

Report No.:

Test Time: 2025-12-12 11:04

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: SSL319A-1000W

Lamp Catalog:

Number of Lamps:

Luminous Length (mm):

Luminous Height (mm): -

Current: 0.0000 A

Power Factor: 0.0000

Luminaire Description: 1.95A

Lamp Description:

Lumens per Lamp:

Luminous Width (mm):

Voltage: 121.40 V

Power: 0.00 W

Photometric Results

CIE Class: Direct

Measurement Flux: 11419.1 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(50%): H124.2

Vertical Diffuse Angle(50%): V64.3

Luminous Efficacy (lm/w): 11419.13

Max. Intensity: 6735.46 cd

S/MH(C0/C180): 1.86

Total Rated Lamp Lumens: 11419.1 lm

Efficiency: 100%

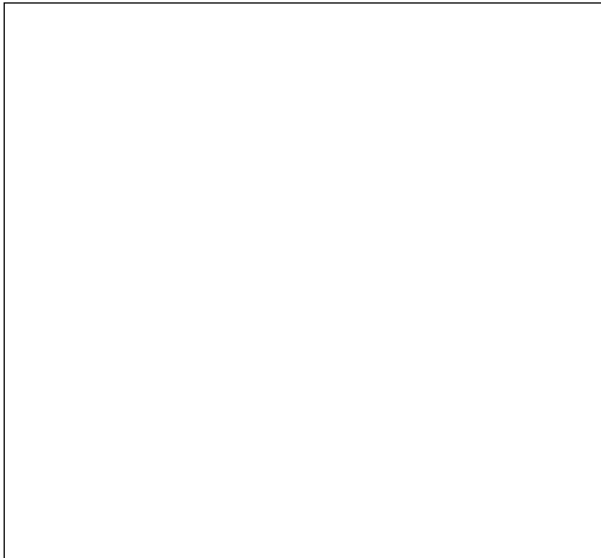
Upward Ratio: 1%

C0r0 Intensity: 4853.78 cd

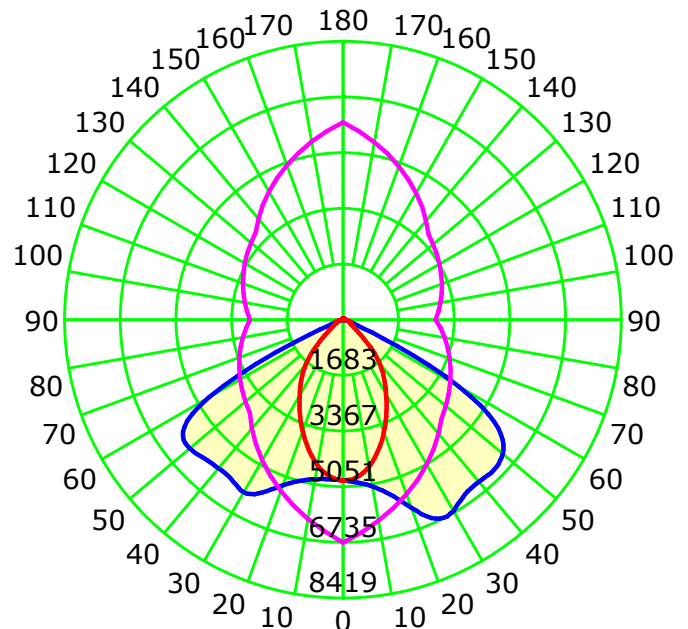
Pos of Max. Intensity: H0 V28

S/MH(C90/C270): 0.90

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

Average Diffuse Angle(50%): 94.0°

— C0-C180 — C90-C270 — G28

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

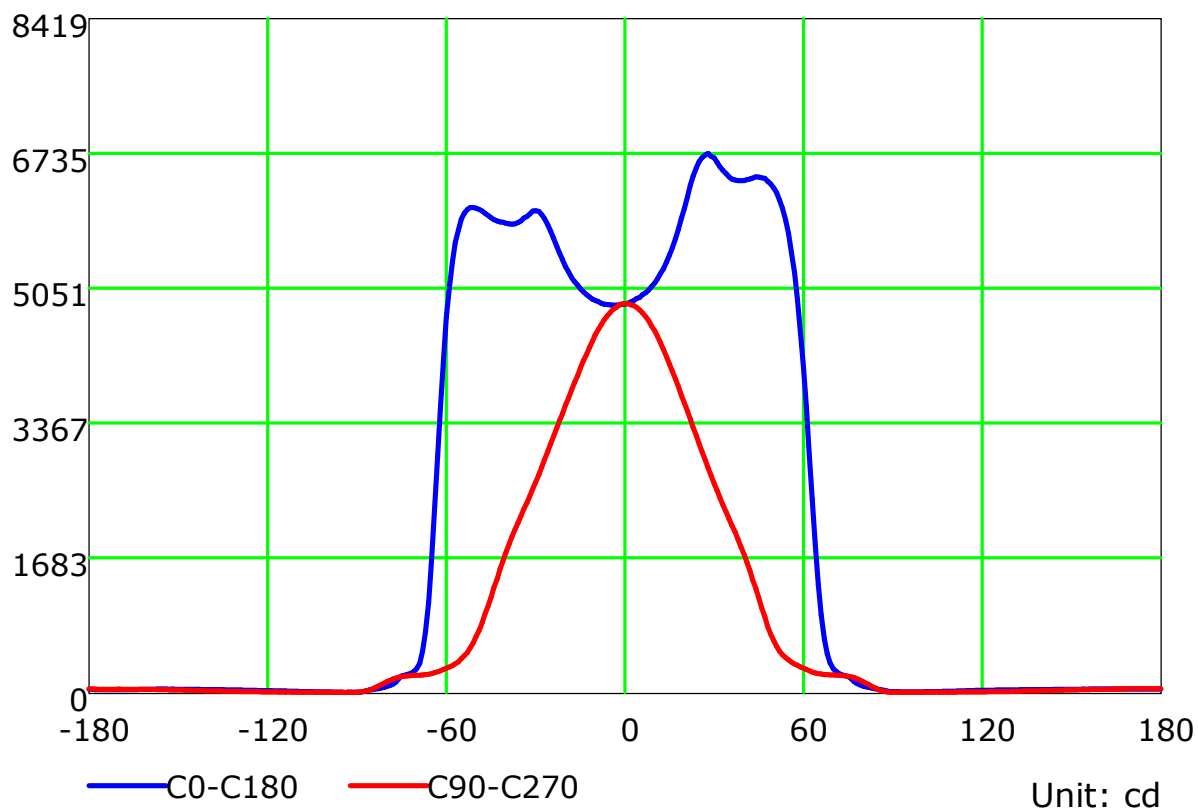
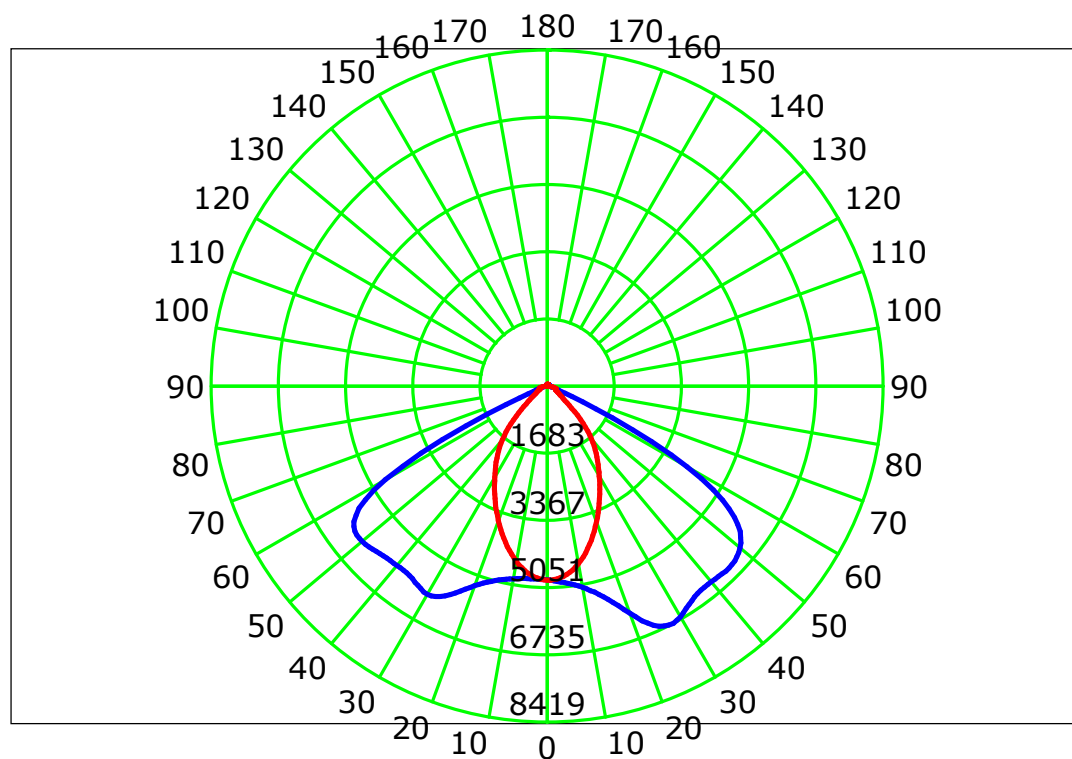
Test Device: GPM-1600L

Distance: 9.903 m [K=1.0000]

Humidity:

Inspector:

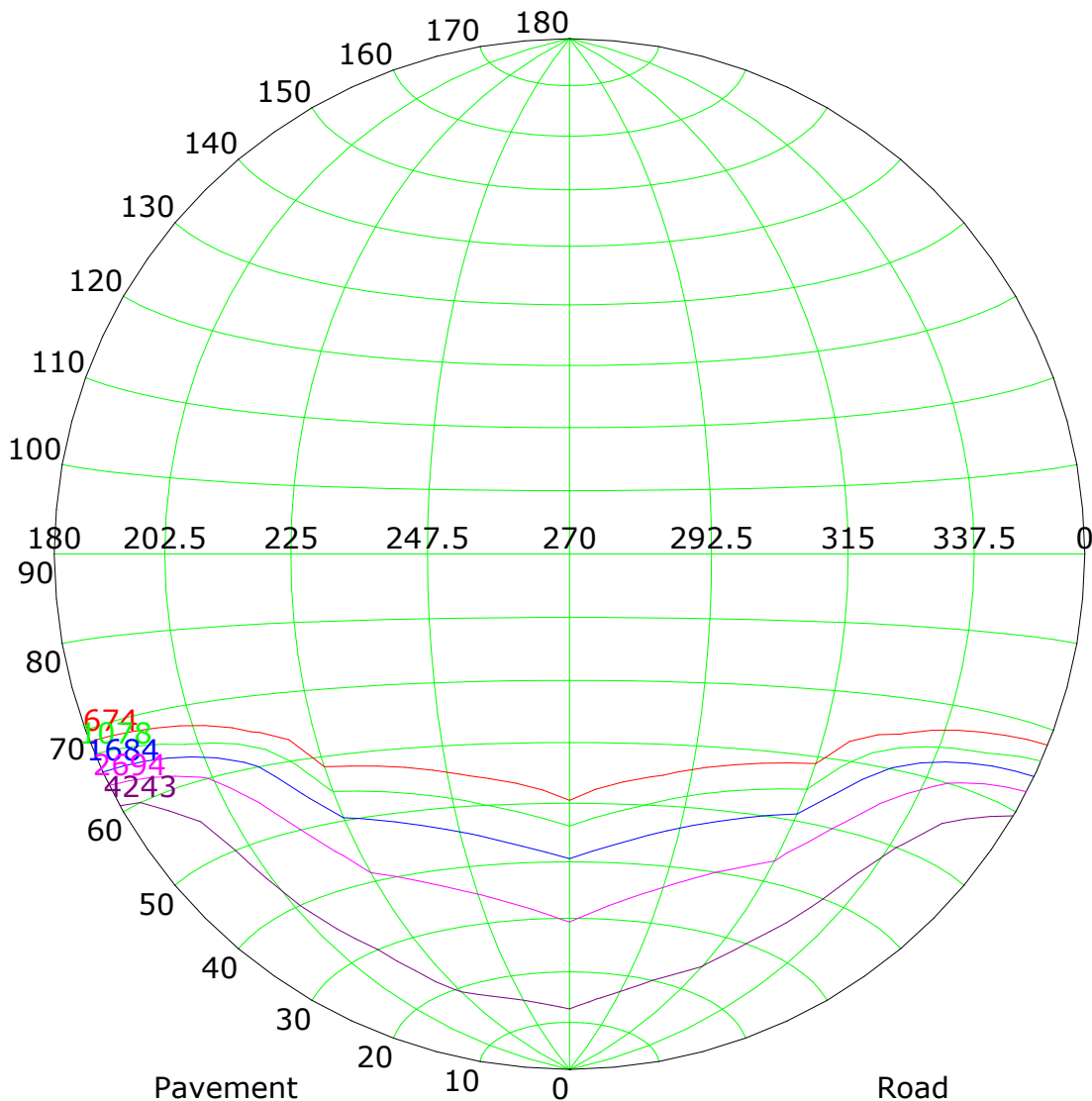
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 6735 cd

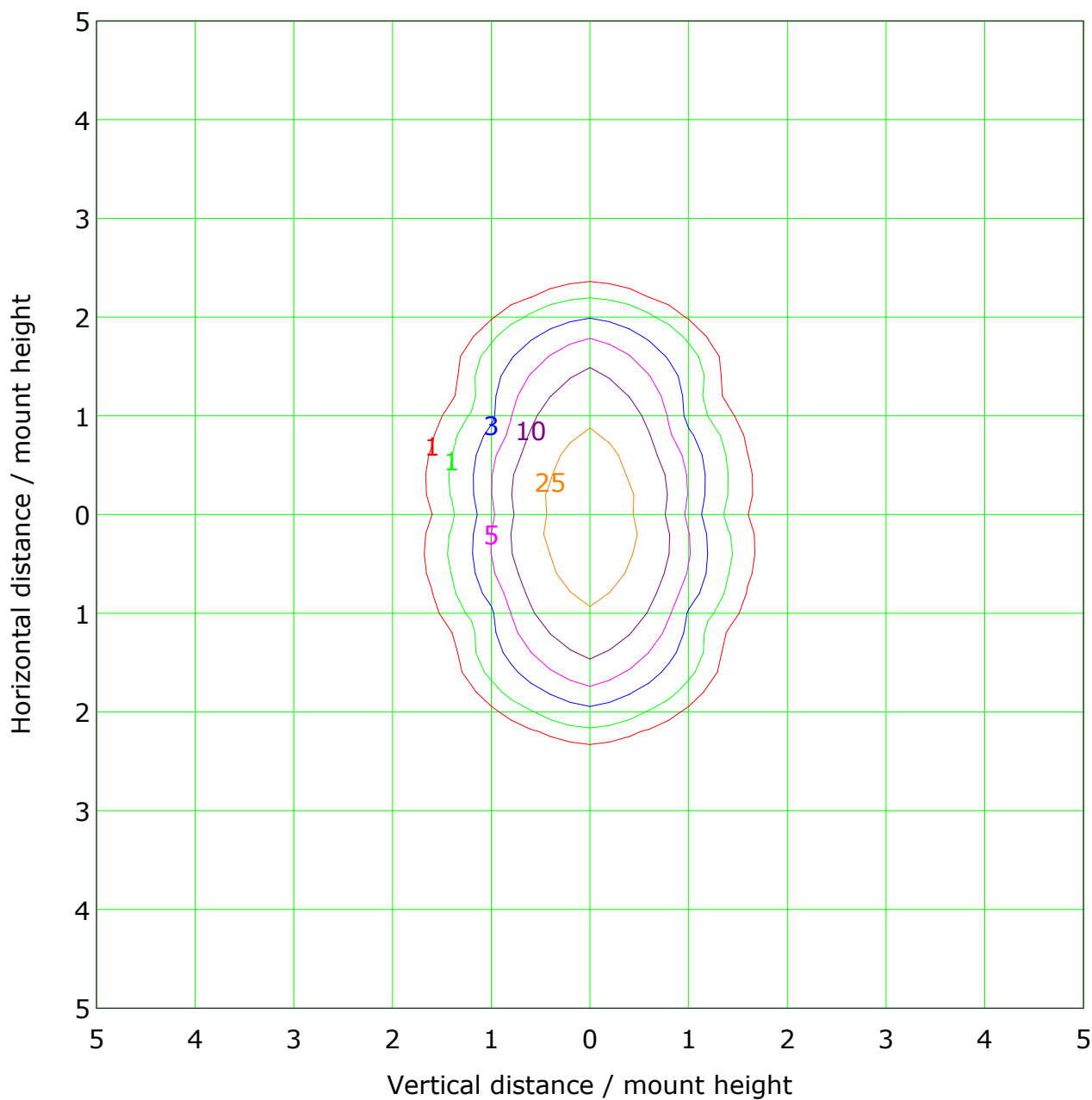
(10%): 674 cd
(25%): 1684 cd
(63%): 4243 cd

(16%): 1078 cd
(40%): 2694 cd
(100%): 6735 cd

CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 1.179 cd/klm

IES: Cut-off
Max.At80: 12.097 cd/klm
Max.80-90: 12.097 cd/klm

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 50.5 lx

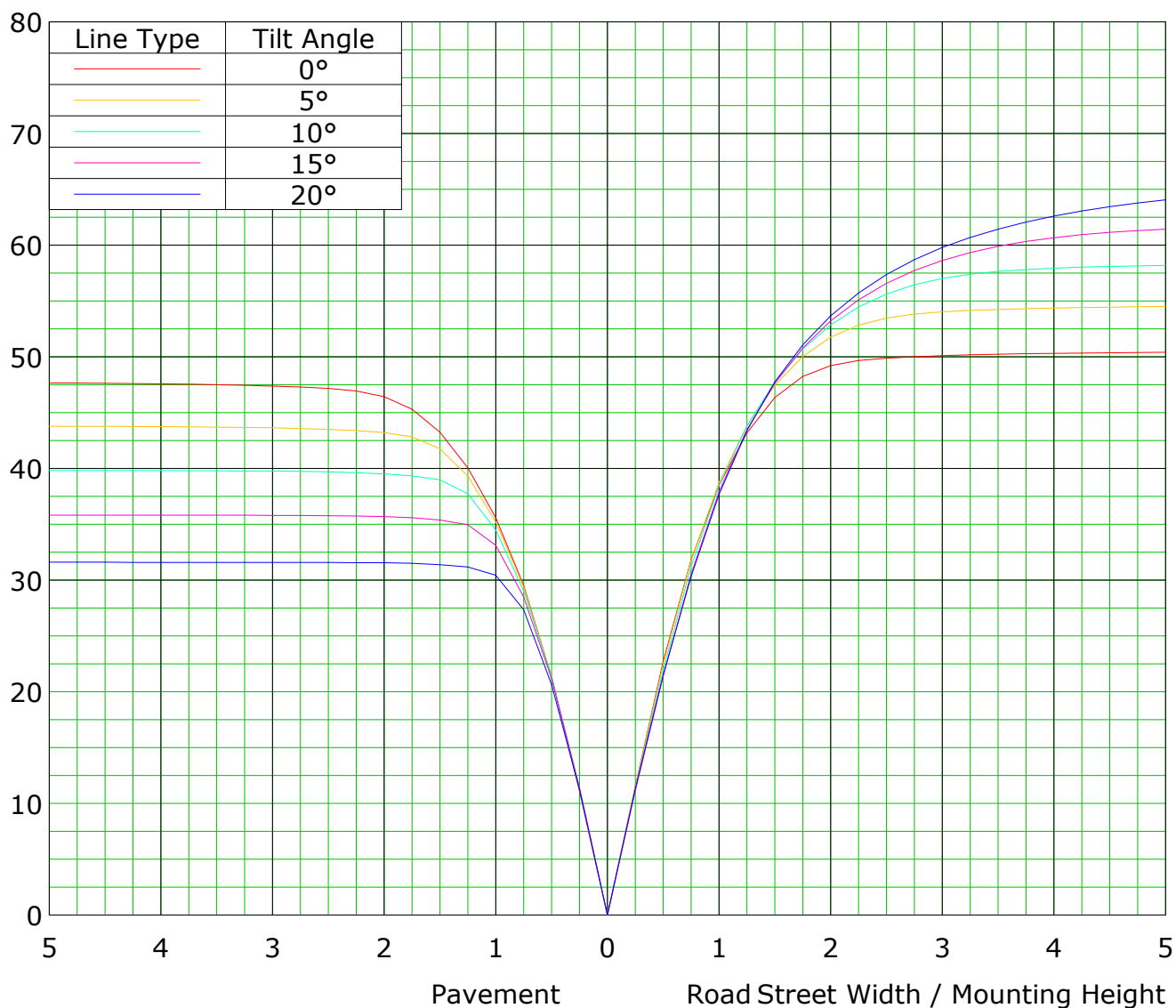
(1%): 0.5 lx	(2%): 1.0 lx
(5%): 2.5 lx	(10%): 5.1 lx
(20%): 10.1 lx	(50%): 25.3 lx
(100%): 50.5 lx	

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Roadway CU Curve

Efficiency(%)



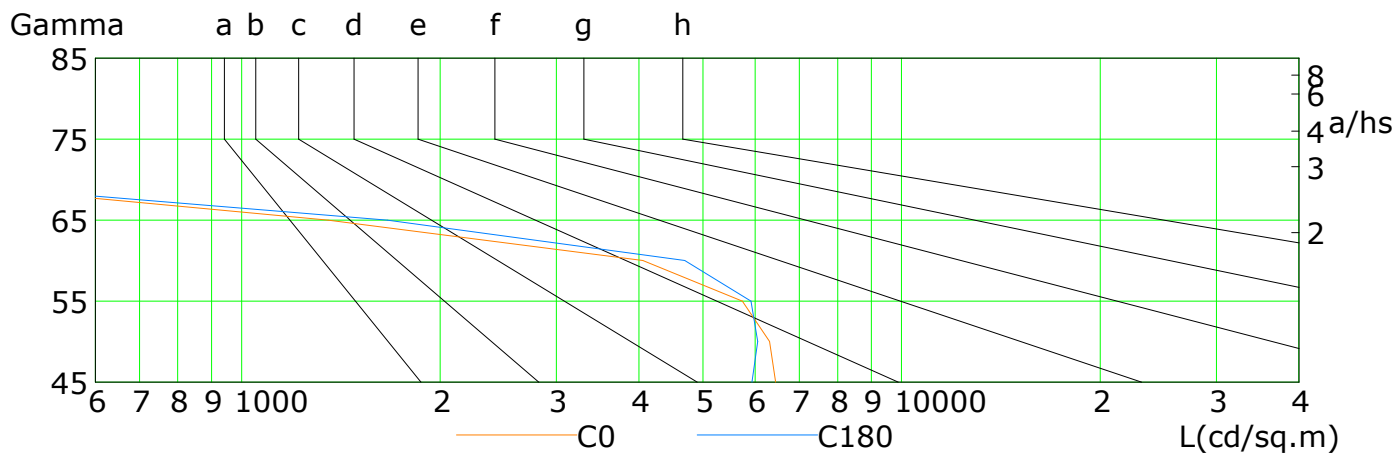
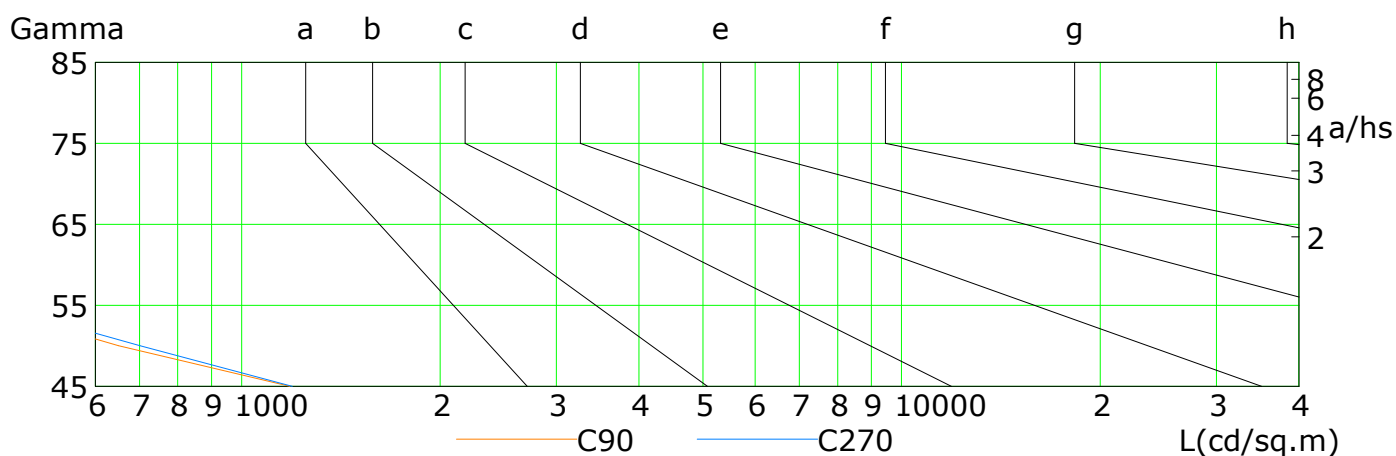
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
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

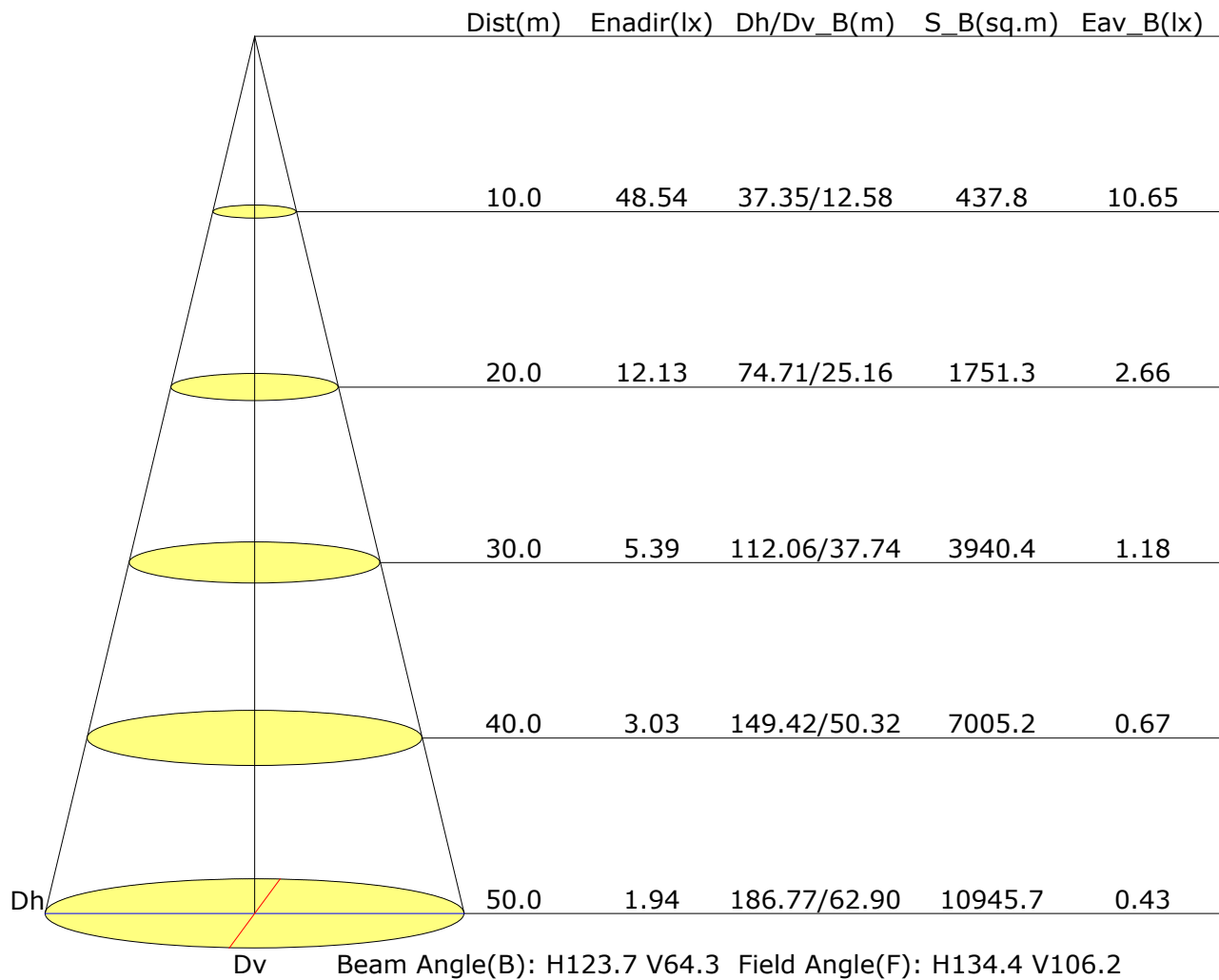


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	6441	6306	5736	4054	1352	299	201	82	44
C90	1184	650	408	306	238	222	206	138	43
C180	5935	6055	5916	4691	1662	299	209	78	38
C270	1194	701	424	307	238	217	201	136	45

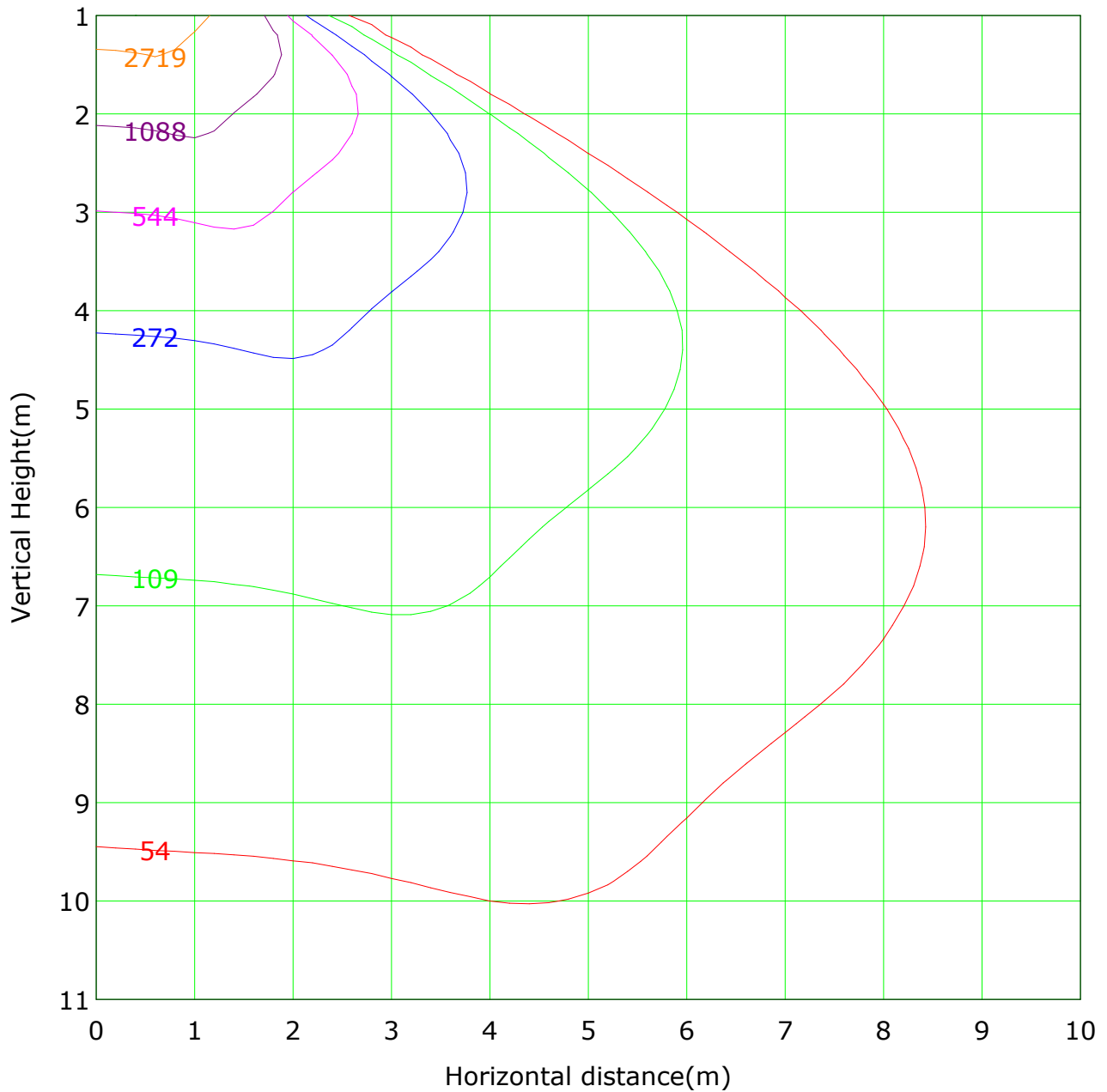
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 5438.9 lx

(1%): 54.4 lx	(2%): 108.8 lx
(5%): 271.9 lx	(10%): 543.9 lx
(20%): 1087.8 lx	(50%): 2719.5 lx
(100%): 5438.9 lx	

C Plane (°): 0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°): 0.0-180.0: 1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Area Flux Table

Unit: lm

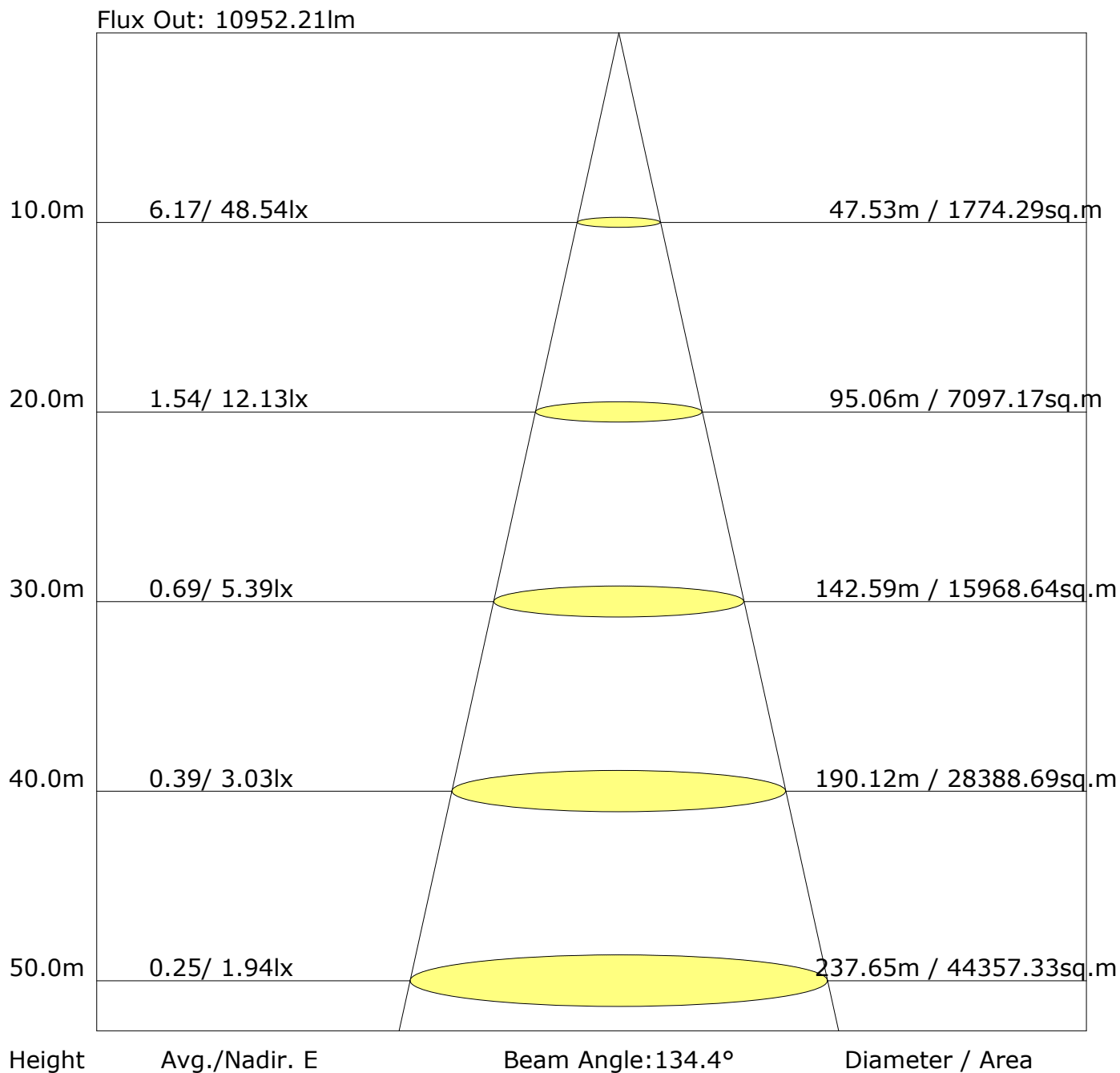
		Orbit																					
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	ϕ_0	ϕ_{flux}	ϕ_{flux}
Vertical plane	-90	0.0	0.1	0.2	0.4	0.6	0.9	1.2	1.4	1.6	1.6	1.4	1.2	0.9	0.6	0.4	0.3	0.1	0.0	12.9	0.0		
	-80	0.0	0.2	0.6	1.4	2.3	3.5	4.5	5.3	5.7	5.8	5.5	4.8	3.7	2.5	1.5	0.7	0.3	0.1	48.4	0.0		
	-70	0.1	0.4	1.2	2.8	4.6	6.2	7.3	7.9	7.8	7.9	8.2	7.7	6.6	4.9	3.0	1.3	0.4	0.1	78.6	0.0		
	-60	0.1	0.6	2.1	4.7	9.4	10.9	15.2	17.5	15.8	16.0	18.2	16.0	11.6	9.3	4.8	2.2	0.6	0.1	155.2	42.5		
	-50	0.1	0.8	3.0	13.1	29.5	30.0	39.9	44.6	41.1	41.8	46.5	42.0	31.3	27.8	11.8	3.1	0.9	0.1	407.5	389.5		
	-40	0.1	1.1	5.2	34.5	57.7	62.8	68.8	74.5	71.6	72.8	77.7	73.2	66.7	57.4	30.5	5.0	1.1	0.1	760.9	750.1		
	-30	0.1	1.3	11.0	58.4	82.3	90.8	94.5	99.8	99.0	101.1	104.9	100.8	98.0	85.7	53.7	9.6	1.3	0.1	1092.5	084.3		
	-20	0.1	1.5	18.9	77.9	102.0	114.2	123.1	123.5	125.3	128.3	132.5	134.3	123.9	108.8	74.3	16.1	1.5	0.1	1406.3	399.5		
	-10	0.1	1.5	25.4	93.5	119.4	136.6	146.9	141.9	143.1	146.1	153.4	165.5	149.2	128.5	90.7	21.5	1.5	0.1	1664.9	658.6		
	0	0.1	1.5	25.4	93.4	119.2	136.2	146.5	141.9	143.5	147.1	154.9	167.0	150.0	129.0	90.8	21.5	1.5	0.1	1669.8	663.5		
10	0.1	1.5	18.9	77.6	101.4	113.1	121.6	123.0	126.3	130.9	137.5	138.4	126.3	110.2	74.5	16.1	1.5	0.1	1419.0	412.1			
20	0.1	1.3	11.0	58.0	81.4	89.2	91.9	97.9	98.5	102.9	109.6	106.3	101.7	87.7	53.8	9.6	1.3	0.1	1102.5	094.4			
30	0.1	1.1	5.2	34.3	56.6	61.0	66.5	72.5	70.3	73.4	80.9	78.3	71.2	58.6	30.4	5.0	1.1	0.1	766.7	755.9			
40	0.1	0.8	3.1	13.1	28.7	28.2	38.0	43.0	40.0	42.2	48.8	45.4	33.2	27.6	11.8	3.1	0.8	0.1	408.0	389.0			
50	0.1	0.6	2.2	4.7	9.4	10.4	14.2	16.5	15.0	15.9	18.5	16.1	11.4	9.3	4.8	2.2	0.6	0.1	151.9	37.9			
60	0.1	0.4	1.3	2.9	4.7	6.3	7.4	8.0	7.8	7.9	8.2	7.8	6.6	4.9	2.9	1.3	0.4	0.1	78.9	0.0			
70	0.0	0.2	0.6	1.4	2.4	3.6	4.7	5.4	5.9	5.9	5.5	4.7	3.6	2.4	1.4	0.7	0.3	0.1	48.6	0.0			
80	0.0	0.1	0.2	0.3	0.5	0.8	1.1	1.4	1.6	1.6	1.4	1.1	0.8	0.5	0.4	0.2	0.1	0.0	12.2	0.0			
90	1.5	15.0	135.7	572.5	811.9	904.4	993.4	1026.1	1020.0	0049.3	1113.7	1110.4	996.8	855.9	541.4	119.3	15.4	1.8	11285				
Flux(T)	0.0	0.0	102.2	545.0	780.9	860.6	947.3	977.2	996.0	995.7	1066.2	1064.8	952.8	822.7	512.2	83.9	0.0	0.0		10677			
Flux(E)	0.0	0.0	102.2	545.0	780.9	860.6	947.3	977.2	996.0	995.7	1066.2	1064.8	952.8	822.7	512.2	83.9	0.0	0.0		10677			

Horizontal plane

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

The Average Illuminance Effective Figure



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 11419Im ($8\log(F/F_0) = 8.5$).

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	4860.0	4.7	4.7	0.04	0.04
1.0-2.0	4858.2	13.9	18.6	0.12	0.16
2.0-3.0	4854.1	23.2	41.8	0.20	0.37
3.0-4.0	4847.3	32.5	74.3	0.28	0.65
4.0-5.0	4837.8	41.6	115.9	0.36	1.01
5.0-6.0	4825.5	50.7	166.6	0.44	1.46
6.0-7.0	4810.9	59.7	226.3	0.52	1.98
7.0-8.0	4793.9	68.6	294.9	0.60	2.58
8.0-9.0	4775.5	77.4	372.4	0.68	3.26
9.0-10.0	4756.2	86.1	458.4	0.75	4.01
10.0-11.0	4734.9	94.6	553.1	0.83	4.84
11.0-12.0	4713.2	103.0	656.1	0.90	5.75
12.0-13.0	4691.2	111.3	767.5	0.98	6.72
13.0-14.0	4666.6	119.5	886.9	1.05	7.77
14.0-15.0	4643.0	127.5	1014.4	1.12	8.88
15.0-16.0	4619.8	135.4	1149.8	1.19	10.07
16.0-17.0	4597.5	143.2	1293.0	1.25	11.32
17.0-18.0	4576.3	150.9	1443.9	1.32	12.64
18.0-19.0	4554.3	158.5	1602.4	1.39	14.03
19.0-20.0	4532.8	165.9	1768.3	1.45	15.49
20.0-21.0	4511.5	173.3	1941.5	1.52	17.00
21.0-22.0	4490.8	180.5	2122.0	1.58	18.58
22.0-23.0	4467.0	187.5	2309.5	1.64	20.22
23.0-24.0	4438.0	194.1	2503.5	1.70	21.92
24.0-25.0	4404.0	200.3	2703.8	1.75	23.68
25.0-26.0	4365.3	206.1	2909.9	1.80	25.48
26.0-27.0	4320.1	211.4	3121.3	1.85	27.33
27.0-28.0	4268.2	216.1	3337.4	1.89	29.23
28.0-29.0	4210.5	220.3	3557.7	1.93	31.16
29.0-30.0	4146.3	223.9	3781.6	1.96	33.12
30.0-31.0	4079.7	227.1	4008.7	1.99	35.11
31.0-32.0	4009.1	229.7	4238.4	2.01	37.12
32.0-33.0	3936.6	231.9	4470.4	2.03	39.15
33.0-34.0	3868.0	234.1	4704.5	2.05	41.20
34.0-35.0	3798.1	235.9	4940.4	2.07	43.26
35.0-36.0	3729.6	237.5	5177.9	2.08	45.34

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	3666.6	239.2	5417.0	2.09	47.44
37.0-38.0	3603.3	240.5	5657.6	2.11	49.54
38.0-39.0	3541.7	241.8	5899.4	2.12	51.66
39.0-40.0	3478.3	242.6	6142.0	2.12	53.79
40.0-41.0	3414.8	243.2	6385.2	2.13	55.92
41.0-42.0	3351.6	243.5	6628.7	2.13	58.05
42.0-43.0	3281.4	243.1	6871.8	2.13	60.18
43.0-44.0	3209.6	242.3	7114.1	2.12	62.30
44.0-45.0	3134.9	241.0	7355.1	2.11	64.41
45.0-46.0	3051.8	238.7	7593.8	2.09	66.50
46.0-47.0	2966.3	236.0	7829.7	2.07	68.57
47.0-48.0	2873.7	232.3	8062.1	2.03	70.60
48.0-49.0	2775.7	228.0	8290.0	2.00	72.60
49.0-50.0	2678.6	223.4	8513.4	1.96	74.55
50.0-51.0	2574.1	217.8	8731.2	1.91	76.46
51.0-52.0	2467.7	211.8	8943.0	1.85	78.32
52.0-53.0	2362.2	205.5	9148.5	1.80	80.12
53.0-54.0	2250.2	198.4	9346.9	1.74	81.85
54.0-55.0	2137.2	190.8	9537.7	1.67	83.52
55.0-56.0	2018.8	182.5	9720.1	1.60	85.12
56.0-57.0	1897.8	173.5	9893.7	1.52	86.64
57.0-58.0	1774.5	164.1	10057.8	1.44	88.08
58.0-59.0	1642.1	153.5	10211.3	1.34	89.42
59.0-60.0	1503.8	142.1	10353.4	1.24	90.67
60.0-61.0	1352.3	129.1	10482.5	1.13	91.80
61.0-62.0	1187.1	114.4	10596.9	1.00	92.80
62.0-63.0	1019.0	99.1	10696.0	0.87	93.67
63.0-64.0	846.4	83.1	10779.0	0.73	94.39
64.0-65.0	683.0	67.6	10846.6	0.59	94.99
65.0-66.0	546.2	54.5	10901.1	0.48	95.46
66.0-67.0	436.1	43.9	10945.0	0.38	95.85
67.0-68.0	357.8	36.3	10981.3	0.32	96.17
68.0-69.0	305.8	31.2	11012.5	0.27	96.44
69.0-70.0	272.2	28.0	11040.4	0.24	96.68
70.0-71.0	251.7	26.0	11066.4	0.23	96.91
71.0-72.0	236.7	24.6	11091.0	0.22	97.13

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 2)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
72.0-73.0	224.3	23.5	11114.5	0.21	97.33
73.0-74.0	212.7	22.4	11136.9	0.20	97.53
74.0-75.0	199.6	21.1	11158.0	0.18	97.71
75.0-76.0	183.5	19.5	11177.4	0.17	97.88
76.0-77.0	163.5	17.4	11194.9	0.15	98.04
77.0-78.0	144.1	15.4	11210.3	0.14	98.17
78.0-79.0	128.6	13.8	11224.1	0.12	98.29
79.0-80.0	114.3	12.3	11236.4	0.11	98.40
80.0-81.0	100.0	10.8	11247.3	0.09	98.49
81.0-82.0	85.7	9.3	11256.6	0.08	98.58
82.0-83.0	70.7	7.7	11264.2	0.07	98.64
83.0-84.0	56.4	6.1	11270.4	0.05	98.70
84.0-85.0	43.7	4.8	11275.2	0.04	98.74
85.0-86.0	33.4	3.6	11278.8	0.03	98.77
86.0-87.0	24.8	2.7	11281.5	0.02	98.79
87.0-88.0	17.1	1.9	11283.4	0.02	98.81
88.0-89.0	11.5	1.3	11284.6	0.01	98.82
89.0-90.0	8.5	0.9	11285.6	0.01	98.83
90.0-91.0	6.9	0.8	11286.3	0.01	98.84
91.0-92.0	6.3	0.7	11287.0	0.01	98.84
92.0-93.0	6.0	0.7	11287.7	0.01	98.85
93.0-94.0	5.6	0.6	11288.3	0.01	98.85
94.0-95.0	5.8	0.6	11288.9	0.01	98.86
95.0-96.0	6.2	0.7	11289.6	0.01	98.87
96.0-97.0	6.5	0.7	11290.3	0.01	98.87
97.0-98.0	6.7	0.7	11291.0	0.01	98.88
98.0-99.0	6.8	0.7	11291.8	0.01	98.88
99.0-100.0	7.0	0.8	11292.5	0.01	98.89
100.0-101.0	7.4	0.8	11293.3	0.01	98.90
101.0-102.0	8.0	0.9	11294.2	0.01	98.91
102.0-103.0	8.4	0.9	11295.1	0.01	98.91
103.0-104.0	8.8	0.9	11296.0	0.01	98.92
104.0-105.0	9.2	1.0	11297.0	0.01	98.93
105.0-106.0	9.7	1.0	11298.0	0.01	98.94
106.0-107.0	10.2	1.1	11299.1	0.01	98.95
107.0-108.0	10.6	1.1	11300.2	0.01	98.96

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
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	11.1	1.2	11301.4	0.01	98.97
109.0-110.0	11.5	1.2	11302.6	0.01	98.98
110.0-111.0	12.0	1.2	11303.8	0.01	98.99
111.0-112.0	12.8	1.3	11305.1	0.01	99.00
112.0-113.0	13.6	1.4	11306.5	0.01	99.01
113.0-114.0	14.2	1.4	11307.9	0.01	99.03
114.0-115.0	14.7	1.5	11309.4	0.01	99.04
115.0-116.0	15.2	1.5	11310.9	0.01	99.05
116.0-117.0	15.9	1.6	11312.4	0.01	99.07
117.0-118.0	16.9	1.6	11314.1	0.01	99.08
118.0-119.0	17.7	1.7	11315.8	0.01	99.10
119.0-120.0	18.3	1.8	11317.5	0.02	99.11
120.0-121.0	19.1	1.8	11319.4	0.02	99.13
121.0-122.0	20.0	1.9	11321.2	0.02	99.14
122.0-123.0	20.7	1.9	11323.1	0.02	99.16
123.0-124.0	21.4	2.0	11325.1	0.02	99.18
124.0-125.0	22.0	2.0	11327.1	0.02	99.19
125.0-126.0	22.9	2.0	11329.1	0.02	99.21
126.0-127.0	23.9	2.1	11331.2	0.02	99.23
127.0-128.0	24.5	2.1	11333.4	0.02	99.25
128.0-129.0	25.2	2.2	11335.5	0.02	99.27
129.0-130.0	26.1	2.2	11337.7	0.02	99.29
130.0-131.0	26.8	2.2	11340.0	0.02	99.31
131.0-132.0	27.3	2.2	11342.2	0.02	99.33
132.0-133.0	28.0	2.3	11344.5	0.02	99.35
133.0-134.0	28.8	2.3	11346.8	0.02	99.37
134.0-135.0	29.3	2.3	11349.1	0.02	99.39
135.0-136.0	30.1	2.3	11351.4	0.02	99.41
136.0-137.0	30.8	2.3	11353.7	0.02	99.43
137.0-138.0	31.2	2.3	11356.0	0.02	99.45
138.0-139.0	31.7	2.3	11358.3	0.02	99.47
139.0-140.0	32.5	2.3	11360.6	0.02	99.49
140.0-141.0	33.1	2.3	11362.9	0.02	99.51
141.0-142.0	33.8	2.3	11365.2	0.02	99.53
142.0-143.0	34.6	2.3	11367.5	0.02	99.55
143.0-144.0	35.2	2.3	11369.8	0.02	99.57

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Zonal Lumen (Continue 4)

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
144.0-145.0	35.8	2.3	11372.1	0.02	99.59
145.0-146.0	36.3	2.3	11374.4	0.02	99.61
146.0-147.0	37.0	2.2	11376.6	0.02	99.63
147.0-148.0	37.8	2.2	11378.8	0.02	99.65
148.0-149.0	38.5	2.2	11381.1	0.02	99.67
149.0-150.0	38.9	2.2	11383.2	0.02	99.69
150.0-151.0	39.3	2.1	11385.3	0.02	99.70
151.0-152.0	39.8	2.1	11387.4	0.02	99.72
152.0-153.0	40.2	2.0	11389.5	0.02	99.74
153.0-154.0	40.8	2.0	11391.5	0.02	99.76
154.0-155.0	41.3	2.0	11393.4	0.02	99.77
155.0-156.0	41.8	1.9	11395.3	0.02	99.79
156.0-157.0	42.3	1.9	11397.2	0.02	99.81
157.0-158.0	42.7	1.8	11399.0	0.02	99.82
158.0-159.0	43.0	1.7	11400.7	0.02	99.84
159.0-160.0	43.2	1.7	11402.3	0.01	99.85
160.0-161.0	43.6	1.6	11403.9	0.01	99.87
161.0-162.0	43.9	1.5	11405.5	0.01	99.88
162.0-163.0	44.2	1.5	11406.9	0.01	99.89
163.0-164.0	44.3	1.4	11408.3	0.01	99.91
164.0-165.0	44.2	1.3	11409.6	0.01	99.92
165.0-166.0	44.3	1.2	11410.8	0.01	99.93
166.0-167.0	44.4	1.1	11411.9	0.01	99.94
167.0-168.0	44.4	1.1	11413.0	0.01	99.95
168.0-169.0	44.6	1.0	11414.0	0.01	99.95
169.0-170.0	44.7	0.9	11414.9	0.01	99.96
170.0-171.0	44.5	0.8	11415.7	0.01	99.97
171.0-172.0	44.4	0.7	11416.4	0.01	99.98
172.0-173.0	44.4	0.6	11417.0	0.01	99.98
173.0-174.0	44.4	0.6	11417.6	0.00	99.99
174.0-175.0	44.6	0.5	11418.0	0.00	99.99
175.0-176.0	44.8	0.4	11418.4	0.00	99.99
176.0-177.0	44.9	0.3	11418.7	0.00	100.00
177.0-178.0	45.4	0.2	11419.0	0.00	100.00
178.0-179.0	46.1	0.1	11419.1	0.00	100.00
179.0-180.0	46.6	0.0	11419.1	0.00	100.00

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.903 m [K=1.0000]
 Humidity:
 Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 7355.07 lm

%lum = 64.4%

%lamp = 64.4%

cone flux(120°): 10353.40 lm

%lum = 90.7%

%lamp = 90.7%

Candlepower Table

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G0.0	4853.8	4870.5	4862.6	4857.0	4853.8	4870.5	4862.6	4857.0	4853.8	
G1.0	4866.3	4868.9	4861.9	4849.0	4849.5	4854.4	4858.1	4863.6	4866.3	
G2.0	4882.1	4876.9	4847.2	4842.3	4847.0	4851.8	4845.5	4866.0	4882.1	
G3.0	4899.2	4885.0	4835.7	4827.6	4840.8	4837.0	4814.8	4866.2	4899.2	
G4.0	4923.7	4884.4	4814.0	4813.5	4841.9	4813.2	4791.2	4868.2	4923.7	
G5.0	4938.8	4882.7	4782.0	4795.0	4847.0	4798.7	4748.7	4861.6	4938.8	
G6.0	4972.2	4882.1	4745.0	4773.9	4848.1	4767.6	4709.4	4855.8	4972.2	
G7.0	4996.4	4875.7	4697.0	4751.6	4852.3	4743.8	4658.4	4845.2	4996.4	
G8.0	5031.2	4868.9	4650.3	4724.8	4866.6	4710.6	4598.6	4831.6	5031.2	
G9.0	5073.3	4858.1	4582.4	4693.3	4885.9	4676.2	4538.8	4816.8	5073.3	
G10.0	5116.8	4850.7	4522.7	4662.5	4902.0	4651.9	4468.9	4799.0	5116.8	
G11.0	5172.8	4845.7	4449.1	4625.7	4919.0	4606.6	4385.2	4780.2	5172.8	
G12.0	5238.7	4835.7	4371.7	4589.4	4943.9	4580.1	4309.3	4758.3	5238.7	
G13.0	5295.3	4825.5	4290.0	4550.7	4974.2	4539.4	4224.6	4732.5	5295.3	
G14.0	5380.3	4808.4	4196.7	4503.1	5007.7	4485.7	4145.0	4706.8	5380.3	
G15.0	5466.8	4782.2	4105.7	4463.2	5044.9	4453.6	4056.3	4680.9	5466.8	
G16.0	5555.8	4777.0	4016.4	4418.7	5092.7	4401.4	3957.3	4644.7	5555.8	
G17.0	5674.1	4753.4	3919.4	4363.5	5137.1	4363.9	3870.6	4614.4	5674.1	
G18.0	5788.2	4740.3	3827.4	4310.5	5190.2	4310.7	3778.6	4577.8	5788.2	
G19.0	5920.5	4714.6	3718.4	4253.9	5256.6	4259.5	3681.3	4540.0	5920.5	
G20.0	6054.4	4682.8	3616.0	4200.3	5324.5	4209.3	3590.6	4501.5	6054.4	
G21.0	6188.4	4658.1	3523.0	4140.4	5410.5	4148.1	3486.9	4449.0	6188.4	
G22.0	6339.1	4611.8	3420.2	4075.7	5491.1	4109.1	3400.6	4401.6	6339.1	
G23.0	6452.0	4566.3	3314.8	4012.8	5579.1	4048.2	3304.1	4345.7	6452.0	
G24.0	6557.7	4517.7	3212.9	3948.1	5676.2	3987.4	3202.8	4281.6	6557.7	
G25.0	6636.5	4445.5	3107.4	3874.4	5763.6	3930.1	3108.3	4213.6	6636.5	
G26.0	6686.6	4386.6	3009.6	3807.5	5845.6	3870.6	3014.2	4145.0	6686.6	
G27.0	6717.5	4302.0	2903.9	3727.1	5920.4	3805.3	2914.8	4064.3	6717.5	
G28.0	6735.5	4221.8	2805.7	3655.5	5972.5	3738.4	2819.3	3987.8	6735.5	
G29.0	6703.3	4136.5	2714.0	3581.9	6013.4	3664.8	2720.6	3897.0	6703.3	
G30.0	6682.7	4050.9	2609.9	3498.4	6020.0	3596.1	2631.4	3820.6	6682.7	
G31.0	6623.5	3968.6	2524.8	3422.2	6017.0	3523.5	2545.3	3740.4	6623.5	
G32.0	6569.2	3885.6	2434.4	3348.6	5982.3	3447.9	2456.4	3655.9	6569.2	
G33.0	6527.2	3795.1	2345.1	3264.6	5951.0	3367.0	2375.2	3580.2	6527.2	
G34.0	6487.0	3721.3	2259.7	3192.6	5929.1	3298.0	2295.2	3500.5	6487.0	
G35.0	6443.7	3630.9	2172.6	3108.6	5891.9	3213.5	2206.0	3419.1	6443.7	
G36.0	6418.8	3561.7	2090.9	3037.4	5872.3	3140.6	2123.5	3341.9	6418.8	

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600L
 Distance: 9.903 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G37.0	6403.8	3482.0	2010.9	2962.0	5858.0	3064.7	2035.7	3260.9	6403.8	
G38.0	6397.7	3398.3	1917.5	2884.6	5855.2	2989.6	1948.5	3184.0	6397.7	
G39.0	6396.9	3325.5	1827.5	2808.0	5857.3	2909.2	1855.7	3111.2	6396.9	
G40.0	6398.1	3236.9	1729.6	2730.7	5865.0	2824.9	1749.5	3026.1	6398.1	
G41.0	6409.3	3159.4	1628.6	2655.8	5878.3	2752.1	1646.8	2946.3	6409.3	
G42.0	6416.3	3074.1	1529.2	2577.3	5883.2	2660.8	1547.1	2860.6	6416.3	
G43.0	6430.6	2975.9	1408.9	2485.3	5893.4	2574.2	1423.5	2762.4	6430.6	
G44.0	6445.2	2881.2	1301.7	2397.7	5911.5	2481.7	1317.6	2663.1	6445.2	
G45.0	6441.4	2778.6	1183.9	2299.8	5934.9	2380.1	1193.7	2546.7	6441.4	
G46.0	6432.9	2642.9	1060.0	2188.6	5960.8	2268.7	1087.2	2429.5	6432.9	
G47.0	6425.5	2515.9	951.2	2068.0	5989.2	2156.4	984.1	2299.5	6425.5	
G48.0	6388.6	2366.3	827.9	1939.2	6018.3	2023.9	875.4	2149.8	6388.6	
G49.0	6358.5	2211.5	735.4	1807.9	6037.9	1889.5	781.4	2000.2	6358.5	
G50.0	6306.0	2047.8	650.5	1667.7	6055.3	1752.7	700.8	1853.8	6306.0	
G51.0	6246.4	1855.5	577.7	1514.1	6060.5	1595.6	621.0	1679.7	6246.4	
G52.0	6154.1	1685.7	518.2	1370.7	6060.5	1454.2	562.0	1528.0	6154.1	
G53.0	6055.1	1509.2	475.9	1222.0	6039.2	1293.4	503.8	1362.9	6055.1	
G54.0	5905.7	1313.3	436.5	1068.7	5988.3	1154.8	461.1	1212.8	5905.7	
G55.0	5735.6	1137.1	408.5	933.8	5916.4	1022.2	424.1	1076.4	5735.6	
G56.0	5501.7	967.6	382.0	799.9	5783.3	885.8	387.5	939.6	5501.7	
G57.0	5246.6	829.6	360.0	693.0	5623.9	777.8	361.2	825.6	5246.6	
G58.0	4911.1	714.7	342.4	606.3	5377.7	668.4	338.7	715.0	4911.1	
G59.0	4510.3	610.5	322.9	535.7	5073.5	590.2	321.0	634.4	4510.3	
G60.0	4053.5	540.6	305.5	475.6	4690.9	522.4	307.2	565.9	4053.5	
G61.0	3563.7	480.8	290.2	441.8	4139.8	467.0	290.2	500.9	3563.7	
G62.0	2963.4	441.7	273.2	404.3	3583.0	419.6	274.6	459.4	2963.4	
G63.0	2420.0	409.4	259.1	378.6	2956.1	384.0	260.2	416.9	2420.0	
G64.0	1824.9	380.3	245.1	352.3	2272.1	352.3	248.0	383.1	1824.9	
G65.0	1352.2	359.5	238.0	332.1	1662.1	330.9	238.0	356.9	1352.2	
G66.0	975.1	338.7	233.6	316.7	1132.2	309.8	229.5	333.2	975.1	
G67.0	671.3	317.0	227.2	298.6	761.8	292.8	225.5	315.1	671.3	
G68.0	485.4	301.2	224.7	284.4	520.6	277.5	221.5	300.1	485.4	
G69.0	368.4	285.8	222.6	269.7	367.5	262.5	219.1	281.9	368.4	
G70.0	298.9	270.8	221.5	254.6	298.9	247.4	217.4	268.3	298.9	
G71.0	264.2	255.2	219.5	237.4	263.1	237.7	216.6	255.2	264.2	
G72.0	239.7	237.9	216.9	226.9	242.9	221.2	213.9	238.0	239.7	
G73.0	222.7	222.7	215.1	212.2	231.1	208.2	211.0	228.9	222.7	

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G74.0	212.3	203.3	211.1	197.5	218.8	191.1	206.8	210.5	212.3	
G75.0	200.6	181.4	205.9	179.0	208.8	175.0	201.2	190.2	200.6	
G76.0	176.5	162.5	198.3	159.7	176.7	155.9	193.2	171.6	176.5	
G77.0	140.0	146.3	188.6	144.4	131.7	136.5	181.9	152.4	140.0	
G78.0	112.3	132.6	173.3	130.3	106.5	121.9	168.7	137.8	112.3	
G79.0	96.1	118.9	158.3	118.4	90.4	111.4	154.7	125.1	96.1	
G80.0	82.3	105.1	138.1	104.2	77.7	99.7	136.1	111.5	82.3	
G81.0	72.8	87.8	119.9	91.5	67.9	90.1	119.2	96.4	72.8	
G82.0	64.3	71.1	101.1	76.0	58.9	75.9	98.4	80.2	64.3	
G83.0	56.9	55.8	79.2	58.7	51.3	60.7	80.0	62.7	56.9	
G84.0	49.9	42.8	60.3	41.2	44.5	46.3	62.3	49.4	49.9	
G85.0	43.6	32.3	42.7	29.5	37.9	34.7	45.1	36.1	43.6	
G86.0	38.9	24.9	27.8	23.1	32.1	26.3	32.0	26.9	38.9	
G87.0	31.5	17.8	18.5	15.4	22.5	18.4	21.0	19.3	31.5	
G88.0	21.0	13.5	10.4	10.9	12.7	13.3	13.3	13.9	21.0	
G89.0	15.6	9.2	7.3	8.4	7.5	8.9	8.7	9.3	15.6	
G90.0	13.5	7.2	6.7	5.8	5.5	7.0	6.7	8.3	13.5	
G91.0	12.9	7.3	4.4	5.7	5.2	5.3	3.5	5.8	12.9	
G92.0	13.8	6.6	5.3	4.4	5.2	4.7	4.6	6.3	13.8	
G93.0	11.2	6.4	4.6	5.7	4.9	3.4	4.1	5.3	11.2	
G94.0	10.3	5.7	5.3	5.8	3.1	5.1	3.5	5.5	10.3	
G95.0	10.6	7.3	4.9	4.9	5.8	5.1	4.7	5.2	10.6	
G96.0	10.6	7.2	5.2	6.1	6.6	5.5	4.6	4.4	10.6	
G97.0	10.7	7.0	5.1	6.6	7.8	5.7	4.7	5.7	10.7	
G98.0	10.7	7.0	4.9	6.9	8.0	6.4	4.9	5.3	10.7	
G99.0	11.8	7.0	4.9	6.0	8.4	6.0	4.7	6.4	11.8	
G100.0	11.3	7.5	5.5	7.7	9.5	4.3	5.2	6.0	11.3	
G101.0	12.7	8.4	5.2	7.8	9.2	6.7	4.9	7.2	12.7	
G102.0	13.3	8.9	5.5	8.3	10.3	7.8	4.9	7.2	13.3	
G103.0	13.0	9.6	6.0	6.9	11.6	8.3	5.7	7.5	13.0	
G104.0	13.8	9.2	6.4	8.9	11.8	8.7	5.5	7.7	13.8	
G105.0	14.8	9.8	6.6	8.9	12.5	8.6	6.1	7.2	14.8	
G106.0	15.9	10.3	6.1	9.6	14.1	9.6	6.0	9.5	15.9	
G107.0	16.2	11.0	6.3	10.3	13.5	9.8	6.0	9.8	16.2	
G108.0	16.5	10.7	7.7	10.3	15.1	10.9	6.0	9.3	16.5	
G109.0	18.4	11.5	7.2	10.3	15.8	11.2	7.2	9.5	18.4	
G110.0	19.0	11.8	6.4	11.5	16.2	10.1	7.8	11.0	19.0	

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Candlepower Table (Continue 3)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G111.0	19.6	12.4	7.5	12.1	17.4	10.7	7.3	11.3	19.6	
G112.0	21.3	12.9	8.4	13.2	18.4	12.7	7.8	11.8	21.3	
G113.0	22.5	13.8	8.7	13.6	19.1	13.3	8.4	12.2	22.5	
G114.0	23.9	14.8	9.3	14.1	20.6	13.6	5.5	13.5	23.9	
G115.0	24.9	15.6	8.6	15.0	20.0	14.1	8.4	12.7	24.9	
G116.0	25.9	15.6	9.3	15.1	21.7	14.7	8.0	13.5	25.9	
G117.0	25.9	17.4	9.9	15.6	22.3	16.1	9.3	14.4	25.9	
G118.0	28.9	18.8	10.9	18.0	23.1	15.9	8.3	15.3	28.9	
G119.0	28.5	17.8	11.5	18.4	24.9	17.3	9.5	16.1	28.5	
G120.0	29.4	20.5	10.7	19.1	24.6	17.9	10.3	17.3	29.4	
G121.0	30.8	20.5	11.6	20.0	25.5	19.0	11.0	17.9	30.8	
G122.0	31.4	21.3	12.4	21.1	27.7	19.9	11.8	18.5	31.4	
G123.0	32.0	21.9	12.7	21.0	27.7	20.6	12.1	20.0	32.0	
G124.0	31.5	22.5	13.9	23.1	29.1	21.3	13.2	19.7	31.5	
G125.0	33.3	22.8	14.2	22.6	29.1	22.2	13.5	20.8	33.3	
G126.0	33.0	25.2	14.2	24.6	30.3	24.2	13.0	22.8	33.0	
G127.0	34.3	25.4	15.0	25.7	30.8	24.6	14.8	23.7	34.3	
G128.0	34.6	26.5	15.6	25.4	32.0	25.7	14.5	23.9	34.6	
G129.0	34.6	26.9	15.8	27.5	32.3	27.7	14.8	25.5	34.6	
G130.0	35.2	27.1	17.3	28.3	32.3	28.9	16.2	26.6	35.2	
G131.0	35.2	28.5	17.3	28.9	34.1	28.8	16.5	27.7	35.2	
G132.0	36.0	28.3	18.8	28.1	35.3	28.9	17.1	27.5	36.0	
G133.0	36.3	28.6	19.6	31.1	35.6	31.1	17.0	28.0	36.3	
G134.0	36.9	30.3	20.5	30.0	35.8	31.8	17.9	29.7	36.9	
G135.0	36.1	30.1	20.8	31.5	36.6	33.2	18.5	29.5	36.1	
G136.0	37.2	31.4	22.3	33.0	37.3	33.3	20.5	30.1	37.2	
G137.0	37.6	31.4	22.3	33.5	37.5	33.0	21.7	30.8	37.6	
G138.0	37.3	31.8	23.1	34.0	36.3	34.1	22.8	31.5	37.3	
G139.0	38.7	32.7	23.6	35.0	37.9	35.2	22.0	31.7	38.7	
G140.0	38.7	33.3	24.9	34.9	38.7	36.0	23.7	32.1	38.7	
G141.0	39.2	33.3	25.9	36.1	39.6	36.9	23.6	32.1	39.2	
G142.0	39.8	35.0	27.5	37.2	39.0	37.0	26.0	33.2	39.8	
G143.0	39.6	34.9	27.2	37.3	40.4	37.8	26.9	34.0	39.6	
G144.0	40.5	36.6	28.8	38.4	41.2	37.8	27.4	34.7	40.5	
G145.0	41.2	36.0	29.4	38.9	40.4	38.9	28.3	34.9	41.2	
G146.0	41.6	37.2	29.7	39.2	41.5	39.3	28.9	35.5	41.6	
G147.0	41.9	38.7	30.8	40.1	42.1	39.9	29.8	36.0	41.9	

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector:

Candlepower Table (Continue 4)

Unit: cd

G\C	C0.0	C45.0	C90.0	C135.0	C180.0	C225.0	C270.0	C315.0	C360.0	
G148.0	43.1	37.6	32.7	40.5	42.4	40.2	31.7	37.3	43.1	
G149.0	43.3	38.9	33.0	41.5	43.6	40.5	32.1	36.9	43.3	
G150.0	43.1	39.3	34.1	41.6	43.0	42.1	32.3	36.9	43.1	
G151.0	43.1	39.9	35.3	42.1	43.3	40.5	33.3	38.7	43.1	
G152.0	43.8	40.2	35.3	43.0	44.1	42.4	34.1	37.8	43.8	
G153.0	43.8	41.6	36.1	43.0	43.9	41.8	34.4	38.7	43.8	
G154.0	44.1	41.3	36.4	43.5	44.2	43.5	37.0	40.1	44.1	
G155.0	43.6	41.5	38.1	43.9	44.7	43.0	36.6	40.2	43.6	
G156.0	44.2	42.1	39.0	44.4	45.0	43.6	38.5	40.8	44.2	
G157.0	44.4	42.4	40.5	44.2	44.2	44.4	38.3	41.5	44.4	
G158.0	45.1	42.5	41.0	45.0	43.9	43.9	40.4	41.0	45.1	
G159.0	44.1	43.5	40.5	45.0	43.3	44.5	40.7	42.8	44.1	
G160.0	44.5	42.7	42.5	46.2	43.0	44.8	40.7	42.7	44.5	
G161.0	44.1	43.8	42.8	46.8	42.1	45.4	42.2	43.0	44.1	
G162.0	44.7	43.9	43.6	47.6	41.5	45.7	42.5	42.7	44.7	
G163.0	44.8	44.8	45.0	46.7	40.7	45.9	43.5	43.0	44.8	
G164.0	45.3	45.3	45.0	46.0	39.8	46.5	43.3	42.7	45.3	
G165.0	44.7	45.1	46.2	47.1	39.5	45.9	42.8	42.7	44.7	
G166.0	44.5	45.6	46.7	46.2	39.2	46.3	42.5	43.6	44.5	
G167.0	44.8	45.7	47.1	47.9	38.1	45.4	42.8	43.3	44.8	
G168.0	44.5	45.3	48.8	46.5	37.8	46.0	42.8	42.8	44.5	
G169.0	45.6	46.2	48.7	47.4	38.1	46.0	43.9	43.0	45.6	
G170.0	44.5	45.6	49.3	47.3	36.7	45.7	44.1	43.0	44.5	
G171.0	45.7	46.3	49.6	47.1	36.7	45.3	43.1	41.9	45.7	
G172.0	45.7	47.1	50.5	48.0	36.4	43.5	42.5	41.5	45.7	
G173.0	46.0	47.3	50.0	47.4	36.1	43.8	42.8	41.5	46.0	
G174.0	46.2	46.8	50.3	47.6	36.6	44.4	42.1	41.6	46.2	
G175.0	46.0	46.5	51.9	47.1	37.2	43.6	43.3	42.2	46.0	
G176.0	46.2	47.3	50.6	47.3	37.2	44.4	43.5	42.8	46.2	
G177.0	46.3	47.0	51.1	48.0	38.3	43.0	43.3	43.0	46.3	
G178.0	47.1	48.2	51.9	47.7	39.9	43.9	45.3	43.1	47.1	
G179.0	47.1	48.0	51.4	47.4	41.2	44.7	47.4	43.9	47.1	
G180.0	44.7	47.9	50.3	46.2	42.8	45.7	49.9	46.8	44.7	

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.0000]
Humidity:
Inspector: