

Report No.:

Test Time: 2023/12/1 星期五 08:48

Luminaire Property

Luminaire Manufacturer:

Voltage: 120.0 V

Power: 69.95 W

Current: 0.589 A

Power Factor: 0.990

Photometric Results

CIE Class: Direct

Measurement Flux: 9971.4 lm

Downward Ratio: 94%

Horizontal Diffuse Angle(10%,50%): H167.6,H130.2

Vertical Diffuse Angle(10%,50%): V124.1,V78.8

Luminaire Efficacy Rating (LER): 142.60

Max. Intensity: 5899.13 cd

S/MH(C0/C180): 1.23

Total Rated Lamp Lumens: 9971.4 lm

Efficiency: 100%

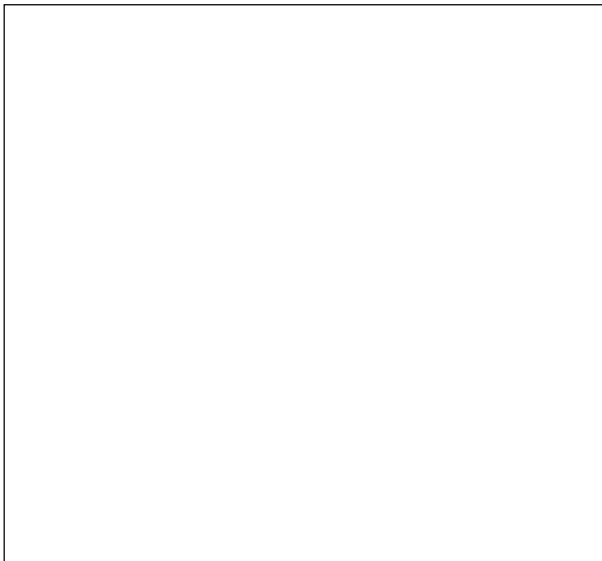
Upward Ratio: 6%

Central Intensity: 2185.56 cd

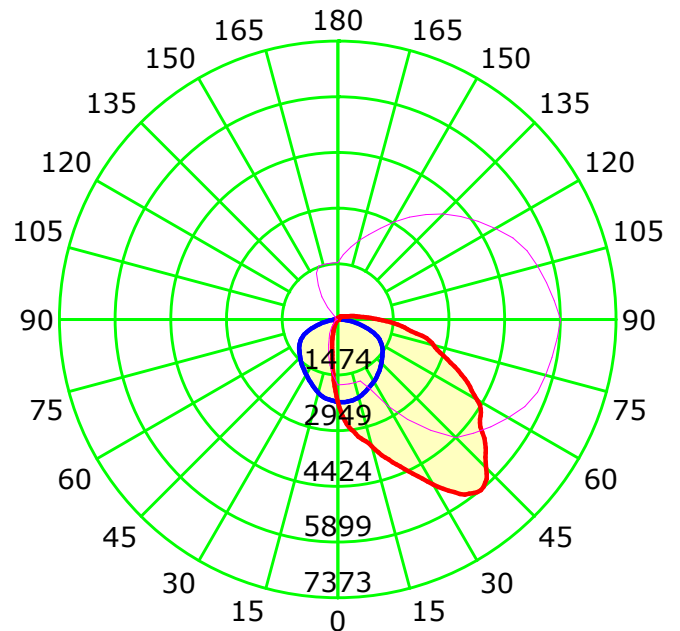
Pos of Max. Intensity: H90 V40

S/MH(C90/C270): 1.90

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 104.2°

— C0-C180 — C90-C270 — G40

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

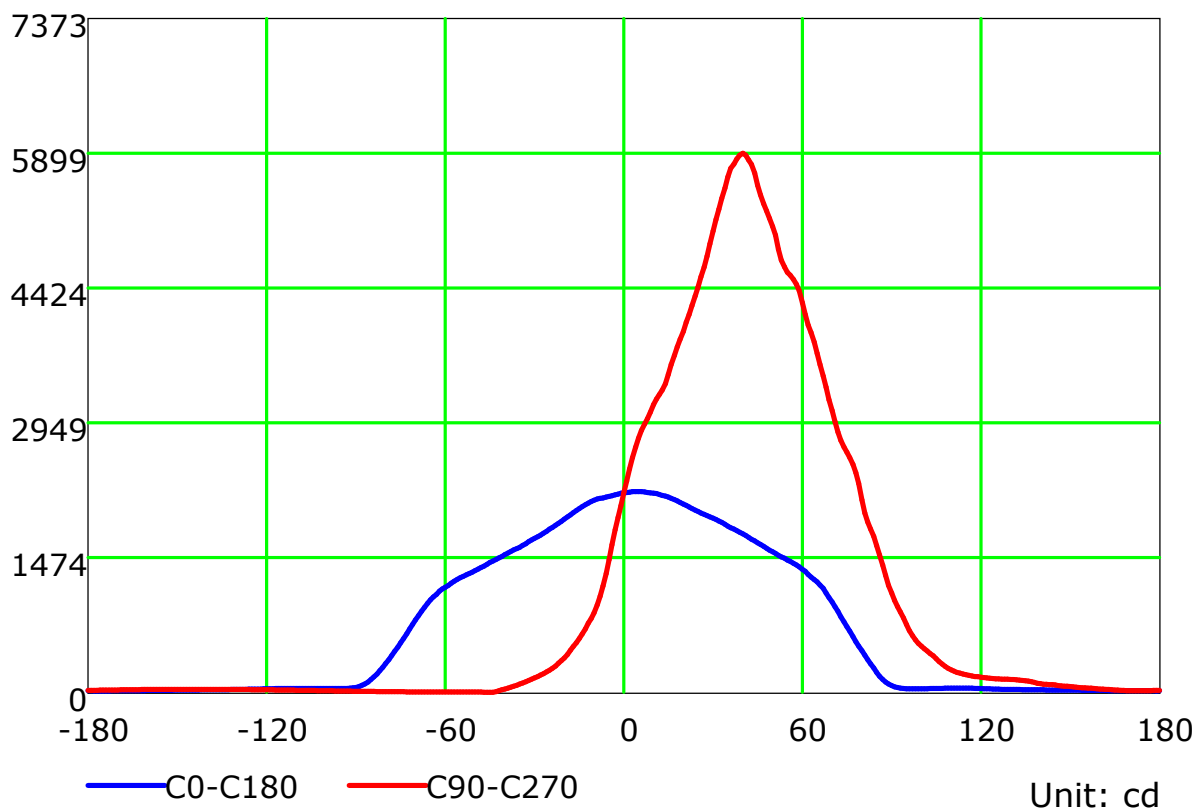
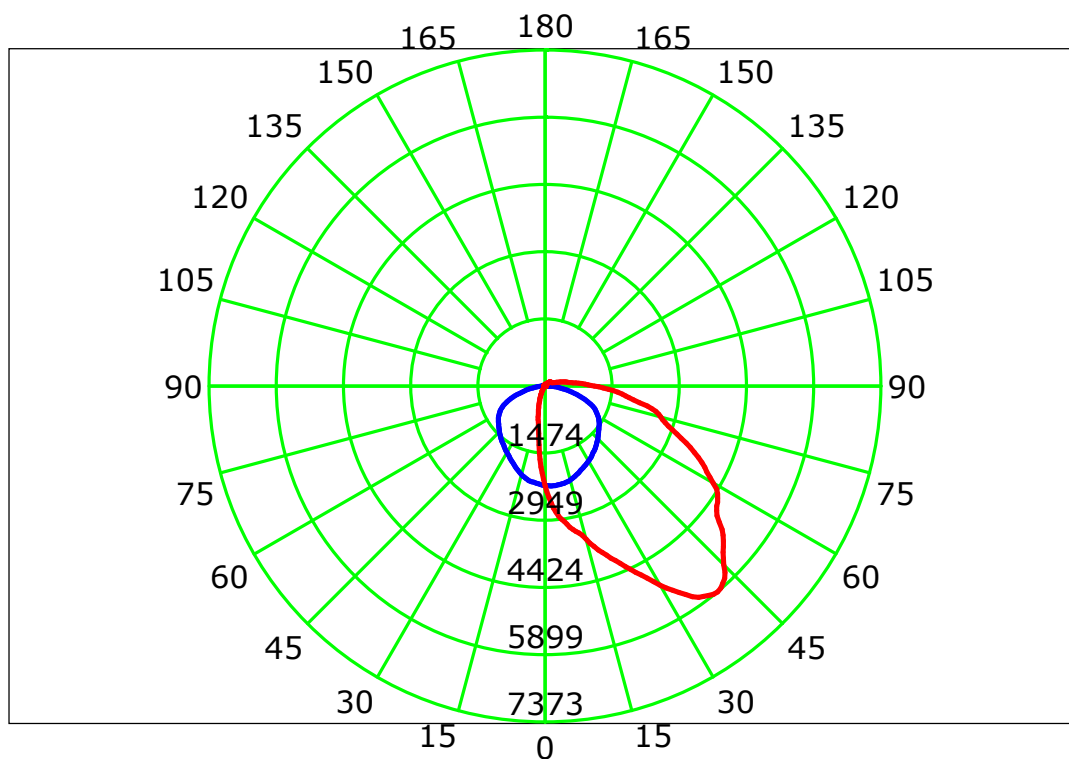
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

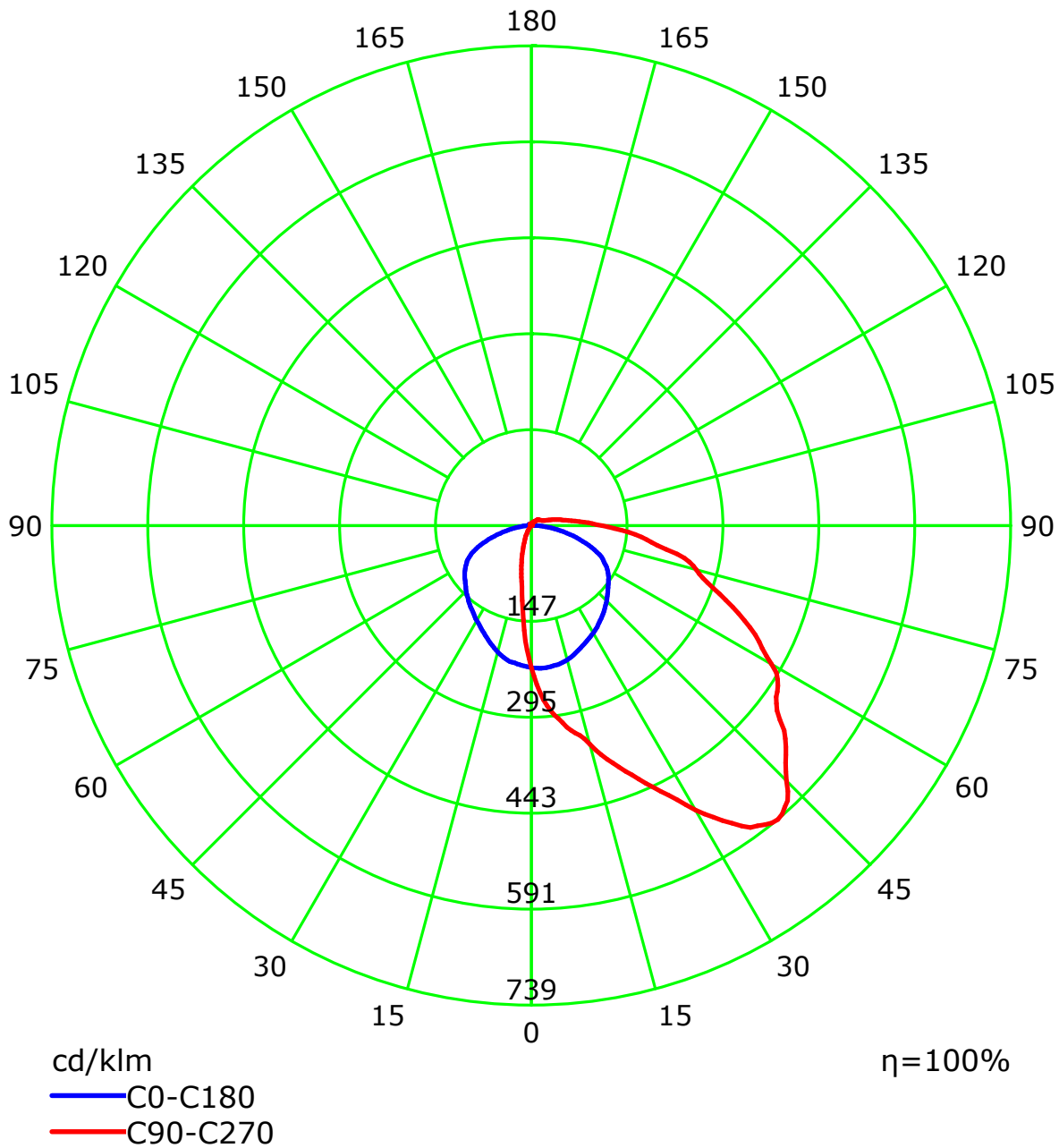
Luminous Intensity Distribution Curve



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:

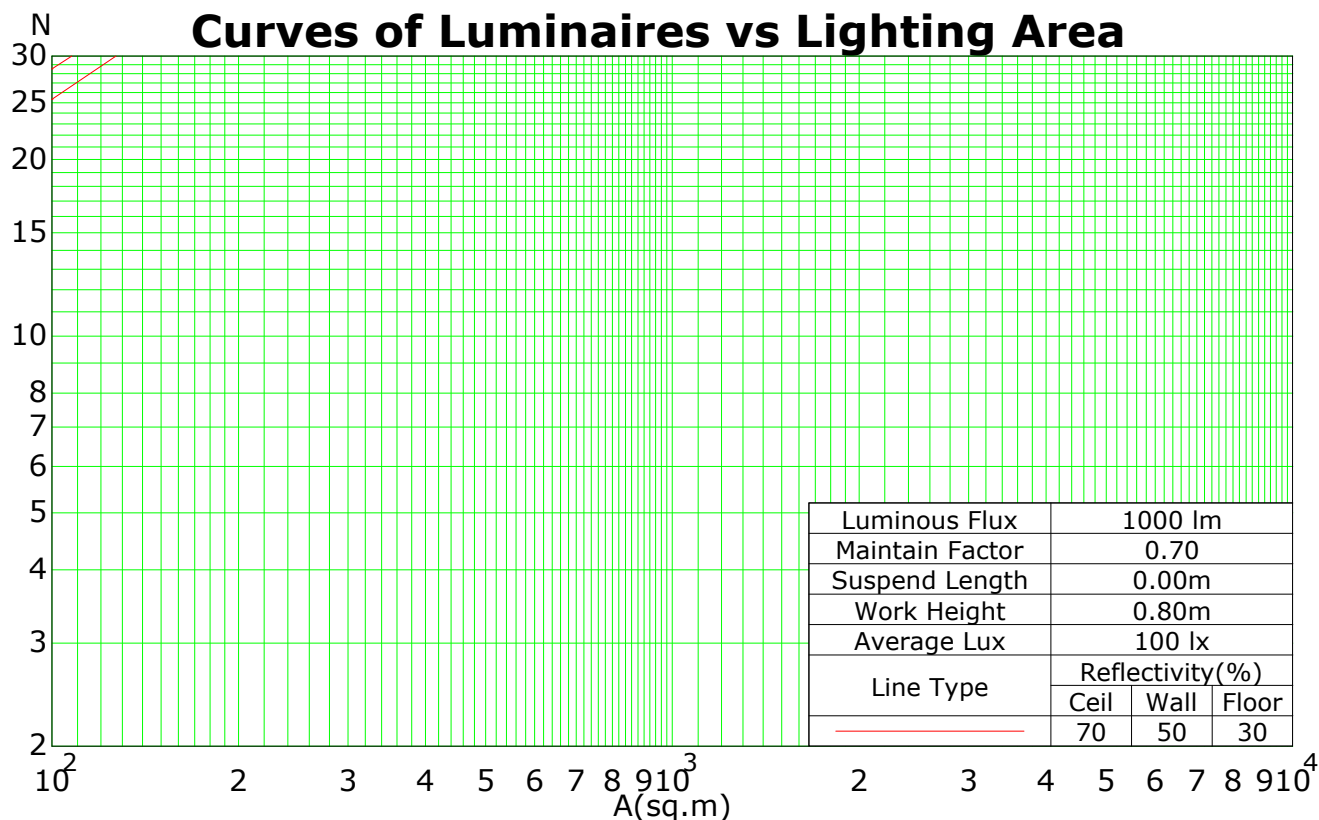
Coefficients Of Utilization - Zonal Cavity Method

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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	96	96	96	94
1	105	99	94	89	101	96	91	87	90	86	83	85	82	79	81	78	76	73
2	94	84	76	70	90	82	74	68	77	71	66	73	68	63	69	65	61	58
3	85	73	63	56	81	71	62	55	67	59	53	63	57	52	59	54	50	47
4	77	63	54	46	74	62	53	46	58	50	44	55	48	43	52	46	42	39
5	70	56	46	39	67	54	45	38	52	44	37	49	42	36	46	40	35	33
6	64	50	40	33	62	49	39	33	46	38	32	44	37	31	42	35	30	28
7	59	45	35	29	57	44	35	28	42	34	28	40	32	27	38	31	27	24
8	55	41	32	25	53	40	31	25	38	30	24	36	29	24	34	28	23	21
9	51	37	28	22	49	36	28	22	35	27	22	33	26	21	32	25	21	19
10	48	34	26	20	46	33	25	20	32	24	19	30	24	19	29	23	19	17

Spacing Criteria (0-180): 1.23

Spacing Criteria (90-270): 1.90

Spacing Criteria (Diagonal): 1.67



C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

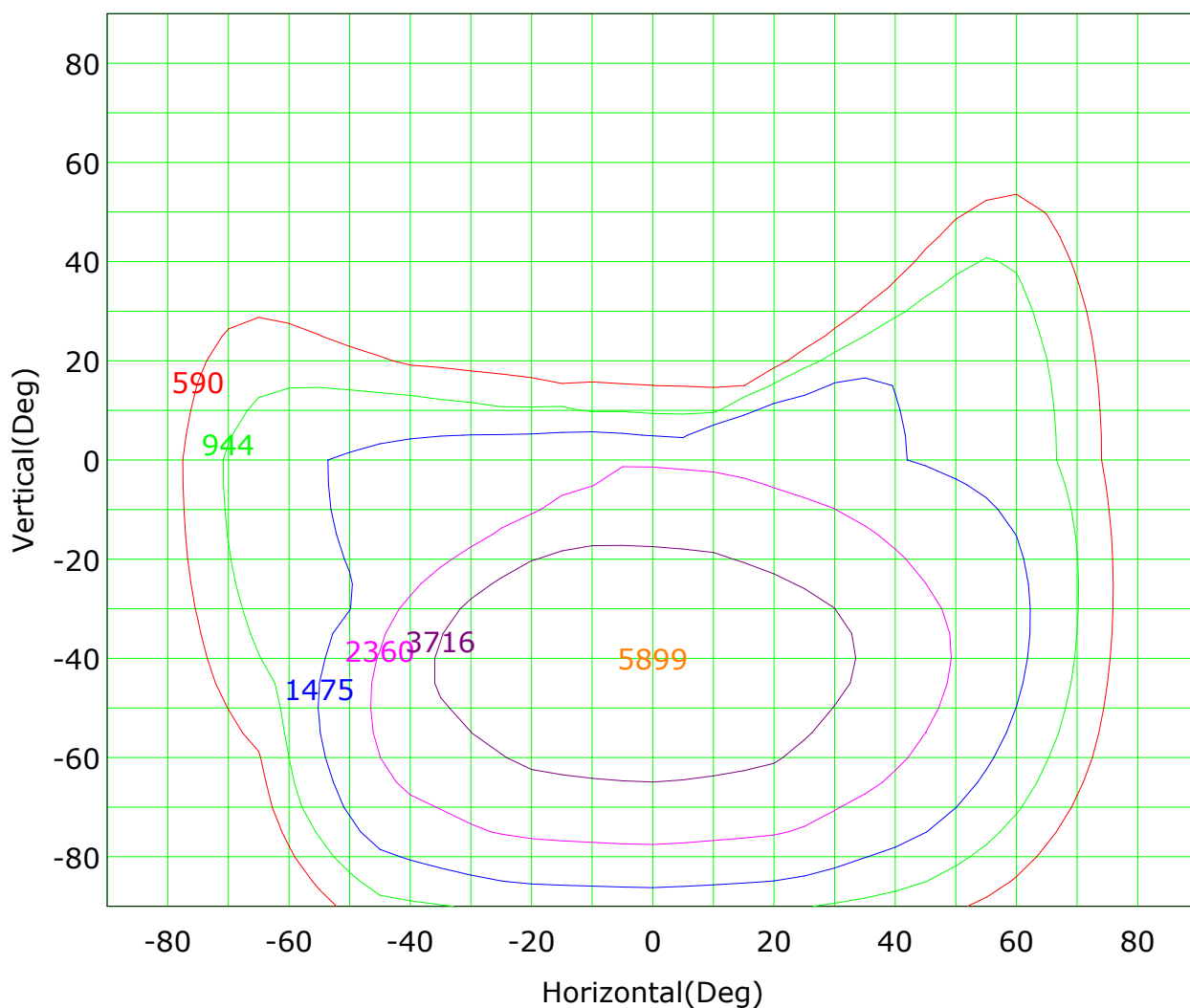
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Isocandela (rectangle)



I_{max} (100%): 5899 cd

(10%): 590 cd	(16%): 944 cd
(25%): 1475 cd	(40%): 2360 cd
(63%): 3716 cd	(100%): 5899 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

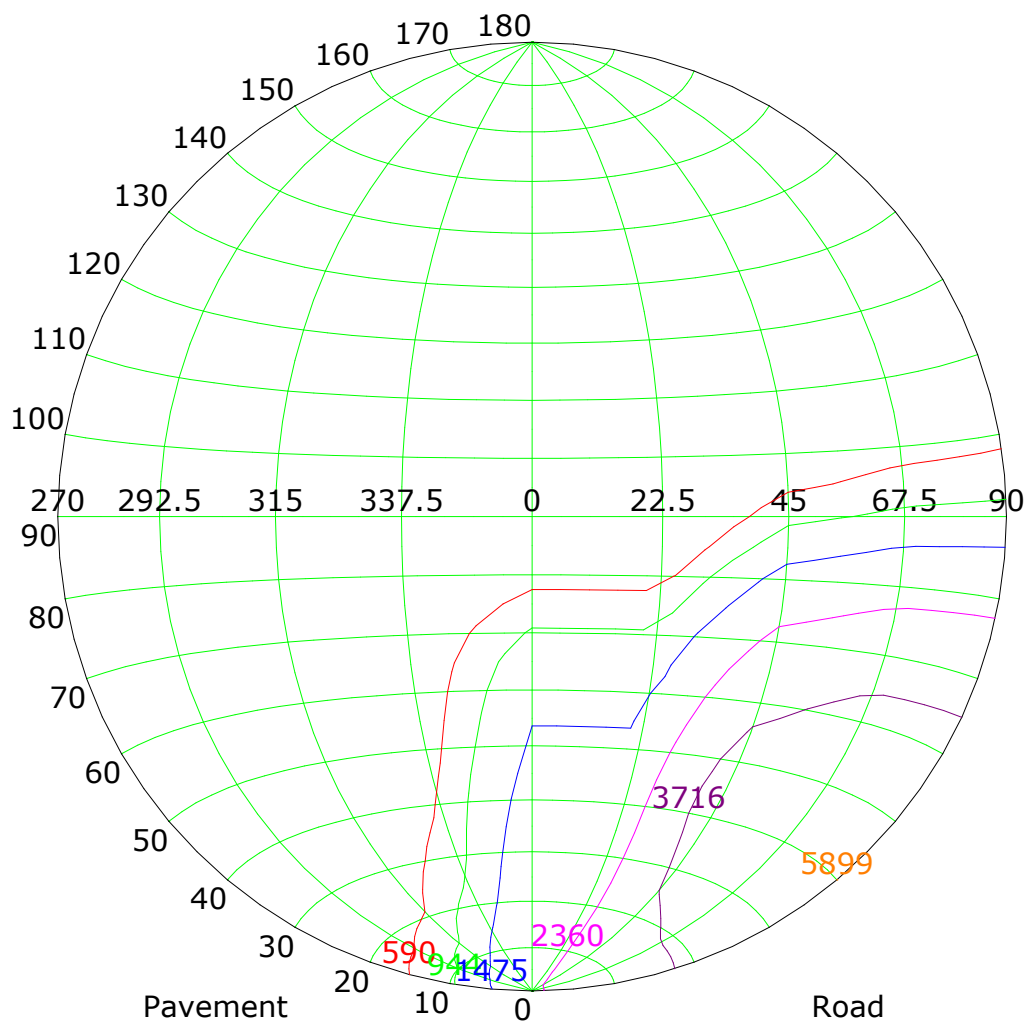
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Isocandela (sphere)



Imax (100%): 5899 cd

(10%): 590 cd	(16%): 944 cd
(25%): 1475 cd	(40%): 2360 cd
(63%): 3716 cd	(100%): 5899 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

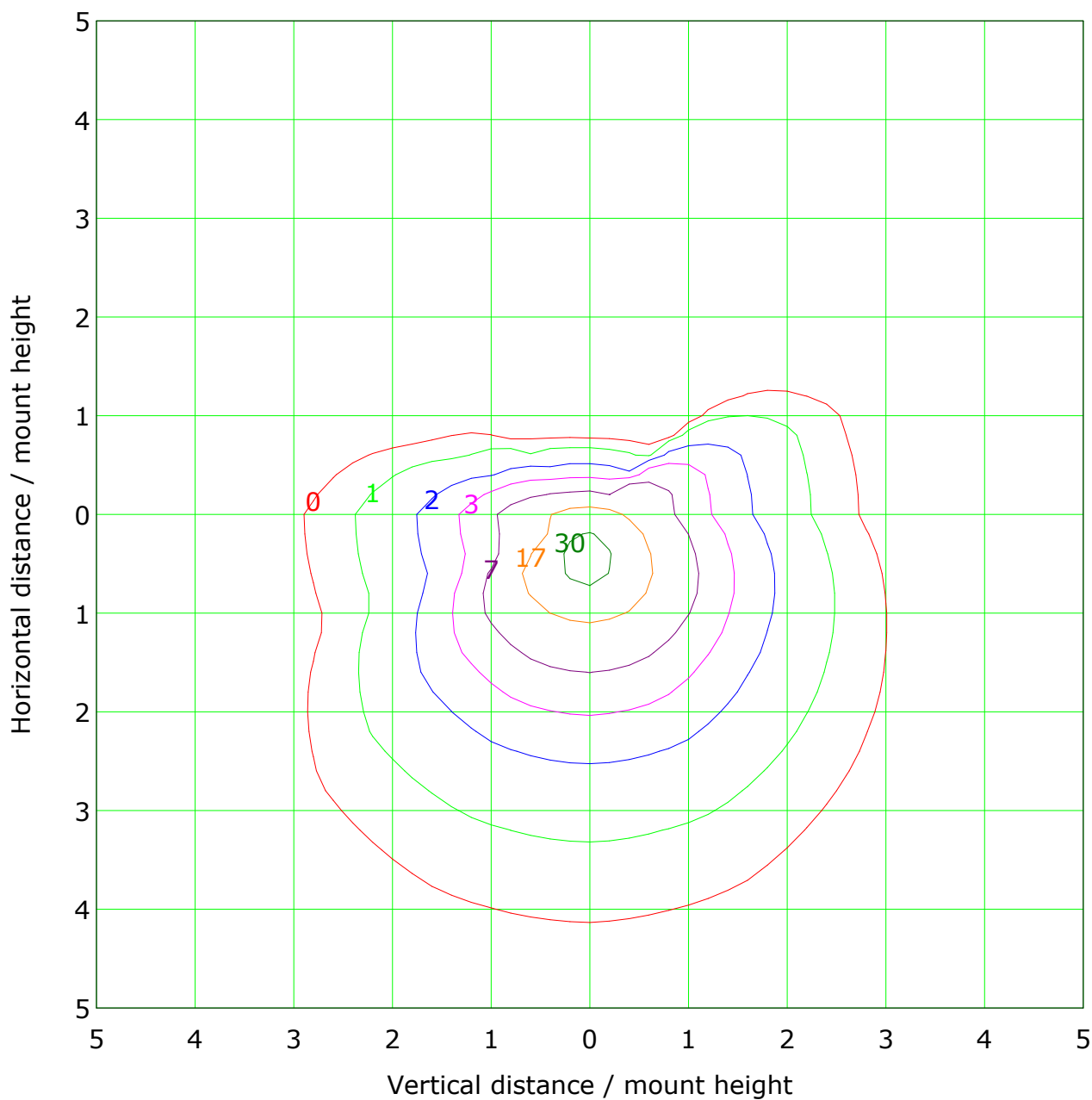
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

IsoLux Plot



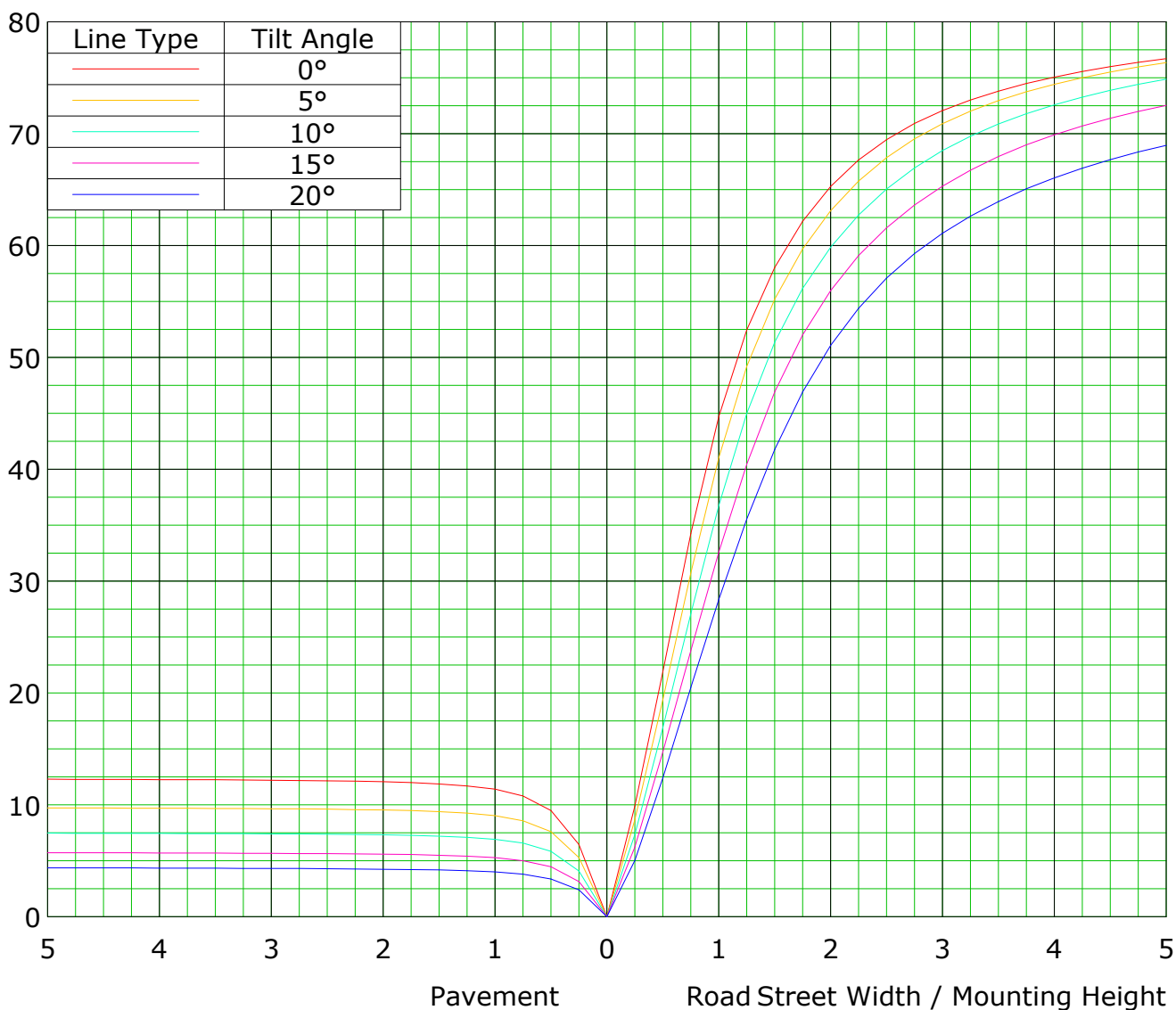
Mounting Height: 10.0m Max Lux(100%): 33.1 lx	
(1%): 0.3 lx	(2%): 0.7 lx
(5%): 1.7 lx	(10%): 3.3 lx
(20%): 6.6 lx	(50%): 16.5 lx
(90%): 29.8 lx	(100%): 33.1 lx

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:

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

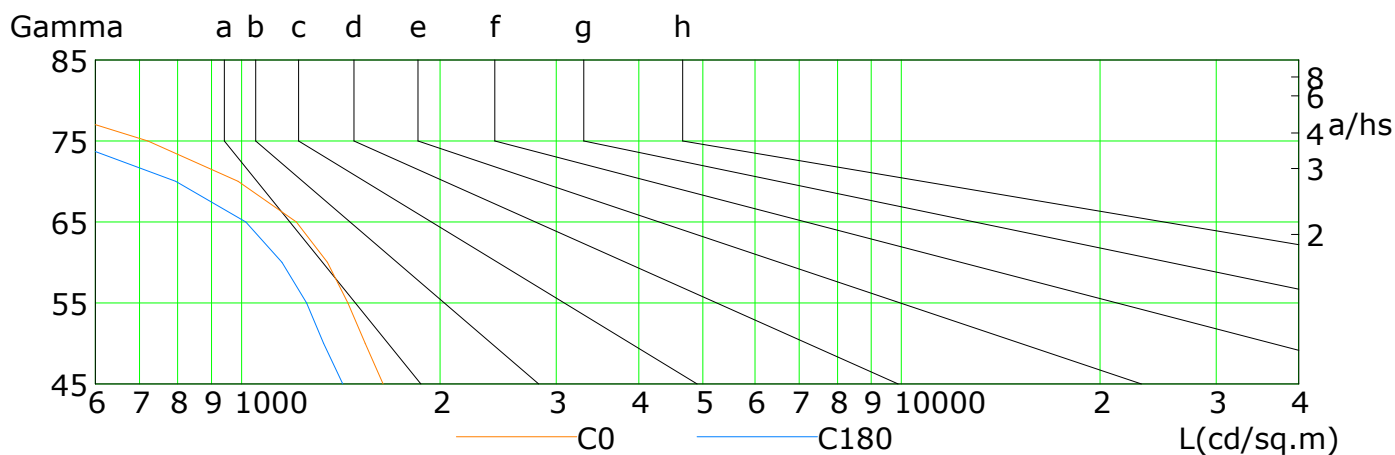
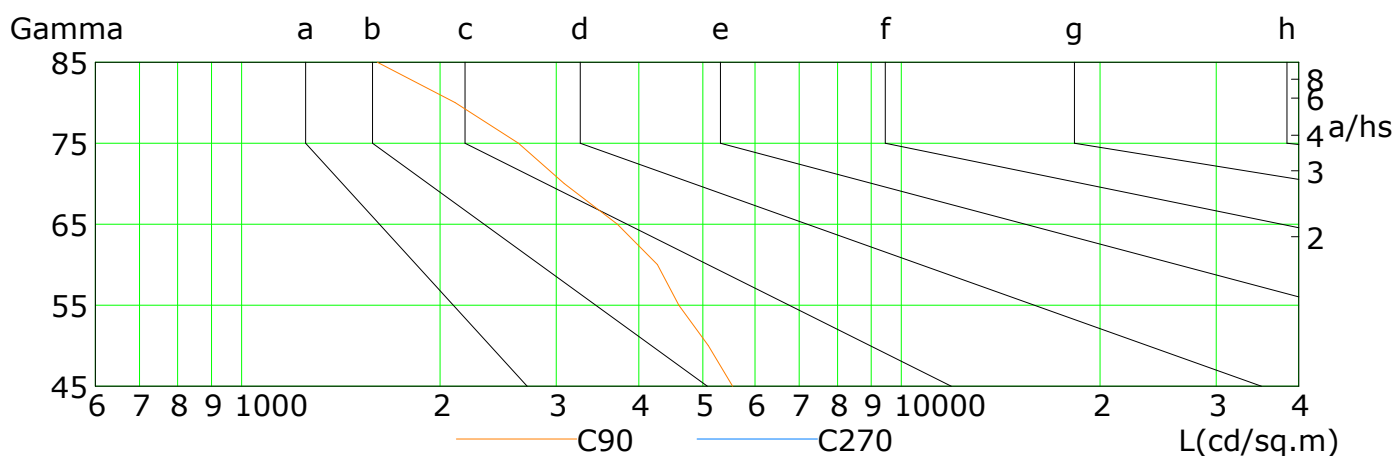
Humidity:

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	1639	1539	1449	1348	1211	988	721	458	220
C90	5551	5099	4597	4265	3713	3085	2629	2107	1606
C180	1423	1332	1255	1151	1015	795	543	318	141
C270	3	4	4	5	6	6	8	9	11

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

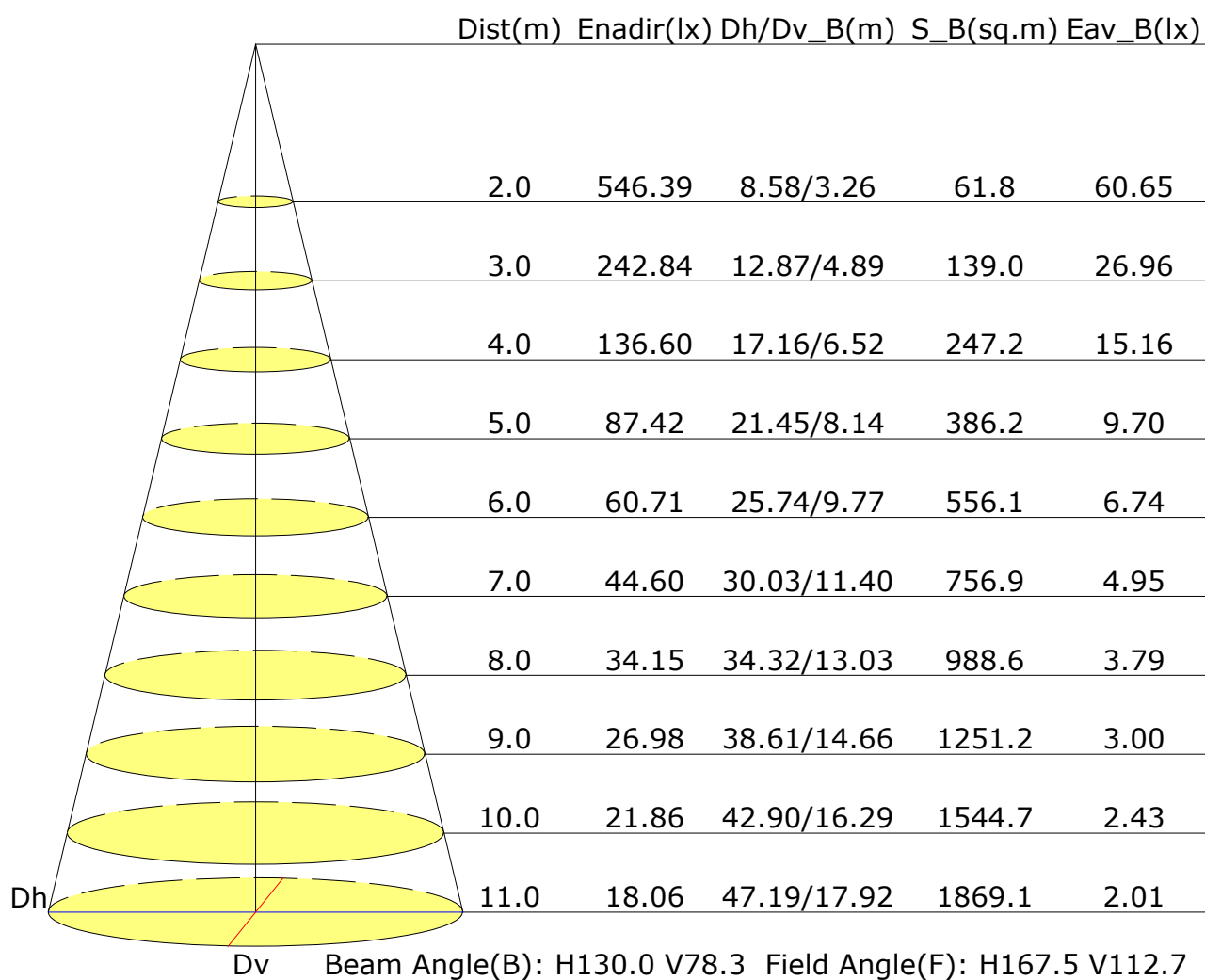
Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

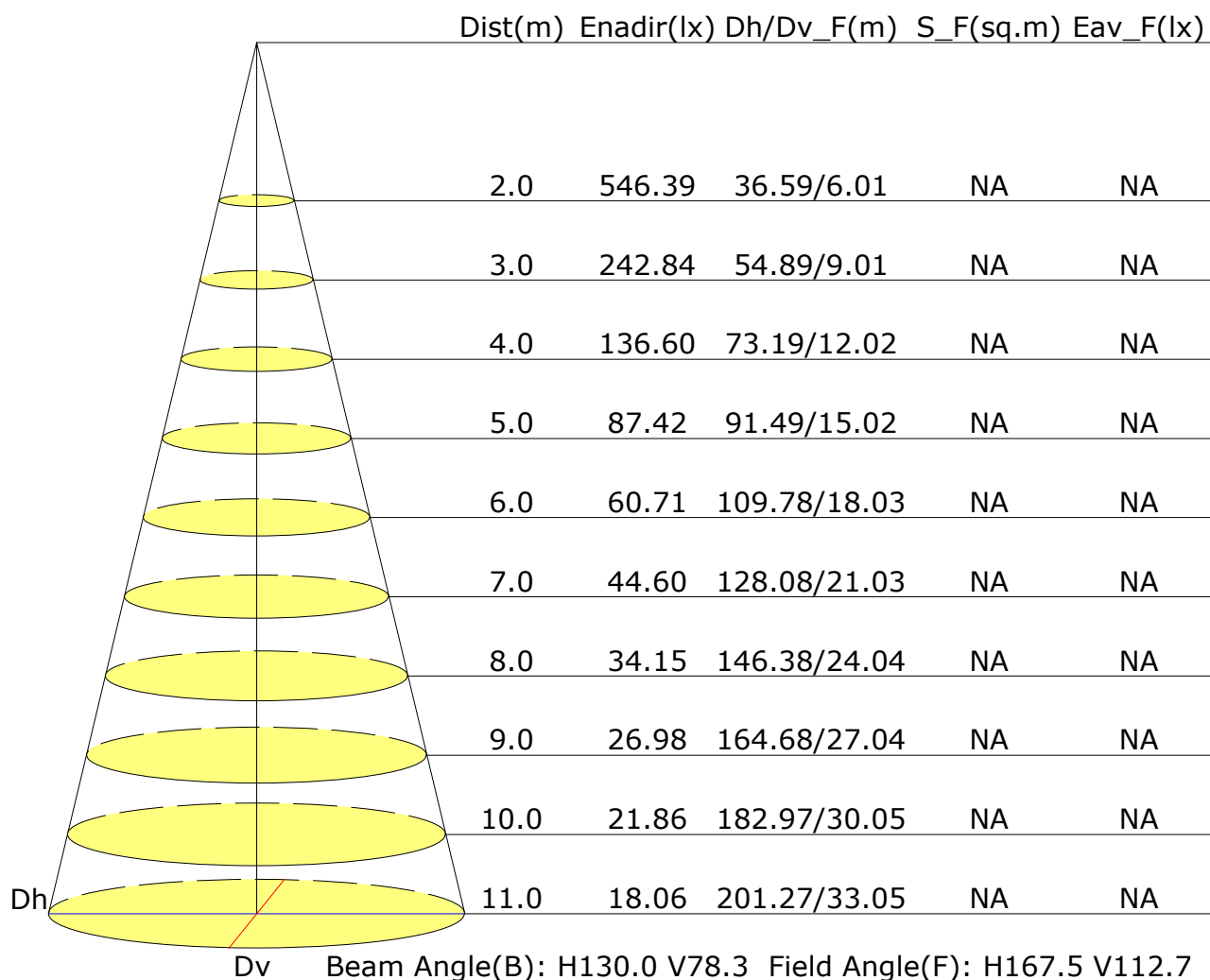
Illuminance at a Distance(Beam Angle)



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

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

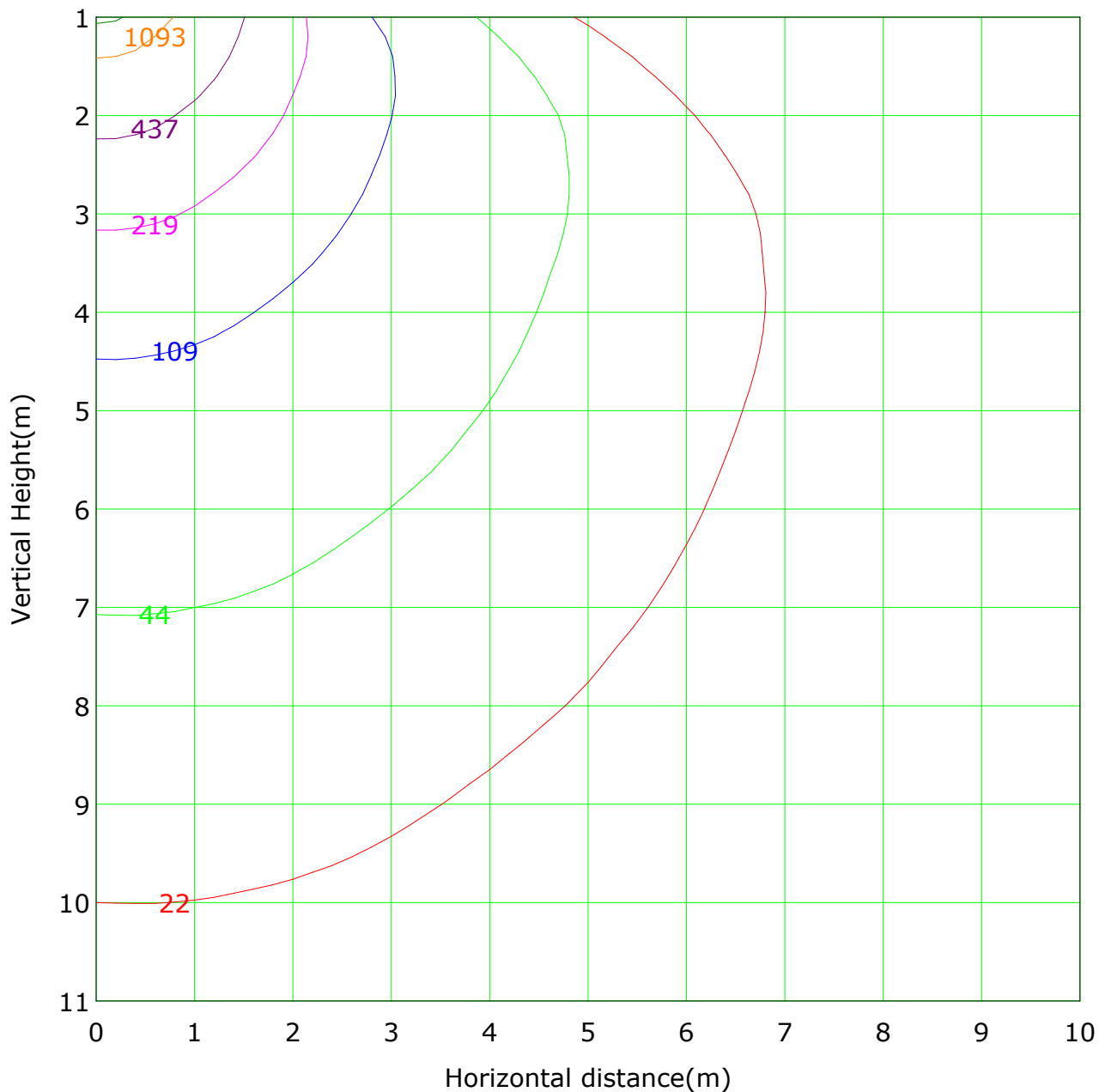
Illuminance at a Distance(Field Angle)



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

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

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 2185.6 lx

(1%): 21.9 lx	(2%): 43.7 lx
(5%): 109.3 lx	(10%): 218.6 lx
(20%): 437.1 lx	(50%): 1092.8 lx
(90%): 1967.0 lx	(100%): 2185.6 lx

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

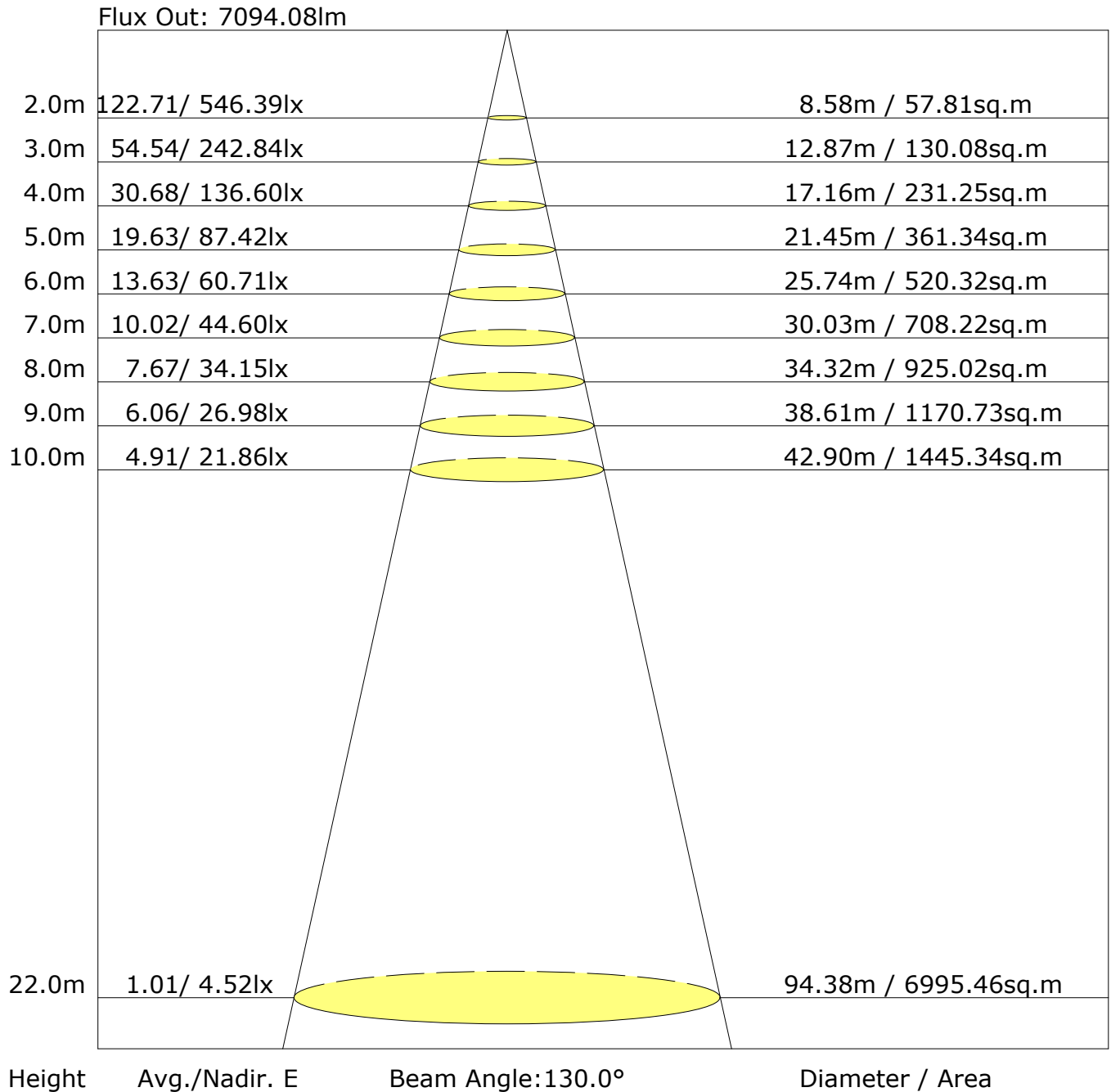
Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1800B
Distance: 8.190 m
Humidity:
Inspector:

Area Flux Table

Unit: lm

Vertical plane	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
Flux(T)	0.2	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.7	0.8	0.9	1.1	1.3	1.6	2.0
Flux(E)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	0.6	0.9	1.5	2.2	3.0	3.4	3.9	4.3	4.5	4.8	5.2	5.4	5.6	5.8	6.0	6.3	6.7	7.1	7.6
	1.0	2.1	4.0	6.3	8.6	10.4	11.7	12.5	12.9	14.0	15.8	16.7	17.6	18.6	19.6	20.6	21.6	22.6	23.6
	0.9	2.3	4.9	8.8	13.8	18.5	20.6	21.4	21.8	24.5	29.1	32.6	34.3	35.4	36.5	37.6	38.7	39.8	40.9
	0.5	0.9	2.1	5.3	10.7	18.2	23.4	29.9	30.5	35.4	44.0	51.5	57.2	61.3	64.8	67.8	70.3	72.4	74.5
	0.3	0.2	0.3	0.5	2.2	9.5	11.5	35.2	48.9	59.8	79.8	100.4	118.8	127.1	130.0	133.5	136.5	139.1	141.7
	0.3	0.2	0.1	0.2	0.3	2.5	7.1	21.4	54.3	72.4	95.2	120.8	146.6	163.2	170.0	173.5	176.5	179.1	181.7
	0.3	0.2	0.2	0.1	0.4	2.9	7.6	18.0	46.8	80.7	106.9	132.7	163.2	193.8	210.0	216.5	221.5	226.1	230.7
	0.3	0.2	0.2	0.1	0.4	3.0	7.9	18.8	46.3	80.3	109.1	135.1	166.9	198.0	214.0	220.5	225.5	230.1	234.7
	0.3	0.2	0.3	0.3	0.9	3.1	8.4	19.4	41.0	69.5	97.1	128.2	160.0	191.0	207.0	213.5	218.5	223.1	227.7
	0.4	0.4	0.5	0.6	1.3	3.1	9.6	19.2	36.4	54.5	69.5	84.1	99.0	114.0	129.0	144.0	159.0	174.0	189.0
	0.5	0.6	1.0	1.7	3.4	5.4	10.3	16.1	22.3	25.3	24.9	24.0	23.1	22.2	21.3	20.4	19.5	18.6	17.7
	0.8	1.1	1.6	2.3	3.7	5.6	8.5	11.3	14.1	15.4	15.1	14.3	13.4	12.5	11.6	10.7	9.8	8.9	8.0
	0.6	0.9	1.3	1.8	2.4	3.2	4.0	4.8	5.6	5.9	5.7	5.3	4.9	4.5	4.1	3.7	3.3	2.9	2.5
	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.7	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.5	0.5	0.4	0.4
	8.7	12.5	20.3	33.5	55.7	102.4	180.3	308.7	501.1	667.9	836.7	1056.2	1264.7	1473.2	1679.7	1886.2	2092.7	2299.2	2505.7
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
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	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
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	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
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	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4	1260.4	1468.4	1676.4	1884.4	2092.4	2299.4	2505.4
	0.0	0.0	0.0	3.2	24.7	49.2	103.2	270.2	496.9	663.9	833.1	1052.4							

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

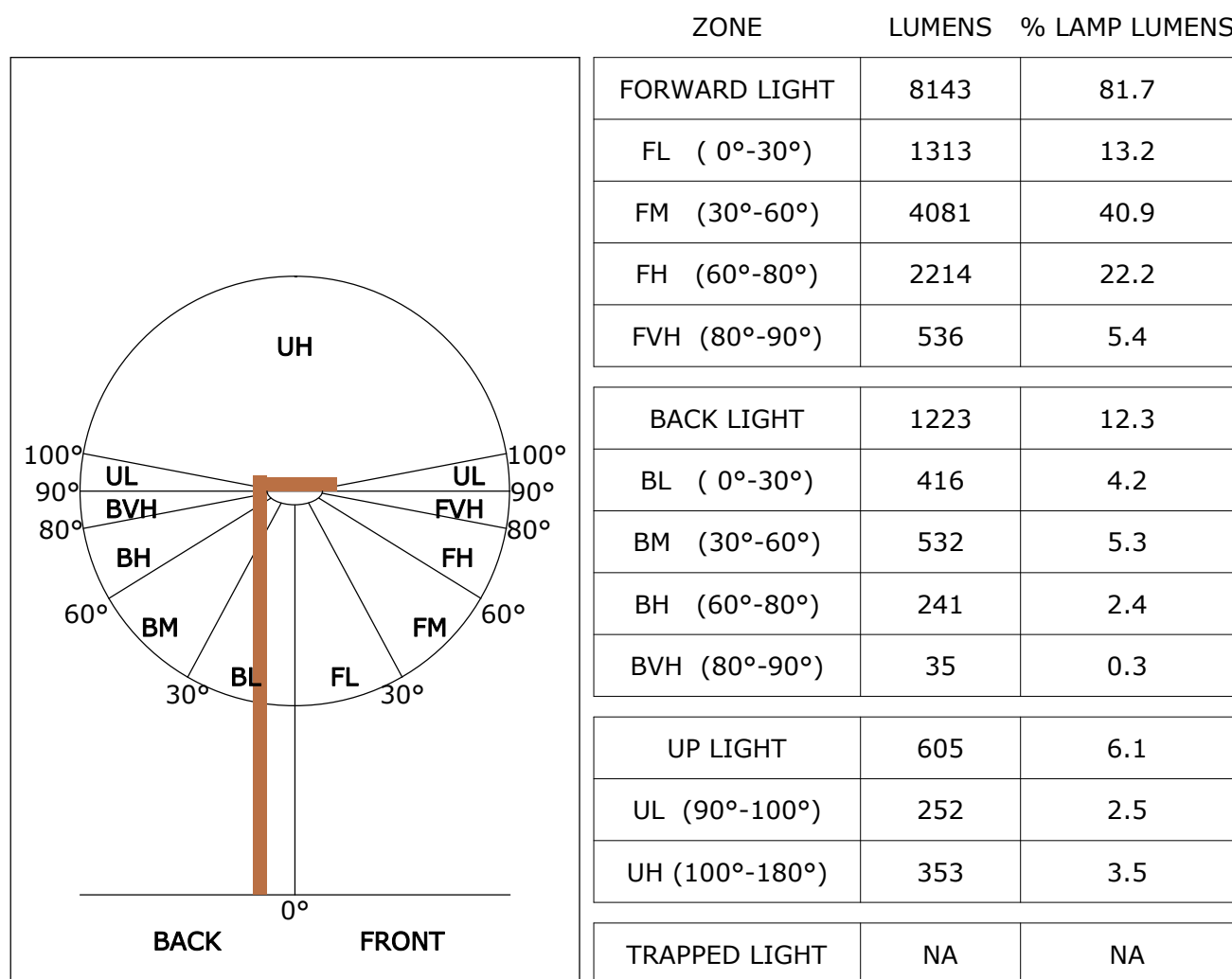
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$	-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 9971lm ($8\log(F/F_0) = 8.0$).

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:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

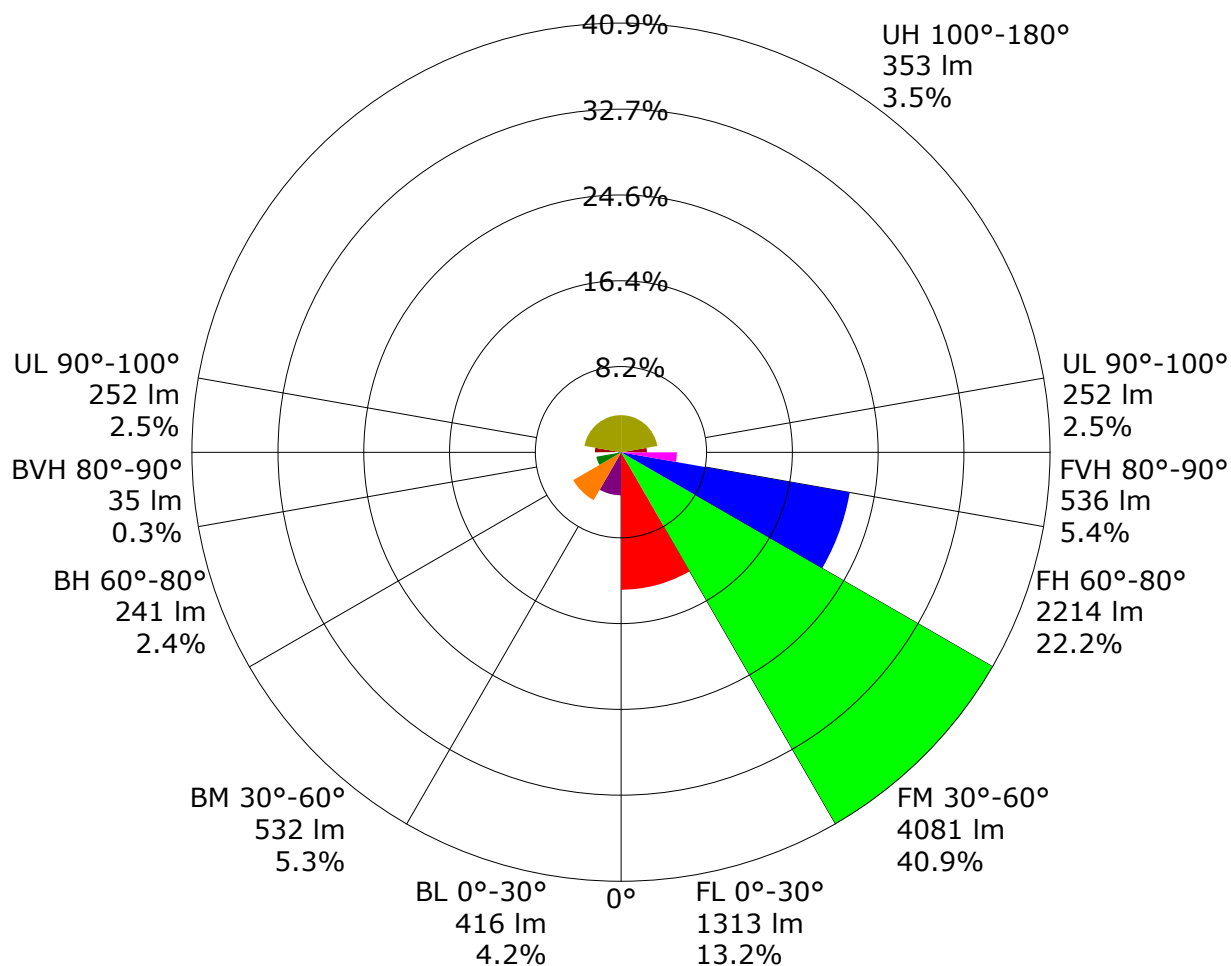


BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U5 G4
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U5 G4

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 = 1.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	NA	0.61	0.68	0.73	0.81	0.86	0.90	0.95	0.98	
	0.30		NA	0.52	0.60	0.65	0.74	0.79	0.84	0.90	0.94	
	0.20		NA	0.46	0.53	0.59	0.68	0.74	0.79	0.85	0.90	
0.50	0.50	0.20	NA	0.58	0.64	0.70	0.77	0.81	0.85	0.89	0.92	
	0.30		NA	0.50	0.57	0.63	0.71	0.76	0.80	0.85	0.89	
	0.20		NA	0.45	0.52	0.58	0.66	0.71	0.76	0.82	0.86	
0.30	0.50	0.20	NA	0.55	0.61	0.66	0.73	0.77	0.80	0.85	0.88	
	0.30		NA	0.49	0.55	0.61	0.68	0.73	0.76	0.81	0.85	
	0.20		NA	0.44	0.51	0.56	0.64	0.69	0.73	0.78	0.82	
0.00	0.00	0.00	NA	0.41	0.47	0.52	0.59	0.64	0.68	0.73	0.76	
Rating:70W 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 = 1.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	NA	0.89	0.77	0.68	0.55	0.47	0.40	0.32	0.27	
	0.30		NA	0.76	0.67	0.60	0.50	0.43	0.37	0.30	0.25	
	0.20		NA	0.66	0.59	0.54	0.45	0.39	0.35	0.29	0.24	
0.50	0.50	0.20	NA	0.85	0.73	0.64	0.52	0.47	0.38	0.30	0.25	
	0.30		NA	0.73	0.65	0.58	0.48	0.41	0.36	0.29	0.24	
	0.20		NA	0.65	0.58	0.52	0.44	0.38	0.34	0.27	0.23	
0.30	0.50	0.20	NA	0.80	0.70	0.61	0.50	0.42	0.36	0.29	0.24	
	0.30		NA	0.71	0.62	0.55	0.46	0.39	0.34	0.28	0.23	
	0.20		NA	0.63	0.56	0.51	0.43	0.37	0.33	0.26	0.22	
0.00	0.00	0.00	0.94	0.53	0.47	0.42	0.35	0.30	0.27	0.21	0.18	
Rating:70W 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 = 1.75									
Room Reflectance			Room Index(RI)									
Ceiling	Wall	Floor	0.75	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	
0.70	0.50	0.20	NA	0.24	0.25	0.25	0.26	0.27	0.27	0.28	0.28	
	0.30		NA	0.17	0.18	0.19	0.21	0.22	0.23	0.24	0.25	
	0.20		NA	0.12	0.13	0.14	0.16	0.18	0.19	0.21	0.22	
0.50	0.50	0.20	NA	0.23	0.24	0.24	0.25	0.26	0.26	0.26	0.27	
	0.30		NA	0.17	0.18	0.19	0.20	0.21	0.22	0.23	0.24	
	0.20		NA	0.12	0.13	0.14	0.16	0.17	0.18	0.20	0.21	
0.30	0.50	0.20	NA	0.22	0.23	0.24	0.24	0.25	0.25	0.25	0.26	
	0.30		NA	0.16	0.17	0.18	0.20	0.21	0.21	0.22	0.23	
	0.20		NA	0.11	0.13	0.14	0.16	0.17	0.18	0.19	0.20	
0.00	0.00	0.00	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	
Rating:70W 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	2184.2	2.1	2.1	0.02	0.02
1.0-2.0	2181.8	6.3	8.4	0.06	0.08
2.0-3.0	2179.3	10.4	18.8	0.10	0.19
3.0-4.0	2172.3	14.5	33.3	0.15	0.33
4.0-5.0	2158.5	18.6	51.9	0.19	0.52
5.0-6.0	2139.8	22.5	74.4	0.23	0.75
6.0-7.0	2118.8	26.3	100.7	0.26	1.01
7.0-8.0	2098.2	30.0	130.7	0.30	1.31
8.0-9.0	2080.3	33.7	164.4	0.34	1.65
9.0-10.0	2066.5	37.4	201.8	0.38	2.02
10.0-11.0	2055.3	41.1	242.9	0.41	2.44
11.0-12.0	2045.0	44.7	287.6	0.45	2.88
12.0-13.0	2035.7	48.3	335.9	0.48	3.37
13.0-14.0	2027.5	51.9	387.8	0.52	3.89
14.0-15.0	2021.4	55.5	443.3	0.56	4.45
15.0-16.0	2019.3	59.2	502.5	0.59	5.04
16.0-17.0	2019.5	62.9	565.4	0.63	5.67
17.0-18.0	2020.5	66.6	632.0	0.67	6.34
18.0-19.0	2021.0	70.3	702.4	0.71	7.04
19.0-20.0	2020.8	74.0	776.3	0.74	7.79
20.0-21.0	2022.6	77.7	854.0	0.78	8.56
21.0-22.0	2027.3	81.5	935.5	0.82	9.38
22.0-23.0	2033.3	85.3	1020.8	0.86	10.24
23.0-24.0	2039.9	89.2	1110.0	0.89	11.13
24.0-25.0	2047.3	93.1	1203.1	0.93	12.07
25.0-26.0	2055.1	97.0	1300.2	0.97	13.04
26.0-27.0	2064.1	101.0	1401.1	1.01	14.05
27.0-28.0	2074.9	105.1	1506.2	1.05	15.11
28.0-29.0	2087.7	109.2	1615.5	1.10	16.20
29.0-30.0	2102.0	113.5	1729.0	1.14	17.34
30.0-31.0	2117.4	117.8	1846.8	1.18	18.52
31.0-32.0	2132.4	122.2	1969.0	1.23	19.75
32.0-33.0	2146.3	126.5	2095.5	1.27	21.01
33.0-34.0	2160.1	130.7	2226.2	1.31	22.33
34.0-35.0	2173.1	135.0	2361.2	1.35	23.68
35.0-36.0	2184.8	139.1	2500.3	1.40	25.07

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	2193.2	143.1	2643.4	1.43	26.51
37.0-38.0	2197.3	146.7	2790.0	1.47	27.98
38.0-39.0	2198.4	150.1	2940.1	1.51	29.49
39.0-40.0	2198.4	153.3	3093.5	1.54	31.02
40.0-41.0	2195.8	156.4	3249.8	1.57	32.59
41.0-42.0	2186.8	158.9	3408.7	1.59	34.19
42.0-43.0	2173.4	161.0	3569.8	1.61	35.80
43.0-44.0	2156.4	162.8	3732.5	1.63	37.43
44.0-45.0	2133.6	164.0	3896.5	1.64	39.08
45.0-46.0	2107.0	164.8	4061.3	1.65	40.73
46.0-47.0	2078.3	165.3	4226.6	1.66	42.39
47.0-48.0	2049.0	165.7	4392.3	1.66	44.05
48.0-49.0	2020.5	165.9	4558.3	1.66	45.71
49.0-50.0	1990.7	166.0	4724.3	1.66	47.38
50.0-51.0	1959.2	165.8	4890.0	1.66	49.04
51.0-52.0	1924.9	165.2	5055.2	1.66	50.70
52.0-53.0	1887.3	164.2	5219.4	1.65	52.34
53.0-54.0	1850.7	163.1	5382.6	1.64	53.98
54.0-55.0	1816.0	162.1	5544.7	1.63	55.61
55.0-56.0	1784.0	161.2	5705.9	1.62	57.22
56.0-57.0	1755.0	160.5	5866.4	1.61	58.83
57.0-58.0	1726.8	159.7	6026.1	1.60	60.43
58.0-59.0	1697.2	158.7	6184.8	1.59	62.03
59.0-60.0	1663.5	157.2	6342.0	1.58	63.60
60.0-61.0	1625.7	155.2	6497.1	1.56	65.16
61.0-62.0	1585.8	152.8	6650.0	1.53	66.69
62.0-63.0	1545.8	150.4	6800.3	1.51	68.20
63.0-64.0	1507.2	147.9	6948.2	1.48	69.68
64.0-65.0	1467.5	145.2	7093.5	1.46	71.14
65.0-66.0	1424.7	142.2	7235.6	1.43	72.56
66.0-67.0	1379.2	138.7	7374.3	1.39	73.95
67.0-68.0	1331.6	134.9	7509.2	1.35	75.31
68.0-69.0	1282.6	130.9	7640.1	1.31	76.62
69.0-70.0	1232.2	126.6	7766.7	1.27	77.89
70.0-71.0	1180.3	122.0	7888.7	1.22	79.11
71.0-72.0	1128.7	117.4	8006.1	1.18	80.29

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	1079.1	112.9	8118.9	1.13	81.42
73.0-74.0	1032.6	108.6	8227.5	1.09	82.51
74.0-75.0	990.6	104.7	8332.2	1.05	83.56
75.0-76.0	952.2	101.1	8433.3	1.01	84.57
76.0-77.0	913.8	97.4	8530.7	0.98	85.55
77.0-78.0	872.6	93.4	8624.1	0.94	86.49
78.0-79.0	827.3	88.9	8713.0	0.89	87.38
79.0-80.0	773.6	83.4	8796.5	0.84	88.22
80.0-81.0	715.0	77.3	8873.8	0.78	88.99
81.0-82.0	663.0	71.9	8945.7	0.72	89.71
82.0-83.0	619.5	67.4	9013.1	0.68	90.39
83.0-84.0	579.5	63.1	9076.2	0.63	91.02
84.0-85.0	540.0	58.9	9135.1	0.59	91.61
85.0-86.0	499.7	54.6	9189.8	0.55	92.16
86.0-87.0	459.1	50.3	9240.0	0.50	92.67
87.0-88.0	420.3	46.0	9286.1	0.46	93.13
88.0-89.0	384.2	42.1	9328.2	0.42	93.55
89.0-90.0	351.7	38.6	9366.7	0.39	93.94
90.0-91.0	322.8	35.4	9402.1	0.35	94.29
91.0-92.0	296.8	32.5	9434.7	0.33	94.62
92.0-93.0	273.4	30.0	9464.6	0.30	94.92
93.0-94.0	252.4	27.6	9492.2	0.28	95.19
94.0-95.0	233.0	25.5	9517.7	0.26	95.45
95.0-96.0	214.5	23.4	9541.1	0.23	95.69
96.0-97.0	197.5	21.5	9562.7	0.22	95.90
97.0-98.0	182.8	19.9	9582.5	0.20	96.10
98.0-99.0	170.6	18.5	9601.0	0.19	96.29
99.0-100.0	160.2	17.3	9618.4	0.17	96.46
100.0-101.0	151.1	16.3	9634.7	0.16	96.62
101.0-102.0	143.1	15.4	9650.0	0.15	96.78
102.0-103.0	135.5	14.5	9664.5	0.15	96.92
103.0-104.0	127.9	13.6	9678.2	0.14	97.06
104.0-105.0	120.5	12.8	9691.0	0.13	97.19
105.0-106.0	113.3	12.0	9702.9	0.12	97.31
106.0-107.0	106.5	11.2	9714.1	0.11	97.42
107.0-108.0	100.5	10.5	9724.7	0.11	97.53

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	95.5	9.9	9734.6	0.10	97.63
109.0-110.0	91.4	9.4	9744.0	0.09	97.72
110.0-111.0	88.0	9.0	9753.1	0.09	97.81
111.0-112.0	85.1	8.7	9761.8	0.09	97.90
112.0-113.0	82.4	8.4	9770.1	0.08	97.98
113.0-114.0	80.0	8.0	9778.2	0.08	98.06
114.0-115.0	77.9	7.8	9785.9	0.08	98.14
115.0-116.0	76.2	7.5	9793.5	0.08	98.22
116.0-117.0	74.5	7.3	9800.8	0.07	98.29
117.0-118.0	72.9	7.1	9807.9	0.07	98.36
118.0-119.0	71.5	6.9	9814.8	0.07	98.43
119.0-120.0	70.1	6.7	9821.5	0.07	98.50
120.0-121.0	68.6	6.5	9827.9	0.07	98.56
121.0-122.0	67.3	6.3	9834.2	0.06	98.62
122.0-123.0	66.2	6.1	9840.4	0.06	98.69
123.0-124.0	65.1	6.0	9846.3	0.06	98.75
124.0-125.0	64.0	5.8	9852.1	0.06	98.80
125.0-126.0	63.1	5.6	9857.7	0.06	98.86
126.0-127.0	62.1	5.5	9863.2	0.05	98.91
127.0-128.0	61.3	5.3	9868.5	0.05	98.97
128.0-129.0	60.5	5.2	9873.7	0.05	99.02
129.0-130.0	59.7	5.1	9878.8	0.05	99.07
130.0-131.0	58.9	4.9	9883.7	0.05	99.12
131.0-132.0	58.0	4.8	9888.5	0.05	99.17
132.0-133.0	57.1	4.6	9893.1	0.05	99.21
133.0-134.0	56.2	4.5	9897.5	0.04	99.26
134.0-135.0	55.0	4.3	9901.8	0.04	99.30
135.0-136.0	53.9	4.1	9906.0	0.04	99.34
136.0-137.0	52.5	4.0	9909.9	0.04	99.38
137.0-138.0	51.0	3.8	9913.7	0.04	99.42
138.0-139.0	49.4	3.6	9917.3	0.04	99.46
139.0-140.0	47.9	3.4	9920.7	0.03	99.49
140.0-141.0	46.7	3.3	9924.0	0.03	99.52
141.0-142.0	45.7	3.1	9927.1	0.03	99.56
142.0-143.0	45.0	3.0	9930.1	0.03	99.59
143.0-144.0	44.2	2.9	9933.0	0.03	99.61

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	43.2	2.7	9935.7	0.03	99.64
145.0-146.0	42.0	2.6	9938.3	0.03	99.67
146.0-147.0	40.7	2.5	9940.8	0.02	99.69
147.0-148.0	39.6	2.3	9943.1	0.02	99.72
148.0-149.0	38.7	2.2	9945.3	0.02	99.74
149.0-150.0	37.8	2.1	9947.5	0.02	99.76
150.0-151.0	36.9	2.0	9949.4	0.02	99.78
151.0-152.0	35.8	1.9	9951.3	0.02	99.80
152.0-153.0	34.7	1.8	9953.1	0.02	99.82
153.0-154.0	33.7	1.6	9954.7	0.02	99.83
154.0-155.0	32.8	1.5	9956.3	0.02	99.85
155.0-156.0	32.0	1.5	9957.7	0.01	99.86
156.0-157.0	31.1	1.4	9959.1	0.01	99.88
157.0-158.0	30.2	1.3	9960.4	0.01	99.89
158.0-159.0	29.3	1.2	9961.5	0.01	99.90
159.0-160.0	28.4	1.1	9962.6	0.01	99.91
160.0-161.0	27.4	1.0	9963.6	0.01	99.92
161.0-162.0	26.6	0.9	9964.6	0.01	99.93
162.0-163.0	25.7	0.8	9965.4	0.01	99.94
163.0-164.0	24.8	0.8	9966.2	0.01	99.95
164.0-165.0	24.0	0.7	9966.9	0.01	99.95
165.0-166.0	23.2	0.6	9967.5	0.01	99.96
166.0-167.0	22.5	0.6	9968.1	0.01	99.97
167.0-168.0	21.9	0.5	9968.6	0.01	99.97
168.0-169.0	21.3	0.5	9969.1	0.00	99.98
169.0-170.0	20.8	0.4	9969.5	0.00	99.98
170.0-171.0	20.4	0.4	9969.9	0.00	99.98
171.0-172.0	20.1	0.3	9970.2	0.00	99.99
172.0-173.0	20.0	0.3	9970.5	0.00	99.99
173.0-174.0	19.9	0.2	9970.7	0.00	99.99
174.0-175.0	19.8	0.2	9970.9	0.00	100.00
175.0-176.0	19.8	0.2	9971.1	0.00	100.00
176.0-177.0	19.8	0.1	9971.2	0.00	100.00
177.0-178.0	19.8	0.1	9971.3	0.00	100.00
178.0-179.0	19.8	0.1	9971.4	0.00	100.00
179.0-180.0	19.8	0.0	9971.4	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	2185.6	2185.6	2185.6	2185.6	2185.6	2185.6	2185.6	2185.6	2185.6	2185.6
G1.0	2189.3	2190.3	2279.7	2307.3	2313.8	2300.7	2271.3	2227.8	2179.4	2178.3
G2.0	2192.1	2191.4	2374.0	2428.0	2447.7	2415.7	2358.0	2272.1	2171.4	2172.8
G3.0	2197.6	2199.4	2476.9	2544.6	2569.4	2524.8	2436.9	2311.6	2162.0	2162.3
G4.0	2198.0	2199.8	2562.5	2661.6	2686.0	2633.4	2513.9	2342.2	2153.7	2154.9
G5.0	2196.8	2196.6	2647.4	2761.0	2783.7	2724.5	2585.6	2376.7	2144.4	2144.9
G6.0	2196.9	2197.5	2726.6	2840.0	2867.7	2793.8	2651.7	2408.8	2139.1	2139.6
G7.0	2193.3	2197.0	2795.1	2923.3	2937.6	2864.0	2702.3	2442.8	2128.9	2129.0
G8.0	2187.3	2191.3	2857.5	2979.9	2995.6	2918.1	2754.5	2473.4	2123.5	2125.0
G9.0	2183.0	2186.5	2910.3	3035.2	3068.3	2970.4	2805.6	2505.5	2117.3	2117.8
G10.0	2180.0	2180.3	2957.0	3115.9	3151.4	3043.5	2845.4	2538.6	2104.7	2105.2
G11.0	2176.4	2173.4	2996.5	3187.0	3209.9	3114.3	2887.2	2563.9	2088.8	2085.8
G12.0	2165.5	2168.4	3045.7	3243.2	3260.6	3168.6	2928.1	2575.6	2072.0	2072.0
G13.0	2156.8	2159.2	3101.1	3301.4	3310.0	3222.3	2978.7	2590.1	2053.4	2052.5
G14.0	2150.4	2148.7	3149.1	3356.8	3379.7	3271.4	3027.0	2598.1	2034.0	2034.9
G15.0	2139.4	2139.7	3190.0	3427.8	3479.1	3333.8	3059.4	2607.8	2011.0	2013.1
G16.0	2124.8	2126.4	3224.7	3520.1	3588.1	3426.0	3088.8	2613.5	1990.9	1988.9
G17.0	2111.1	2111.3	3259.2	3623.4	3685.6	3521.5	3113.6	2614.8	1968.6	1967.2
G18.0	2095.4	2098.6	3295.5	3726.6	3780.7	3621.8	3144.6	2615.4	1944.1	1944.4
G19.0	2079.5	2080.7	3340.2	3812.0	3864.3	3712.7	3174.4	2608.7	1922.5	1921.9
G20.0	2060.6	2064.6	3395.4	3900.7	3949.6	3796.3	3209.0	2602.8	1898.3	1899.7
G21.0	2046.1	2044.1	3456.6	3972.2	4049.6	3878.8	3253.9	2597.1	1873.2	1876.5
G22.0	2029.5	2028.8	3520.1	4065.7	4134.3	3959.6	3304.3	2596.2	1851.5	1852.1
G23.0	2011.0	2010.9	3577.5	4156.2	4233.4	4034.0	3348.7	2597.2	1830.5	1830.0
G24.0	1995.1	1996.5	3631.1	4244.7	4337.7	4107.0	3392.4	2604.9	1806.5	1809.3
G25.0	1981.8	1982.1	3680.6	4340.7	4435.8	4185.0	3430.6	2608.0	1787.2	1787.8
G26.0	1965.1	1964.0	3730.8	4430.3	4547.8	4262.4	3466.0	2609.4	1765.2	1765.8
G27.0	1949.6	1950.1	3781.2	4521.6	4652.7	4349.3	3508.7	2614.9	1741.0	1742.1
G28.0	1935.0	1935.4	3830.0	4619.1	4773.8	4439.2	3547.5	2616.1	1720.1	1720.9
G29.0	1920.0	1922.2	3879.6	4718.7	4911.2	4528.0	3580.4	2612.3	1702.8	1704.2
G30.0	1907.1	1907.6	3933.5	4824.0	5050.0	4607.7	3616.9	2616.3	1685.1	1685.9
G31.0	1892.9	1892.0	3991.2	4934.3	5175.9	4694.9	3656.9	2615.7	1670.3	1670.5
G32.0	1875.3	1874.4	4041.5	5054.1	5288.8	4776.0	3697.7	2606.4	1650.6	1651.0
G33.0	1860.5	1858.4	4091.0	5174.8	5407.0	4868.1	3732.6	2599.5	1626.7	1626.4
G34.0	1841.4	1841.4	4143.9	5280.3	5519.9	4948.2	3769.6	2591.1	1608.5	1608.3
G35.0	1819.7	1821.1	4189.4	5371.3	5642.3	5036.1	3802.3	2582.9	1589.8	1591.1
G36.0	1802.0	1802.2	4237.2	5454.4	5737.0	5120.3	3834.9	2572.1	1574.6	1575.4

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 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	1788.5	1786.3	4286.2	5517.2	5782.3	5184.9	3865.5	2555.1	1560.7	1561.8
G38.0	1770.4	1770.9	4333.9	5544.5	5837.2	5222.3	3902.9	2538.2	1544.4	1545.3
G39.0	1754.4	1754.5	4381.6	5566.8	5881.0	5244.0	3924.9	2523.0	1527.3	1523.6
G40.0	1734.4	1737.8	4432.1	5599.5	5899.1	5265.5	3959.4	2509.5	1508.7	1510.5
G41.0	1716.5	1717.5	4456.9	5618.5	5879.5	5281.0	3992.0	2499.3	1488.2	1488.9
G42.0	1697.3	1697.6	4468.2	5600.8	5827.7	5282.9	4004.7	2484.3	1473.4	1473.2
G43.0	1677.1	1679.1	4470.2	5576.5	5779.4	5269.0	4012.4	2469.9	1454.4	1453.9
G44.0	1658.8	1660.7	4463.2	5528.6	5682.0	5255.3	4010.4	2454.6	1438.9	1438.6
G45.0	1639.2	1640.7	4451.1	5455.2	5551.0	5214.7	3996.5	2434.5	1422.8	1423.6
G46.0	1619.4	1620.8	4424.0	5372.2	5445.8	5155.1	3976.9	2419.2	1402.1	1404.7
G47.0	1598.3	1600.8	4385.2	5273.3	5347.9	5087.5	3934.9	2402.5	1382.8	1383.2
G48.0	1577.6	1578.5	4342.4	5187.6	5271.0	5004.4	3887.9	2385.3	1367.5	1366.3
G49.0	1558.6	1559.3	4284.1	5112.2	5190.5	4929.4	3847.6	2363.3	1349.7	1350.5
G50.0	1539.0	1540.0	4221.0	5020.6	5099.3	4848.2	3800.1	2341.5	1331.5	1331.4
G51.0	1522.7	1522.5	4158.4	4921.4	5002.8	4757.6	3749.8	2322.3	1316.5	1317.5
G52.0	1501.2	1503.8	4088.0	4820.6	4851.7	4663.5	3691.8	2302.4	1302.9	1303.3
G53.0	1485.3	1485.4	4002.7	4694.8	4730.8	4562.6	3629.2	2273.1	1286.2	1285.8
G54.0	1469.2	1469.1	3908.8	4580.9	4658.5	4467.1	3562.2	2246.0	1268.3	1270.1
G55.0	1449.5	1452.2	3798.9	4480.3	4597.1	4369.8	3479.0	2224.9	1255.1	1255.9
G56.0	1434.6	1435.5	3707.2	4420.2	4566.7	4281.2	3392.6	2193.2	1237.0	1238.8
G57.0	1414.8	1418.0	3624.9	4356.3	4520.3	4214.9	3307.1	2168.3	1216.2	1218.7
G58.0	1395.4	1396.5	3552.7	4308.6	4466.8	4151.4	3219.6	2142.8	1196.3	1195.7
G59.0	1373.9	1373.1	3468.8	4243.1	4397.7	4088.3	3136.2	2112.7	1172.0	1173.2
G60.0	1348.5	1348.2	3393.2	4163.1	4265.4	4014.0	3056.9	2077.5	1150.8	1151.9
G61.0	1324.8	1322.9	3302.3	4062.1	4135.2	3927.8	2975.8	2036.1	1133.1	1133.4
G62.0	1292.0	1292.6	3235.5	3952.2	4019.6	3825.5	2895.0	1988.2	1107.0	1106.6
G63.0	1263.6	1266.2	3146.4	3854.8	3937.8	3727.0	2812.5	1934.7	1074.1	1076.3
G64.0	1236.2	1235.9	3068.8	3772.0	3834.6	3653.6	2729.1	1878.5	1045.2	1046.4
G65.0	1211.1	1209.5	2992.3	3655.2	3713.2	3567.5	2646.2	1823.4	1015.3	1013.2
G66.0	1176.9	1176.9	2915.6	3542.2	3588.8	3464.0	2569.8	1765.6	974.8	975.9
G67.0	1139.0	1137.6	2839.0	3420.0	3464.2	3351.0	2493.0	1706.3	928.3	930.4
G68.0	1086.8	1085.9	2763.7	3295.3	3340.9	3236.3	2419.9	1641.2	888.5	888.1
G69.0	1039.8	1040.8	2676.5	3175.0	3202.7	3108.5	2349.1	1576.9	843.8	846.3
G70.0	988.5	989.2	2584.4	3050.9	3085.2	2984.2	2264.8	1514.4	794.6	795.4
G71.0	938.6	935.8	2492.3	2921.3	2962.8	2852.1	2184.9	1443.8	744.1	743.3
G72.0	887.0	882.7	2400.1	2803.1	2848.4	2733.2	2099.8	1371.7	695.1	696.1
G73.0	828.5	827.8	2304.9	2699.4	2759.4	2625.3	2018.0	1299.7	643.0	644.2

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 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	773.2	771.8	2212.5	2619.7	2686.6	2532.4	1933.5	1229.6	591.2	592.8
G75.0	720.7	718.5	2130.4	2555.7	2629.2	2464.3	1853.7	1161.7	543.3	543.3
G76.0	669.1	665.0	2055.5	2499.3	2570.0	2406.2	1777.8	1096.0	494.5	496.6
G77.0	611.8	611.2	1980.3	2437.9	2494.5	2340.6	1707.3	1025.0	448.4	450.5
G78.0	556.0	554.7	1903.4	2349.2	2405.1	2253.0	1636.1	959.9	404.7	404.4
G79.0	506.2	507.5	1818.4	2232.9	2286.0	2151.7	1553.0	894.5	360.0	361.9
G80.0	458.5	459.2	1709.9	2062.8	2107.3	1993.8	1465.3	829.0	318.1	319.4
G81.0	407.8	407.4	1593.7	1911.8	1965.1	1841.1	1369.8	762.6	275.9	276.2
G82.0	357.6	357.9	1488.7	1811.3	1864.1	1736.8	1277.6	698.9	238.6	238.2
G83.0	312.2	311.9	1396.1	1723.8	1787.6	1652.1	1197.8	640.8	202.5	203.8
G84.0	266.6	265.1	1309.1	1640.1	1707.9	1563.8	1123.8	582.5	170.1	171.7
G85.0	220.0	221.5	1226.6	1550.0	1606.0	1481.6	1054.9	529.9	140.7	140.7
G86.0	175.5	175.8	1136.3	1446.6	1503.0	1383.2	986.4	480.0	115.3	115.9
G87.0	140.6	142.1	1051.6	1335.7	1392.4	1280.9	910.4	435.1	93.9	95.2
G88.0	113.3	114.5	976.0	1229.0	1281.0	1178.3	841.9	391.8	77.4	78.0
G89.0	92.4	93.1	901.7	1128.1	1173.1	1081.5	776.5	351.6	64.3	64.8
G90.0	74.8	75.1	830.0	1040.7	1087.9	994.4	710.8	318.4	55.5	56.5
G91.0	61.6	62.6	761.1	959.6	1008.8	914.4	647.4	289.5	49.7	50.4
G92.0	53.1	54.0	693.8	887.8	942.3	836.6	589.9	263.3	46.3	47.5
G93.0	47.3	47.9	629.5	822.3	882.2	765.1	539.2	236.9	44.2	45.3
G94.0	43.7	44.7	569.4	767.4	814.6	705.8	492.2	216.6	43.1	44.2
G95.0	41.4	42.3	519.6	705.8	743.5	651.4	450.7	198.9	42.7	43.3
G96.0	41.0	42.0	471.5	643.1	678.0	593.2	412.2	183.7	42.6	43.5
G97.0	40.6	41.4	432.7	585.3	621.3	540.9	377.0	168.2	42.5	43.4
G98.0	40.4	41.2	398.6	538.8	576.1	497.3	345.8	155.9	42.5	43.5
G99.0	40.6	41.6	366.2	500.0	537.4	462.1	321.5	144.8	42.9	43.9
G100.0	40.9	42.0	339.5	464.4	505.4	432.3	297.0	135.0	43.1	44.1
G101.0	41.4	42.2	316.2	436.2	478.6	406.6	273.9	126.1	43.6	44.8
G102.0	41.7	42.6	296.0	411.5	452.1	382.0	252.5	118.2	44.2	44.9
G103.0	42.7	43.6	275.2	385.3	425.5	355.3	233.7	110.9	44.4	45.4
G104.0	43.4	44.2	257.9	357.0	399.7	325.2	218.1	104.4	44.6	45.7
G105.0	44.1	44.8	239.0	331.6	369.5	298.5	204.8	98.4	44.9	45.8
G106.0	44.7	45.4	220.3	306.7	338.9	275.1	191.4	93.8	45.1	46.0
G107.0	45.0	45.9	203.0	282.0	310.3	255.0	180.0	89.9	45.3	46.3
G108.0	45.8	46.3	191.1	257.9	285.0	237.8	170.3	86.8	45.3	46.3
G109.0	46.1	46.8	182.1	239.3	262.8	223.4	164.5	83.5	45.4	46.2
G110.0	46.2	47.0	175.9	222.5	245.3	208.7	158.1	81.6	45.3	46.3

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	46.4	47.1	173.6	210.5	231.8	198.2	151.0	78.7	45.3	46.0
G112.0	46.7	47.4	166.0	200.4	220.5	189.7	144.4	77.0	45.0	46.1
G113.0	46.7	47.3	157.2	192.0	210.9	181.8	138.5	75.6	44.7	45.5
G114.0	46.5	47.4	149.3	184.5	202.6	174.5	133.3	74.1	44.4	45.1
G115.0	46.7	47.4	144.0	177.3	195.4	170.9	129.7	72.5	43.7	44.8
G116.0	46.1	47.1	140.4	173.3	188.1	163.7	126.5	71.0	43.3	44.1
G117.0	45.6	46.3	137.9	166.9	181.6	159.6	123.2	69.2	42.4	43.7
G118.0	44.7	45.6	134.9	162.1	174.8	155.4	119.9	67.4	41.7	42.2
G119.0	43.9	44.5	130.2	158.0	172.8	152.3	115.7	66.3	41.0	42.2
G120.0	42.8	43.6	125.4	154.5	167.4	148.9	112.4	64.7	40.1	41.1
G121.0	41.4	42.3	121.1	151.4	162.8	145.6	110.1	63.3	39.4	40.2
G122.0	40.5	41.3	118.2	148.4	159.0	142.5	107.5	61.9	38.5	39.2
G123.0	39.3	40.2	115.6	145.3	155.6	139.6	105.4	60.8	37.7	38.5
G124.0	38.0	39.0	113.7	142.8	152.3	136.4	103.0	59.2	36.8	37.6
G125.0	37.0	38.0	111.7	140.1	149.9	134.1	100.7	57.8	36.0	36.8
G126.0	35.9	36.9	109.5	138.3	147.8	131.5	98.3	56.2	35.3	36.1
G127.0	35.0	35.8	107.0	136.5	145.9	129.6	96.1	54.4	34.2	35.5
G128.0	34.2	35.1	105.0	134.5	144.9	127.4	93.7	53.4	33.8	34.8
G129.0	33.5	34.3	102.8	132.2	143.7	125.1	91.2	52.7	33.2	34.4
G130.0	32.9	33.5	100.2	130.2	142.2	122.8	88.6	51.9	32.8	33.6
G131.0	32.8	33.6	97.5	127.7	140.7	120.7	86.4	50.9	32.3	33.4
G132.0	32.1	32.9	95.0	125.1	138.9	118.1	83.2	49.7	31.7	32.8
G133.0	31.7	32.6	92.7	122.3	136.4	115.0	82.1	48.4	31.3	32.3
G134.0	31.2	32.1	90.3	119.2	132.7	112.4	79.9	47.1	31.1	32.0
G135.0	30.7	31.5	88.0	115.1	128.5	108.8	77.7	46.1	30.6	31.7
G136.0	30.3	31.1	86.0	111.5	123.3	105.2	75.0	45.3	30.3	31.2
G137.0	29.7	30.9	82.0	106.7	116.9	101.7	71.9	44.4	30.1	30.9
G138.0	29.6	30.5	79.1	101.3	109.7	97.0	69.0	43.4	29.9	30.5
G139.0	29.1	29.9	76.1	96.2	101.4	92.5	66.9	42.1	29.5	30.0
G140.0	28.8	29.3	74.2	91.6	95.1	87.8	64.9	40.9	28.9	30.1
G141.0	28.0	29.1	72.5	87.0	90.6	84.7	63.6	39.8	28.8	29.6
G142.0	27.7	28.7	70.9	85.8	88.4	82.6	61.5	38.6	28.2	29.3
G143.0	27.7	28.5	68.5	83.3	87.0	80.9	59.3	37.6	27.7	29.0
G144.0	27.3	28.1	65.6	81.2	85.7	78.8	56.9	36.7	27.3	28.5
G145.0	27.0	28.1	62.2	78.1	82.0	75.6	54.4	35.3	27.1	28.2
G146.0	26.7	27.7	59.5	74.2	76.8	71.6	52.1	34.3	27.0	27.9
G147.0	26.4	27.3	57.0	70.2	72.0	67.7	50.8	32.8	26.4	27.4

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 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	26.4	26.9	56.0	67.2	69.0	64.5	49.0	31.9	26.2	27.0
G149.0	26.1	26.7	53.8	64.7	67.1	62.3	47.3	30.6	25.5	26.6
G150.0	25.8	26.6	51.8	62.4	65.4	60.4	45.2	29.3	25.4	26.2
G151.0	25.3	25.9	49.2	59.6	62.4	57.6	43.0	28.3	24.9	25.9
G152.0	24.9	25.6	46.9	56.6	58.6	54.8	40.7	27.2	24.3	25.4
G153.0	24.6	25.5	44.4	53.5	54.9	51.6	39.3	26.1	23.9	24.8
G154.0	24.2	25.1	42.2	50.5	52.0	48.9	37.7	25.0	23.7	24.5
G155.0	23.7	24.7	40.4	48.0	50.0	47.1	36.1	24.3	23.0	24.1
G156.0	23.7	24.1	38.6	46.2	48.3	45.3	34.5	23.7	22.9	23.7
G157.0	23.1	23.8	36.1	43.9	46.3	43.3	32.4	23.0	22.4	23.2
G158.0	22.9	23.7	33.6	42.1	43.4	40.9	30.6	22.2	22.0	23.1
G159.0	22.7	23.2	32.2	38.9	40.5	38.4	29.1	22.1	21.5	22.6
G160.0	22.1	22.9	30.9	36.1	37.6	36.0	27.1	21.4	21.1	21.9
G161.0	21.8	22.6	28.9	33.6	35.6	34.0	25.2	21.1	20.9	21.8
G162.0	21.6	22.3	27.6	31.5	33.9	32.2	23.2	20.6	20.5	21.3
G163.0	20.8	21.7	25.5	28.8	32.0	30.0	21.8	20.1	19.9	20.8
G164.0	20.5	21.2	24.0	26.7	29.6	27.5	20.5	19.8	19.7	20.7
G165.0	20.2	21.1	22.6	24.8	27.2	25.3	19.0	19.4	19.5	20.1
G166.0	19.8	20.5	21.1	23.8	25.0	23.2	17.7	19.2	18.9	19.9
G167.0	19.6	20.5	19.4	22.1	23.5	21.8	16.9	18.6	18.7	19.8
G168.0	19.4	19.9	17.9	20.8	22.0	20.2	16.7	18.3	18.4	19.5
G169.0	19.2	19.9	17.1	19.1	20.8	19.3	16.4	17.9	18.3	19.0
G170.0	18.8	19.5	17.3	18.1	19.7	18.0	16.1	17.9	17.7	18.9
G171.0	18.2	19.0	17.3	16.6	18.3	17.8	15.8	17.6	17.6	18.7
G172.0	18.3	18.9	17.5	17.0	18.0	18.2	16.4	17.5	17.8	18.6
G173.0	18.0	19.0	17.7	17.4	18.9	18.2	16.5	17.3	17.4	18.3
G174.0	17.8	18.5	17.9	18.0	19.1	18.7	16.9	17.3	17.5	18.3
G175.0	17.8	18.5	18.1	18.7	19.7	19.1	16.9	17.1	17.4	18.4
G176.0	17.5	18.4	18.4	19.2	20.3	19.6	17.0	17.4	17.2	18.4
G177.0	17.7	18.3	19.0	19.9	20.9	19.9	17.6	17.6	17.4	18.2
G178.0	17.5	18.3	19.1	20.2	21.6	20.6	17.8	17.5	17.5	18.3
G179.0	17.5	18.3	20.0	20.8	22.0	21.0	18.0	17.8	17.5	18.5
G180.0	17.5	18.5	20.3	21.5	22.7	21.6	18.5	18.2	17.5	18.4

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 5)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G0.0	2185.6	2185.6	2185.6	2185.6	2185.6	2185.6	2185.6			
G1.0	2077.5	2051.7	2044.3	2066.8	2102.8	2145.4	2189.3			
G2.0	1975.9	1925.1	1914.5	1942.3	2008.3	2103.7	2192.1			
G3.0	1879.8	1798.2	1779.8	1825.8	1920.4	2055.6	2197.6			
G4.0	1768.3	1645.2	1618.2	1690.0	1833.9	2008.3	2198.0			
G5.0	1648.9	1490.3	1452.8	1544.1	1740.5	1963.6	2196.8			
G6.0	1527.9	1333.3	1300.3	1402.3	1634.7	1912.8	2196.9			
G7.0	1400.1	1204.7	1165.5	1257.5	1525.9	1862.9	2193.3			
G8.0	1284.4	1094.5	1052.0	1143.7	1415.2	1815.2	2187.3			
G9.0	1189.3	997.3	956.5	1042.9	1305.3	1767.4	2183.0			
G10.0	1100.2	904.2	871.7	947.9	1206.7	1717.7	2180.0			
G11.0	1016.8	837.8	808.8	871.5	1119.8	1661.7	2176.4			
G12.0	945.6	784.6	757.2	810.1	1042.1	1601.9	2165.5			
G13.0	878.8	730.1	693.6	758.1	970.7	1544.5	2156.8			
G14.0	823.7	670.3	637.8	707.7	904.6	1484.0	2150.4			
G15.0	776.7	621.6	590.4	648.6	844.3	1424.6	2139.4			
G16.0	732.0	576.2	544.3	603.5	795.8	1365.3	2124.8			
G17.0	681.9	533.1	503.2	560.9	752.8	1307.9	2111.1			
G18.0	635.5	493.5	460.3	519.9	711.3	1253.7	2095.4			
G19.0	597.5	451.5	414.2	481.0	669.3	1201.4	2079.5			
G20.0	558.3	408.1	377.9	442.1	622.4	1149.2	2060.6			
G21.0	525.2	375.3	347.1	399.7	586.0	1105.8	2046.1			
G22.0	489.7	348.7	321.8	367.8	552.8	1064.6	2029.5			
G23.0	457.4	319.3	288.5	340.5	522.3	1021.8	2011.0			
G24.0	423.9	289.9	265.2	314.7	489.8	987.7	1995.1			
G25.0	389.0	265.3	245.0	287.2	459.7	950.1	1981.8			
G26.0	361.1	245.2	226.3	260.5	430.6	916.6	1965.1			
G27.0	337.8	227.1	205.6	241.5	397.0	882.5	1949.6			
G28.0	315.5	207.6	189.4	223.9	369.2	851.9	1935.0			
G29.0	294.0	190.6	172.9	205.4	345.9	825.1	1920.0			
G30.0	269.2	173.5	157.9	186.5	324.6	803.9	1907.1			
G31.0	249.8	160.9	144.2	171.0	304.6	782.8	1892.9			
G32.0	232.8	145.3	131.2	158.5	285.1	759.3	1875.3			
G33.0	217.4	132.2	117.0	142.5	260.7	738.1	1860.5			
G34.0	201.1	119.4	104.5	130.1	244.4	717.6	1841.4			
G35.0	185.4	106.1	91.7	117.0	228.9	693.5	1819.7			
G36.0	173.8	93.9	79.4	104.2	214.6	669.1	1802.0			

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 6)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G37.0	159.6	82.1	67.8	92.5	198.3	647.7	1788.5			
G38.0	145.8	70.3	57.0	80.7	183.5	628.7	1770.4			
G39.0	133.6	59.5	47.0	70.2	169.4	610.9	1754.4			
G40.0	122.0	50.2	37.9	59.3	159.8	592.4	1734.4			
G41.0	110.1	40.0	29.1	49.2	146.7	574.2	1716.5			
G42.0	99.2	31.5	18.6	40.0	135.6	555.9	1697.3			
G43.0	89.4	23.2	7.3	31.7	125.0	538.2	1677.1			
G44.0	79.5	13.7	3.4	23.5	114.4	521.0	1658.8			
G45.0	70.3	3.5	3.4	15.0	104.2	503.9	1639.2			
G46.0	62.0	2.9	3.5	5.4	94.3	485.2	1619.4			
G47.0	54.2	2.8	3.2	2.7	84.8	467.8	1598.3			
G48.0	46.3	3.0	3.7	2.6	77.0	453.5	1577.6			
G49.0	39.5	2.8	3.7	2.6	68.6	439.4	1558.6			
G50.0	33.8	3.1	4.0	2.7	61.3	424.1	1539.0			
G51.0	26.5	2.9	4.0	2.9	54.7	410.3	1522.7			
G52.0	20.9	3.1	4.0	2.9	48.1	395.3	1501.2			
G53.0	20.1	3.1	4.0	2.9	42.4	380.6	1485.3			
G54.0	19.7	3.4	4.2	2.9	36.7	367.3	1469.2			
G55.0	19.4	3.0	4.1	3.3	32.3	353.1	1449.5			
G56.0	19.0	3.3	4.2	3.3	31.6	340.6	1434.6			
G57.0	18.8	3.4	4.2	3.2	31.1	331.8	1414.8			
G58.0	18.5	3.5	4.6	3.4	30.7	317.7	1395.4			
G59.0	18.5	3.7	4.4	3.4	30.5	306.2	1373.9			
G60.0	17.9	3.9	4.8	4.0	30.2	294.7	1348.5			
G61.0	17.9	3.9	4.9	4.0	29.8	284.5	1324.8			
G62.0	17.7	4.0	4.8	4.0	29.2	272.5	1292.0			
G63.0	17.7	4.3	5.2	4.4	29.2	263.3	1263.6			
G64.0	17.4	4.2	5.2	4.3	28.6	251.4	1236.2			
G65.0	17.3	4.5	5.5	4.6	28.2	240.9	1211.1			
G66.0	17.3	4.7	5.5	4.8	28.0	231.2	1176.9			
G67.0	17.1	5.0	5.8	5.0	27.6	221.6	1139.0			
G68.0	17.4	5.0	5.9	5.1	27.3	212.4	1086.8			
G69.0	17.2	5.2	6.0	5.4	27.1	202.8	1039.8			
G70.0	17.1	5.6	6.4	5.7	26.9	192.6	988.5			
G71.0	17.1	5.6	6.6	5.8	26.6	183.4	938.6			
G72.0	17.1	5.8	6.7	6.2	26.5	174.8	887.0			
G73.0	16.9	6.3	6.8	6.5	25.9	165.3	828.5			

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 7)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G74.0	16.7	6.4	7.1	6.9	25.5	159.6	773.2			
G75.0	16.8	6.7	7.6	7.0	25.3	150.6	720.7			
G76.0	16.8	7.0	7.9	7.4	24.8	142.8	669.1			
G77.0	16.7	7.1	8.2	7.4	24.6	134.6	611.8			
G78.0	16.8	7.4	8.3	8.0	24.3	125.8	556.0			
G79.0	16.8	7.6	8.5	8.4	23.7	118.2	506.2			
G80.0	16.6	8.0	9.0	8.4	23.2	111.1	458.5			
G81.0	16.9	8.1	9.2	9.3	22.9	104.0	407.8			
G82.0	16.7	8.7	9.7	9.4	22.8	98.0	357.6			
G83.0	16.7	9.1	10.1	9.8	22.2	92.3	312.2			
G84.0	16.7	9.2	10.7	10.1	21.8	87.1	266.6			
G85.0	16.9	9.8	11.1	10.6	21.5	81.9	220.0			
G86.0	16.8	10.3	11.7	10.9	21.0	78.3	175.5			
G87.0	17.3	10.8	12.0	11.4	20.8	74.0	140.6			
G88.0	17.3	11.1	12.3	11.8	20.5	70.2	113.3			
G89.0	17.4	11.6	12.6	12.5	20.6	67.0	92.4			
G90.0	17.7	12.2	13.3	12.8	20.3	63.9	74.8			
G91.0	17.9	12.7	13.9	13.3	20.2	61.6	61.6			
G92.0	17.8	12.9	14.4	13.3	20.2	59.0	53.1			
G93.0	18.1	13.7	14.9	13.8	20.3	57.0	47.3			
G94.0	18.4	13.7	15.3	14.6	20.3	54.7	43.7			
G95.0	18.8	14.4	16.1	15.0	20.2	53.1	41.4			
G96.0	18.9	15.0	16.3	15.3	20.3	51.1	41.0			
G97.0	19.2	15.3	16.9	16.1	20.6	49.5	40.6			
G98.0	19.7	15.8	17.5	16.5	21.0	48.3	40.4			
G99.0	20.2	16.4	18.1	17.1	20.8	47.4	40.6			
G100.0	20.4	17.2	18.6	17.4	20.9	46.3	40.9			
G101.0	20.6	17.6	19.2	17.7	21.2	45.5	41.4			
G102.0	21.1	18.0	19.7	18.4	21.2	44.5	41.7			
G103.0	21.5	18.6	20.4	18.8	21.7	43.8	42.7			
G104.0	21.5	19.0	21.1	19.5	21.8	42.9	43.4			
G105.0	22.1	19.9	21.6	20.2	22.1	41.9	44.1			
G106.0	22.3	20.4	22.2	20.3	22.3	41.0	44.7			
G107.0	22.9	20.8	22.7	21.2	22.6	40.2	45.0			
G108.0	23.1	21.4	23.3	21.8	22.9	39.4	45.8			
G109.0	23.5	22.0	23.7	22.2	23.2	38.2	46.1			
G110.0	23.7	22.5	24.2	22.7	23.5	37.3	46.2			

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 8.190 m

Humidity:

Inspector:

Candlepower Table (Continue 8)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G111.0	24.0	23.1	25.0	23.3	23.7	36.5	46.4			
G112.0	24.4	23.6	25.2	23.7	24.1	35.7	46.7			
G113.0	24.7	24.0	26.1	24.1	24.3	35.0	46.7			
G114.0	24.8	24.4	26.4	24.6	24.3	34.2	46.5			
G115.0	25.3	25.0	26.9	25.1	24.8	33.6	46.7			
G116.0	25.5	25.4	27.6	25.5	24.9	33.1	46.1			
G117.0	26.0	25.9	27.8	25.9	25.3	32.5	45.6			
G118.0	26.3	26.3	28.4	26.5	25.6	31.8	44.7			
G119.0	26.6	26.8	28.6	27.0	25.9	31.5	43.9			
G120.0	26.9	27.4	29.4	27.2	26.1	31.0	42.8			
G121.0	27.1	27.4	29.9	27.7	26.5	30.6	41.4			
G122.0	27.2	27.9	30.4	28.3	26.8	30.4	40.5			
G123.0	27.6	28.4	30.6	28.8	26.6	30.0	39.3			
G124.0	27.8	28.9	31.2	29.1	27.0	29.7	38.0			
G125.0	28.0	29.5	31.5	29.6	27.1	29.2	37.0			
G126.0	28.2	29.6	31.6	29.8	27.2	29.2	35.9			
G127.0	28.3	30.0	32.0	30.1	27.3	29.0	35.0			
G128.0	28.6	30.0	32.0	30.4	27.7	28.7	34.2			
G129.0	28.6	30.2	32.4	30.7	27.8	28.5	33.5			
G130.0	28.8	30.8	32.8	30.9	28.0	28.5	32.9			
G131.0	29.2	30.7	32.9	31.2	27.9	28.4	32.8			
G132.0	29.0	30.9	33.1	31.4	28.2	28.3	32.1			
G133.0	29.2	31.5	33.4	31.6	28.0	28.4	31.7			
G134.0	29.3	31.2	33.5	31.5	28.3	28.2	31.2			
G135.0	29.4	31.4	33.5	31.9	28.4	28.0	30.7			
G136.0	29.5	31.5	33.5	32.2	28.4	28.0	30.3			
G137.0	29.5	31.5	33.5	32.1	28.5	27.7	29.7			
G138.0	29.6	31.7	33.6	32.0	28.5	27.6	29.6			
G139.0	29.5	31.8	34.1	32.1	28.4	27.6	29.1			
G140.0	29.5	32.0	34.0	32.3	28.6	27.4	28.8			
G141.0	29.6	32.0	34.3	32.1	28.3	27.5	28.0			
G142.0	29.6	32.0	34.0	32.2	28.5	27.4	27.7			
G143.0	29.4	32.5	34.0	32.2	28.3	27.2	27.7			
G144.0	29.4	32.6	34.1	32.3	28.2	27.2	27.3			
G145.0	29.4	33.0	33.9	32.1	28.2	26.9	27.0			
G146.0	29.3	33.4	34.3	32.2	28.2	26.7	26.7			
G147.0	29.3	33.2	34.0	31.9	27.8	26.4	26.4			

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 9)

Unit: cd

G\C	C225.0	C247.5	C270.0	C292.5	C315.0	C337.5	C360.0			
G148.0	29.0	33.2	33.8	32.3	27.8	26.2	26.4			
G149.0	28.9	33.0	33.5	32.2	27.3	26.2	26.1			
G150.0	28.8	33.0	33.5	32.1	27.2	26.0	25.8			
G151.0	28.6	32.6	33.5	32.2	27.2	26.0	25.3			
G152.0	28.2	32.5	33.6	32.0	27.0	25.5	24.9			
G153.0	28.0	32.5	34.0	31.9	26.8	25.2	24.6			
G154.0	28.0	32.0	34.4	31.6	26.6	24.9	24.2			
G155.0	27.6	31.8	33.6	31.6	26.6	24.6	23.7			
G156.0	27.6	31.8	33.5	31.3	26.3	24.2	23.7			
G157.0	27.2	31.2	33.6	31.3	26.2	23.9	23.1			
G158.0	27.2	30.7	33.2	30.9	25.8	23.6	22.9			
G159.0	27.1	30.6	33.1	30.6	25.8	23.6	22.7			
G160.0	26.5	30.5	32.6	30.2	25.3	23.1	22.1			
G161.0	26.4	30.0	32.2	30.0	25.1	22.7	21.8			
G162.0	26.1	29.7	31.7	29.5	24.9	22.3	21.6			
G163.0	25.8	29.2	31.5	29.3	24.6	22.1	20.8			
G164.0	25.5	28.9	30.9	28.9	24.3	21.7	20.5			
G165.0	25.2	28.4	30.5	28.7	23.9	21.6	20.2			
G166.0	24.9	28.0	30.2	28.4	23.6	21.2	19.8			
G167.0	24.7	27.8	29.6	28.1	23.5	20.8	19.6			
G168.0	24.6	27.1	29.1	27.6	23.0	20.5	19.4			
G169.0	24.0	26.7	28.6	27.3	22.5	20.4	19.2			
G170.0	23.8	26.2	28.0	26.8	22.3	20.0	18.8			
G171.0	23.7	25.9	27.6	26.5	21.8	19.8	18.2			
G172.0	23.5	25.4	26.9	26.0	21.8	19.3	18.3			
G173.0	23.1	24.9	26.3	25.2	21.1	19.4	18.0			
G174.0	22.9	24.4	26.0	24.7	20.8	19.3	17.8			
G175.0	22.4	23.7	25.1	24.3	20.3	18.8	17.8			
G176.0	21.9	23.3	24.6	23.8	20.4	18.6	17.5			
G177.0	21.4	22.8	23.7	23.5	19.6	18.6	17.7			
G178.0	21.2	22.2	23.7	22.8	19.6	18.5	17.5			
G179.0	20.6	21.6	22.8	22.5	19.1	18.1	17.5			
G180.0	20.2	21.2	22.3	22.0	18.9	18.1	17.5			

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: