

Report No.:

Test Time: 2025-05-23 08:33

Luminaire Property

Luminaire Manufacturer:
Luminaire Category:
Lamp Catalog:
Number of Lamps:
Luminous Length (mm):
Luminous Height (mm):
Current: 0.9070 A
Power Factor: 0.9850

Luminaire Description: AL-CUFO-CCT/200W
Lamp Description:
Lumens per Lamp:
Luminous Width (mm):
Voltage: 220.19 V
Power: 196.69 W

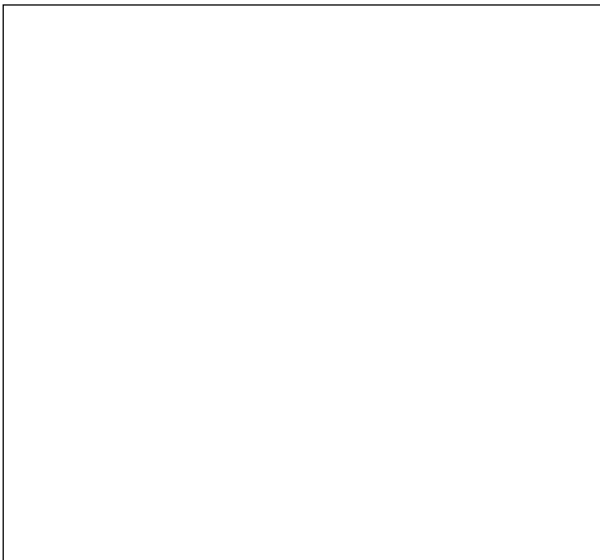
Photometric Results

CIE Class: Direct
Measurement Flux: 31732.1 lm
Downward Ratio: 99%
Horizontal Diffuse Angle(50%): H83.8
Vertical Diffuse Angle(50%): V84
Luminous Efficacy (lm/w): 161.33
Max. Intensity: 17053.95 cd
S/MH(C0/C180): 1.26

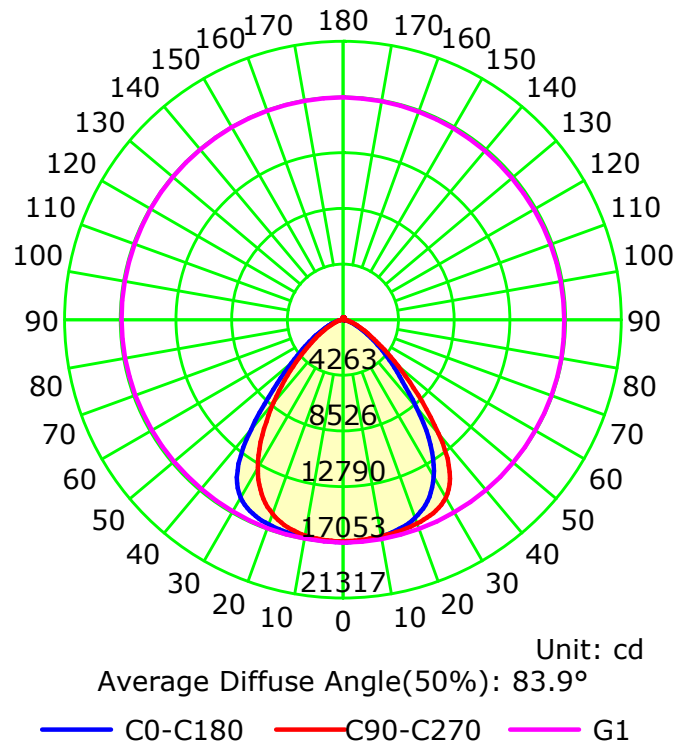
Total Rated Lamp Lumens: 31732.1 lm
Efficiency: 100%
Upward Ratio: 1%

C0r0 Intensity: 17036.33 cd
Pos of Max. Intensity: H0 V1
S/MH(C90/C270): 1.24

Picture Of Luminaire



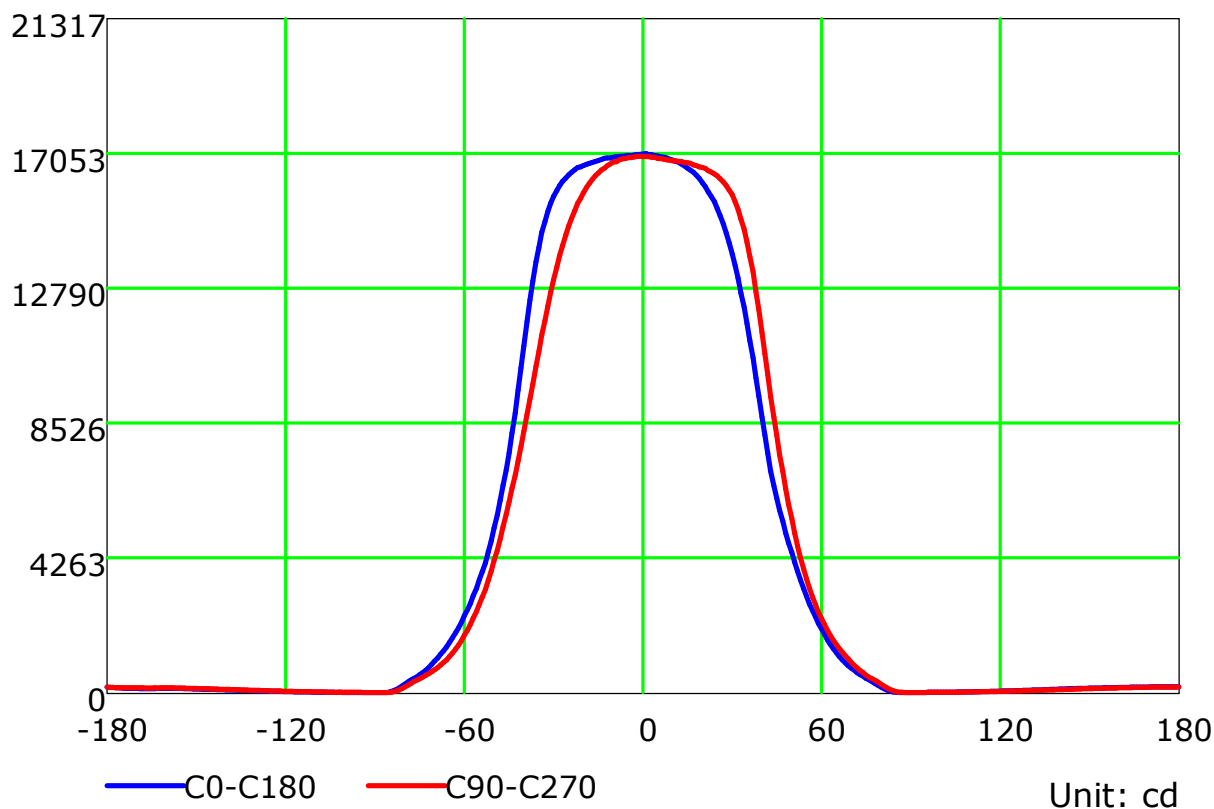
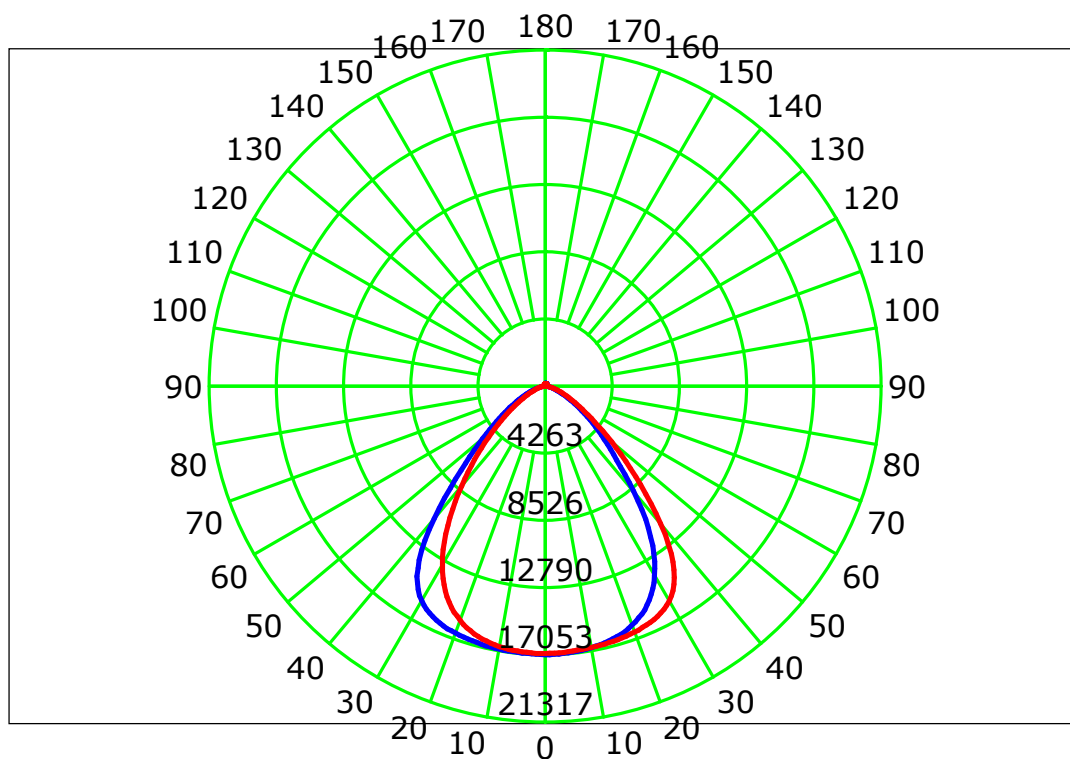
Luminous Intensity Distribution Curve



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=1.2000]
Humidity:
Inspector:

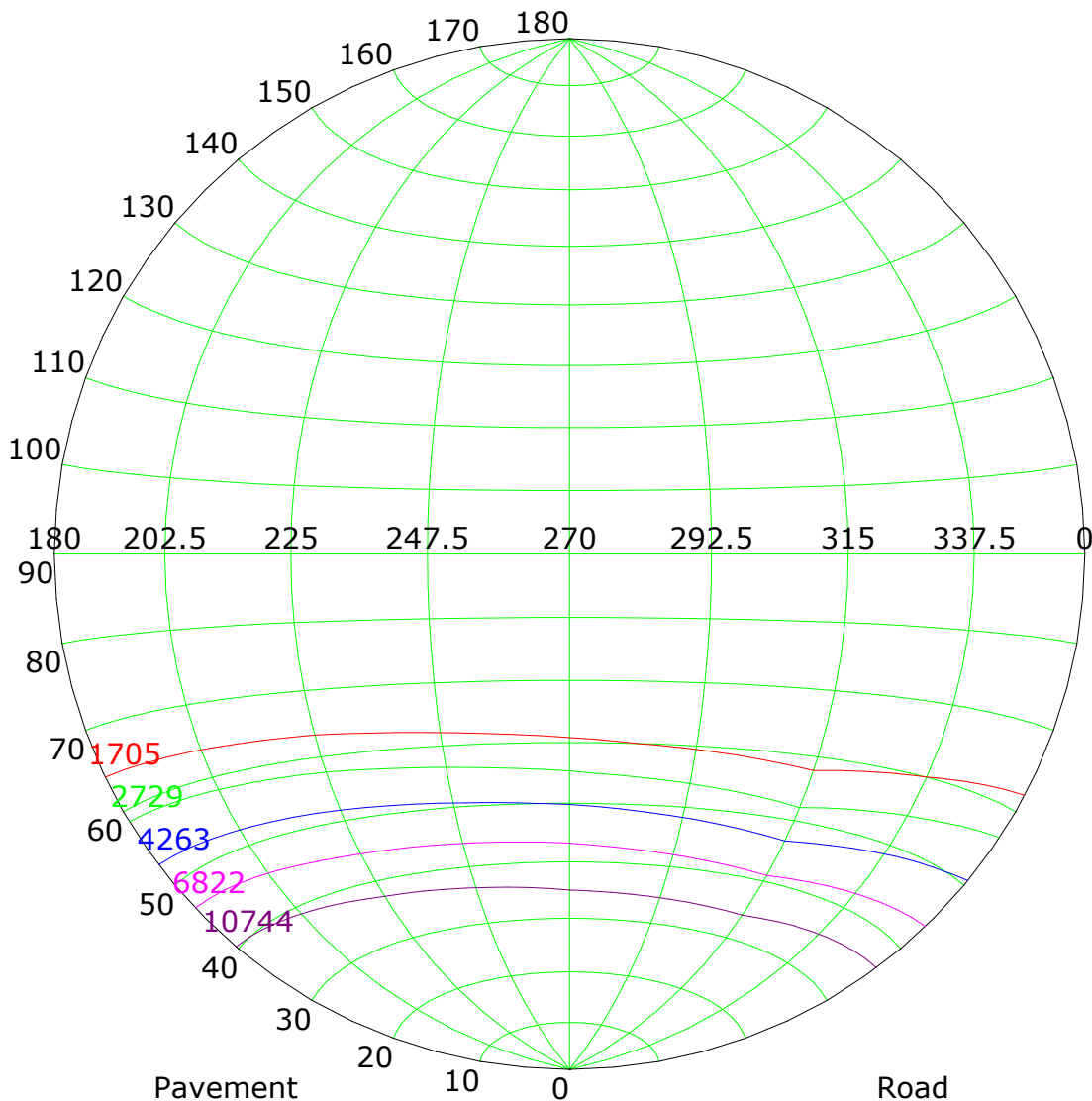
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Humidity:
Inspector:

Isocandela (sphere)



Imax (100%): 17054 cd

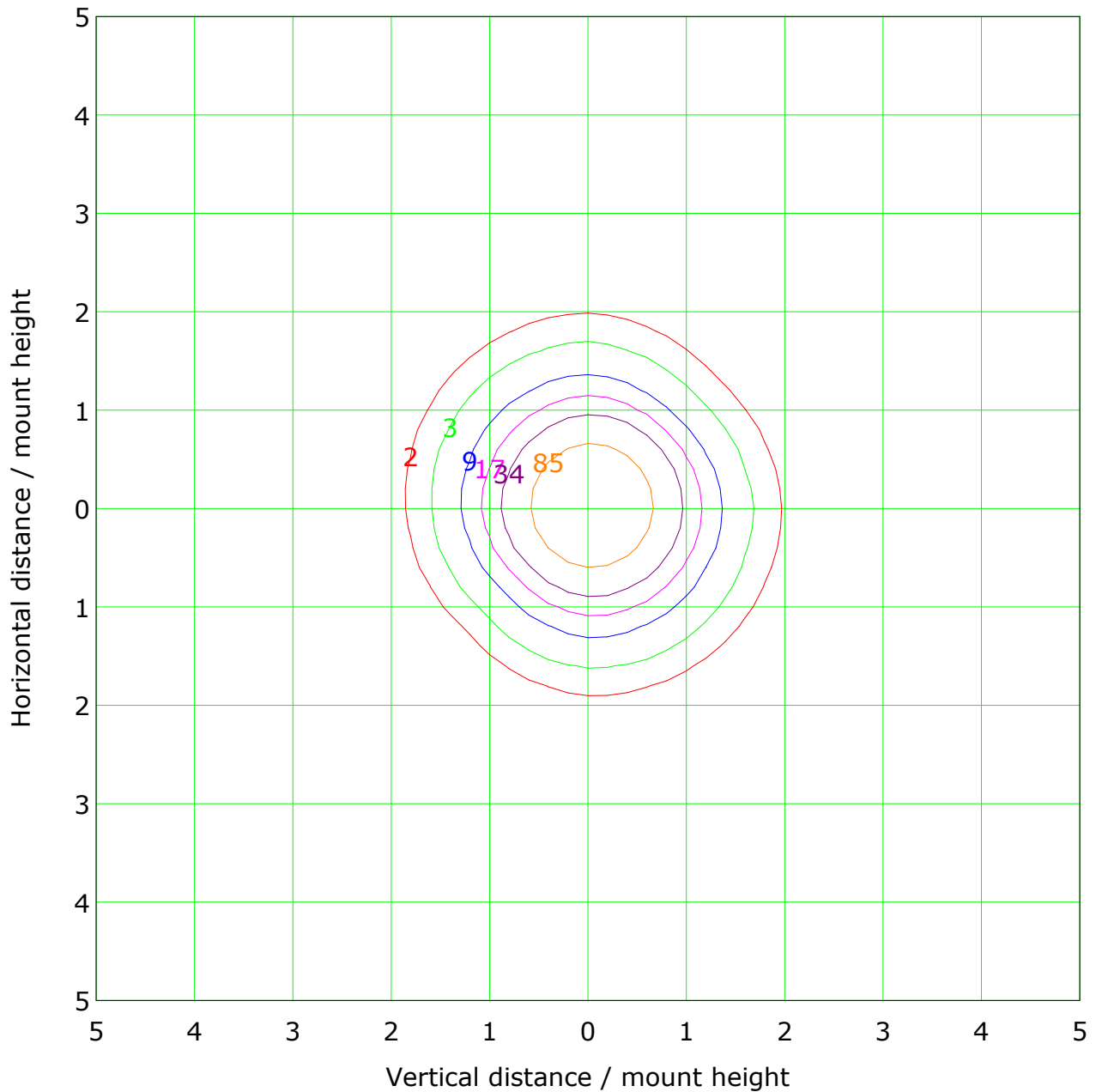
(10%): 1705 cd
(25%): 4263 cd
(63%): 10744 cd

(16%): 2729 cd
(40%): 6822 cd
(100%): 17054 cd

CIE: narrow - short
CIE: Full-cut-off luminaire
Max.At90: 0.278 cd/klm

IES: Cut-off
Max.At80: 9.233 cd/klm
Max.80-90: 9.233 cd/klm

IsoLux Plot



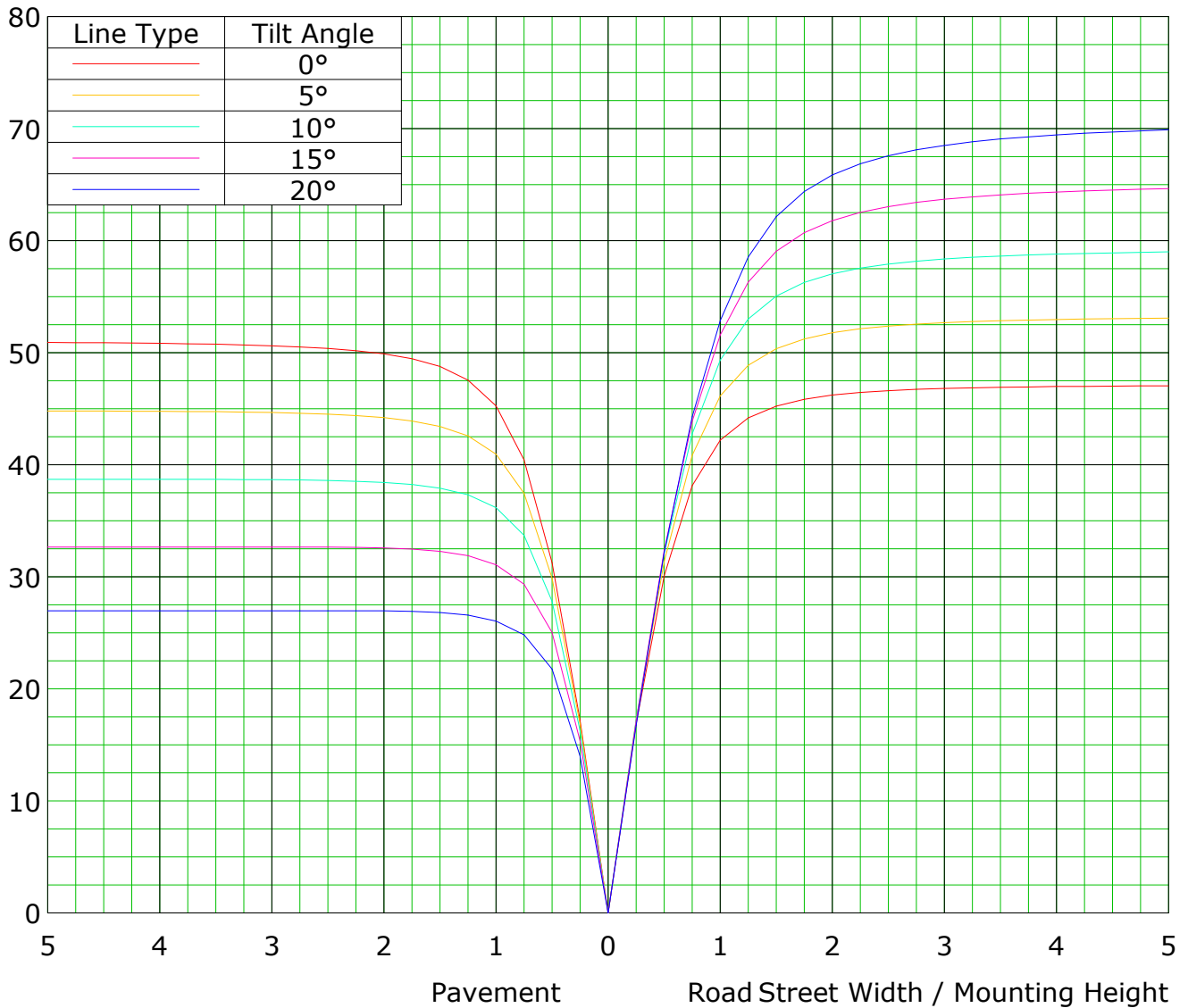
Mounting Height: 10.0m		Max Lux(100%): 170.5 lx	
— (1%):	1.7 lx	— (2%):	3.4 lx
— (5%):	8.5 lx	— (10%):	17.0 lx
— (20%):	34.1 lx	— (50%):	85.2 lx
— (100%):	170.5 lx		

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Test Lab:
Test Type: TYPE C
Temperature:
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Test Device: GPM-1600L
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Humidity:
Inspector:

Roadway CU Curve

Efficiency(%)



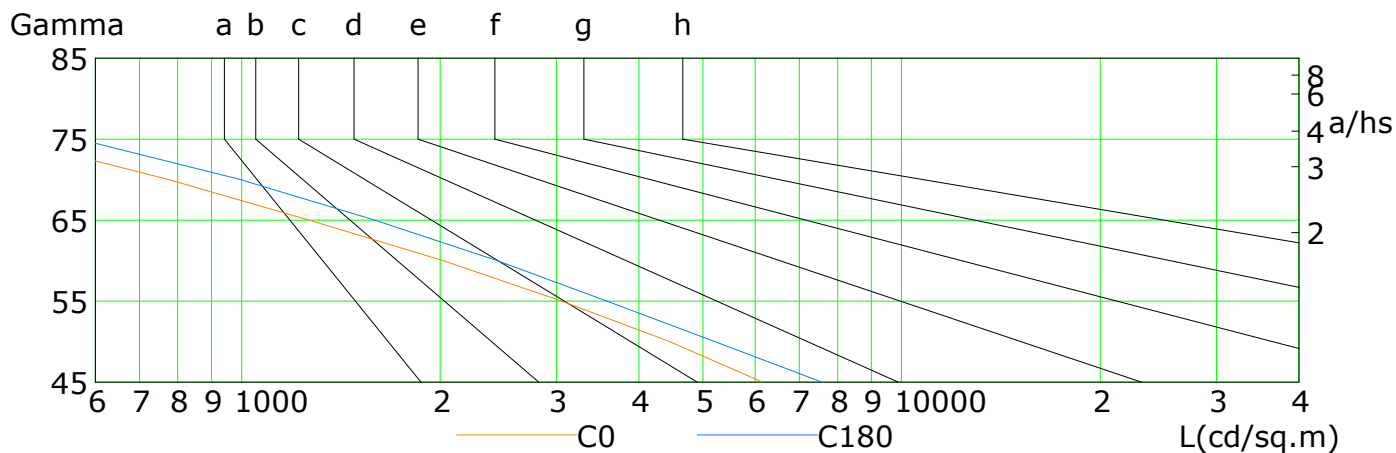
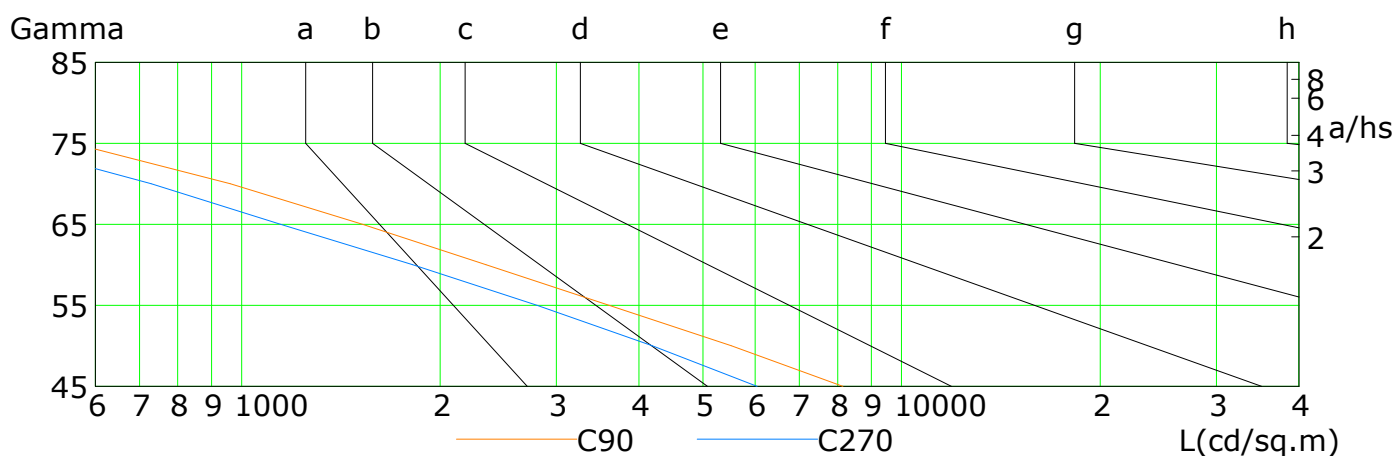
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

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Test Device: GPM-1600L
Distance: 9.903 m [K=1.2000]
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

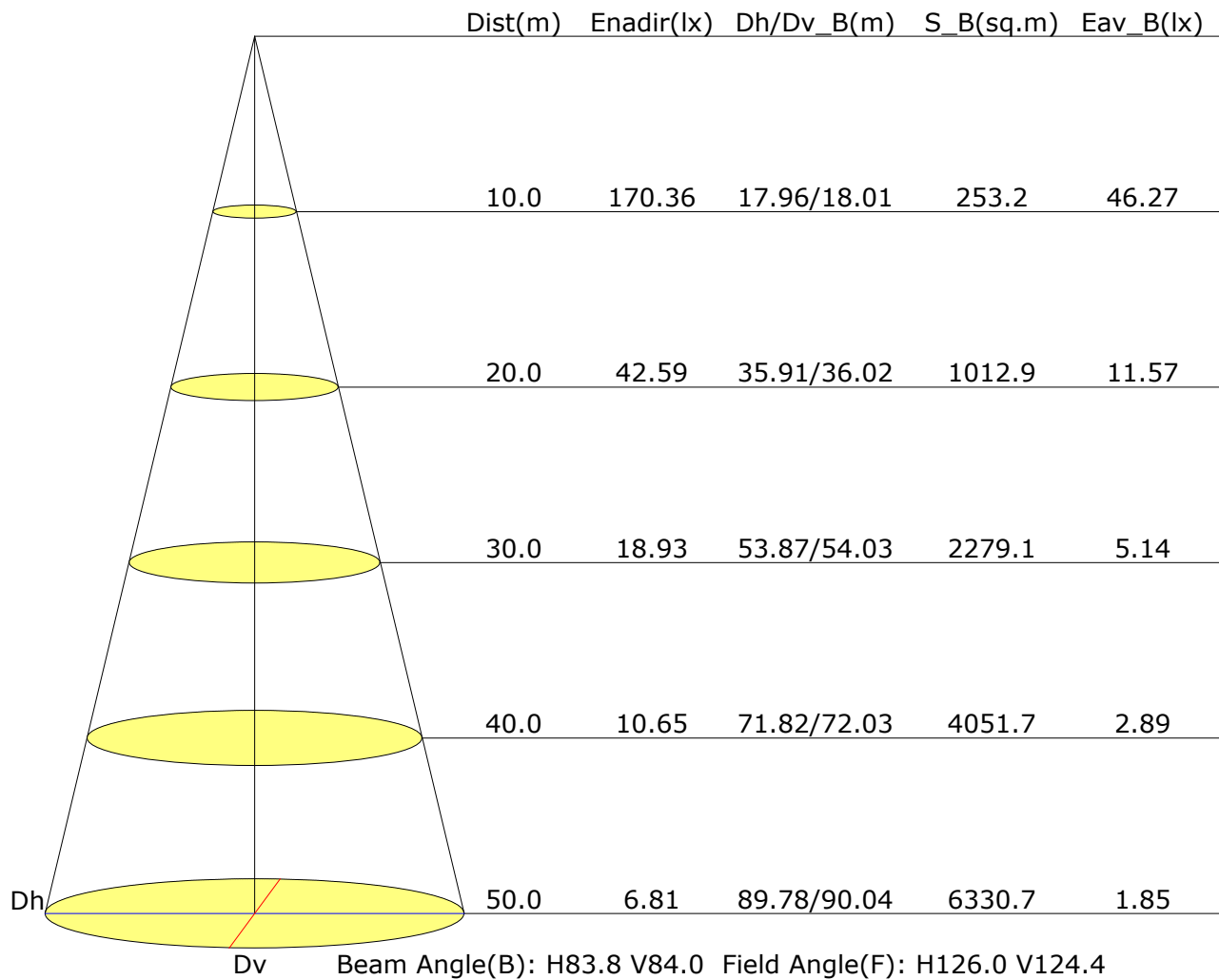


L(cd/sq.m)	G45	G50	G55	G60	G65	G70	G75	G80	G85
C0	6154	4446	3055	2017	1267	774	447	178	10
C90	8147	5516	3605	2344	1526	960	556	271	31
C180	7579	5207	3578	2437	1592	995	568	272	24
C270	6042	4187	2803	1816	1146	729	436	174	9

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Test Device: GPM-1600L
Distance: 9.903 m [K=1.2000]
Humidity:
Inspector:

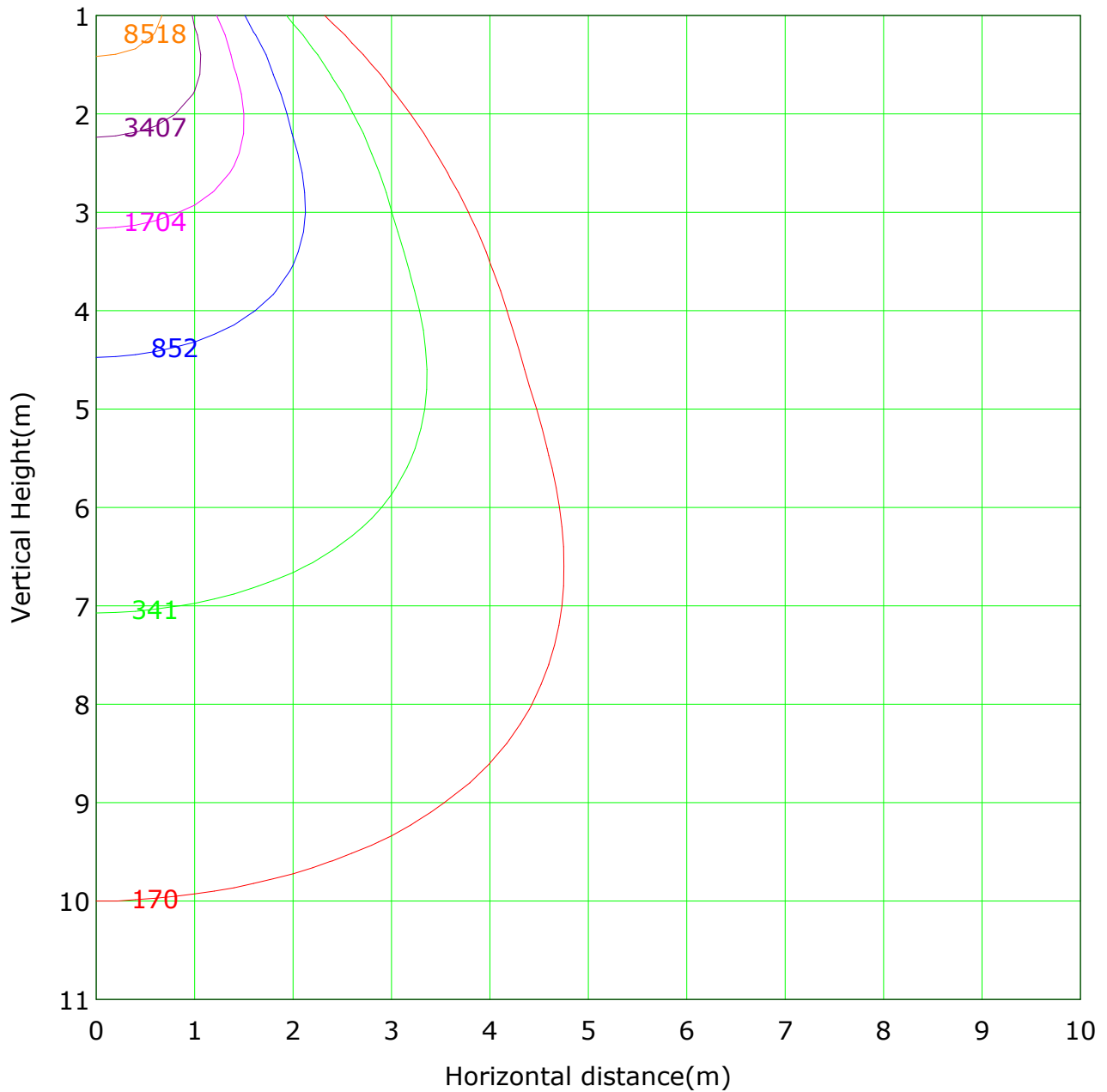
Illuminance at a Distance



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=1.2000]
Humidity:
Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 17036.3 lx

— (1%): 170.4 lx	— (2%): 340.7 lx
— (5%): 851.8 lx	— (10%): 1703.6 lx
— (20%): 3407.3 lx	— (50%): 8518.2 lx
— (100%): 17036.3 lx	

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Test Lab:
Test Type: TYPE C
Temperature:
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Distance: 9.903 m [K=1.2000]
Humidity:
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Area Flux Table

Unit: lm

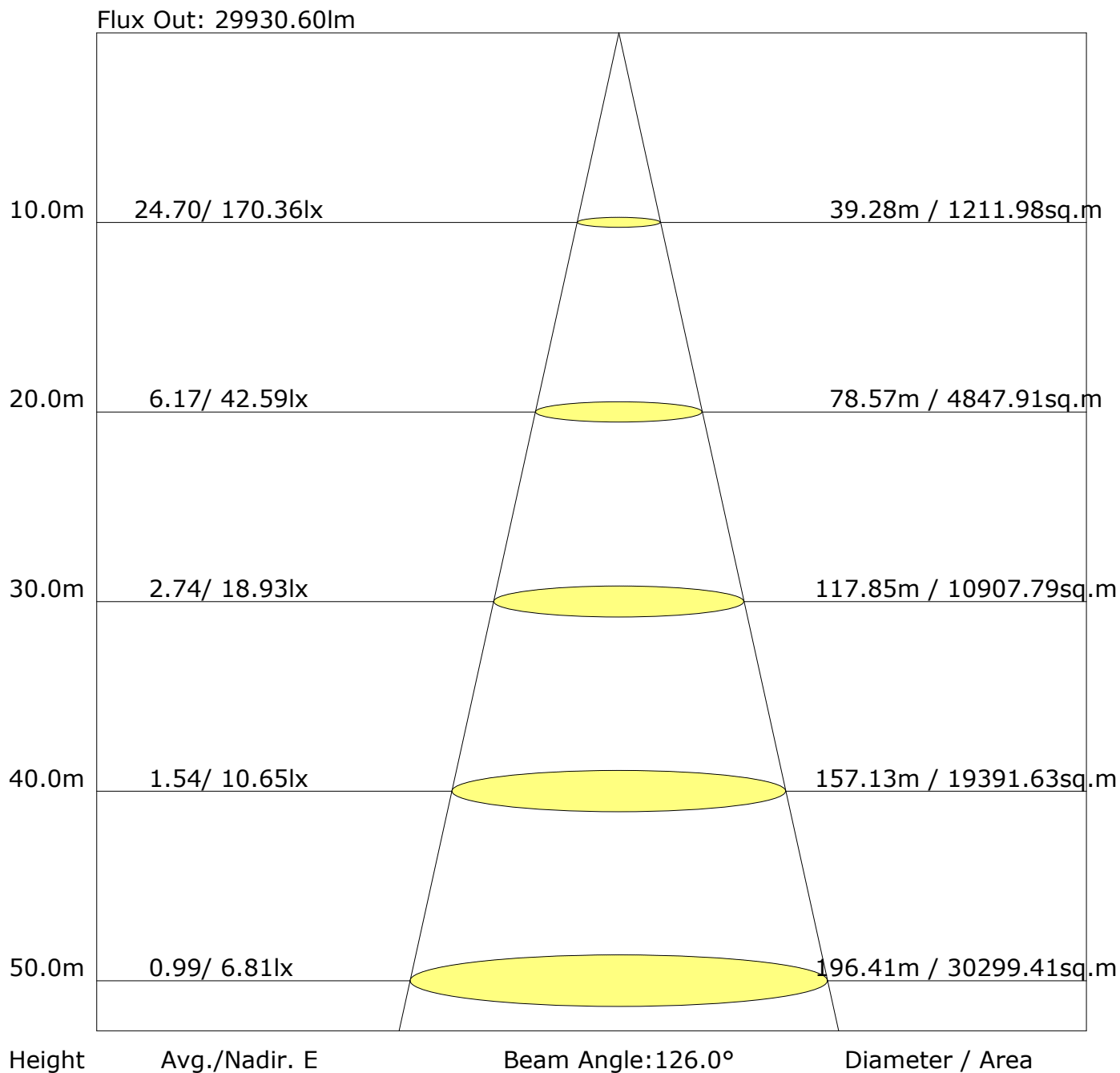
		Orbital plane																		
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
-90	0.0	0.0	0.1	0.3	0.6	0.9	1.2	1.3	1.3	1.2	1.1	0.9	0.6	0.4	0.2	0.1	0.1	0.0	10.3	0.0
-80	0.0	0.1	1.0	3.1	5.9	8.9	11.4	13.2	13.8	13.2	11.5	9.2	6.5	3.9	1.9	0.6	0.1	0.0	104.3	0.0
-70	0.0	0.7	3.6	8.5	15.0	22.6	29.7	34.8	36.6	34.6	29.6	22.8	16.0	10.4	6.1	2.4	0.4	0.0	273.8	8.9
-60	0.0	1.6	6.5	15.2	29.0	46.5	65.0	80.2	87.2	82.4	67.5	48.6	31.0	19.1	10.8	4.8	1.0	0.0	596.5	439.6
-50	0.1	2.5	9.6	24.4	49.4	85.4	126.7	164.0	184.2	175.9	141.2	95.4	56.7	33.6	17.2	7.2	1.8	0.1	1175.2	2088.9
-40	0.2	3.3	13.2	35.3	76.3	140.2	220.9	294.7	327.5	316.8	263.9	177.1	101.0	54.9	25.8	9.8	2.5	0.1	2063.2	2009.0
-30	0.2	4.1	16.6	46.8	107.8	213.6	337.8	417.8	446.3	437.1	386.6	287.4	167.3	82.3	36.0	12.6	3.1	0.1	3003.2	2962.3
-20	0.3	4.6	19.5	56.8	139.6	288.3	413.4	475.2	498.2	492.3	453.4	371.0	235.7	110.2	45.8	15.1	3.6	0.2	3623.8	3588.6
-10	0.3	4.9	21.2	63.1	163.1	334.1	443.2	492.0	513.3	509.3	481.0	410.8	278.6	130.9	53.0	16.9	3.8	0.2	3919.5	3888.0
0	0.3	4.9	21.0	62.6	166.1	343.3	448.5	491.9	510.4	513.1	487.0	420.5	289.4	136.8	54.8	17.2	3.9	0.2	3971.8	3941.2
10	0.3	4.6	19.1	55.2	145.2	316.4	437.3	485.2	505.7	506.4	479.3	406.5	267.9	126.1	50.6	16.2	3.7	0.2	3825.7	3791.4
20	0.2	4.1	16.2	44.2	108.6	248.6	396.9	466.4	492.2	488.4	449.0	356.4	214.8	102.9	42.3	14.0	3.3	0.1	3448.5	3409.1
30	0.2	3.4	12.9	32.7	70.8	151.3	227.8	237.7	242.1	241.3	0.353	0.252	1.147	7.74	1.32	1.1	2.7	0.1	2634.2	2583.0
40	0.1	2.6	9.6	22.7	43.3	77.2	137.0	202.4	243.2	224.0	8.200	0.142	8.88	5.48	1.22	3.8	2.0	0.1	1491.1	1417.0
50	0.1	1.7	6.6	14.9	26.0	41.2	63.7	88.5	107.4	109.5	94.2	71.6	48.3	28.3	14.3	5.8	1.2	0.0	723.3	589.0
60	0.0	0.8	3.9	8.8	14.9	22.5	31.2	39.8	46.0	46.8	41.6	33.3	23.9	15.2	8.2	3.1	0.5	0.0	340.4	67.1
70	0.0	0.2	1.3	3.8	6.9	10.1	13.2	15.8	17.4	17.4	15.8	13.0	9.7	6.2	3.0	0.9	0.1	0.0	134.9	0.0
80	0.0	0.1	0.2	0.5	1.0	1.5	1.9	2.2	2.3	2.2	2.0	1.6	1.1	0.7	0.3	0.1	0.1	0.0	18.0	0.0
90	2.3	44.1	182.2	498.6	169.0	352.7	457.4	142.9	454.4	400.2	357.6	121.0	984.6	84.1	424.5	146.6	33.7	1.4	31358	
Flux(T)	0.0	0.0	43.1	385.8	1064.2	250.8	359.4	404.7	362.4	307.5	862.6	22.3	881.6	879.0	304.0	12.7	0.0	0.0		29783
Flux(E)	0.0	0.0	43.1	385.8	1064.2	250.8	359.4	404.7	362.4	307.5	862.6	22.3	881.6	879.0	304.0	12.7	0.0	0.0		29783
-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90	Flux(T)	Flux(E)

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=1.2000]
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 31732Im ($8\log(F/F_0) = 12.0$).

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	16977.3	16.2	16.2	0.05	0.05
1.0-2.0	16978.2	48.7	65.0	0.15	0.20
2.0-3.0	16970.2	81.2	146.2	0.26	0.46
3.0-4.0	16956.5	113.5	259.7	0.36	0.82
4.0-5.0	16941.4	145.8	405.4	0.46	1.28
5.0-6.0	16927.6	177.9	583.4	0.56	1.84
6.0-7.0	16910.6	209.9	793.3	0.66	2.50
7.0-8.0	16890.0	241.8	1035.0	0.76	3.26
8.0-9.0	16868.1	273.4	1308.5	0.86	4.12
9.0-10.0	16846.4	304.9	1613.4	0.96	5.08
10.0-11.0	16820.1	336.1	1949.5	1.06	6.14
11.0-12.0	16788.8	367.1	2316.5	1.16	7.30
12.0-13.0	16753.3	397.6	2714.2	1.25	8.55
13.0-14.0	16714.5	427.9	3142.1	1.35	9.90
14.0-15.0	16671.0	457.7	3599.8	1.44	11.34
15.0-16.0	16620.2	487.1	4086.9	1.53	12.88
16.0-17.0	16561.4	515.8	4602.7	1.63	14.50
17.0-18.0	16492.3	543.8	5146.5	1.71	16.22
18.0-19.0	16418.3	571.3	5717.8	1.80	18.02
19.0-20.0	16334.8	597.9	6315.8	1.88	19.90
20.0-21.0	16247.5	624.0	6939.7	1.97	21.87
21.0-22.0	16144.4	648.9	7588.6	2.04	23.91
22.0-23.0	16024.8	672.5	8261.1	2.12	26.03
23.0-24.0	15894.9	695.0	8956.1	2.19	28.22
24.0-25.0	15750.5	716.3	9672.4	2.26	30.48
25.0-26.0	15588.7	735.9	10408.3	2.32	32.80
26.0-27.0	15396.6	753.4	11161.7	2.37	35.17
27.0-28.0	15185.8	768.9	11930.6	2.42	37.60
28.0-29.0	14953.0	782.4	12713.1	2.47	40.06
29.0-30.0	14688.1	793.2	13506.2	2.50	42.56
30.0-31.0	14398.2	801.4	14307.6	2.53	45.09
31.0-32.0	14073.7	806.4	15114.0	2.54	47.63
32.0-33.0	13707.0	807.6	15921.6	2.55	50.18
33.0-34.0	13312.7	805.8	16727.3	2.54	52.71
34.0-35.0	12864.4	799.0	17526.4	2.52	55.23
35.0-36.0	12373.0	787.9	18314.3	2.48	57.72

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Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1600L
Distance: 9.903 m [K=1.2000]
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	11858.2	773.5	19087.8	2.44	60.15
37.0-38.0	11291.6	753.8	19841.6	2.38	62.53
38.0-39.0	10705.2	730.8	20572.4	2.30	64.83
39.0-40.0	10074.5	702.7	21275.1	2.21	67.05
40.0-41.0	9429.9	671.6	21946.7	2.12	69.16
41.0-42.0	8820.6	640.9	22587.6	2.02	71.18
42.0-43.0	8202.9	607.7	23195.4	1.92	73.10
43.0-44.0	7617.2	575.0	23770.3	1.81	74.91
44.0-45.0	7083.8	544.5	24314.8	1.72	76.63
45.0-46.0	6566.6	513.6	24828.4	1.62	78.24
46.0-47.0	6087.0	484.2	25312.6	1.53	79.77
47.0-48.0	5635.2	455.6	25768.2	1.44	81.21
48.0-49.0	5200.3	427.1	26195.3	1.35	82.55
49.0-50.0	4811.1	401.2	26596.5	1.26	83.82
50.0-51.0	4437.4	375.5	26972.0	1.18	85.00
51.0-52.0	4087.1	350.8	27322.7	1.11	86.10
52.0-53.0	3769.4	327.9	27650.7	1.03	87.14
53.0-54.0	3471.1	306.0	27956.7	0.96	88.10
54.0-55.0	3207.1	286.3	28243.0	0.90	89.00
55.0-56.0	2956.8	267.2	28510.2	0.84	89.85
56.0-57.0	2722.8	249.0	28759.2	0.78	90.63
57.0-58.0	2510.6	232.2	28991.4	0.73	91.36
58.0-59.0	2309.5	215.9	29207.3	0.68	92.04
59.0-60.0	2126.6	200.9	29408.3	0.63	92.68
60.0-61.0	1955.7	186.7	29594.9	0.59	93.26
61.0-62.0	1792.5	172.8	29767.7	0.54	93.81
62.0-63.0	1646.5	160.2	29927.8	0.50	94.31
63.0-64.0	1508.9	148.1	30075.9	0.47	94.78
64.0-65.0	1380.7	136.7	30212.6	0.43	95.21
65.0-66.0	1265.4	126.3	30338.8	0.40	95.61
66.0-67.0	1156.6	116.3	30455.1	0.37	95.98
67.0-68.0	1059.0	107.3	30562.4	0.34	96.31
68.0-69.0	967.9	98.8	30661.2	0.31	96.63
69.0-70.0	880.1	90.4	30751.6	0.28	96.91
70.0-71.0	800.7	82.8	30834.4	0.26	97.17
71.0-72.0	725.1	75.4	30909.8	0.24	97.41

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=1.2000]
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	654.5	68.5	30978.2	0.22	97.62
73.0-74.0	590.4	62.1	31040.3	0.20	97.82
74.0-75.0	527.0	55.7	31096.0	0.18	98.00
75.0-76.0	470.3	49.9	31145.9	0.16	98.15
76.0-77.0	421.2	44.9	31190.8	0.14	98.29
77.0-78.0	370.4	39.7	31230.5	0.12	98.42
78.0-79.0	315.1	33.9	31264.3	0.11	98.53
79.0-80.0	258.4	27.9	31292.2	0.09	98.61
80.0-81.0	203.4	22.0	31314.2	0.07	98.68
81.0-82.0	152.4	16.5	31330.7	0.05	98.74
82.0-83.0	108.1	11.8	31342.5	0.04	98.77
83.0-84.0	71.9	7.8	31350.3	0.02	98.80
84.0-85.0	42.2	4.6	31354.9	0.01	98.81
85.0-86.0	22.8	2.5	31357.4	0.01	98.82
86.0-87.0	13.3	1.5	31358.9	0.00	98.82
87.0-88.0	9.0	1.0	31359.9	0.00	98.83
88.0-89.0	7.6	0.8	31360.7	0.00	98.83
89.0-90.0	7.3	0.8	31361.5	0.00	98.83
90.0-91.0	7.3	0.8	31362.3	0.00	98.83
91.0-92.0	7.7	0.8	31363.1	0.00	98.84
92.0-93.0	8.1	0.9	31364.0	0.00	98.84
93.0-94.0	8.4	0.9	31364.9	0.00	98.84
94.0-95.0	8.7	0.9	31365.9	0.00	98.85
95.0-96.0	9.4	1.0	31366.9	0.00	98.85
96.0-97.0	10.2	1.1	31368.0	0.00	98.85
97.0-98.0	10.6	1.2	31369.2	0.00	98.86
98.0-99.0	11.2	1.2	31370.4	0.00	98.86
99.0-100.0	12.1	1.3	31371.7	0.00	98.86
100.0-101.0	12.9	1.4	31373.1	0.00	98.87
101.0-102.0	13.8	1.5	31374.6	0.00	98.87
102.0-103.0	14.8	1.6	31376.2	0.00	98.88
103.0-104.0	15.7	1.7	31377.8	0.01	98.88
104.0-105.0	17.0	1.8	31379.6	0.01	98.89
105.0-106.0	18.1	1.9	31381.5	0.01	98.90
106.0-107.0	19.1	2.0	31383.6	0.01	98.90
107.0-108.0	20.2	2.1	31385.7	0.01	98.91

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=1.2000]
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	21.7	2.3	31387.9	0.01	98.92
109.0-110.0	23.4	2.4	31390.4	0.01	98.92
110.0-111.0	24.7	2.5	31392.9	0.01	98.93
111.0-112.0	26.1	2.7	31395.6	0.01	98.94
112.0-113.0	27.8	2.8	31398.4	0.01	98.95
113.0-114.0	29.5	3.0	31401.3	0.01	98.96
114.0-115.0	31.4	3.1	31404.5	0.01	98.97
115.0-116.0	33.5	3.3	31407.8	0.01	98.98
116.0-117.0	35.5	3.5	31411.3	0.01	98.99
117.0-118.0	37.7	3.7	31414.9	0.01	99.00
118.0-119.0	39.6	3.8	31418.8	0.01	99.01
119.0-120.0	41.7	4.0	31422.7	0.01	99.03
120.0-121.0	44.2	4.2	31426.9	0.01	99.04
121.0-122.0	46.3	4.3	31431.2	0.01	99.05
122.0-123.0	48.6	4.5	31435.7	0.01	99.07
123.0-124.0	50.9	4.7	31440.4	0.01	99.08
124.0-125.0	53.4	4.8	31445.2	0.02	99.10
125.0-126.0	56.2	5.0	31450.2	0.02	99.11
126.0-127.0	58.8	5.2	31455.4	0.02	99.13
127.0-128.0	61.2	5.3	31460.7	0.02	99.14
128.0-129.0	63.8	5.5	31466.2	0.02	99.16
129.0-130.0	66.7	5.6	31471.9	0.02	99.18
130.0-131.0	69.5	5.8	31477.7	0.02	99.20
131.0-132.0	72.2	5.9	31483.6	0.02	99.22
132.0-133.0	75.0	6.1	31489.7	0.02	99.24
133.0-134.0	77.9	6.2	31495.9	0.02	99.26
134.0-135.0	81.0	6.3	31502.2	0.02	99.28
135.0-136.0	84.3	6.5	31508.7	0.02	99.30
136.0-137.0	87.2	6.6	31515.3	0.02	99.32
137.0-138.0	90.3	6.7	31521.9	0.02	99.34
138.0-139.0	93.3	6.8	31528.7	0.02	99.36
139.0-140.0	96.2	6.9	31535.6	0.02	99.38
140.0-141.0	99.4	6.9	31542.5	0.02	99.40
141.0-142.0	102.8	7.0	31549.5	0.02	99.42
142.0-143.0	105.9	7.1	31556.6	0.02	99.45
143.0-144.0	109.1	7.1	31563.7	0.02	99.47

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=1.2000]
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	112.2	7.1	31570.9	0.02	99.49
145.0-146.0	115.1	7.2	31578.0	0.02	99.51
146.0-147.0	118.1	7.1	31585.2	0.02	99.54
147.0-148.0	120.9	7.1	31592.3	0.02	99.56
148.0-149.0	124.0	7.1	31599.4	0.02	99.58
149.0-150.0	127.1	7.1	31606.5	0.02	99.60
150.0-151.0	129.8	7.0	31613.5	0.02	99.63
151.0-152.0	132.3	6.9	31620.4	0.02	99.65
152.0-153.0	135.1	6.8	31627.2	0.02	99.67
153.0-154.0	138.0	6.8	31634.0	0.02	99.69
154.0-155.0	140.5	6.6	31640.6	0.02	99.71
155.0-156.0	143.3	6.5	31647.1	0.02	99.73
156.0-157.0	145.8	6.4	31653.5	0.02	99.75
157.0-158.0	147.8	6.2	31659.7	0.02	99.77
158.0-159.0	149.8	6.0	31665.7	0.02	99.79
159.0-160.0	151.9	5.8	31671.6	0.02	99.81
160.0-161.0	153.4	5.6	31677.2	0.02	99.83
161.0-162.0	154.6	5.4	31682.6	0.02	99.84
162.0-163.0	155.6	5.1	31687.7	0.02	99.86
163.0-164.0	156.5	4.9	31692.6	0.02	99.88
164.0-165.0	157.3	4.6	31697.2	0.01	99.89
165.0-166.0	157.8	4.3	31701.5	0.01	99.90
166.0-167.0	158.8	4.1	31705.6	0.01	99.92
167.0-168.0	160.4	3.8	31709.4	0.01	99.93
168.0-169.0	161.8	3.5	31712.9	0.01	99.94
169.0-170.0	163.6	3.3	31716.2	0.01	99.95
170.0-171.0	164.8	3.0	31719.2	0.01	99.96
171.0-172.0	164.4	2.7	31721.8	0.01	99.97
172.0-173.0	164.2	2.4	31724.2	0.01	99.98
173.0-174.0	165.2	2.1	31726.2	0.01	99.98
174.0-175.0	166.8	1.8	31728.0	0.01	99.99
175.0-176.0	168.9	1.5	31729.4	0.00	99.99
176.0-177.0	170.5	1.1	31730.6	0.00	100.00
177.0-178.0	171.7	0.8	31731.4	0.00	100.00
178.0-179.0	173.8	0.5	31731.9	0.00	100.00
179.0-180.0	176.2	0.2	31732.1	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=1.2000]
Humidity:
Inspector:

Zonal Lumen (Continue 5)

cone flux(90°): 24314.82 lm

%lum = 76.6%
%lamp = 76.6%

cone flux(120°): 29408.26 lm

%lum = 92.7%
%lamp = 92.7%

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	17036.3	17029.0	16956.3	16881.4	17036.3	17029.0	16956.3	16881.4	17036.3	
G1.0	17053.9	17020.2	16954.8	16878.8	17030.5	17036.3	16964.7	16890.9	17053.9	
G2.0	17015.4	17039.6	16954.1	16895.7	17022.8	17046.2	16971.7	16875.5	17015.4	
G3.0	17019.8	17025.3	16939.8	16845.0	17006.2	17028.3	16949.3	16888.7	17019.8	
G4.0	16991.9	17024.9	16935.4	16829.3	16991.5	17027.2	16929.1	16872.2	16991.9	
G5.0	16977.6	17005.5	16900.1	16798.1	16998.9	17014.7	16929.1	16837.0	16977.6	
G6.0	16960.3	17034.5	16901.6	16802.1	16973.9	16988.2	16896.4	16823.0	16960.3	
G7.0	16942.3	16993.0	16874.1	16778.6	16964.4	16975.4	16882.1	16779.3	16942.3	
G8.0	16919.9	16952.3	16860.5	16766.1	16964.0	16960.7	16857.9	16769.4	16919.9	
G9.0	16878.4	16932.1	16846.5	16750.3	16958.9	16944.5	16800.3	16727.2	16878.4	
G10.0	16848.7	16924.0	16829.6	16769.4	16935.0	16932.1	16784.5	16681.7	16848.7	
G11.0	16803.2	16896.4	16821.9	16731.6	16918.8	16889.5	16726.1	16629.5	16803.2	
G12.0	16781.5	16850.6	16805.0	16720.9	16915.5	16888.7	16670.6	16571.2	16781.5	
G13.0	16719.8	16824.1	16805.4	16686.1	16906.4	16821.5	16588.4	16497.3	16719.8	
G14.0	16661.1	16819.0	16765.7	16688.6	16867.8	16816.8	16535.5	16428.3	16661.1	
G15.0	16589.9	16772.7	16763.9	16666.6	16833.7	16745.9	16438.2	16342.0	16589.9	
G16.0	16530.8	16734.2	16744.4	16656.7	16808.3	16680.2	16362.6	16253.2	16530.8	
G17.0	16460.3	16657.8	16699.3	16633.9	16780.4	16618.9	16240.0	16121.8	16460.3	
G18.0	16373.6	16603.1	16672.8	16602.3	16749.2	16549.8	16117.3	15996.2	16373.6	
G19.0	16266.0	16537.7	16633.6	16578.1	16712.5	16465.4	15984.4	15850.4	16266.0	
G20.0	16129.1	16488.9	16609.7	16546.6	16678.7	16369.9	15811.1	15694.8	16129.1	
G21.0	16006.5	16429.8	16580.0	16539.6	16629.5	16291.4	15632.0	15522.5	16006.5	
G22.0	15847.1	16293.9	16508.0	16491.8	16609.3	16133.9	15480.3	15314.4	15847.1	
G23.0	15706.9	16207.7	16468.0	16452.9	16540.3	16010.9	15242.0	15088.6	15706.9	
G24.0	15535.8	16108.9	16414.7	16401.2	16462.8	15854.8	15005.6	14817.6	15535.8	
G25.0	15316.6	15972.7	16350.5	16370.3	16375.8	15679.7	14761.4	14579.7	15316.6	
G26.0	15095.9	15822.9	16258.3	16297.6	16280.7	15488.4	14474.3	14293.7	15095.9	
G27.0	14826.1	15644.5	16153.7	16213.5	16175.3	15251.6	14142.8	13926.5	14826.1	
G28.0	14550.3	15437.4	16045.0	16116.2	16044.3	15010.4	13837.0	13597.6	14550.3	
G29.0	14240.1	15227.4	15909.2	16027.0	15886.0	14682.9	13459.9	13177.9	14240.1	
G30.0	13880.6	14948.0	15754.6	15873.9	15706.9	14373.7	13070.0	12792.4	13880.6	
G31.0	13513.5	14650.9	15533.2	15705.8	15492.8	14022.0	12678.2	12374.6	13513.5	
G32.0	13124.3	14328.2	15301.9	15518.9	15225.2	13598.3	12232.8	11878.2	13124.3	
G33.0	12645.5	13953.0	14987.6	15261.1	14906.5	13186.7	11775.4	11388.0	12645.5	
G34.0	12213.0	13559.0	14666.0	14980.6	14563.2	12721.9	11316.8	10878.0	12213.0	
G35.0	11678.5	13087.6	14249.6	14603.2	14082.6	12164.6	10787.0	10279.6	11678.5	
G36.0	11135.8	12600.0	13796.9	14198.2	13633.5	11625.2	10319.6	9725.5	11135.8	

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=1.2000]
 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	10593.1	12106.2	13322.9	13752.9	13021.9	11023.1	9762.3	9114.2	10593.1	
G38.0	9961.6	11487.5	12684.1	13174.2	12419.4	10449.2	9280.2	8512.1	9961.6	
G39.0	9383.4	10924.3	12120.1	12566.2	11739.4	9838.3	8802.2	7940.8	9383.4	
G40.0	8719.2	10232.6	11382.9	11787.1	10976.5	9206.0	8273.5	7299.8	8719.2	
G41.0	8147.9	9641.8	10715.4	11078.9	10271.9	8613.1	7780.4	6751.2	8147.9	
G42.0	7567.0	9021.3	10061.9	10280.0	9571.0	8079.6	7331.7	6216.3	7567.0	
G43.0	7000.2	8410.0	9357.7	9409.4	8833.0	7530.0	6876.1	5700.8	7000.2	
G44.0	6544.9	7853.8	8715.1	8634.7	8216.9	7053.4	6469.3	5270.1	6544.9	
G45.0	6153.5	7362.5	8147.2	7867.0	7579.2	6600.0	6041.5	4831.0	6153.5	
G46.0	5764.3	6801.9	7520.1	7078.0	7044.2	6187.3	5643.5	4444.4	5764.3	
G47.0	5419.9	6350.7	7006.4	6414.2	6557.7	5816.5	5249.2	4093.4	5419.9	
G48.0	5053.1	5878.9	6448.3	5772.4	6079.0	5413.7	4858.2	3751.2	5053.1	
G49.0	4738.1	5460.7	5952.3	5184.2	5612.7	5066.7	4502.0	3433.3	4738.1	
G50.0	4445.5	5059.0	5516.1	4685.6	5207.0	4756.5	4186.7	3170.4	4445.5	
G51.0	4123.5	4660.3	5045.4	4191.1	4792.5	4410.3	3845.2	2902.7	4123.5	
G52.0	3847.4	4288.4	4646.3	3804.1	4459.5	4126.8	3563.2	2686.5	3847.4	
G53.0	3566.9	3956.8	4266.0	3442.1	4106.6	3809.6	3268.8	2470.9	3566.9	
G54.0	3296.7	3644.4	3914.6	3103.9	3827.9	3544.5	3024.3	2294.0	3296.7	
G55.0	3055.1	3367.9	3605.1	2827.8	3577.6	3305.9	2802.9	2121.1	3055.1	
G56.0	2810.2	3106.9	3302.2	2571.2	3296.3	3047.8	2565.7	1945.6	2810.2	
G57.0	2598.7	2870.8	3025.0	2356.0	3072.0	2826.4	2367.0	1803.1	2598.7	
G58.0	2404.9	2664.1	2788.2	2175.0	2824.5	2590.6	2157.4	1645.9	2404.9	
G59.0	2190.8	2433.9	2543.6	1990.3	2632.9	2405.2	1984.8	1519.3	2190.8	
G60.0	2017.2	2249.2	2344.3	1843.1	2436.8	2215.0	1816.3	1402.5	2017.2	
G61.0	1847.5	2063.8	2162.2	1710.6	2227.5	2029.3	1643.0	1282.5	1847.5	
G62.0	1677.2	1885.7	1976.4	1571.8	2050.6	1864.0	1503.5	1185.2	1677.2	
G63.0	1535.8	1730.4	1820.0	1456.9	1893.8	1718.7	1381.6	1092.7	1535.8	
G64.0	1389.3	1578.4	1658.4	1340.5	1734.1	1562.2	1251.3	997.9	1389.3	
G65.0	1266.7	1442.6	1526.3	1247.6	1592.0	1444.4	1146.3	913.1	1266.7	
G66.0	1151.8	1316.3	1401.1	1165.0	1452.1	1309.3	1042.3	830.5	1151.8	
G67.0	1040.9	1199.1	1276.2	1077.6	1326.5	1201.7	952.4	763.0	1040.9	
G68.0	942.8	1094.8	1167.6	1007.5	1216.8	1099.3	873.8	703.8	942.8	
G69.0	855.5	996.5	1073.6	931.5	1098.5	987.7	794.2	643.3	855.5	
G70.0	774.3	902.5	960.5	858.0	995.0	891.8	728.8	590.8	774.3	
G71.0	709.0	824.6	870.2	787.9	899.5	805.2	667.1	545.6	709.0	
G72.0	635.2	741.7	780.2	717.8	799.3	719.6	603.2	495.7	635.2	
G73.0	574.2	674.1	708.2	652.8	716.3	653.2	549.3	452.0	574.2	

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=1.2000]
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	517.7	605.4	635.2	592.6	634.8	579.4	492.0	408.6	517.7	
G75.0	446.8	537.5	555.5	534.9	568.0	523.2	436.2	365.0	446.8	
G76.0	406.1	474.4	492.4	488.3	506.3	471.1	402.0	316.9	406.1	
G77.0	350.3	424.1	445.0	453.4	455.3	417.5	352.8	283.4	350.3	
G78.0	284.9	377.8	392.1	400.9	397.3	360.5	286.8	243.8	284.9	
G79.0	235.0	317.6	334.8	347.7	334.5	298.9	236.1	193.1	235.0	
G80.0	177.7	256.3	270.6	293.0	272.1	239.4	174.4	153.1	177.7	
G81.0	127.4	203.4	212.2	245.3	209.3	184.7	122.6	113.8	127.4	
G82.0	83.7	151.3	153.1	192.0	143.9	131.1	85.6	78.9	83.7	
G83.0	53.6	102.1	106.5	141.7	97.7	93.3	54.3	60.6	53.6	
G84.0	24.6	72.0	62.8	99.5	59.8	63.9	22.4	36.0	24.6	
G85.0	10.3	42.6	31.2	69.0	23.5	31.6	9.2	16.5	10.3	
G86.0	8.8	24.6	15.1	40.0	9.6	15.1	8.4	9.9	8.8	
G87.0	6.6	10.6	12.1	20.9	5.9	8.8	8.4	7.3	6.6	
G88.0	7.3	8.4	8.4	10.6	5.5	7.0	7.7	7.7	7.3	
G89.0	7.0	9.6	8.4	9.9	2.9	7.7	7.7	6.2	7.0	
G90.0	5.9	8.4	8.8	8.8	3.7	6.2	7.0	8.1	5.9	
G91.0	7.7	8.4	8.4	8.4	4.0	6.6	8.8	7.3	7.7	
G92.0	8.1	9.6	9.2	8.8	4.4	6.2	8.8	7.7	8.1	
G93.0	8.8	10.3	9.2	8.4	4.4	7.3	9.2	8.4	8.8	
G94.0	9.2	10.3	9.9	9.2	4.8	8.1	8.8	7.3	9.2	
G95.0	8.4	11.0	9.6	8.8	4.0	8.8	10.3	9.9	8.4	
G96.0	10.3	11.8	10.3	9.9	6.2	9.6	11.0	10.3	10.3	
G97.0	11.8	12.1	10.3	9.9	7.0	9.9	11.8	11.4	11.8	
G98.0	12.5	13.6	12.1	10.6	7.0	9.6	10.6	10.3	12.5	
G99.0	13.2	13.2	12.1	12.1	7.0	11.0	13.2	11.8	13.2	
G100.0	14.3	13.2	13.9	12.1	8.1	12.9	13.6	12.5	14.3	
G101.0	14.3	14.7	14.3	11.4	9.2	13.6	14.7	12.9	14.3	
G102.0	15.8	16.1	15.4	14.3	10.3	13.9	15.1	14.7	15.8	
G103.0	16.5	16.1	16.9	15.1	9.9	13.9	17.6	15.1	16.5	
G104.0	18.0	17.6	16.9	15.4	12.5	15.4	17.6	17.3	18.0	
G105.0	19.5	18.7	18.7	16.5	12.9	17.6	18.7	18.0	19.5	
G106.0	21.7	20.9	19.1	15.8	13.2	18.7	20.2	19.8	21.7	
G107.0	21.3	22.0	20.2	18.0	15.4	18.4	21.3	20.2	21.3	
G108.0	23.5	23.1	20.9	18.7	15.1	21.3	23.1	21.3	23.5	
G109.0	26.1	23.9	23.5	19.8	16.9	21.7	25.3	23.5	26.1	
G110.0	26.4	26.1	24.2	22.0	18.4	23.9	26.8	25.7	26.4	

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=1.2000]
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	27.5	26.8	26.1	22.0	19.8	25.0	27.2	27.2	27.5	
G112.0	30.5	28.6	26.4	22.8	21.3	27.2	30.8	29.0	30.5	
G113.0	33.4	30.5	28.6	26.1	22.0	27.5	30.8	29.4	33.4	
G114.0	34.5	32.7	31.6	25.0	24.2	29.4	33.4	32.3	34.5	
G115.0	36.0	33.0	32.7	29.0	26.4	31.9	36.3	34.2	36.0	
G116.0	37.8	36.0	34.5	29.4	28.3	33.8	38.2	37.8	37.8	
G117.0	40.8	38.5	36.7	31.9	29.4	36.0	40.4	38.9	40.8	
G118.0	44.1	40.0	38.2	33.4	33.0	37.5	43.0	41.1	44.1	
G119.0	45.5	43.0	37.8	34.9	33.0	40.8	45.2	42.6	45.5	
G120.0	48.5	45.5	43.0	37.8	35.6	41.1	48.1	45.5	48.5	
G121.0	50.7	47.0	44.8	40.4	38.5	43.3	49.6	47.4	50.7	
G122.0	53.2	48.5	46.3	40.4	40.8	45.9	53.2	50.7	53.2	
G123.0	56.9	51.8	49.2	43.3	42.6	48.8	54.3	52.1	56.9	
G124.0	58.7	53.2	50.7	44.4	44.8	51.0	58.4	54.7	58.7	
G125.0	62.8	56.2	54.0	48.1	47.4	52.9	59.8	57.3	62.8	
G126.0	65.0	58.0	57.6	49.9	51.0	55.1	63.2	60.6	65.0	
G127.0	68.3	61.3	59.8	52.1	52.9	58.0	65.3	62.4	68.3	
G128.0	71.2	62.8	62.8	54.7	54.0	60.2	69.4	64.6	71.2	
G129.0	74.2	66.1	64.6	56.9	56.2	63.9	71.2	68.7	74.2	
G130.0	77.5	69.4	68.3	59.1	59.5	65.3	74.9	70.9	77.5	
G131.0	81.5	70.9	70.5	62.0	62.4	69.4	76.4	74.2	81.5	
G132.0	84.8	73.4	72.7	63.9	65.0	71.2	80.4	77.1	84.8	
G133.0	87.8	76.7	76.4	65.7	68.7	73.4	83.3	79.7	87.8	
G134.0	90.7	79.3	78.6	69.0	72.3	76.7	85.9	82.2	90.7	
G135.0	95.8	81.1	82.2	70.9	74.5	80.8	89.6	86.7	95.8	
G136.0	100.2	85.2	85.2	73.4	77.8	83.3	92.5	88.8	100.2	
G137.0	103.2	86.3	87.8	76.0	81.1	86.7	95.8	92.2	103.2	
G138.0	106.1	90.7	90.7	78.9	84.4	90.7	97.7	96.9	106.1	
G139.0	110.2	91.8	94.0	82.2	86.3	92.5	101.7	98.8	110.2	
G140.0	113.1	95.8	96.9	84.1	89.9	95.5	102.8	103.5	113.1	
G141.0	117.9	98.0	100.2	87.0	92.9	99.1	107.2	106.8	117.9	
G142.0	120.4	102.4	102.8	91.1	95.8	102.1	110.5	110.9	120.4	
G143.0	123.4	104.3	105.7	93.6	98.8	105.7	113.4	114.2	123.4	
G144.0	127.0	107.9	109.4	97.3	101.7	109.4	117.1	117.1	127.0	
G145.0	129.6	109.8	113.1	99.9	103.2	112.3	118.6	121.2	129.6	
G146.0	131.8	114.6	115.3	104.3	106.8	116.0	122.3	123.4	131.8	
G147.0	135.1	117.1	118.6	106.5	109.0	118.2	124.1	126.7	135.1	

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=1.2000]
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	137.7	120.1	121.9	109.8	111.3	120.8	127.4	130.3	137.7	
G149.0	139.9	123.7	125.6	113.8	114.6	124.8	130.7	132.2	139.9	
G150.0	143.6	126.7	128.9	116.4	116.0	128.1	132.9	135.1	143.6	
G151.0	145.8	130.0	130.7	119.0	119.7	129.6	135.9	138.8	145.8	
G152.0	146.9	132.5	132.5	122.3	123.0	132.9	137.3	140.3	146.9	
G153.0	150.9	135.9	135.5	125.9	126.7	135.5	140.3	143.2	150.9	
G154.0	151.6	138.4	137.3	129.2	128.9	138.8	143.2	146.9	151.6	
G155.0	153.5	141.4	140.3	131.1	132.2	140.3	146.5	149.4	153.5	
G156.0	156.4	143.9	142.8	134.8	135.1	143.6	148.7	152.4	156.4	
G157.0	157.9	146.1	145.8	138.4	136.6	146.1	150.9	153.8	157.9	
G158.0	160.1	148.0	147.6	139.5	138.1	146.9	153.1	155.7	160.1	
G159.0	161.9	150.9	150.5	142.8	139.9	149.8	154.6	156.8	161.9	
G160.0	164.5	153.5	152.0	145.4	139.9	152.0	155.7	159.7	164.5	
G161.0	165.6	155.3	155.3	147.2	139.5	153.1	153.8	161.2	165.6	
G162.0	168.9	157.5	157.9	149.8	135.9	154.6	152.7	164.5	168.9	
G163.0	170.7	159.3	158.2	151.6	132.9	157.9	151.6	165.2	170.7	
G164.0	172.9	161.2	160.1	153.5	130.0	158.2	152.0	168.2	172.9	
G165.0	174.8	164.9	164.1	157.1	127.0	156.8	148.3	167.1	174.8	
G166.0	176.2	164.9	164.5	159.3	127.8	156.8	148.3	167.1	176.2	
G167.0	176.6	167.4	167.1	160.4	127.0	159.7	150.5	167.1	176.6	
G168.0	179.5	168.5	168.2	162.6	128.9	162.3	153.8	166.3	179.5	
G169.0	180.6	170.7	170.7	164.9	128.9	161.9	154.6	167.1	180.6	
G170.0	181.7	172.9	172.2	167.1	132.9	164.9	157.1	168.9	181.7	
G171.0	182.8	175.5	173.7	169.3	134.0	161.9	154.2	167.1	182.8	
G172.0	183.6	175.1	174.4	170.7	136.2	157.1	152.7	162.3	183.6	
G173.0	184.7	175.9	175.9	172.6	138.1	156.4	152.0	159.7	184.7	
G174.0	186.1	177.7	177.0	174.0	141.7	157.1	153.1	160.4	186.1	
G175.0	186.5	179.5	176.2	175.1	147.6	159.3	157.1	160.4	186.5	
G176.0	188.0	182.8	178.1	177.0	153.5	160.4	158.6	161.6	188.0	
G177.0	187.6	182.1	177.7	178.8	158.2	159.7	161.6	162.3	187.6	
G178.0	188.0	182.1	177.7	179.2	164.1	162.3	163.4	162.3	188.0	
G179.0	189.8	181.0	178.1	178.4	171.5	167.8	168.5	167.1	189.8	
G180.0	182.8	177.3	173.7	174.0	181.0	177.0	175.5	175.5	182.8	

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=1.2000]
Humidity:
Inspector: