
UH (100°-180°)	182	0.4
TRAPPED LIGHT	0	0.0

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 G3

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:0 lm,0.0%

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:

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	0.73	0.78	0.85	0.90	0.94	0.99	1.02	
	0.20		0.50	0.60	0.67	0.73	0.81	0.86	0.90	0.96	0.99	
0.50	0.50	0.20	0.61	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	0.67	0.72	0.79	0.84	0.88	0.93	0.96	
0.30	0.50	0.20	0.59	0.68	0.75	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	0.78	0.82	0.86	0.90	0.93	
0.00	0.00	0.00	0.47	0.56	0.63	0.68	0.74	0.79	0.82	0.86	0.88	
Rating:320W 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	0.91	0.74	0.63	0.54	0.43	0.36	0.30	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		0.65	0.56	0.48	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		0.74	0.62	0.53	0.46	0.37	0.31	0.27	0.21	0.17	
	0.20		0.65	0.55	0.47	0.42	0.35	0.29	0.25	0.20	0.17	
0.30	0.50	0.20	0.85	0.68	0.57	0.50	0.39	0.32	0.27	0.21	0.17	
	0.30		0.73	0.60	0.51	0.45	0.36	0.30	0.26	0.20	0.17	
	0.20		0.64	0.54	0.46	0.41	0.34	0.28	0.24	0.19	0.16	
0.00	0.00	0.00	0.53	0.43	0.37	0.32	0.26	0.21	0.18	0.14	0.12	
Rating:320W 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	0.22	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	0.09	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	0.18	0.18	
	0.20		0.05	0.07	0.08	0.10	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:320W 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	20184.4	19.3	19.3	0.04	0.04
1.0-2.0	20175.6	57.9	77.2	0.12	0.16
2.0-3.0	20161.6	96.4	173.7	0.20	0.35
3.0-4.0	20145.7	134.9	308.5	0.27	0.63
4.0-5.0	20126.5	173.2	481.7	0.35	0.98
5.0-6.0	20098.6	211.2	693.0	0.43	1.41
6.0-7.0	20058.9	249.0	942.0	0.51	1.92
7.0-8.0	20012.4	286.5	1228.4	0.58	2.50
8.0-9.0	19966.5	323.6	1552.0	0.66	3.16
9.0-10.0	19918.1	360.5	1912.6	0.73	3.89
10.0-11.0	19858.9	396.9	2309.4	0.81	4.70
11.0-12.0	19787.5	432.6	2742.0	0.88	5.58
12.0-13.0	19710.1	467.8	3209.8	0.95	6.53
13.0-14.0	19631.0	502.6	3712.4	1.02	7.55
14.0-15.0	19548.8	536.8	4249.1	1.09	8.64
15.0-16.0	19459.6	570.3	4819.4	1.16	9.80
16.0-17.0	19361.3	603.0	5422.4	1.23	11.03
17.0-18.0	19255.6	635.0	6057.4	1.29	12.32
18.0-19.0	19150.3	666.4	6723.8	1.36	13.67
19.0-20.0	19046.1	697.2	7420.9	1.42	15.09
20.0-21.0	18932.4	727.1	8148.0	1.48	16.57
21.0-22.0	18804.9	755.8	8903.8	1.54	18.11
22.0-23.0	18669.0	783.5	9687.3	1.59	19.70
23.0-24.0	18531.0	810.3	10497.6	1.65	21.35
24.0-25.0	18390.1	836.3	11333.9	1.70	23.05
25.0-26.0	18239.9	861.1	12195.0	1.75	24.80
26.0-27.0	18076.3	884.5	13079.5	1.80	26.60
27.0-28.0	17900.2	906.4	13985.9	1.84	28.44
28.0-29.0	17718.7	927.1	14913.0	1.89	30.33
29.0-30.0	17533.4	946.8	15859.8	1.93	32.26
30.0-31.0	17335.1	964.8	16824.6	1.96	34.22
31.0-32.0	17120.6	981.0	17805.6	2.00	36.21
32.0-33.0	16894.0	995.4	18801.0	2.02	38.24
33.0-34.0	16657.3	1008.2	19809.2	2.05	40.29
34.0-35.0	16406.6	1019.1	20828.2	2.07	42.36
35.0-36.0	16137.7	1027.7	21855.9	2.09	44.45

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	15840.9	1033.3	22889.2	2.10	46.55
37.0-38.0	15513.3	1035.6	23924.8	2.11	48.66
38.0-39.0	15161.0	1035.0	24959.8	2.10	50.76
39.0-40.0	14781.3	1031.0	25990.8	2.10	52.86
40.0-41.0	14367.0	1023.2	27014.0	2.08	54.94
41.0-42.0	13921.3	1011.6	28025.6	2.06	57.00
42.0-43.0	13448.3	996.3	29021.9	2.03	59.02
43.0-44.0	12955.0	977.9	29999.8	1.99	61.01
44.0-45.0	12450.2	957.0	30956.8	1.95	62.96
45.0-46.0	11939.1	933.8	31890.6	1.90	64.86
46.0-47.0	11424.7	908.8	32799.4	1.85	66.71
47.0-48.0	10912.3	882.3	33681.7	1.79	68.50
48.0-49.0	10409.4	854.9	34536.6	1.74	70.24
49.0-50.0	9913.8	826.7	35363.3	1.68	71.92
50.0-51.0	9430.9	798.0	36161.3	1.62	73.54
51.0-52.0	8963.4	769.3	36930.5	1.56	75.11
52.0-53.0	8506.0	740.0	37670.6	1.51	76.61
53.0-54.0	8059.1	710.4	38381.0	1.44	78.06
54.0-55.0	7631.6	681.3	39062.3	1.39	79.44
55.0-56.0	7222.6	652.7	39715.1	1.33	80.77
56.0-57.0	6823.4	624.0	40339.0	1.27	82.04
57.0-58.0	6441.2	595.7	40934.7	1.21	83.25
58.0-59.0	6080.6	568.5	41503.3	1.16	84.41
59.0-60.0	5732.5	541.6	42044.9	1.10	85.51
60.0-61.0	5399.5	515.4	42560.3	1.05	86.56
61.0-62.0	5083.5	489.9	43050.2	1.00	87.56
62.0-63.0	4776.2	464.6	43514.8	0.94	88.50
63.0-64.0	4479.3	439.6	43954.4	0.89	89.39
64.0-65.0	4196.1	415.3	44369.7	0.84	90.24
65.0-66.0	3924.3	391.6	44761.3	0.80	91.04
66.0-67.0	3665.6	368.6	45129.9	0.75	91.79
67.0-68.0	3421.8	346.7	45476.6	0.71	92.49
68.0-69.0	3192.7	325.8	45802.4	0.66	93.15
69.0-70.0	2979.2	306.0	46108.4	0.62	93.78
70.0-71.0	2781.2	287.5	46395.9	0.58	94.36
71.0-72.0	2596.7	270.0	46665.9	0.55	94.91

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	2423.3	253.4	46919.3	0.52	95.42
73.0-74.0	2263.7	238.0	47157.4	0.48	95.91
74.0-75.0	2116.7	223.7	47381.0	0.45	96.36
75.0-76.0	1978.6	210.1	47591.1	0.43	96.79
76.0-77.0	1844.9	196.7	47787.8	0.40	97.19
77.0-78.0	1714.6	183.6	47971.4	0.37	97.56
78.0-79.0	1582.9	170.1	48141.5	0.35	97.91
79.0-80.0	1446.4	156.0	48297.5	0.32	98.23
80.0-81.0	1307.3	141.4	48438.9	0.29	98.51
81.0-82.0	1161.6	126.0	48564.8	0.26	98.77
82.0-83.0	1007.9	109.6	48674.4	0.22	98.99
83.0-84.0	845.4	92.1	48766.5	0.19	99.18
84.0-85.0	675.7	73.8	48840.3	0.15	99.33
85.0-86.0	505.1	55.2	48895.5	0.11	99.44
86.0-87.0	346.2	37.9	48933.4	0.08	99.52
87.0-88.0	213.5	23.4	48956.8	0.05	99.57
88.0-89.0	116.0	12.7	48969.5	0.03	99.59
89.0-90.0	53.9	5.9	48975.4	0.01	99.61
90.0-91.0	22.4	2.5	48977.9	0.00	99.61
91.0-92.0	11.4	1.3	48979.1	0.00	99.61
92.0-93.0	9.1	1.0	48980.1	0.00	99.62
93.0-94.0	9.0	1.0	48981.1	0.00	99.62
94.0-95.0	9.1	1.0	48982.1	0.00	99.62
95.0-96.0	9.3	1.0	48983.1	0.00	99.62
96.0-97.0	9.8	1.1	48984.2	0.00	99.62
97.0-98.0	10.1	1.1	48985.3	0.00	99.63
98.0-99.0	10.1	1.1	48986.4	0.00	99.63
99.0-100.0	10.4	1.1	48987.5	0.00	99.63
100.0-101.0	10.9	1.2	48988.7	0.00	99.63
101.0-102.0	11.1	1.2	48989.9	0.00	99.64
102.0-103.0	11.5	1.2	48991.1	0.00	99.64
103.0-104.0	11.9	1.3	48992.4	0.00	99.64
104.0-105.0	12.6	1.3	48993.7	0.00	99.64
105.0-106.0	13.2	1.4	48995.1	0.00	99.65
106.0-107.0	13.7	1.4	48996.5	0.00	99.65
107.0-108.0	14.8	1.5	48998.1	0.00	99.65

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	15.6	1.6	48999.7	0.00	99.66
109.0-110.0	16.2	1.7	49001.4	0.00	99.66
110.0-111.0	17.3	1.8	49003.1	0.00	99.66
111.0-112.0	17.9	1.8	49005.0	0.00	99.67
112.0-113.0	18.8	1.9	49006.9	0.00	99.67
113.0-114.0	19.7	2.0	49008.8	0.00	99.67
114.0-115.0	20.3	2.0	49010.9	0.00	99.68
115.0-116.0	21.3	2.1	49013.0	0.00	99.68
116.0-117.0	22.5	2.2	49015.2	0.00	99.69
117.0-118.0	23.4	2.3	49017.5	0.00	99.69
118.0-119.0	24.3	2.3	49019.8	0.00	99.70
119.0-120.0	25.3	2.4	49022.2	0.00	99.70
120.0-121.0	26.3	2.5	49024.7	0.01	99.71
121.0-122.0	27.4	2.6	49027.3	0.01	99.71
122.0-123.0	28.4	2.6	49029.9	0.01	99.72
123.0-124.0	29.5	2.7	49032.6	0.01	99.72
124.0-125.0	30.7	2.8	49035.4	0.01	99.73
125.0-126.0	32.0	2.9	49038.2	0.01	99.73
126.0-127.0	33.1	2.9	49041.1	0.01	99.74
127.0-128.0	33.9	3.0	49044.1	0.01	99.75
128.0-129.0	35.1	3.0	49047.1	0.01	99.75
129.0-130.0	36.3	3.1	49050.2	0.01	99.76
130.0-131.0	37.1	3.1	49053.3	0.01	99.76
131.0-132.0	38.2	3.1	49056.4	0.01	99.77
132.0-133.0	39.6	3.2	49059.6	0.01	99.78
133.0-134.0	40.8	3.2	49062.8	0.01	99.78
134.0-135.0	41.7	3.3	49066.1	0.01	99.79
135.0-136.0	42.7	3.3	49069.4	0.01	99.80
136.0-137.0	43.8	3.3	49072.7	0.01	99.80
137.0-138.0	45.0	3.3	49076.0	0.01	99.81
138.0-139.0	46.0	3.3	49079.4	0.01	99.82
139.0-140.0	46.9	3.3	49082.7	0.01	99.82
140.0-141.0	47.7	3.3	49086.0	0.01	99.83
141.0-142.0	48.8	3.3	49089.4	0.01	99.84
142.0-143.0	49.7	3.3	49092.7	0.01	99.84
143.0-144.0	50.4	3.3	49096.0	0.01	99.85

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	51.8	3.3	49099.3	0.01	99.86
145.0-146.0	53.0	3.3	49102.6	0.01	99.86
146.0-147.0	53.9	3.3	49105.8	0.01	99.87
147.0-148.0	54.7	3.2	49109.0	0.01	99.88
148.0-149.0	55.4	3.2	49112.2	0.01	99.88
149.0-150.0	56.3	3.1	49115.4	0.01	99.89
150.0-151.0	57.2	3.1	49118.4	0.01	99.90
151.0-152.0	58.0	3.0	49121.5	0.01	99.90
152.0-153.0	58.9	3.0	49124.5	0.01	99.91
153.0-154.0	60.1	2.9	49127.4	0.01	99.92
154.0-155.0	60.6	2.9	49130.3	0.01	99.92
155.0-156.0	61.2	2.8	49133.1	0.01	99.93
156.0-157.0	61.9	2.7	49135.8	0.01	99.93
157.0-158.0	62.5	2.6	49138.4	0.01	99.94
158.0-159.0	63.4	2.5	49140.9	0.01	99.94
159.0-160.0	63.9	2.5	49143.4	0.00	99.95
160.0-161.0	64.7	2.4	49145.8	0.00	99.95
161.0-162.0	65.7	2.3	49148.0	0.00	99.96
162.0-163.0	66.1	2.2	49150.2	0.00	99.96
163.0-164.0	66.2	2.1	49152.3	0.00	99.97
164.0-165.0	66.8	2.0	49154.2	0.00	99.97
165.0-166.0	67.5	1.9	49156.1	0.00	99.97
166.0-167.0	68.0	1.7	49157.8	0.00	99.98
167.0-168.0	68.2	1.6	49159.4	0.00	99.98
168.0-169.0	68.7	1.5	49160.9	0.00	99.98
169.0-170.0	69.3	1.4	49162.3	0.00	99.99
170.0-171.0	69.3	1.3	49163.6	0.00	99.99
171.0-172.0	69.4	1.1	49164.7	0.00	99.99
172.0-173.0	69.8	1.0	49165.7	0.00	99.99
173.0-174.0	70.1	0.9	49166.6	0.00	100.00
174.0-175.0	70.5	0.7	49167.3	0.00	100.00
175.0-176.0	70.9	0.6	49167.9	0.00	100.00
176.0-177.0	71.0	0.5	49168.4	0.00	100.00
177.0-178.0	70.9	0.3	49168.8	0.00	100.00
178.0-179.0	71.0	0.2	49169.0	0.00	100.00
179.0-180.0	71.5	0.1	49169.0	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	20187.1	20187.1	20187.1	20187.1	20187.1	20187.1	20187.1	20187.1	20187.1	20187.1
G1.0	20203.8	20181.7	20190.7	20177.5	20173.9	20173.9	20196.7	20183.5	20190.1	20163.2
G2.0	20227.6	20170.4	20179.3	20163.7	20151.1	20153.5	20200.3	20153.4	20187.7	20127.9
G3.0	20211.5	20146.5	20153.5	20169.1	20150.5	20112.6	20167.2	20116.8	20168.6	20116.6
G4.0	20185.3	20153.0	20133.8	20162.5	20152.3	20095.2	20125.1	20109.5	20115.6	20104.0
G5.0	20152.5	20145.3	20132.0	20127.1	20113.8	20090.4	20085.4	20101.7	20076.8	20077.1
G6.0	20145.4	20115.4	20110.4	20080.8	20067.6	20056.1	20074.6	20068.7	20043.4	20037.1
G7.0	20141.2	20067.6	20065.5	20029.2	20004.6	20006.3	20051.7	20012.8	20008.3	19965.4
G8.0	20095.9	20019.2	20002.0	20005.2	19967.3	19937.8	19998.1	19950.8	19955.2	19926.5
G9.0	20043.4	19994.6	19948.6	19966.8	19945.1	19882.6	19927.1	19915.4	19869.4	19890.7
G10.0	19990.4	19954.0	19922.9	19898.9	19881.5	19847.7	19859.1	19884.7	19786.5	19840.5
G11.0	19955.2	19893.0	19869.6	19827.5	19805.8	19781.6	19812.2	19814.4	19719.2	19760.4
G12.0	19918.9	19814.2	19797.1	19746.5	19708.5	19702.4	19750.2	19740.4	19653.6	19659.4
G13.0	19842.6	19729.9	19707.2	19689.4	19640.1	19606.3	19664.8	19641.2	19564.8	19582.9
G14.0	19751.4	19674.3	19629.9	19616.8	19572.2	19522.2	19561.9	19575.1	19448.6	19507.0
G15.0	19654.2	19605.6	19563.4	19524.9	19476.1	19461.5	19457.7	19508.4	19322.2	19421.5
G16.0	19584.5	19508.2	19481.3	19419.3	19366.3	19367.8	19389.1	19408.6	19221.5	19316.9
G17.0	19505.8	19395.8	19380.1	19312.4	19251.6	19255.5	19309.1	19298.0	19123.1	19185.4
G18.0	19399.1	19296.6	19267.5	19226.6	19153.7	19130.5	19202.6	19174.1	19012.9	19068.9
G19.0	19269.2	19220.1	19163.2	19133.5	19071.4	19028.4	19082.2	19076.1	18885.3	18968.5
G20.0	19155.9	19129.8	19084.7	19015.3	18944.1	18935.3	18961.3	18991.4	18742.9	18854.3
G21.0	19058.2	19016.3	18978.7	18889.2	18809.0	18816.4	18852.4	18863.3	18621.3	18714.5
G22.0	18949.7	18886.6	18855.3	18743.4	18667.3	18681.8	18738.6	18726.9	18490.1	18547.7
G23.0	18812.6	18758.7	18712.7	18635.9	18544.8	18528.7	18587.6	18573.0	18357.2	18397.1
G24.0	18671.9	18651.1	18580.9	18509.8	18430.7	18386.3	18427.5	18432.9	18202.8	18255.5
G25.0	18533.1	18529.2	18452.7	18346.0	18285.4	18260.2	18269.2	18307.3	18033.0	18101.3
G26.0	18411.4	18376.8	18308.9	18191.7	18125.7	18101.0	18126.0	18143.1	17871.4	17932.7
G27.0	18293.4	18210.6	18139.9	18012.8	17953.4	17919.0	17970.2	17966.4	17713.5	17729.5
G28.0	18128.3	18032.5	17956.0	17859.7	17794.8	17730.4	17793.2	17771.6	17532.3	17529.9
G29.0	17945.9	17877.1	17785.9	17691.6	17633.9	17541.8	17588.6	17590.7	17339.7	17347.0
G30.0	17776.1	17704.4	17616.9	17501.3	17432.2	17370.0	17381.0	17416.3	17127.0	17162.9
G31.0	17612.1	17498.2	17422.8	17285.2	17222.6	17171.8	17187.9	17219.1	16896.9	16943.6
G32.0	17426.2	17277.1	17214.3	17058.9	16995.0	16948.3	16985.7	16997.9	16685.3	16706.3
G33.0	17214.6	17057.8	16977.0	16850.6	16773.4	16708.7	16755.2	16765.3	16459.4	16472.0
G34.0	16983.9	16857.5	16745.8	16623.7	16551.3	16459.4	16509.7	16535.6	16194.1	16221.0
G35.0	16752.0	16636.4	16504.9	16367.3	16282.9	16215.5	16233.4	16315.6	15900.3	15948.5
G36.0	16540.4	16383.6	16246.7	16085.2	16008.5	15948.8	15969.3	16058.3	15619.0	15650.9

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 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	16294.3	16102.1	15951.4	15783.8	15707.0	15634.7	15679.8	15762.5	15318.5	15282.7
G38.0	16015.9	15806.9	15624.9	15481.3	15399.6	15298.9	15344.0	15437.3	14967.5	14919.3
G39.0	15715.5	15512.2	15297.7	15148.1	15062.7	14930.1	14975.7	15101.8	14581.2	14533.3
G40.0	15397.8	15183.5	14933.5	14777.1	14665.8	14565.5	14575.6	14758.6	14161.0	14119.7
G41.0	15073.6	14803.4	14541.1	14337.7	14237.7	14151.6	14161.5	14342.0	13684.2	13681.0
G42.0	14719.5	14389.2	14131.3	13894.7	13776.5	13668.7	13718.6	13915.1	13221.0	13199.3
G43.0	14305.3	13962.5	13684.3	13428.8	13273.3	13178.0	13261.3	13439.6	12696.5	12690.7
G44.0	13842.1	13527.4	13240.4	12943.8	12742.5	12658.4	12783.5	12953.3	12168.4	12220.3
G45.0	13343.2	13051.7	12801.2	12407.7	12164.9	12128.6	12324.9	12445.9	11580.1	11707.5
G46.0	12837.8	12572.3	12351.9	11874.7	11580.6	11641.5	11853.1	11947.5	11009.7	11215.6
G47.0	12311.5	12085.8	11894.8	11347.6	10996.3	11100.3	11433.7	11438.9	10423.8	10681.3
G48.0	11741.6	11594.0	11446.0	10831.9	10416.9	10573.5	11002.2	10921.3	9881.4	10191.9
G49.0	11154.5	11112.3	11011.1	10313.9	9863.3	10062.9	10564.1	10412.8	9334.8	9711.3
G50.0	10565.0	10616.8	10603.1	9788.6	9313.2	9566.8	10123.0	9928.2	8810.2	9235.0
G51.0	10008.3	10127.9	10158.5	9293.9	8794.4	9103.1	9701.8	9461.1	8304.2	8761.1
G52.0	9446.2	9650.4	9730.2	8821.5	8297.3	8650.1	9296.8	9006.0	7851.8	8308.0
G53.0	8915.7	9174.6	9282.6	8373.7	7840.3	8201.5	8858.1	8546.2	7433.4	7844.3
G54.0	8409.1	8694.1	8838.1	7942.0	7424.8	7765.4	8408.6	8101.3	7006.0	7418.1
G55.0	7951.9	8260.2	8398.4	7514.6	7052.5	7358.7	7954.8	7668.5	6632.3	7013.5
G56.0	7522.2	7809.0	7961.0	7111.2	6680.2	6975.5	7518.6	7257.9	6281.2	6619.1
G57.0	7099.6	7360.2	7526.6	6722.2	6322.3	6576.7	7091.9	6848.5	5958.7	6216.2
G58.0	6721.1	6931.6	7102.5	6360.2	5987.3	6236.7	6699.5	6447.5	5647.0	5860.6
G59.0	6364.6	6543.2	6686.7	6023.5	5676.8	5890.7	6307.8	6086.8	5348.4	5522.4
G60.0	6026.1	6166.0	6297.3	5692.7	5369.4	5565.1	5914.8	5714.7	5063.5	5190.1
G61.0	5720.3	5802.1	5922.2	5376.9	5073.9	5253.4	5553.2	5389.4	4776.2	4887.0
G62.0	5428.2	5467.4	5559.8	5079.2	4783.9	4963.9	5198.1	5079.8	4505.6	4593.0
G63.0	5132.0	5138.1	5201.5	4789.2	4498.7	4671.4	4867.7	4775.1	4243.9	4303.1
G64.0	4851.9	4850.6	4866.0	4509.5	4228.5	4389.0	4541.6	4484.7	3981.6	4029.4
G65.0	4577.7	4557.1	4543.1	4231.6	3963.1	4120.5	4231.7	4212.4	3722.9	3775.4
G66.0	4309.5	4273.9	4245.9	3955.4	3698.9	3859.9	3942.8	3946.6	3468.4	3528.0
G67.0	4054.9	4007.3	3946.4	3697.3	3434.1	3617.2	3687.7	3696.6	3238.9	3302.1
G68.0	3789.7	3750.3	3675.6	3440.4	3205.9	3394.3	3434.9	3445.3	3001.7	3072.6
G69.0	3519.1	3502.9	3415.5	3237.4	2972.3	3157.7	3232.7	3232.5	2787.7	2872.9
G70.0	3272.9	3282.3	3214.8	3006.3	2770.6	2954.1	3022.7	3026.3	2588.1	2676.3
G71.0	3039.3	3067.8	3008.7	2819.0	2592.8	2761.9	2830.1	2832.1	2414.0	2492.8
G72.0	2828.3	2860.4	2814.6	2620.3	2436.1	2573.8	2650.2	2642.7	2265.6	2320.1
G73.0	2632.8	2670.3	2625.3	2438.4	2307.6	2394.2	2470.3	2464.2	2113.0	2157.5

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 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	2461.1	2495.2	2454.6	2286.0	2155.7	2242.3	2318.6	2291.6	1977.1	2012.3
G75.0	2300.2	2324.3	2302.4	2121.5	2048.2	2081.3	2177.2	2144.4	1838.2	1881.4
G76.0	2149.4	2165.9	2163.4	1990.6	1911.3	1965.4	2038.2	2007.9	1695.8	1747.6
G77.0	2001.5	2027.3	2021.4	1860.3	1786.4	1826.0	1906.4	1879.2	1583.1	1619.1
G78.0	1872.8	1889.2	1889.0	1728.9	1713.1	1708.9	1792.7	1745.8	1447.8	1488.2
G79.0	1729.1	1755.9	1744.6	1619.0	1554.0	1585.8	1650.1	1624.9	1307.1	1354.3
G80.0	1604.0	1635.2	1627.2	1491.2	1424.3	1452.4	1517.1	1489.1	1167.1	1210.3
G81.0	1474.6	1496.5	1481.6	1357.3	1294.6	1314.9	1378.7	1355.6	1024.6	1072.2
G82.0	1332.8	1357.3	1344.4	1220.4	1141.5	1176.7	1248.1	1221.6	876.2	918.6
G83.0	1189.1	1213.2	1203.6	1069.7	986.0	1027.1	1105.5	1078.5	727.8	763.2
G84.0	1046.1	1070.4	1056.2	902.3	815.4	855.9	957.4	926.4	580.0	603.6
G85.0	898.2	922.8	897.5	725.2	628.1	669.1	787.7	773.7	418.4	441.1
G86.0	748.0	764.4	727.9	533.7	441.9	476.3	606.6	616.8	268.8	270.1
G87.0	597.2	608.4	541.6	346.4	276.2	294.9	405.0	460.5	129.3	105.8
G88.0	436.9	439.3	334.3	199.3	161.5	161.0	206.4	292.2	26.8	16.1
G89.0	283.1	270.1	160.0	97.9	74.5	69.1	79.4	125.0	3.0	5.4
G90.0	140.7	106.4	58.7	40.2	39.6	27.0	19.9	22.2	6.0	4.2
G91.0	37.0	25.1	19.8	21.0	24.6	14.4	11.4	10.8	5.4	4.8
G92.0	6.0	9.0	11.4	15.0	18.6	13.8	11.4	7.8	4.8	6.6
G93.0	7.1	7.8	9.0	12.0	15.6	12.0	10.2	10.2	5.4	5.4
G94.0	6.6	9.6	8.4	12.6	18.6	11.4	9.6	9.6	5.4	7.2
G95.0	7.1	6.6	9.0	11.4	17.4	11.4	8.4	2.4	8.9	6.6
G96.0	7.1	8.4	9.6	12.0	16.2	12.6	10.2	10.8	7.1	6.6
G97.0	9.5	7.2	8.4	13.8	16.8	13.2	7.8	11.4	8.3	6.6
G98.0	7.1	8.4	9.6	13.2	18.0	12.0	8.4	10.2	8.9	7.2
G99.0	7.7	9.6	6.0	13.2	19.2	12.6	9.0	10.8	9.5	9.6
G100.0	8.9	9.6	9.6	10.8	18.0	10.8	10.8	12.0	8.3	10.8
G101.0	8.9	10.2	7.2	11.4	19.2	13.2	9.6	13.2	7.1	9.0
G102.0	10.7	6.6	9.0	13.8	19.2	11.4	9.6	12.6	9.5	9.6
G103.0	10.1	10.2	10.2	12.6	19.8	10.2	10.2	13.2	12.5	10.2
G104.0	9.5	7.2	11.4	12.6	18.0	14.4	9.0	12.6	11.9	11.4
G105.0	11.9	12.0	11.4	14.4	19.8	13.8	8.4	14.4	11.9	10.2
G106.0	10.1	11.4	13.2	14.4	19.2	12.0	11.4	14.4	10.7	13.2
G107.0	13.1	12.0	10.2	15.0	16.8	15.0	13.2	16.8	13.7	10.8
G108.0	10.7	14.3	13.8	16.8	20.4	12.6	13.2	18.0	16.1	16.7
G109.0	12.5	13.2	13.2	15.6	22.2	15.0	14.4	18.0	16.1	14.3
G110.0	14.9	14.9	16.2	15.0	23.4	16.2	16.8	17.4	14.9	14.3

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Candlepower Table (Continue 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	15.5	14.3	16.2	17.4	23.4	16.2	18.7	20.4	17.9	16.7
G112.0	14.9	16.7	16.2	17.4	24.6	17.4	15.0	19.2	18.5	17.3
G113.0	17.3	16.7	18.6	19.8	25.2	18.6	18.7	22.2	19.1	19.1
G114.0	16.7	19.7	18.0	19.2	25.2	19.8	19.9	22.2	20.3	19.1
G115.0	17.9	18.5	20.4	21.6	24.0	19.8	19.3	24.0	21.5	19.1
G116.0	20.9	19.1	20.4	19.2	25.2	21.0	21.7	25.9	20.9	21.5
G117.0	23.2	20.3	21.6	21.6	28.8	22.2	20.5	25.3	22.7	22.7
G118.0	22.1	23.3	22.2	23.4	27.6	23.4	22.9	27.6	22.1	21.5
G119.0	23.8	23.3	21.6	24.0	30.6	25.2	22.3	28.9	25.6	22.7
G120.0	23.2	25.1	23.4	24.6	29.4	25.8	25.3	28.9	26.8	24.5
G121.0	26.2	26.3	24.0	27.0	32.4	25.2	25.3	28.9	25.6	26.3
G122.0	26.8	25.7	27.0	26.4	31.2	28.2	26.5	28.9	28.0	24.5
G123.0	27.4	27.5	28.8	26.4	33.0	27.6	27.1	31.3	30.4	29.9
G124.0	26.8	28.1	27.6	30.6	35.4	28.8	28.9	30.7	29.8	29.9
G125.0	29.8	28.1	29.4	30.0	37.2	31.2	28.3	32.5	31.0	31.1
G126.0	29.8	31.7	29.4	33.6	36.6	31.2	31.3	32.5	32.2	34.7
G127.0	32.8	31.7	30.6	32.4	37.8	32.4	32.5	34.9	34.6	34.1
G128.0	31.0	31.1	33.6	34.8	37.8	35.4	32.5	37.3	35.8	32.3
G129.0	35.2	31.7	33.6	35.4	40.2	32.4	35.5	38.5	36.4	34.7
G130.0	36.4	34.1	34.2	35.4	41.4	37.2	35.5	39.1	37.5	38.8
G131.0	34.6	37.1	34.2	37.8	41.4	36.0	36.1	39.7	38.7	37.1
G132.0	35.8	37.6	36.0	37.8	42.6	39.0	37.3	41.5	41.1	40.0
G133.0	38.1	39.4	37.1	39.6	46.2	39.0	37.9	42.7	41.7	38.8
G134.0	40.5	41.2	37.7	40.8	47.4	39.0	39.1	43.9	42.9	41.2
G135.0	41.7	38.2	40.1	41.4	46.8	40.8	40.3	45.1	42.3	40.0
G136.0	42.9	40.6	41.3	41.4	48.6	43.8	42.1	46.9	44.1	41.8
G137.0	42.9	43.6	42.5	42.6	49.8	44.5	42.7	45.7	45.9	43.6
G138.0	42.9	44.8	43.7	44.4	51.0	46.9	44.5	48.1	44.7	44.2
G139.0	44.1	44.8	45.5	43.2	51.0	46.3	43.9	49.9	44.7	46.0
G140.0	46.5	46.6	46.1	47.4	54.0	46.9	43.9	48.7	48.3	47.2
G141.0	44.7	46.0	46.7	48.0	54.0	48.6	46.3	51.7	48.3	47.8
G142.0	48.3	47.8	49.1	48.6	55.2	47.5	48.1	50.5	48.3	47.2
G143.0	47.1	47.2	49.1	51.0	53.4	49.3	49.3	52.3	50.1	47.8
G144.0	48.3	47.2	48.5	49.2	55.8	51.7	48.7	51.7	53.0	50.8
G145.0	51.3	52.6	50.3	51.0	58.8	51.1	51.1	53.5	50.7	51.4
G146.0	51.9	50.2	51.5	52.2	59.4	52.3	53.0	55.3	54.8	52.0
G147.0	50.1	53.8	52.7	53.4	61.2	54.1	52.4	55.9	55.4	53.8

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 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	55.4	52.0	53.3	53.4	61.8	53.5	51.8	55.9	56.0	55.6
G149.0	54.2	54.4	53.3	55.8	62.4	55.9	54.8	55.3	56.6	55.6
G150.0	54.2	54.4	55.1	56.4	61.2	55.9	55.4	58.9	56.0	56.8
G151.0	55.4	56.8	55.1	58.2	63.0	55.9	56.0	59.5	58.4	55.0
G152.0	56.6	56.8	56.9	55.8	64.3	57.1	56.0	60.1	59.0	58.6
G153.0	57.8	58.0	56.3	59.4	64.9	58.3	57.8	60.7	61.4	58.0
G154.0	59.6	58.0	56.9	58.8	66.1	59.5	57.8	61.9	61.4	61.0
G155.0	60.2	58.6	56.9	60.6	66.7	58.3	59.6	60.7	60.2	59.8
G156.0	59.6	61.6	58.7	61.2	67.9	62.5	60.2	63.7	62.6	61.0
G157.0	60.8	59.8	59.9	61.2	66.7	60.7	60.8	63.1	61.4	61.0
G158.0	62.0	62.2	60.5	63.0	69.0	63.1	60.2	65.5	62.6	62.2
G159.0	63.2	62.8	59.9	63.0	69.0	61.9	62.0	64.9	63.8	61.0
G160.0	63.2	62.8	61.7	67.2	70.9	63.7	62.6	62.5	63.8	61.6
G161.0	63.8	62.8	64.1	64.8	72.1	63.7	63.8	67.9	66.2	64.5
G162.0	66.2	64.5	64.1	64.8	72.1	65.5	65.0	66.7	65.0	66.3
G163.0	66.2	63.4	64.7	64.2	70.9	65.5	63.8	69.1	65.6	64.0
G164.0	64.4	65.7	63.5	67.2	71.5	64.3	64.4	67.9	66.2	66.9
G165.0	66.8	63.4	65.3	67.8	73.9	66.7	66.2	67.3	66.8	66.9
G166.0	67.4	68.1	64.7	66.6	72.7	66.7	65.6	69.7	66.2	67.5
G167.0	66.2	66.3	66.5	70.2	72.7	67.3	66.8	69.1	68.0	65.1
G168.0	66.8	65.7	67.1	67.8	73.3	66.7	64.4	67.9	68.5	69.3
G169.0	69.1	67.5	68.3	69.0	75.1	66.7	66.2	69.7	69.7	68.7
G170.0	66.8	67.5	67.1	70.8	75.1	67.9	66.8	71.5	68.5	68.7
G171.0	68.5	68.7	67.1	68.4	75.7	67.3	66.2	70.9	69.7	65.1
G172.0	67.4	68.1	68.3	70.8	75.1	67.3	69.2	72.1	70.9	67.5
G173.0	69.1	68.1	68.9	69.6	75.7	69.7	67.4	69.1	70.9	67.5
G174.0	68.0	68.1	68.9	70.2	75.7	69.1	70.4	72.7	69.7	67.5
G175.0	70.3	70.5	67.7	70.8	77.5	70.9	67.4	69.7	71.5	68.7
G176.0	71.5	68.1	68.9	67.8	75.1	67.9	69.2	73.3	70.9	68.7
G177.0	71.5	68.7	68.9	70.2	78.1	71.5	67.4	72.1	71.5	68.1
G178.0	70.3	69.9	68.3	71.4	77.5	69.1	68.6	71.5	70.3	70.5
G179.0	70.9	69.9	69.5	73.2	76.9	70.3	70.4	71.5	70.9	69.9
G180.0	70.9	71.7	68.9	73.2	76.9	71.5	69.2	71.5	70.3	68.7

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 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	20187.1	20187.1	20187.1	20187.1	20187.1	20187.1	20187.1			
G1.0	20157.1	20199.1	20196.1	20160.7	20184.7	20175.1	20203.8			
G2.0	20142.8	20193.1	20173.9	20146.8	20194.3	20147.4	20227.6			
G3.0	20151.1	20152.9	20146.9	20153.5	20197.9	20141.4	20211.5			
G4.0	20130.8	20129.5	20149.9	20142.0	20175.1	20140.8	20185.3			
G5.0	20106.2	20120.5	20131.2	20127.6	20128.1	20129.4	20152.5			
G6.0	20043.9	20099.4	20109.6	20076.0	20093.8	20086.7	20145.4			
G7.0	19990.6	20058.0	20056.2	20024.9	20073.4	20021.8	20141.2			
G8.0	19969.0	19987.8	19995.5	19991.9	20039.7	19979.1	20095.9			
G9.0	19929.5	19932.0	19953.5	19961.8	19997.5	19947.8	20043.4			
G10.0	19868.4	19891.1	19911.5	19917.4	19919.3	19900.9	19990.4			
G11.0	19780.3	19830.5	19861.0	19829.7	19839.3	19829.4	19955.2			
G12.0	19691.0	19763.3	19775.8	19743.8	19792.9	19733.2	19918.9			
G13.0	19637.7	19663.0	19686.3	19682.5	19735.2	19658.1	19842.6			
G14.0	19553.2	19571.2	19606.4	19611.7	19669.0	19590.7	19751.4			
G15.0	19472.4	19498.5	19528.4	19537.2	19554.6	19515.0	19654.2			
G16.0	19352.5	19418.7	19447.9	19439.9	19454.7	19428.4	19584.5			
G17.0	19237.5	19329.3	19342.2	19328.7	19386.7	19313.6	19505.8			
G18.0	19152.4	19195.4	19215.5	19230.8	19295.3	19202.4	19399.1			
G19.0	19048.2	19075.3	19103.9	19142.5	19197.8	19120.6	19269.2			
G20.0	18939.1	18975.7	18999.4	19044.6	19090.1	19026.2	19155.9			
G21.0	18791.2	18854.4	18887.1	18922.1	18955.9	18915.6	19058.2			
G22.0	18639.6	18736.1	18757.4	18776.1	18841.5	18772.6	18949.7			
G23.0	18506.6	18572.3	18604.3	18641.6	18732.0	18631.9	18812.6			
G24.0	18364.6	18406.0	18456.0	18514.2	18598.4	18507.4	18671.9			
G25.0	18203.4	18260.7	18326.2	18369.5	18438.3	18370.4	18533.1			
G26.0	18025.5	18108.8	18182.7	18207.9	18256.6	18220.1	18411.4			
G27.0	17831.4	17941.9	18017.6	18020.5	18100.1	18031.9	18293.4			
G28.0	17661.8	17740.2	17824.3	17834.9	17929.2	17833.5	18128.3			
G29.0	17472.5	17532.5	17636.3	17664.9	17745.1	17652.6	17945.9			
G30.0	17273.6	17340.4	17450.8	17470.9	17537.5	17460.8	17776.1			
G31.0	17047.7	17127.3	17232.8	17264.3	17305.8	17263.0	17612.1			
G32.0	16797.9	16903.4	17018.4	17021.0	17080.1	17041.2	17426.2			
G33.0	16560.1	16648.9	16764.4	16784.9	16855.1	16804.3	17214.6			
G34.0	16297.1	16370.3	16502.6	16535.7	16626.4	16567.5	16983.9			
G35.0	16012.5	16090.0	16224.0	16268.4	16355.6	16321.6	16752.0			
G36.0	15686.0	15795.8	15931.6	15977.0	16023.4	16053.5	16540.4			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	15324.7	15459.7	15606.1	15614.2	15667.8	15741.5	16294.3			
G38.0	14937.7	15068.9	15219.4	15241.8	15326.0	15404.2	16015.9			
G39.0	14559.6	14639.7	14792.5	14845.4	14931.2	15032.7	15715.5			
G40.0	14131.3	14181.6	14359.0	14393.1	14494.9	14644.4	15397.8			
G41.0	13681.9	13711.6	13845.6	13904.1	14025.5	14218.7	15073.6			
G42.0	13217.0	13222.3	13318.4	13378.0	13550.1	13761.3	14719.5			
G43.0	12761.7	12694.1	12743.1	12826.6	13082.0	13238.2	14305.3			
G44.0	12320.1	12144.2	12128.2	12275.2	12621.6	12724.8	13842.1			
G45.0	11863.6	11614.1	11510.9	11751.4	12179.9	12236.1	13343.2			
G46.0	11421.5	11085.8	10913.5	11204.8	11699.1	11729.3	12837.8			
G47.0	10975.1	10543.2	10323.8	10644.4	11248.9	11202.7	12311.5			
G48.0	10521.0	10032.9	9739.0	10120.6	10829.5	10698.3	11741.6			
G49.0	10096.2	9511.2	9188.9	9619.0	10397.4	10205.4	11154.5			
G50.0	9655.9	9017.2	8678.5	9137.9	9941.9	9702.2	10565.0			
G51.0	9220.9	8545.4	8219.2	8661.6	9498.4	9244.1	10008.3			
G52.0	8747.6	8102.3	7768.2	8220.1	9039.2	8788.4	9446.2			
G53.0	8303.1	7661.1	7362.3	7772.0	8575.9	8323.1	8915.7			
G54.0	7863.4	7238.5	6960.6	7355.1	8128.2	7869.8	8409.1			
G55.0	7410.4	6870.5	6591.9	6965.9	7696.1	7449.0	7951.9			
G56.0	6983.2	6487.5	6247.9	6590.5	7252.0	7038.4	7522.2			
G57.0	6569.3	6127.9	5926.0	6221.7	6815.7	6629.6	7099.6			
G58.0	6160.1	5797.2	5598.2	5879.3	6425.7	6250.9	6721.1			
G59.0	5800.6	5471.8	5280.5	5549.5	6043.6	5876.4	6364.6			
G60.0	5422.0	5141.0	4983.9	5233.6	5657.3	5529.5	6026.1			
G61.0	5075.7	4849.3	4694.5	4935.0	5298.0	5210.3	5720.3			
G62.0	4730.6	4563.5	4393.0	4644.3	4948.4	4914.5	5428.2			
G63.0	4405.3	4274.8	4114.4	4345.8	4609.0	4614.5	5132.0			
G64.0	4101.5	3986.6	3850.2	4058.7	4299.1	4323.6	4851.9			
G65.0	3827.7	3721.9	3571.0	3802.2	4011.4	4053.7	4577.7			
G66.0	3552.1	3465.6	3324.2	3552.3	3738.8	3793.3	4309.5			
G67.0	3320.9	3233.2	3082.8	3316.9	3468.6	3539.7	4054.9			
G68.0	3092.0	3019.5	2864.2	3097.0	3246.6	3322.0	3789.7			
G69.0	2887.7	2808.8	2663.1	2883.2	3045.0	3096.6	3519.1			
G70.0	2700.8	2603.5	2493.7	2682.0	2839.8	2885.0	3272.9			
G71.0	2518.7	2419.2	2342.4	2495.8	2646.0	2697.4	3039.3			
G72.0	2353.9	2249.3	2192.3	2321.0	2471.5	2517.7	2828.3			
G73.0	2194.6	2092.1	2056.6	2157.6	2312.6	2341.5	2632.8			

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 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	2064.5	1952.2	1934.1	2013.4	2171.2	2180.4	2461.1			
G75.0	1919.0	1821.3	1808.0	1883.7	2034.0	2040.4	2300.2			
G76.0	1780.6	1709.7	1711.3	1752.7	1892.6	1908.1	2149.4			
G77.0	1652.3	1568.6	1566.6	1630.2	1750.6	1768.0	2001.5			
G78.0	1509.2	1438.9	1434.5	1493.9	1620.6	1646.6	1872.8			
G79.0	1369.0	1299.1	1289.2	1359.9	1481.6	1508.9	1729.1			
G80.0	1231.2	1138.8	1141.5	1212.7	1343.8	1367.7	1604.0			
G81.0	1085.0	989.3	970.4	1057.8	1202.3	1224.6	1474.6			
G82.0	923.2	809.2	782.4	893.8	1059.1	1084.5	1332.8			
G83.0	756.1	617.7	586.7	709.4	896.0	933.0	1189.1			
G84.0	563.8	416.6	394.5	507.6	720.3	773.7	1046.1			
G85.0	364.3	231.7	217.4	311.1	530.2	615.6	898.2			
G86.0	160.6	101.4	96.7	149.6	316.5	450.3	748.0			
G87.0	43.1	36.6	45.6	54.1	119.8	282.5	597.2			
G88.0	13.2	16.8	23.4	21.6	30.7	106.4	436.9			
G89.0	3.6	8.4	13.8	9.0	9.0	13.8	283.1			
G90.0	4.2	0.6	10.8	6.0	5.4	8.4	140.7			
G91.0	3.0	8.4	13.8	4.2	4.2	7.8	37.0			
G92.0	6.0	6.0	12.6	6.0	6.6	8.4	6.0			
G93.0	6.0	6.0	12.6	6.6	6.0	8.4	7.1			
G94.0	6.6	8.4	13.2	7.8	6.0	7.8	6.6			
G95.0	7.2	9.6	14.4	7.8	6.0	8.4	7.1			
G96.0	6.0	8.4	13.8	8.4	7.8	8.4	7.1			
G97.0	7.8	9.0	14.4	7.2	6.6	11.4	9.5			
G98.0	6.6	9.6	15.0	9.0	8.4	10.8	7.1			
G99.0	8.4	7.8	14.4	6.6	5.4	11.4	7.7			
G100.0	7.2	7.8	16.2	8.4	10.2	12.6	8.9			
G101.0	11.4	10.8	16.8	9.0	9.0	9.0	8.9			
G102.0	9.6	10.2	17.4	9.0	9.6	12.0	10.7			
G103.0	10.8	9.6	16.8	10.8	9.6	11.4	10.1			
G104.0	10.8	11.4	16.2	12.0	12.0	13.2	9.5			
G105.0	10.2	12.6	19.2	13.2	10.2	15.0	11.9			
G106.0	10.8	13.2	19.8	13.2	12.0	14.4	10.1			
G107.0	14.4	12.6	19.8	14.4	12.6	15.0	13.1			
G108.0	15.0	15.6	19.2	15.0	12.6	16.8	10.7			
G109.0	15.0	16.2	21.0	15.6	10.8	17.4	12.5			
G110.0	15.0	16.8	22.8	15.6	14.4	18.6	14.9			

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 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	17.4	18.0	22.8	16.2	17.4	16.2	15.5			
G112.0	16.8	18.0	21.6	17.4	16.8	19.8	14.9			
G113.0	16.8	18.0	24.6	17.4	19.3	21.0	17.3			
G114.0	18.6	19.2	22.8	18.0	18.1	20.4	16.7			
G115.0	21.0	21.0	27.0	18.6	18.1	19.8	17.9			
G116.0	22.8	21.6	26.4	19.2	20.5	22.8	20.9			
G117.0	22.8	22.8	26.4	21.6	22.9	24.7	23.2			
G118.0	22.2	25.2	28.2	21.0	21.1	25.3	22.1			
G119.0	23.4	27.0	28.2	21.6	24.1	26.4	23.8			
G120.0	24.0	27.0	30.6	23.4	22.3	26.4	23.2			
G121.0	27.6	28.2	31.2	23.4	25.3	28.3	26.2			
G122.0	27.0	27.0	34.2	28.2	27.1	29.5	26.8			
G123.0	27.0	28.8	34.2	28.2	25.9	30.1	27.4			
G124.0	28.2	30.6	34.8	29.4	28.3	33.1	26.8			
G125.0	28.8	32.4	36.6	30.6	29.5	33.7	29.8			
G126.0	32.4	33.0	38.4	32.4	30.7	32.5	29.8			
G127.0	32.4	33.6	37.8	33.6	30.7	33.7	32.8			
G128.0	34.8	35.4	38.4	33.6	32.5	34.3	31.0			
G129.0	34.8	37.2	40.8	36.6	34.3	34.3	35.2			
G130.0	36.6	36.6	42.0	36.0	33.1	35.5	36.4			
G131.0	37.7	37.8	41.4	35.4	33.7	39.7	34.6			
G132.0	38.3	38.4	45.6	37.8	36.1	40.3	35.8			
G133.0	41.3	39.6	45.0	36.6	37.3	41.5	38.1			
G134.0	40.7	42.0	45.6	39.6	37.3	43.3	40.5			
G135.0	42.5	41.4	46.2	40.8	39.7	43.9	41.7			
G136.0	40.1	42.0	48.0	42.6	43.3	43.3	42.9			
G137.0	43.1	43.8	49.8	41.4	41.5	45.1	42.9			
G138.0	44.3	45.6	51.6	43.2	43.9	48.1	42.9			
G139.0	43.7	48.0	51.6	45.7	45.1	47.5	44.1			
G140.0	44.3	46.8	51.6	44.5	46.3	49.3	46.5			
G141.0	46.1	48.0	51.6	46.3	45.7	49.3	44.7			
G142.0	48.5	50.4	52.8	49.3	48.1	51.7	48.3			
G143.0	50.3	51.0	54.0	48.6	47.5	50.5	47.1			
G144.0	50.3	51.0	55.2	49.9	49.9	53.5	48.3			
G145.0	51.5	52.8	58.2	53.5	49.3	54.7	51.3			
G146.0	53.3	51.0	58.8	52.9	49.9	54.7	51.9			
G147.0	54.5	53.4	60.0	52.9	51.8	55.3	50.1			

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 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	54.5	53.4	59.4	54.7	52.4	56.5	55.4			
G149.0	54.5	55.8	60.6	54.7	52.4	55.3	54.2			
G150.0	57.5	57.6	61.8	54.1	55.4	58.9	54.2			
G151.0	55.7	58.2	62.4	55.3	57.2	58.9	55.4			
G152.0	56.9	60.0	63.6	57.1	56.0	59.5	56.6			
G153.0	58.1	57.6	64.3	60.1	58.4	60.1	57.8			
G154.0	59.9	61.2	67.3	60.1	60.2	62.5	59.6			
G155.0	58.7	60.6	68.5	59.5	59.0	60.1	60.2			
G156.0	59.3	61.8	66.7	61.9	60.2	62.5	59.6			
G157.0	59.3	60.6	68.5	61.9	60.2	63.7	60.8			
G158.0	62.3	62.4	69.7	61.3	61.4	63.7	62.0			
G159.0	61.1	64.2	69.0	64.3	62.0	64.9	63.2			
G160.0	62.9	62.4	72.1	62.5	62.0	65.5	63.2			
G161.0	61.1	65.4	71.5	63.7	63.2	64.9	63.8			
G162.0	64.1	66.0	71.5	64.9	65.6	65.5	66.2			
G163.0	65.3	66.6	70.9	64.9	63.8	68.5	66.2			
G164.0	64.7	66.6	72.1	65.5	63.2	67.9	64.4			
G165.0	65.3	68.4	71.5	66.1	64.4	68.5	66.8			
G166.0	64.7	68.4	73.9	69.1	64.4	69.1	67.4			
G167.0	64.7	69.0	74.5	68.5	67.4	68.5	66.2			
G168.0	66.5	69.0	74.5	68.5	66.8	68.5	66.8			
G169.0	65.3	69.0	75.7	70.3	67.4	69.7	69.1			
G170.0	67.7	71.4	74.5	67.9	68.0	70.3	66.8			
G171.0	65.9	69.6	73.3	69.1	68.0	72.1	68.5			
G172.0	67.7	70.2	73.3	67.9	68.0	70.9	67.4			
G173.0	66.5	70.8	77.5	69.1	67.4	70.9	69.1			
G174.0	67.1	69.0	76.3	70.3	69.8	70.9	68.0			
G175.0	67.7	70.8	77.5	69.1	69.8	71.5	70.3			
G176.0	70.7	73.8	77.5	69.1	71.0	72.1	71.5			
G177.0	66.5	70.8	78.1	71.5	67.4	72.7	71.5			
G178.0	68.3	70.8	75.7	70.9	67.4	72.1	70.3			
G179.0	69.5	69.0	75.7	69.1	69.8	73.3	70.9			
G180.0	70.1	72.6	76.3	70.9	70.4	73.3	70.9			

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: