

Report No.: 7022B

Test Time: 2024/9/14 17:50

Luminaire Property

Luminaire Manufacturer: BBT LIGHTING
 Luminaire Category: OUTDOOR LAMP
 Luminaire Description: TREDO 332100

Voltage: 220.4 V
 Power: 40.40 W

Current: 0.194 A
 Power Factor: 0.947

Photometric Results

CIE Class: Direct
 Measurement Flux: 3845.3 lm
 Downward Ratio: 99%
 Horizontal Diffuse Angle(50%): H92.9
 Vertical Diffuse Angle(50%): V93.3
 Luminaire Efficacy Rating (LER): 95.23
 Max. Intensity: 1830.47 cd
 S/MH(C0/C180): 1.13

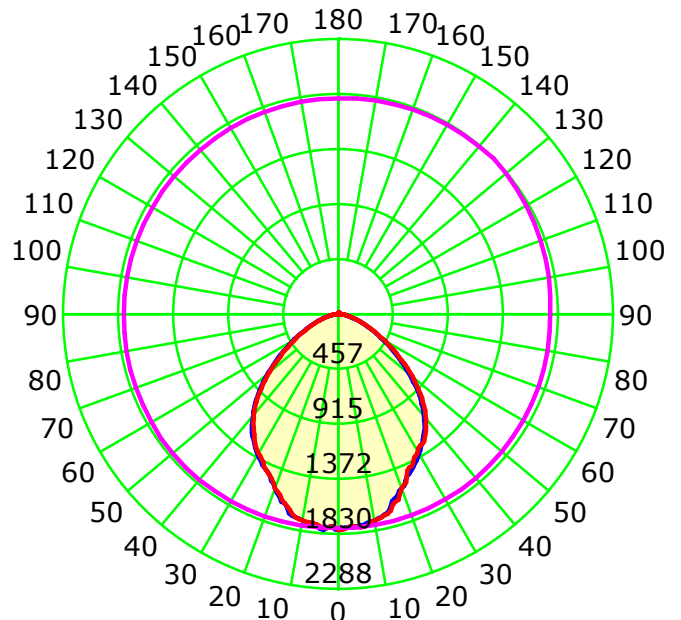
Total Rated Lamp Lumens: 3845.3 lm
 Efficiency: 100%
 Upward Ratio: 1%

C0r0 Intensity: 1796.89 cd
 Pos of Max. Intensity: H135 V4
 S/MH(C90/C270): 1.11

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

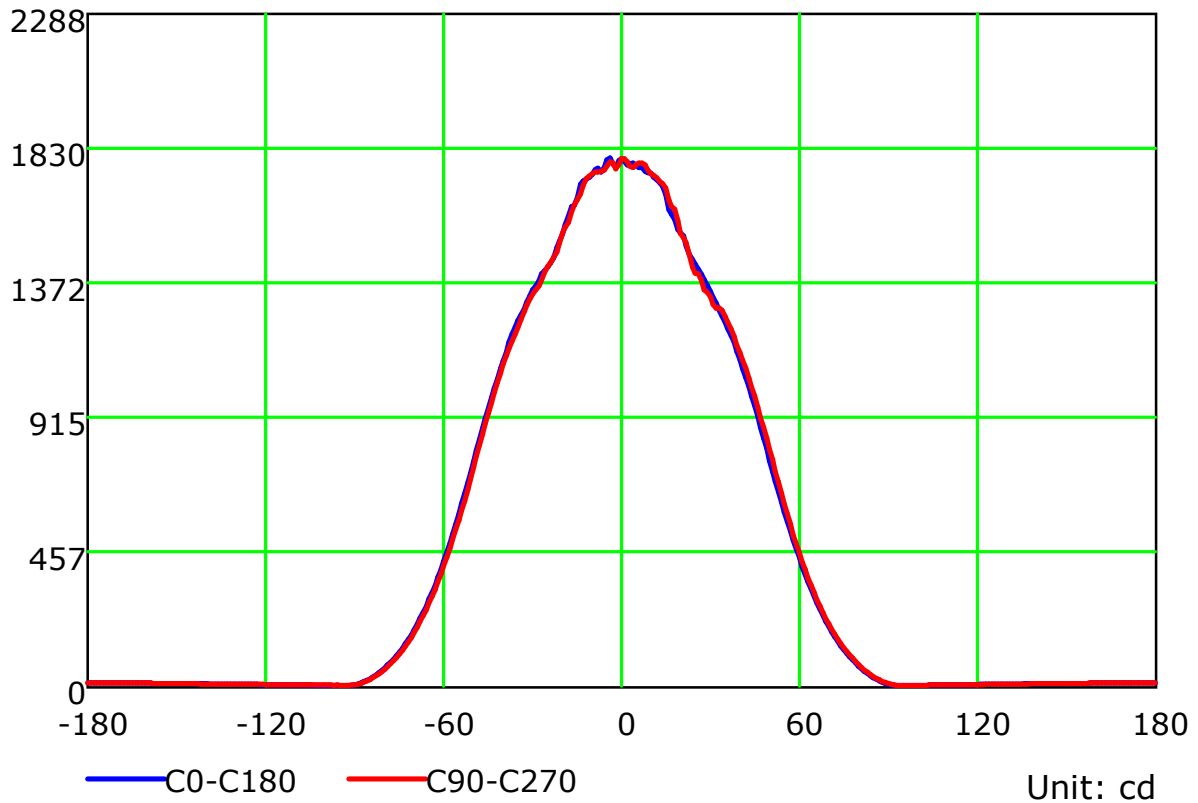
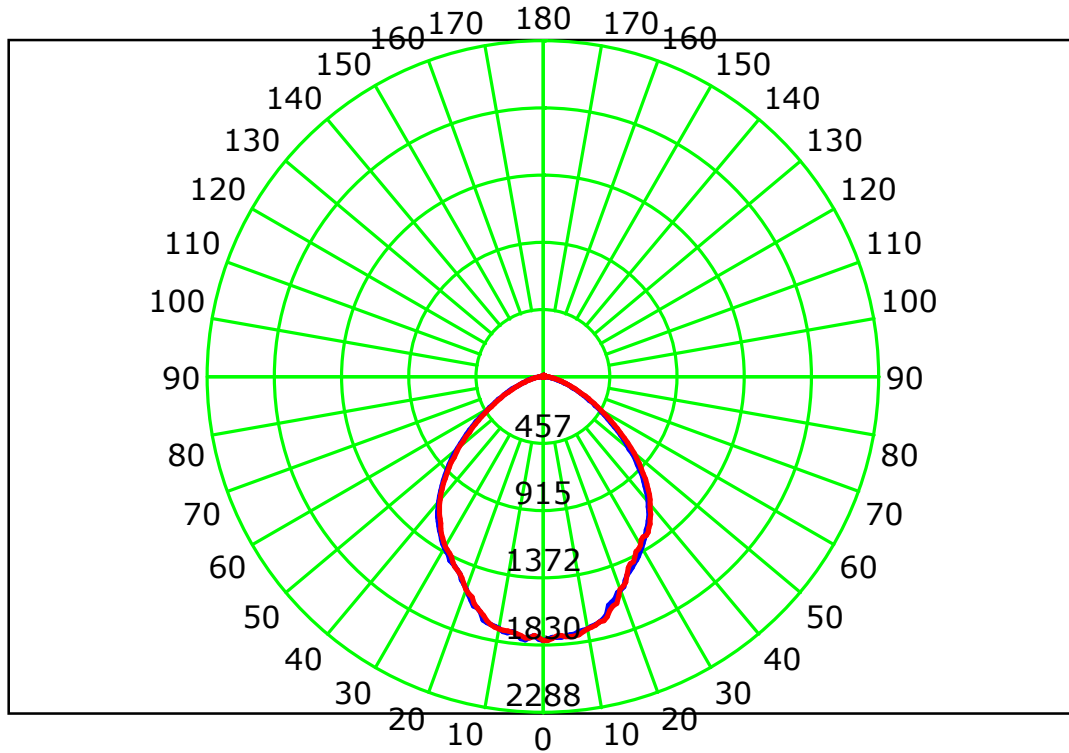
Average Diffuse Angle(50%): 93.1°

— C0-C180 — C90-C270 — G4

C Plane (°):0.0-360.0: 45.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

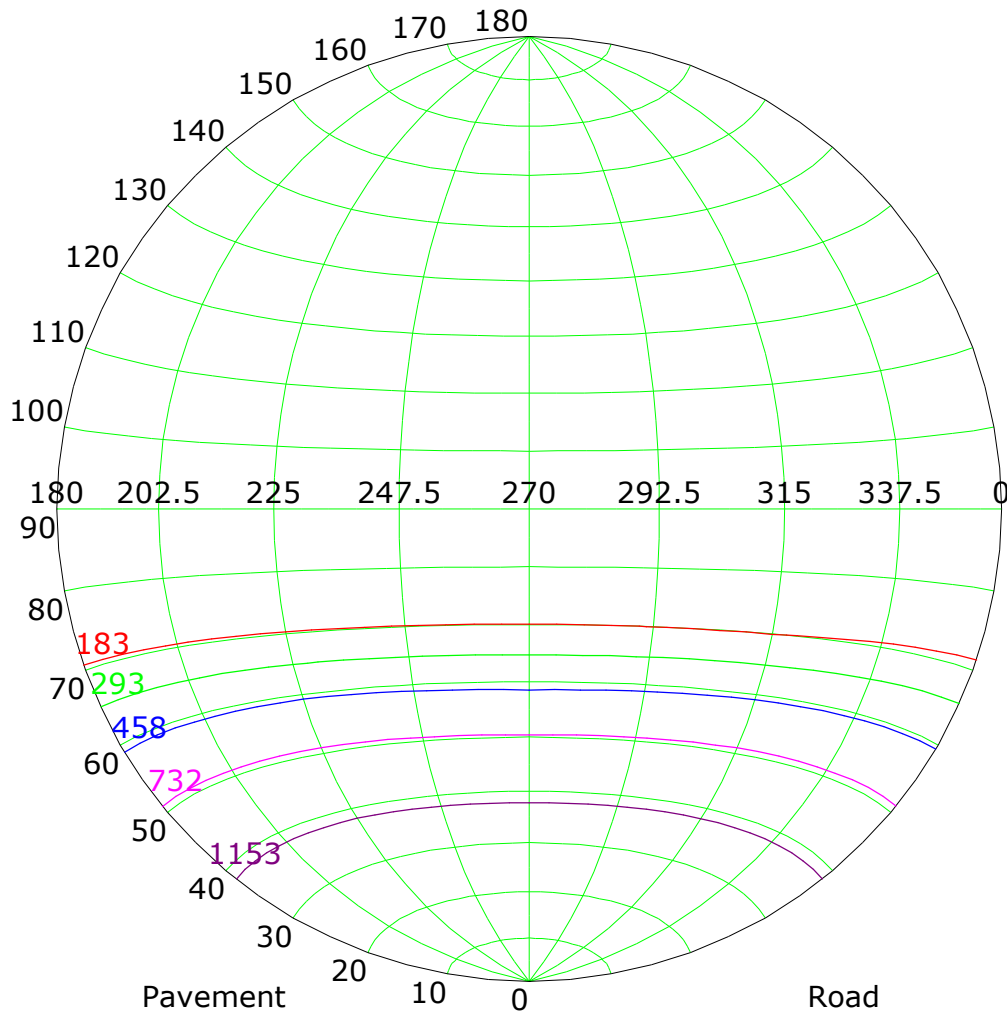
Luminous Intensity Distribution Curve



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Isocandela (sphere)



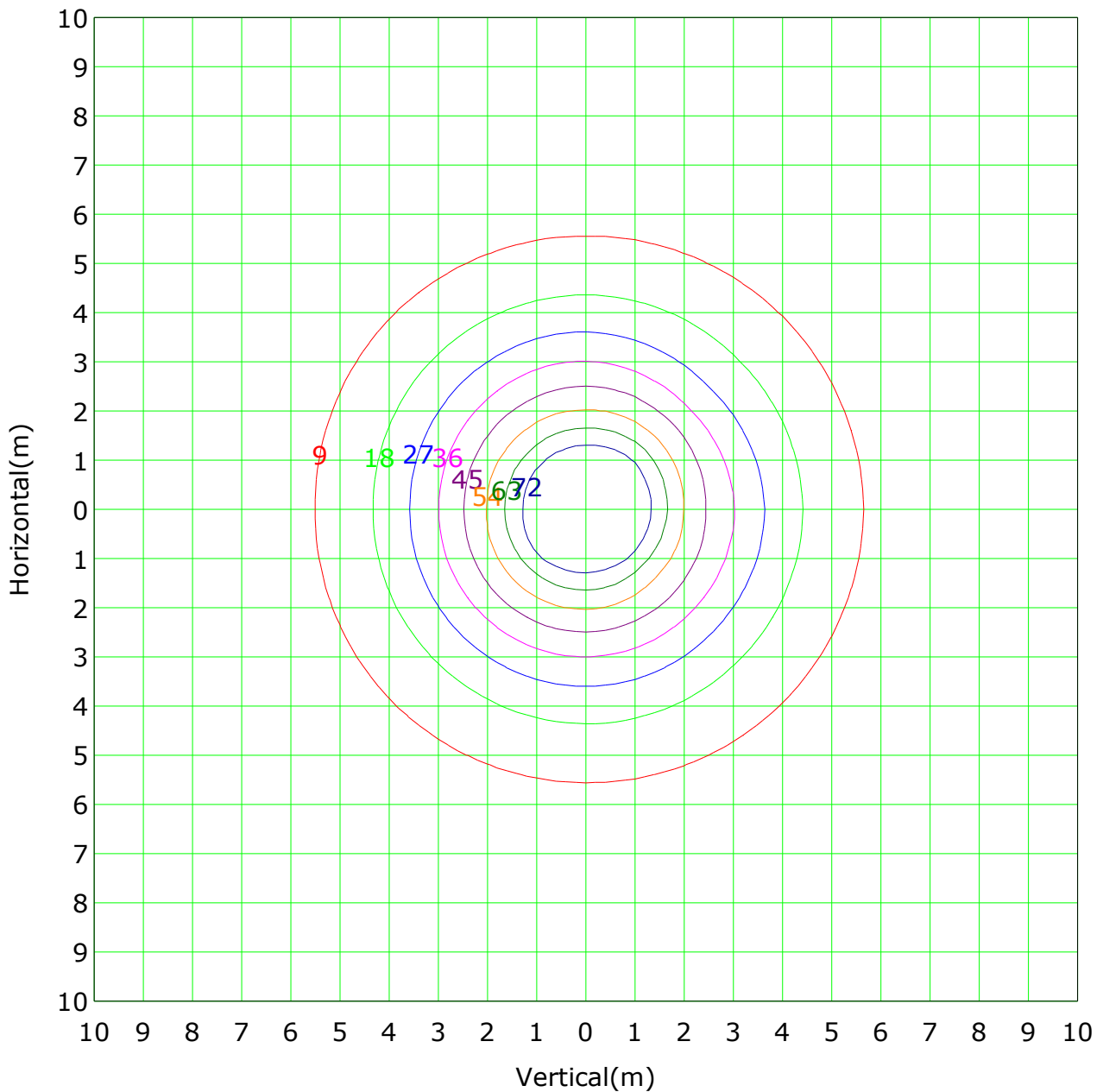
Imax (100%): 1830 cd

— (10%): 183 cd	— (16%): 293 cd
— (25%): 458 cd	— (40%): 732 cd
— (63%): 1153 cd	— (100%): 1830 cd

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IsoLux Plot



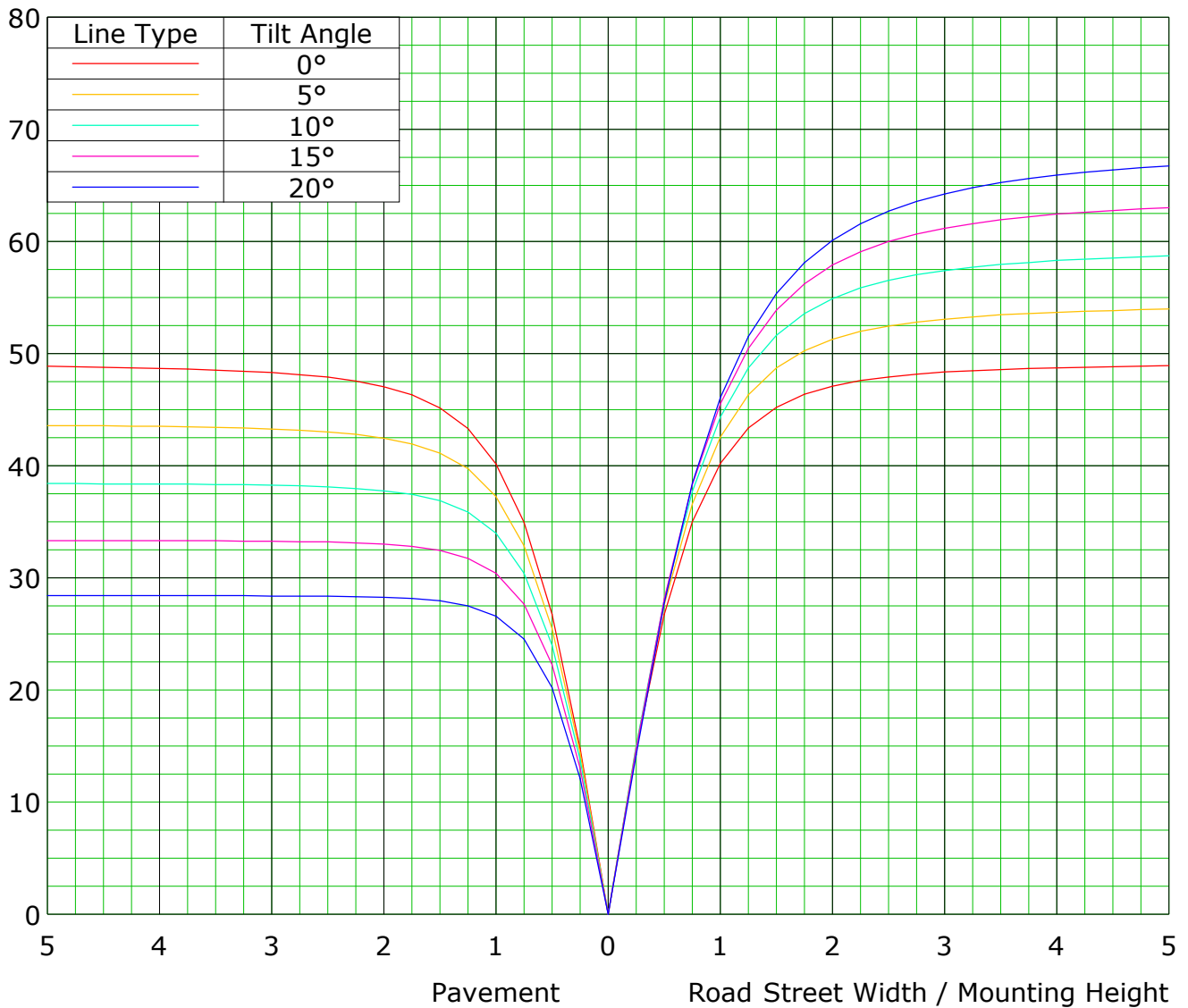
Mounting Height: 4.5m		Max Lux(100%): 90.0 lx
— (10%): 9.0 lx	— (20%): 18.0 lx	
— (30%): 27.0 lx	— (40%): 36.0 lx	
— (50%): 45.0 lx	— (60%): 54.0 lx	
— (70%): 63.0 lx	— (80%): 72.0 lx	

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Roadway CU Curve

Efficiency(%)



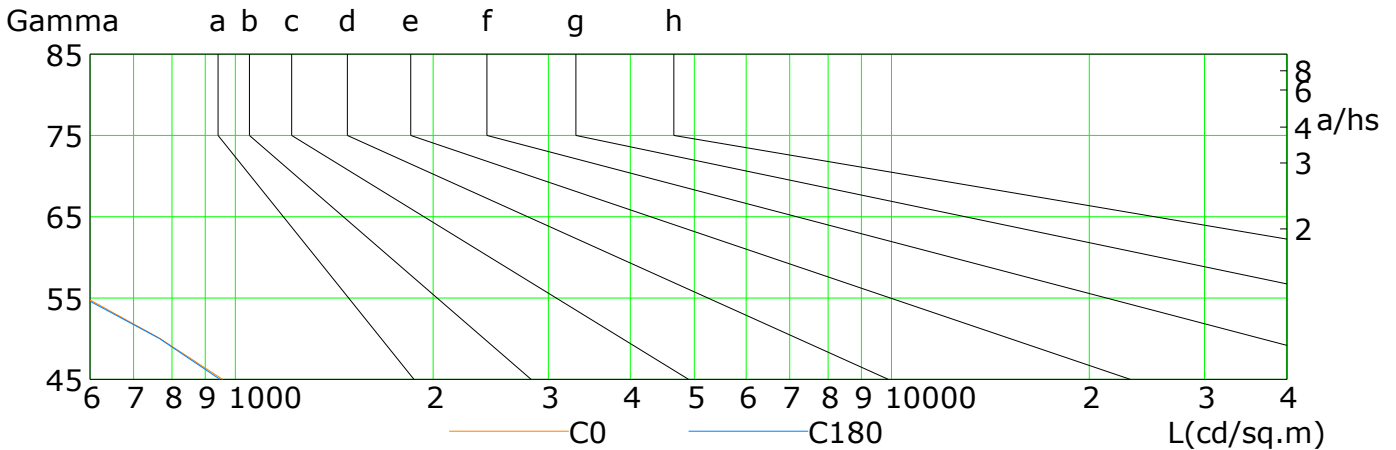
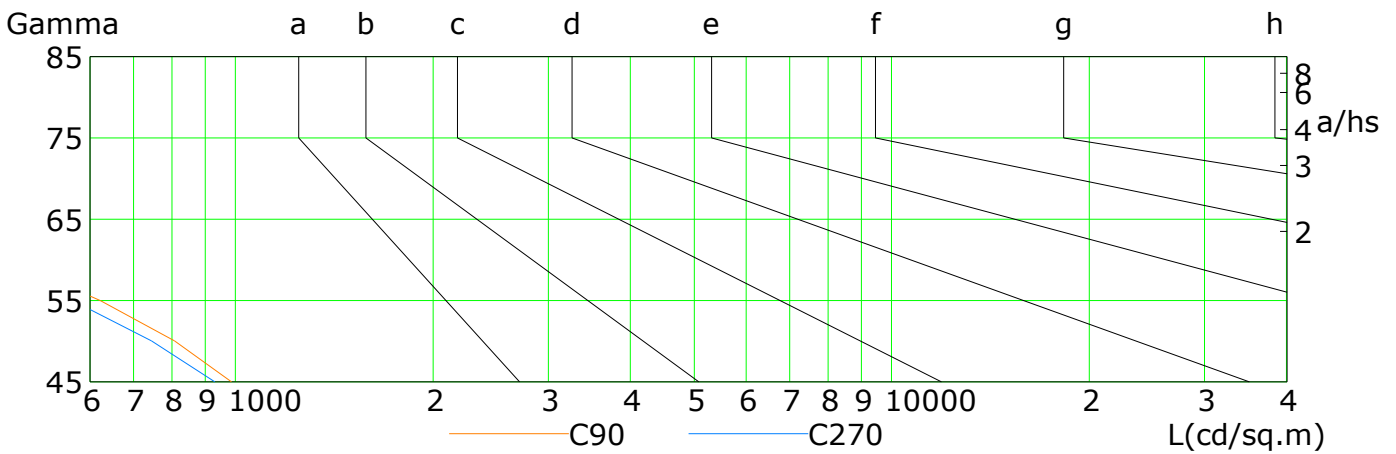
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Lum Limit Curve

Dazzle	Quality	Illuminance (lx)							
		2000	1000	500	<=300				
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

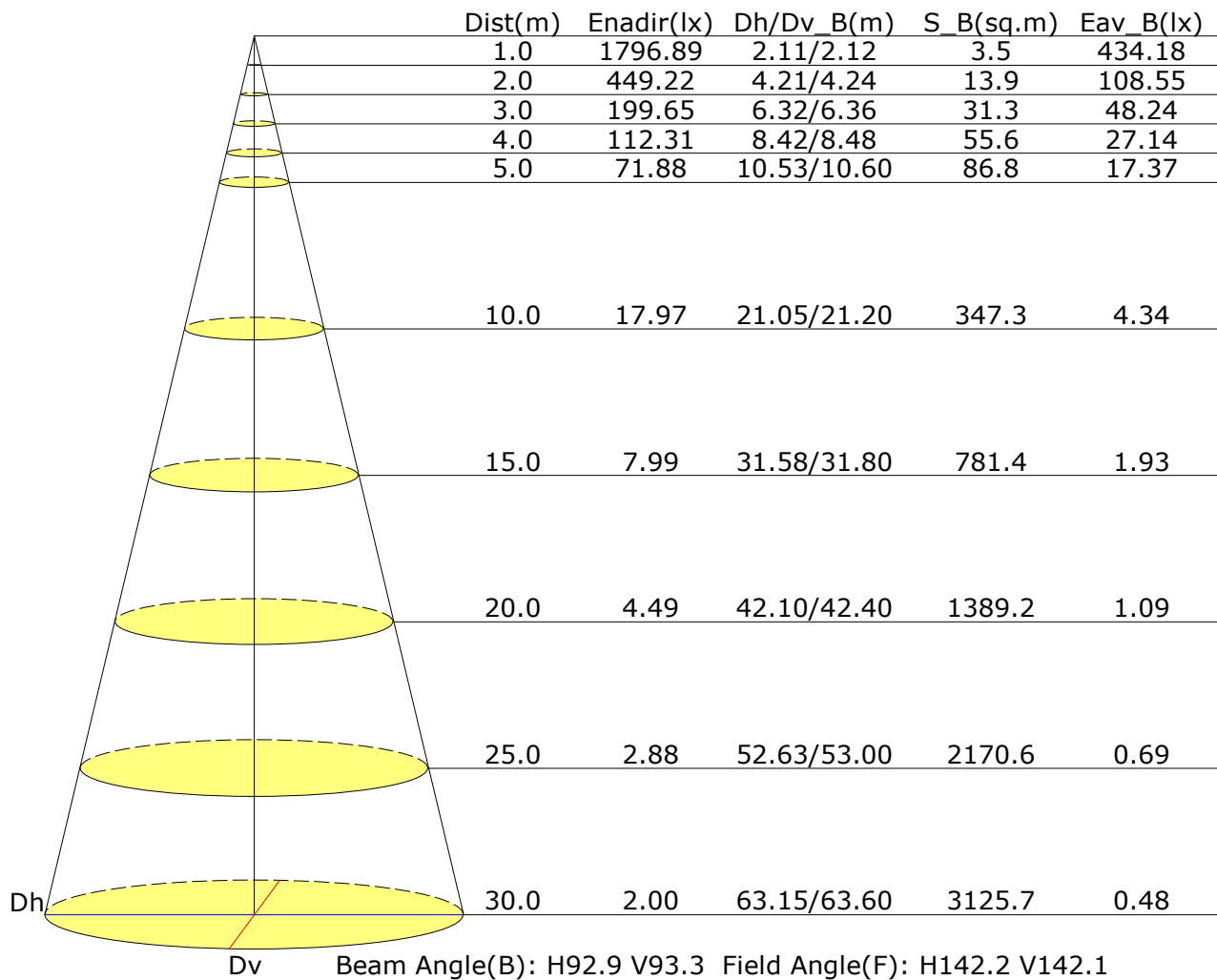


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	956	768	594	439	306	204	125	69	30
C90	988	808	622	455	319	213	132	74	34
C180	947	766	587	426	297	193	117	62	26
C270	930	745	565	411	285	184	111	58	23

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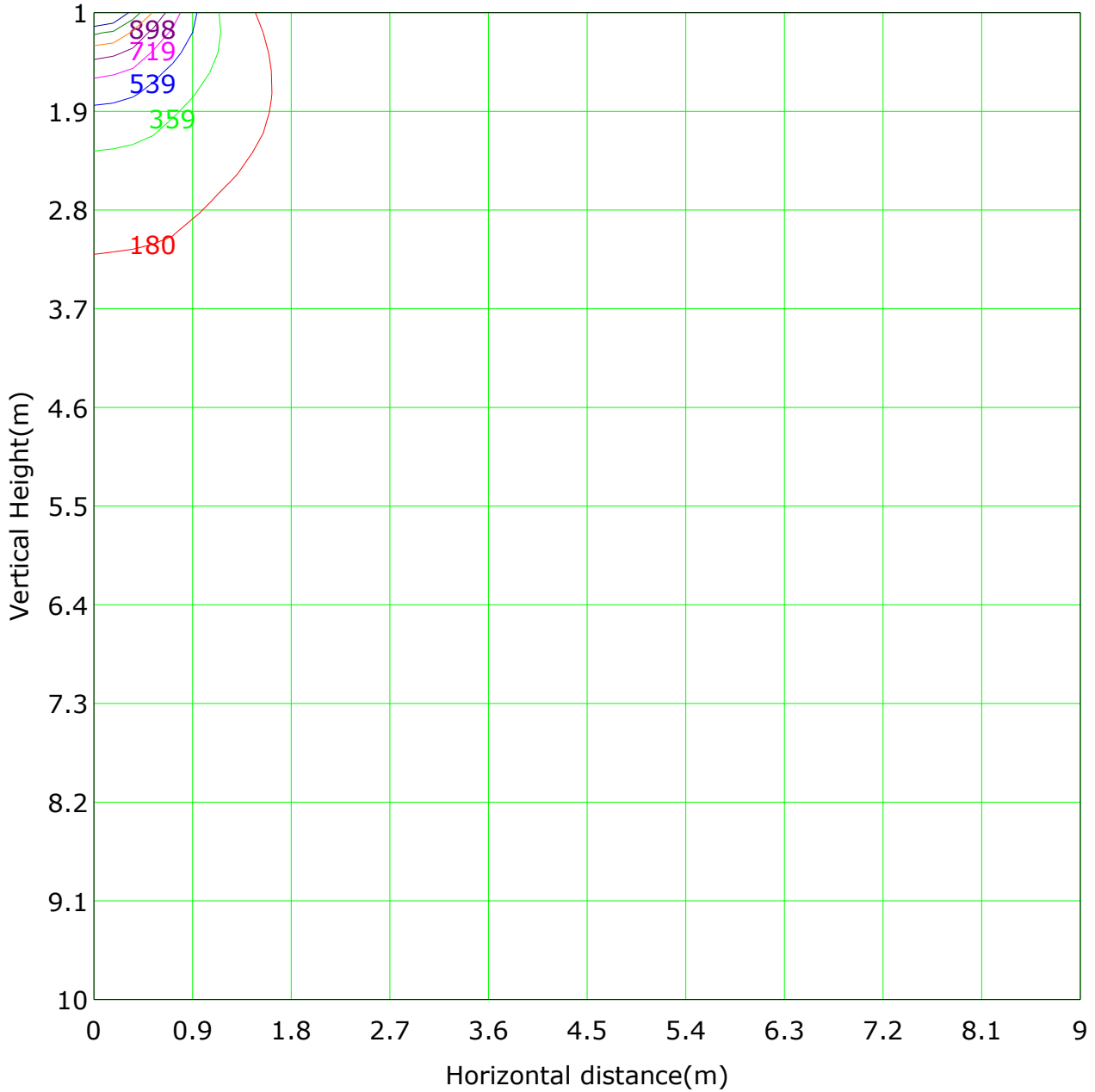
Illuminance at a Distance



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 Test Type: TYPE C
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 Operator: Carlos

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 Test Device: GPM-1800B
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 Humidity: 65
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m	Highest(m): 10.0m	Max Lux: 1796.9 lx
— (10%): 179.7 lx	— (20%): 359.4 lx	
— (30%): 539.1 lx	— (40%): 718.8 lx	
— (50%): 898.4 lx	— (60%): 1078.1 lx	
— (70%): 1257.8 lx	— (80%): 1437.5 lx	

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Area Flux Table

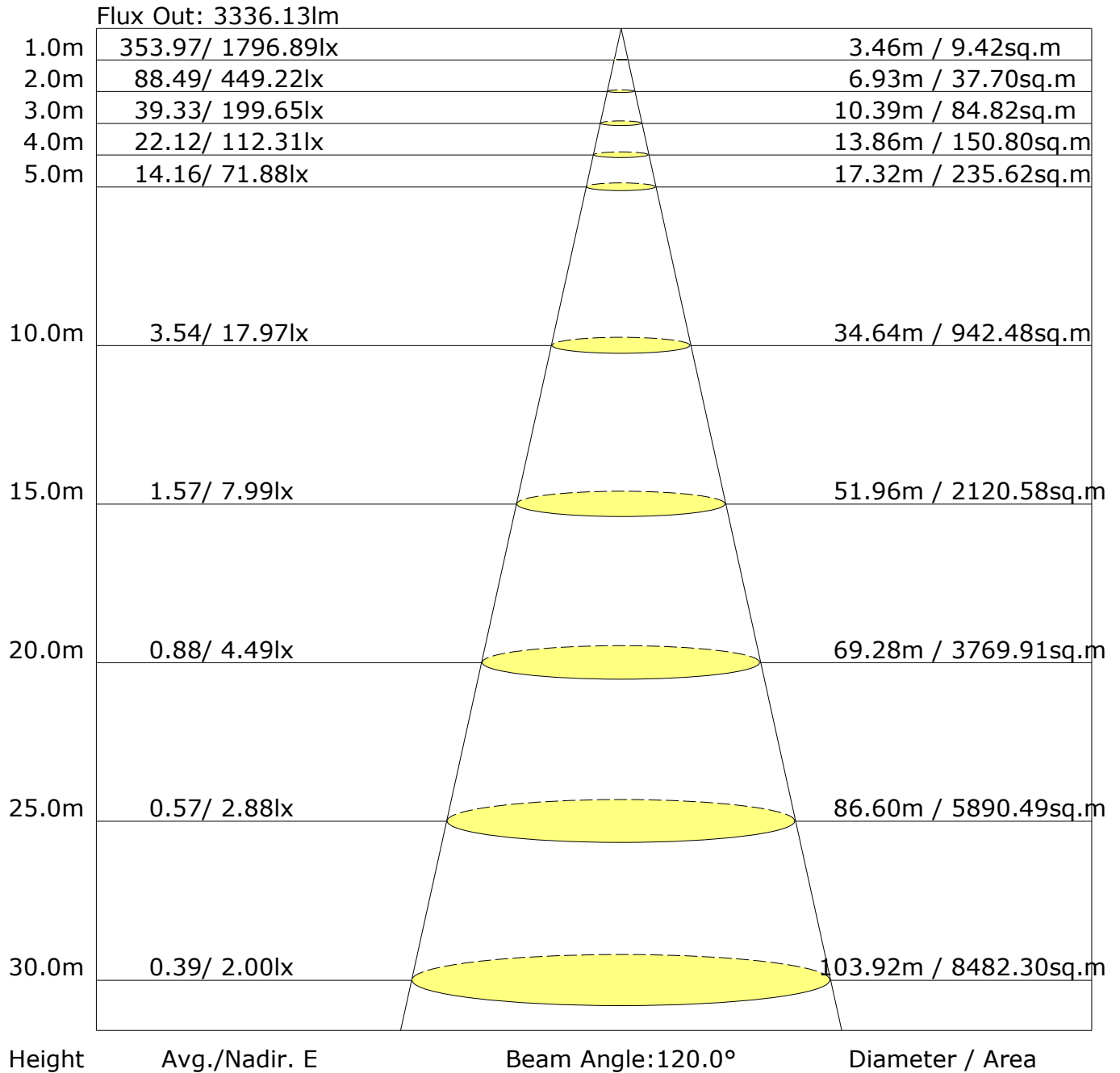
Unit: lm

		Vertical plane																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90		
Flux(E)	Flux(T)	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	Flux(E)	Flux(T)
0.0	1.2	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.8	0.7	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.0	3654	3801
0.2	10.1	0.2	0.3	0.4	0.5	0.6	0.7	0.9	1.0	1.1	1.1	1.0	0.9	0.7	0.5	0.3	0.2	0.1	0.0	0.0	3654	3801
26.3	36.9	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	3654	3801
83.7	92.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	3654	3801
171.0	179.7	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	171.0	3654	3801
270.4	279.0	270.4	270.4	270.4	270.4	270.4	270.4	270.4	270.4	270.4	270.4	270.4	270.4	270.4	270.4	270.4	270.4	270.4	270.4	270.4	3654	3801
359.5	368.0	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	359.5	3654	3801
5435.5	4443.9	5435.5	5435.5	5435.5	5435.5	5435.5	5435.5	5435.5	5435.5	5435.5	5435.5	5435.5	5435.5	5435.5	5435.5	5435.5	5435.5	5435.5	5435.5	5435.5	3654	3801
4479.2	9487.7	4479.2	4479.2	4479.2	4479.2	4479.2	4479.2	4479.2	4479.2	4479.2	4479.2	4479.2	4479.2	4479.2	4479.2	4479.2	4479.2	4479.2	4479.2	4479.2	3654	3801
2478.9	7487.3	2478.9	2478.9	2478.9	2478.9	2478.9	2478.9	2478.9	2478.9	2478.9	2478.9	2478.9	2478.9	2478.9	2478.9	2478.9	2478.9	2478.9	2478.9	2478.9	3654	3801
434.8	3443.3	434.8	434.8	434.8	434.8	434.8	434.8	434.8	434.8	434.8	434.8	434.8	434.8	434.8	434.8	434.8	434.8	434.8	434.8	434.8	3654	3801
360.5	3369.1	360.5	360.5	360.5	360.5	360.5	360.5	360.5	360.5	360.5	360.5	360.5	360.5	360.5	360.5	360.5	360.5	360.5	360.5	360.5	3654	3801
5270.5	1279.2	5270.5	5270.5	5270.5	5270.5	5270.5	5270.5	5270.5	5270.5	5270.5	5270.5	5270.5	5270.5	5270.5	5270.5	5270.5	5270.5	5270.5	5270.5	5270.5	3654	3801
170.9	2179.7	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	170.9	3654	3801
84.2	93.3	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	3654	3801
27.4	37.8	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	3654	3801
0.6	10.7	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	3654	3801
0.0	1.3	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	3654	3801
0.0	3801	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	3654	3801
0.0	3654	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	3654	3801

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 Inspector:

The Average Illuminance Effective Figure



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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										
S=1.5H										
S=2.0H										

Calculate in accordance with CIE Pub.117. The table is revised with $3845lm$ ($8\log(F/F_0) = 4.7$).

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 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	1794.5	1.7	1.7	0.04	0.04
1.0-2.0	1787.3	5.1	6.8	0.13	0.18
2.0-3.0	1784.5	8.5	15.4	0.22	0.40
3.0-4.0	1789.0	12.0	27.4	0.31	0.71
4.0-5.0	1788.6	15.4	42.7	0.40	1.11
5.0-6.0	1779.4	18.7	61.5	0.49	1.60
6.0-7.0	1770.1	22.0	83.4	0.57	2.17
7.0-8.0	1766.7	25.3	108.7	0.66	2.83
8.0-9.0	1764.0	28.6	137.3	0.74	3.57
9.0-10.0	1757.3	31.8	169.1	0.83	4.40
10.0-11.0	1748.1	34.9	204.0	0.91	5.31
11.0-12.0	1737.8	38.0	242.0	0.99	6.29
12.0-13.0	1726.2	41.0	283.0	1.07	7.36
13.0-14.0	1713.7	43.9	326.9	1.14	8.50
14.0-15.0	1694.7	46.5	373.4	1.21	9.71
15.0-16.0	1667.1	48.9	422.3	1.27	10.98
16.0-17.0	1641.9	51.1	473.4	1.33	12.31
17.0-18.0	1618.3	53.4	526.8	1.39	13.70
18.0-19.0	1589.1	55.3	582.1	1.44	15.14
19.0-20.0	1559.8	57.1	639.2	1.48	16.62
20.0-21.0	1534.6	58.9	698.1	1.53	18.15
21.0-22.0	1510.3	60.7	758.8	1.58	19.73
22.0-23.0	1482.6	62.2	821.0	1.62	21.35
23.0-24.0	1455.9	63.7	884.7	1.66	23.01
24.0-25.0	1436.5	65.3	950.0	1.70	24.71
25.0-26.0	1420.5	67.1	1017.1	1.74	26.45
26.0-27.0	1401.6	68.6	1085.6	1.78	28.23
27.0-28.0	1381.6	70.0	1155.6	1.82	30.05
28.0-29.0	1364.5	71.4	1227.0	1.86	31.91
29.0-30.0	1348.6	72.8	1299.8	1.89	33.80
30.0-31.0	1329.7	74.0	1373.8	1.92	35.73
31.0-32.0	1308.5	75.0	1448.8	1.95	37.68
32.0-33.0	1287.3	75.9	1524.7	1.97	39.65
33.0-34.0	1266.2	76.6	1601.3	1.99	41.64
34.0-35.0	1244.7	77.3	1678.6	2.01	43.65
35.0-36.0	1222.9	77.9	1756.5	2.03	45.68

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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	1199.8	78.3	1834.7	2.04	47.71
37.0-38.0	1174.9	78.4	1913.2	2.04	49.75
38.0-39.0	1148.1	78.4	1991.5	2.04	51.79
39.0-40.0	1120.0	78.1	2069.7	2.03	53.82
40.0-41.0	1092.8	77.8	2147.5	2.02	55.85
41.0-42.0	1064.8	77.4	2224.9	2.01	57.86
42.0-43.0	1034.2	76.6	2301.5	1.99	59.85
43.0-44.0	1002.2	75.7	2377.1	1.97	61.82
44.0-45.0	969.2	74.5	2451.6	1.94	63.76
45.0-46.0	934.8	73.1	2524.8	1.90	65.66
46.0-47.0	899.9	71.6	2596.3	1.86	67.52
47.0-48.0	864.7	69.9	2666.2	1.82	69.34
48.0-49.0	828.7	68.1	2734.3	1.77	71.11
49.0-50.0	792.4	66.1	2800.4	1.72	72.83
50.0-51.0	755.5	63.9	2864.3	1.66	74.49
51.0-52.0	719.9	61.8	2926.1	1.61	76.10
52.0-53.0	684.6	59.6	2985.7	1.55	77.64
53.0-54.0	649.1	57.2	3042.9	1.49	79.13
54.0-55.0	615.0	54.9	3097.8	1.43	80.56
55.0-56.0	581.8	52.6	3150.4	1.37	81.93
56.0-57.0	548.3	50.1	3200.5	1.30	83.23
57.0-58.0	515.3	47.7	3248.2	1.24	84.47
58.0-59.0	483.6	45.2	3293.4	1.18	85.65
59.0-60.0	452.5	42.8	3336.1	1.11	86.76
60.0-61.0	422.1	40.3	3376.4	1.05	87.81
61.0-62.0	393.3	37.9	3414.3	0.99	88.79
62.0-63.0	365.6	35.6	3449.9	0.92	89.72
63.0-64.0	339.3	33.3	3483.2	0.87	90.58
64.0-65.0	314.2	31.1	3514.3	0.81	91.39
65.0-66.0	289.6	28.9	3543.2	0.75	92.14
66.0-67.0	266.8	26.8	3570.0	0.70	92.84
67.0-68.0	245.2	24.8	3594.8	0.65	93.49
68.0-69.0	224.8	22.9	3617.8	0.60	94.08
69.0-70.0	205.6	21.1	3638.9	0.55	94.63
70.0-71.0	187.5	19.4	3658.3	0.50	95.14
71.0-72.0	170.3	17.7	3676.0	0.46	95.60

C Plane (°):0.0-360.0: 45.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 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	154.1	16.1	3692.1	0.42	96.02
73.0-74.0	139.1	14.6	3706.7	0.38	96.40
74.0-75.0	125.4	13.3	3720.0	0.34	96.74
75.0-76.0	112.5	11.9	3731.9	0.31	97.05
76.0-77.0	100.5	10.7	3742.6	0.28	97.33
77.0-78.0	89.4	9.6	3752.2	0.25	97.58
78.0-79.0	79.0	8.5	3760.7	0.22	97.80
79.0-80.0	69.2	7.5	3768.2	0.19	97.99
80.0-81.0	60.2	6.5	3774.7	0.17	98.16
81.0-82.0	51.9	5.6	3780.3	0.15	98.31
82.0-83.0	44.2	4.8	3785.1	0.13	98.43
83.0-84.0	37.3	4.1	3789.2	0.11	98.54
84.0-85.0	30.9	3.4	3792.5	0.09	98.63
85.0-86.0	25.0	2.7	3795.3	0.07	98.70
86.0-87.0	19.9	2.2	3797.5	0.06	98.76
87.0-88.0	15.3	1.7	3799.1	0.04	98.80
88.0-89.0	11.6	1.3	3800.4	0.03	98.83
89.0-90.0	8.6	0.9	3801.3	0.02	98.86
90.0-91.0	6.5	0.7	3802.1	0.02	98.88
91.0-92.0	5.2	0.6	3802.6	0.01	98.89
92.0-93.0	4.5	0.5	3803.1	0.01	98.90
93.0-94.0	4.3	0.5	3803.6	0.01	98.91
94.0-95.0	4.2	0.5	3804.0	0.01	98.93
95.0-96.0	4.2	0.5	3804.5	0.01	98.94
96.0-97.0	4.3	0.5	3805.0	0.01	98.95
97.0-98.0	4.3	0.5	3805.4	0.01	98.96
98.0-99.0	4.3	0.5	3805.9	0.01	98.98
99.0-100.0	4.4	0.5	3806.4	0.01	98.99
100.0-101.0	4.5	0.5	3806.9	0.01	99.00
101.0-102.0	4.5	0.5	3807.4	0.01	99.01
102.0-103.0	4.6	0.5	3807.8	0.01	99.03
103.0-104.0	4.7	0.5	3808.3	0.01	99.04
104.0-105.0	4.8	0.5	3808.9	0.01	99.05
105.0-106.0	4.9	0.5	3809.4	0.01	99.07
106.0-107.0	4.9	0.5	3809.9	0.01	99.08
107.0-108.0	5.0	0.5	3810.4	0.01	99.09

C Plane (°):0.0-360.0: 45.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 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	5.2	0.5	3810.9	0.01	99.11
109.0-110.0	5.3	0.5	3811.5	0.01	99.12
110.0-111.0	5.4	0.5	3812.0	0.01	99.13
111.0-112.0	5.5	0.6	3812.6	0.01	99.15
112.0-113.0	5.6	0.6	3813.2	0.01	99.16
113.0-114.0	5.7	0.6	3813.7	0.01	99.18
114.0-115.0	5.8	0.6	3814.3	0.02	99.19
115.0-116.0	6.0	0.6	3814.9	0.02	99.21
116.0-117.0	6.1	0.6	3815.5	0.02	99.22
117.0-118.0	6.2	0.6	3816.1	0.02	99.24
118.0-119.0	6.3	0.6	3816.7	0.02	99.26
119.0-120.0	6.4	0.6	3817.3	0.02	99.27
120.0-121.0	6.6	0.6	3818.0	0.02	99.29
121.0-122.0	6.7	0.6	3818.6	0.02	99.30
122.0-123.0	6.8	0.6	3819.2	0.02	99.32
123.0-124.0	6.9	0.6	3819.9	0.02	99.34
124.0-125.0	7.1	0.6	3820.5	0.02	99.35
125.0-126.0	7.2	0.6	3821.1	0.02	99.37
126.0-127.0	7.3	0.6	3821.8	0.02	99.39
127.0-128.0	7.4	0.6	3822.4	0.02	99.40
128.0-129.0	7.5	0.6	3823.1	0.02	99.42
129.0-130.0	7.6	0.6	3823.7	0.02	99.44
130.0-131.0	7.7	0.6	3824.4	0.02	99.46
131.0-132.0	7.8	0.6	3825.0	0.02	99.47
132.0-133.0	8.0	0.6	3825.7	0.02	99.49
133.0-134.0	8.1	0.6	3826.3	0.02	99.51
134.0-135.0	8.2	0.6	3826.9	0.02	99.52
135.0-136.0	8.3	0.6	3827.6	0.02	99.54
136.0-137.0	8.5	0.6	3828.2	0.02	99.56
137.0-138.0	8.6	0.6	3828.8	0.02	99.57
138.0-139.0	8.7	0.6	3829.5	0.02	99.59
139.0-140.0	8.8	0.6	3830.1	0.02	99.60
140.0-141.0	8.9	0.6	3830.7	0.02	99.62
141.0-142.0	9.0	0.6	3831.3	0.02	99.64
142.0-143.0	9.2	0.6	3832.0	0.02	99.65
143.0-144.0	9.3	0.6	3832.6	0.02	99.67

C Plane (°):0.0-360.0: 45.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 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	9.4	0.6	3833.2	0.02	99.68
145.0-146.0	9.5	0.6	3833.8	0.02	99.70
146.0-147.0	9.6	0.6	3834.3	0.02	99.71
147.0-148.0	9.7	0.6	3834.9	0.01	99.73
148.0-149.0	9.9	0.6	3835.5	0.01	99.74
149.0-150.0	10.0	0.6	3836.0	0.01	99.76
150.0-151.0	10.1	0.5	3836.6	0.01	99.77
151.0-152.0	10.2	0.5	3837.1	0.01	99.79
152.0-153.0	10.4	0.5	3837.6	0.01	99.80
153.0-154.0	10.5	0.5	3838.2	0.01	99.81
154.0-155.0	10.6	0.5	3838.7	0.01	99.83
155.0-156.0	10.7	0.5	3839.1	0.01	99.84
156.0-157.0	10.8	0.5	3839.6	0.01	99.85
157.0-158.0	10.9	0.5	3840.1	0.01	99.86
158.0-159.0	11.0	0.4	3840.5	0.01	99.88
159.0-160.0	11.1	0.4	3840.9	0.01	99.89
160.0-161.0	11.2	0.4	3841.3	0.01	99.90
161.0-162.0	11.3	0.4	3841.7	0.01	99.91
162.0-163.0	11.4	0.4	3842.1	0.01	99.92
163.0-164.0	11.4	0.4	3842.5	0.01	99.93
164.0-165.0	11.5	0.3	3842.8	0.01	99.93
165.0-166.0	11.5	0.3	3843.1	0.01	99.94
166.0-167.0	11.6	0.3	3843.4	0.01	99.95
167.0-168.0	11.7	0.3	3843.7	0.01	99.96
168.0-169.0	11.7	0.3	3843.9	0.01	99.96
169.0-170.0	11.7	0.2	3844.2	0.01	99.97
170.0-171.0	11.8	0.2	3844.4	0.01	99.98
171.0-172.0	11.8	0.2	3844.6	0.00	99.98
172.0-173.0	11.8	0.2	3844.8	0.00	99.99
173.0-174.0	11.8	0.1	3844.9	0.00	99.99
174.0-175.0	11.9	0.1	3845.0	0.00	99.99
175.0-176.0	11.9	0.1	3845.1	0.00	100.00
176.0-177.0	11.9	0.1	3845.2	0.00	100.00
177.0-178.0	11.9	0.1	3845.3	0.00	100.00
178.0-179.0	11.9	0.0	3845.3	0.00	100.00
179.0-180.0	11.9	0.0	3845.3	0.00	100.00

C Plane (°):0.0-360.0: 45.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 2451.64 lm

%lum = 63.8%

%lamp = 63.8%

cone flux(120°): 3336.13 lm

%lum = 86.8%

%lamp = 86.8%

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	1796.9	1796.9	1796.9	1796.9	1796.9	1796.9	1796.9	1796.9	1796.9	
G1.0	1787.4	1785.6	1795.9	1795.7	1791.0	1795.3	1776.4	1808.8	1787.4	
G2.0	1775.9	1768.1	1786.6	1813.4	1766.0	1767.6	1762.7	1820.3	1775.9	
G3.0	1778.6	1767.4	1771.3	1829.5	1776.8	1769.6	1781.2	1816.6	1778.6	
G4.0	1781.1	1781.3	1766.2	1830.5	1797.8	1786.7	1786.0	1803.8	1781.1	
G5.0	1773.0	1779.4	1776.4	1819.2	1791.7	1779.7	1771.2	1793.4	1773.0	
G6.0	1767.0	1767.4	1781.8	1794.0	1765.7	1759.0	1758.5	1792.6	1767.0	
G7.0	1767.2	1763.5	1782.4	1781.7	1749.9	1748.5	1753.7	1788.9	1767.2	
G8.0	1753.5	1758.2	1774.4	1784.3	1764.7	1756.1	1751.3	1788.2	1753.5	
G9.0	1748.4	1744.0	1756.9	1786.9	1760.5	1760.2	1750.2	1787.0	1748.4	
G10.0	1746.8	1743.2	1744.0	1784.1	1741.9	1744.6	1743.8	1773.9	1746.8	
G11.0	1733.5	1737.7	1739.0	1773.5	1734.3	1731.1	1738.1	1759.4	1733.5	
G12.0	1725.5	1721.9	1731.1	1754.4	1727.6	1720.9	1728.8	1748.5	1725.5	
G13.0	1714.2	1712.5	1717.2	1743.7	1720.5	1708.5	1705.5	1739.2	1714.2	
G14.0	1702.3	1706.9	1712.4	1738.4	1710.0	1703.2	1677.0	1707.5	1702.3	
G15.0	1674.1	1682.5	1696.3	1720.7	1663.8	1674.8	1657.1	1688.8	1674.1	
G16.0	1621.6	1657.4	1655.1	1689.6	1638.1	1641.1	1638.0	1675.1	1621.6	
G17.0	1606.4	1637.1	1634.1	1669.0	1633.1	1616.7	1615.9	1642.5	1606.4	
G18.0	1590.7	1590.5	1624.1	1647.8	1599.7	1594.7	1579.4	1611.7	1590.7	
G19.0	1555.7	1549.9	1584.7	1610.6	1571.3	1572.0	1562.9	1579.6	1555.7	
G20.0	1544.5	1529.5	1541.8	1580.6	1541.4	1542.2	1544.0	1546.0	1544.5	
G21.0	1532.6	1509.8	1527.4	1557.1	1514.5	1510.6	1509.6	1521.3	1532.6	
G22.0	1497.1	1482.9	1509.9	1517.3	1493.7	1498.7	1478.1	1504.4	1497.1	
G23.0	1468.8	1452.8	1466.7	1481.2	1459.5	1468.0	1461.0	1482.0	1468.8	
G24.0	1453.2	1428.1	1425.8	1457.9	1442.5	1443.4	1441.9	1460.9	1453.2	
G25.0	1437.3	1413.9	1406.3	1435.7	1427.6	1433.8	1429.6	1446.0	1437.3	
G26.0	1420.7	1391.3	1404.1	1411.5	1415.5	1417.9	1410.3	1426.8	1420.7	
G27.0	1403.2	1373.4	1380.8	1392.6	1405.5	1389.7	1381.8	1400.1	1403.2	
G28.0	1385.1	1364.2	1349.6	1372.4	1381.3	1376.2	1363.9	1384.9	1385.1	
G29.0	1365.6	1352.0	1341.8	1351.6	1363.2	1362.9	1349.5	1367.9	1365.6	
G30.0	1344.2	1338.3	1326.2	1336.1	1349.1	1344.4	1335.0	1349.5	1344.2	
G31.0	1323.6	1316.9	1299.3	1308.8	1331.1	1323.7	1318.4	1331.3	1323.6	
G32.0	1304.9	1297.8	1287.5	1276.3	1308.1	1301.4	1298.0	1308.3	1304.9	
G33.0	1282.8	1279.9	1289.1	1237.1	1285.6	1281.3	1275.5	1283.9	1282.8	
G34.0	1260.4	1255.6	1279.5	1214.8	1264.9	1259.3	1249.4	1260.3	1260.4	
G35.0	1239.7	1231.7	1259.1	1202.7	1244.9	1236.1	1221.4	1235.5	1239.7	
G36.0	1216.3	1213.2	1239.9	1178.4	1222.8	1213.2	1198.7	1213.5	1216.3	

C Plane (°):0.0-360.0: 45.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 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	1195.9	1188.3	1216.4	1147.5	1200.4	1188.8	1175.1	1188.4	1195.9	
G38.0	1171.9	1162.2	1191.5	1121.7	1172.2	1164.0	1149.6	1164.2	1171.9	
G39.0	1141.2	1135.2	1160.9	1099.3	1137.4	1137.2	1124.5	1136.0	1141.2	
G40.0	1112.1	1109.6	1137.0	1074.5	1107.8	1105.8	1096.4	1104.4	1112.1	
G41.0	1083.0	1083.9	1110.0	1055.3	1081.3	1078.7	1066.9	1077.8	1083.0	
G42.0	1052.4	1055.1	1083.5	1039.1	1044.4	1046.3	1033.9	1044.5	1052.4	
G43.0	1020.6	1026.2	1050.0	1011.4	1014.3	1015.0	999.0	1012.1	1020.6	
G44.0	988.9	996.4	1018.6	974.6	984.4	983.5	965.8	974.8	988.9	
G45.0	956.0	964.1	987.5	946.5	946.6	948.7	930.3	940.6	956.0	
G46.0	918.4	928.6	949.9	915.5	912.8	911.0	893.8	906.6	918.4	
G47.0	881.3	895.2	913.9	889.1	878.6	873.8	859.6	870.7	881.3	
G48.0	844.6	860.1	880.4	855.0	839.6	838.6	821.0	833.5	844.6	
G49.0	809.9	826.5	843.8	817.6	802.9	803.3	783.0	800.0	809.9	
G50.0	767.9	789.2	807.9	785.6	766.0	765.8	745.4	763.0	767.9	
G51.0	731.9	754.5	771.5	749.3	725.5	732.1	705.3	727.5	731.9	
G52.0	698.0	720.3	732.2	712.4	694.2	697.0	670.4	696.1	698.0	
G53.0	663.8	682.1	695.3	679.9	656.8	660.4	631.8	663.3	663.8	
G54.0	626.3	648.3	656.7	643.9	622.5	629.5	598.4	626.9	626.3	
G55.0	594.2	613.8	622.3	612.0	586.7	598.1	565.5	594.3	594.2	
G56.0	562.0	582.2	587.3	580.6	553.1	562.4	535.3	559.0	562.0	
G57.0	528.6	545.5	553.3	549.1	518.0	529.1	500.5	526.0	528.6	
G58.0	497.8	513.3	516.3	516.7	488.0	497.8	470.3	493.8	497.8	
G59.0	467.8	482.5	484.1	487.6	457.1	463.2	439.1	462.6	467.8	
G60.0	439.0	447.6	454.7	456.6	425.6	432.7	411.0	429.0	439.0	
G61.0	406.6	416.4	424.2	424.1	397.2	404.5	383.3	400.8	406.6	
G62.0	380.3	388.3	396.9	395.7	371.7	372.9	357.3	372.3	380.3	
G63.0	355.5	357.7	369.8	368.9	343.8	346.0	330.8	342.2	355.5	
G64.0	332.1	332.0	345.1	342.6	319.3	320.1	307.0	316.1	332.1	
G65.0	305.6	306.5	318.6	315.6	296.9	293.4	284.8	290.8	305.6	
G66.0	283.6	283.2	295.3	291.3	272.0	270.0	261.3	264.8	283.6	
G67.0	263.0	258.6	273.4	269.0	251.1	248.3	241.2	242.5	263.0	
G68.0	240.8	237.7	250.4	246.2	232.0	226.0	221.6	221.8	240.8	
G69.0	221.9	218.1	230.7	226.6	213.3	206.5	201.1	201.8	221.9	
G70.0	204.1	197.4	213.1	208.1	193.2	188.0	184.3	181.7	204.1	
G71.0	186.7	180.1	194.1	190.2	176.0	170.9	167.4	164.4	186.7	
G72.0	168.4	163.9	177.3	171.6	160.2	153.2	152.3	148.6	168.4	
G73.0	153.1	148.5	161.1	155.8	144.1	138.2	136.4	132.7	153.1	

C Plane (°):0.0-360.0: 45.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 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	138.8	134.1	146.1	141.4	129.9	123.1	123.4	119.4	138.8	
G75.0	125.2	119.7	132.5	127.8	116.9	110.8	111.1	106.9	125.2	
G76.0	112.5	107.6	119.4	114.9	103.6	98.9	98.0	94.1	112.5	
G77.0	100.8	96.4	107.4	102.7	92.6	87.8	87.3	83.3	100.8	
G78.0	89.7	85.9	96.1	91.7	82.1	76.5	76.7	73.4	89.7	
G79.0	78.5	76.3	84.4	81.6	72.3	67.1	66.5	64.3	78.5	
G80.0	69.1	67.2	74.3	71.4	62.2	58.6	57.7	55.0	69.1	
G81.0	60.2	58.8	64.9	62.6	53.7	50.5	49.5	47.0	60.2	
G82.0	52.0	50.2	56.4	54.3	46.0	42.4	42.0	39.9	52.0	
G83.0	43.7	43.1	48.4	46.7	38.7	35.7	35.0	33.3	43.7	
G84.0	36.6	36.6	41.1	39.8	32.1	29.7	28.8	27.5	36.6	
G85.0	30.2	30.6	34.4	33.3	25.5	24.2	22.6	21.7	30.2	
G86.0	24.4	24.5	28.2	27.2	20.2	18.9	17.7	17.2	24.4	
G87.0	19.2	19.7	22.1	21.3	15.6	14.7	13.5	13.3	19.2	
G88.0	14.7	15.5	17.3	16.8	11.3	11.2	9.6	9.7	14.7	
G89.0	10.5	11.9	13.1	12.9	8.2	8.1	6.8	7.1	10.5	
G90.0	7.5	9.0	9.8	10.1	5.7	6.0	5.0	5.4	7.5	
G91.0	5.3	6.6	7.2	7.6	4.3	4.9	4.4	4.9	5.3	
G92.0	4.3	5.0	5.0	5.7	3.9	4.5	4.3	4.7	4.3	
G93.0	4.0	4.5	4.2	4.6	3.8	4.4	4.3	4.8	4.0	
G94.0	3.9	4.4	3.9	4.3	3.8	4.4	4.3	4.7	3.9	
G95.0	3.9	4.4	4.0	4.3	3.8	4.4	4.3	4.8	3.9	
G96.0	3.9	4.4	4.0	4.3	3.8	4.5	4.4	4.8	3.9	
G97.0	3.9	4.4	4.0	4.3	3.8	4.5	4.3	4.8	3.9	
G98.0	4.0	4.4	4.0	4.3	3.9	4.5	4.4	4.9	4.0	
G99.0	4.0	4.5	4.1	4.4	3.9	4.6	4.5	4.9	4.0	
G100.0	4.1	4.6	4.2	4.5	4.0	4.6	4.6	4.9	4.1	
G101.0	4.2	4.6	4.2	4.5	4.0	4.7	4.6	5.0	4.2	
G102.0	4.3	4.7	4.3	4.6	4.1	4.8	4.7	5.1	4.3	
G103.0	4.3	4.8	4.3	4.7	4.2	4.9	4.7	5.2	4.3	
G104.0	4.4	4.9	4.4	4.8	4.3	5.0	4.8	5.3	4.4	
G105.0	4.5	4.9	4.5	4.9	4.4	5.1	4.9	5.4	4.5	
G106.0	4.6	5.0	4.6	4.9	4.5	5.2	5.0	5.4	4.6	
G107.0	4.7	5.1	4.7	5.0	4.6	5.3	5.1	5.4	4.7	
G108.0	4.8	5.2	4.8	5.1	4.7	5.4	5.1	5.6	4.8	
G109.0	5.0	5.3	4.9	5.3	4.8	5.5	5.2	5.7	5.0	
G110.0	5.1	5.5	5.0	5.4	5.0	5.6	5.3	5.7	5.1	

C Plane (°):0.0-360.0: 45.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 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	5.2	5.6	5.1	5.4	5.1	5.7	5.4	5.8	5.2	
G112.0	5.3	5.7	5.2	5.6	5.2	5.8	5.6	5.9	5.3	
G113.0	5.5	5.8	5.3	5.7	5.3	5.9	5.7	5.9	5.5	
G114.0	5.6	5.9	5.4	5.8	5.5	6.0	5.8	6.1	5.6	
G115.0	5.8	6.1	5.6	5.9	5.6	6.1	6.0	6.2	5.8	
G116.0	6.0	6.2	5.6	6.1	5.7	6.2	6.1	6.3	6.0	
G117.0	6.0	6.3	5.8	6.2	5.9	6.3	6.2	6.4	6.0	
G118.0	6.2	6.4	6.0	6.4	6.0	6.5	6.4	6.5	6.2	
G119.0	6.3	6.5	6.1	6.4	6.1	6.6	6.5	6.6	6.3	
G120.0	6.5	6.6	6.3	6.5	6.3	6.6	6.5	6.7	6.5	
G121.0	6.6	6.8	6.4	6.7	6.4	6.7	6.7	6.7	6.6	
G122.0	6.8	6.9	6.5	6.9	6.5	6.9	6.8	6.7	6.8	
G123.0	6.9	7.1	6.7	7.0	6.7	7.0	6.9	6.7	6.9	
G124.0	7.1	7.2	6.9	7.1	6.8	7.1	7.0	6.8	7.1	
G125.0	7.3	7.4	7.0	7.3	6.9	7.2	7.2	6.9	7.3	
G126.0	7.4	7.5	7.2	7.4	7.1	7.3	7.2	7.0	7.4	
G127.0	7.5	7.6	7.4	7.5	7.2	7.4	7.3	7.1	7.5	
G128.0	7.7	7.8	7.4	7.7	7.3	7.5	7.3	7.2	7.7	
G129.0	7.8	7.9	7.5	7.8	7.4	7.6	7.3	7.3	7.8	
G130.0	7.9	8.0	7.7	7.9	7.5	7.6	7.4	7.4	7.9	
G131.0	8.0	8.1	7.8	8.0	7.7	7.7	7.4	7.5	8.0	
G132.0	8.2	8.3	8.0	8.1	7.8	7.8	7.5	7.6	8.2	
G133.0	8.3	8.4	8.1	8.2	7.9	7.9	7.7	7.7	8.3	
G134.0	8.4	8.5	8.3	8.4	8.0	7.9	7.8	7.8	8.4	
G135.0	8.6	8.6	8.3	8.5	8.2	8.0	7.9	8.0	8.6	
G136.0	8.7	8.8	8.6	8.6	8.3	8.1	8.0	8.1	8.7	
G137.0	8.9	8.8	8.7	8.8	8.4	8.3	8.0	8.2	8.9	
G138.0	9.0	8.9	8.8	8.9	8.6	8.3	8.2	8.3	9.0	
G139.0	9.2	9.1	9.0	9.0	8.6	8.4	8.3	8.4	9.2	
G140.0	9.3	9.2	9.1	9.2	8.7	8.5	8.4	8.5	9.3	
G141.0	9.4	9.4	9.2	9.3	8.8	8.6	8.5	8.7	9.4	
G142.0	9.4	9.4	9.3	9.4	8.9	8.8	8.7	8.8	9.4	
G143.0	9.6	9.6	9.5	9.6	9.1	8.9	8.8	8.9	9.6	
G144.0	9.7	9.7	9.6	9.7	9.2	9.0	9.0	9.1	9.7	
G145.0	9.8	9.8	9.7	9.7	9.2	9.2	9.1	9.2	9.8	
G146.0	9.9	9.8	9.7	9.8	9.3	9.3	9.2	9.4	9.9	
G147.0	10.0	9.9	9.9	9.9	9.3	9.4	9.5	9.6	10.0	

C Plane (°):0.0-360.0: 45.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 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	10.1	10.0	10.0	10.1	9.4	9.7	9.6	9.7	10.1	
G149.0	10.2	10.1	10.0	10.2	9.6	9.8	9.7	9.8	10.2	
G150.0	10.4	10.2	10.1	10.3	9.7	9.9	9.8	9.9	10.4	
G151.0	10.4	10.3	10.2	10.4	9.9	10.0	10.0	10.1	10.4	
G152.0	10.5	10.4	10.4	10.5	10.1	10.2	10.1	10.3	10.5	
G153.0	10.6	10.4	10.5	10.6	10.2	10.3	10.2	10.4	10.6	
G154.0	10.6	10.5	10.6	10.7	10.4	10.4	10.3	10.5	10.6	
G155.0	10.7	10.6	10.6	10.7	10.5	10.6	10.5	10.6	10.7	
G156.0	10.8	10.6	10.8	10.9	10.6	10.7	10.6	10.7	10.8	
G157.0	10.9	10.7	10.9	11.0	10.7	10.8	10.7	10.9	10.9	
G158.0	11.0	10.8	11.0	11.2	10.8	11.0	10.8	11.0	11.0	
G159.0	11.0	10.9	11.1	11.2	10.9	11.0	10.9	11.1	11.0	
G160.0	11.1	11.1	11.2	11.3	11.0	11.2	11.0	11.2	11.1	
G161.0	11.2	11.2	11.3	11.4	11.1	11.2	11.2	11.3	11.2	
G162.0	11.3	11.2	11.4	11.5	11.3	11.3	11.3	11.4	11.3	
G163.0	11.4	11.3	11.4	11.5	11.4	11.3	11.4	11.5	11.4	
G164.0	11.4	11.5	11.5	11.6	11.4	11.4	11.4	11.6	11.4	
G165.0	11.4	11.5	11.5	11.6	11.5	11.4	11.5	11.6	11.4	
G166.0	11.5	11.6	11.5	11.7	11.5	11.4	11.6	11.7	11.5	
G167.0	11.5	11.7	11.7	11.8	11.5	11.5	11.7	11.7	11.5	
G168.0	11.6	11.7	11.7	11.9	11.5	11.5	11.8	11.7	11.6	
G169.0	11.6	11.8	11.8	11.9	11.5	11.5	11.8	11.8	11.6	
G170.0	11.8	11.9	11.8	12.0	11.5	11.6	11.8	11.8	11.8	
G171.0	11.8	11.9	11.8	12.0	11.5	11.6	11.8	11.8	11.8	
G172.0	11.8	11.9	11.9	12.0	11.6	11.6	11.9	11.8	11.8	
G173.0	11.8	11.9	11.9	12.0	11.6	11.6	11.9	11.9	11.8	
G174.0	11.9	11.9	11.9	12.0	11.6	11.7	11.9	11.9	11.9	
G175.0	11.9	11.9	12.0	12.1	11.6	11.8	12.0	12.0	11.9	
G176.0	11.9	11.9	12.0	12.1	11.7	11.9	12.0	12.0	11.9	
G177.0	11.9	12.0	12.0	12.1	11.6	11.9	11.9	12.0	11.9	
G178.0	12.0	11.9	12.0	12.1	11.7	11.9	12.0	12.0	12.0	
G179.0	11.9	11.9	12.0	12.1	11.8	11.9	12.0	12.1	11.9	
G180.0	11.9	11.9	12.0	12.1	11.8	11.9	12.0	12.1	11.9	

C Plane (°):0.0-360.0: 45.0
 Test Lab: Inventfine instruments
 Test Type: TYPE C
 Temperature: 26
 Operator: Carlos

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 8.684 m [K=1.0000]
 Humidity: 65
 Inspector: