

Report No.: MSL-10

Test Time: 2019-02-21 13:41

## Luminaire Property

Luminaire Manufacturer: Stand Iluminaciones S.A.S

Luminaire Category: Interior

Luminaire Description: Bala Stil Led Cuadrada 18w Samsung

Number of Lamps: 1

Luminous Length (mm): 150

Luminous Width (mm): 150

Luminous Height (mm): 0

Voltage: 120.1 V

Current: 0.156 A

Power: 18.57 W

Power Factor: 0.990

## Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 1519.4 lm

Measurement Flux: 1519.4 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 164.9, 163.9, 164.3, 164.3

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 112.2, 110.7, 111.4, 111.4

Luminaire Efficacy Rating (LER): 81.87

Central Intensity: 531.04 cd

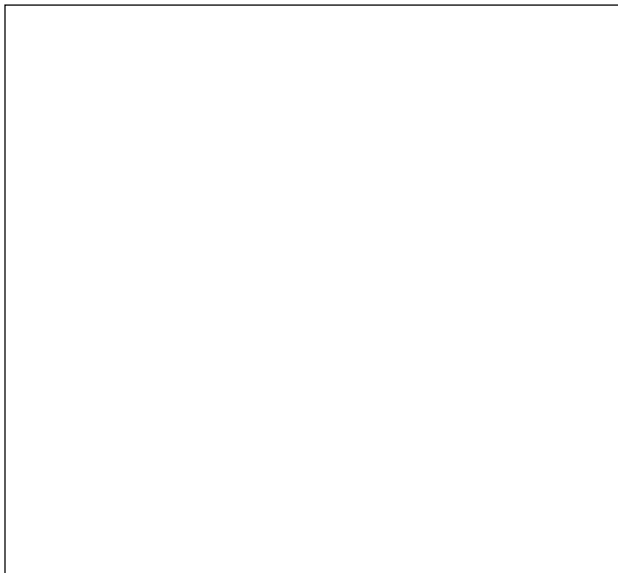
Max. Intensity: 531.47 cd

Pos of Max. Intensity: H250 V1

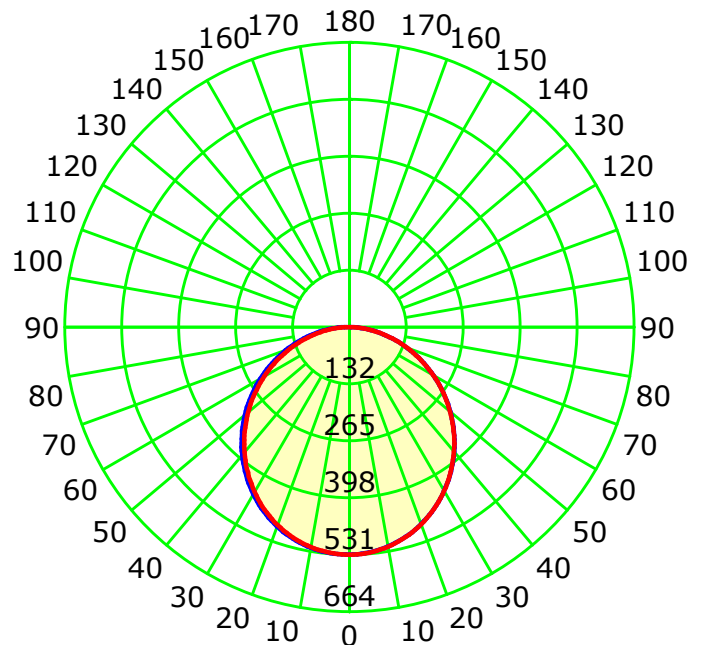
S/MH(C0/C180): 1.25

S/MH(C90/C270): 1.24

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

C Plane (°):0.0-360.0: 10.0

Gamma Plane (°):0.0-90.0:1.0

Test Lab: LABORATORIO STAND

Test Device: LSG-1700B

Test Type: TYPE C

Distance: 11.772 m — C90-C270

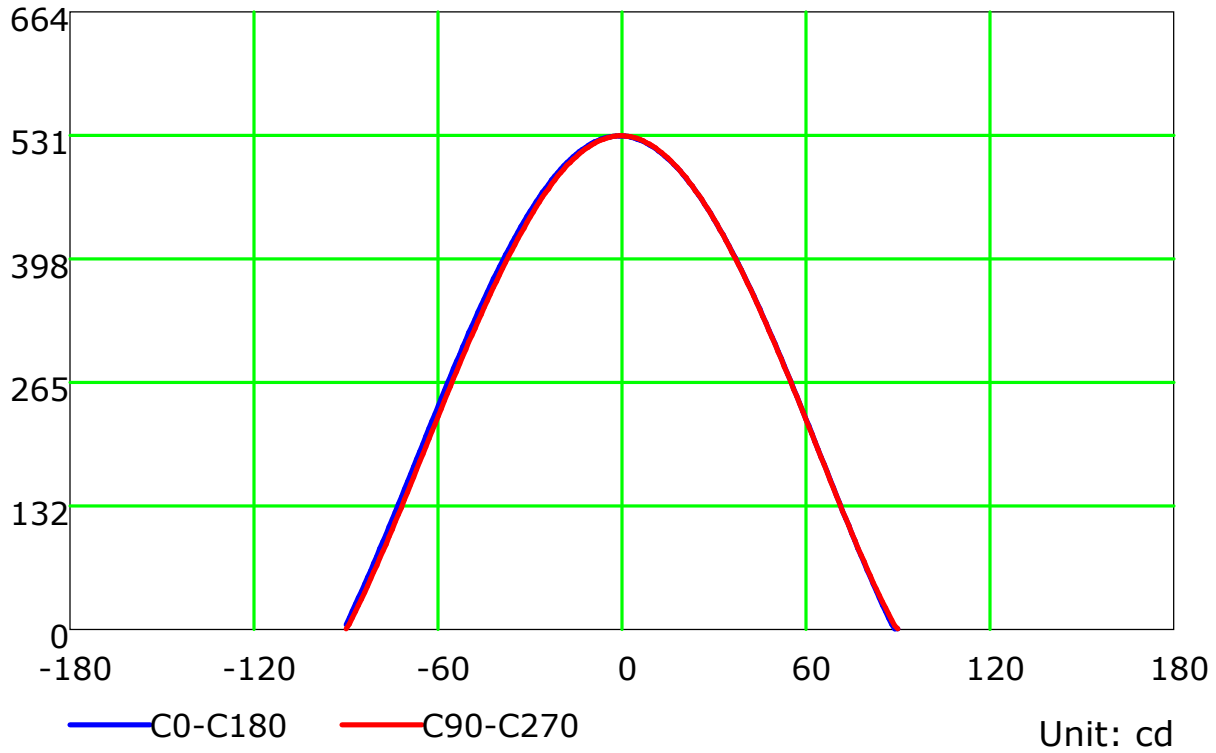
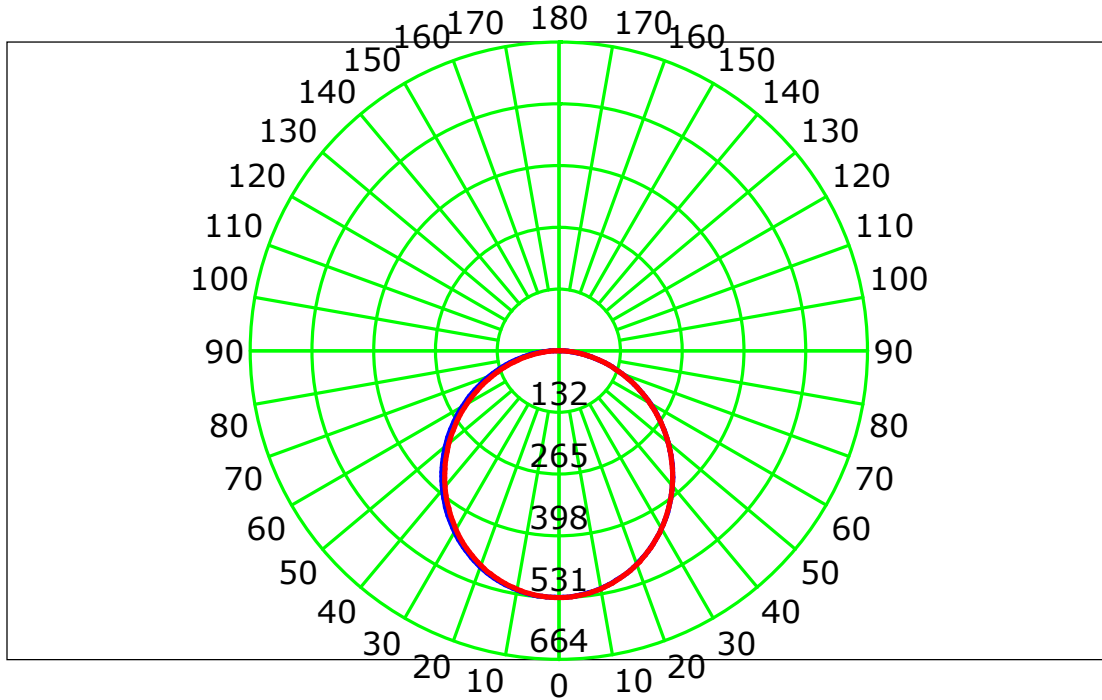
Temperature: 26

Humidity:

Operator: Cristian Herrera Arismendy

Inspector:

## Luminous Intensity Distribution Curve



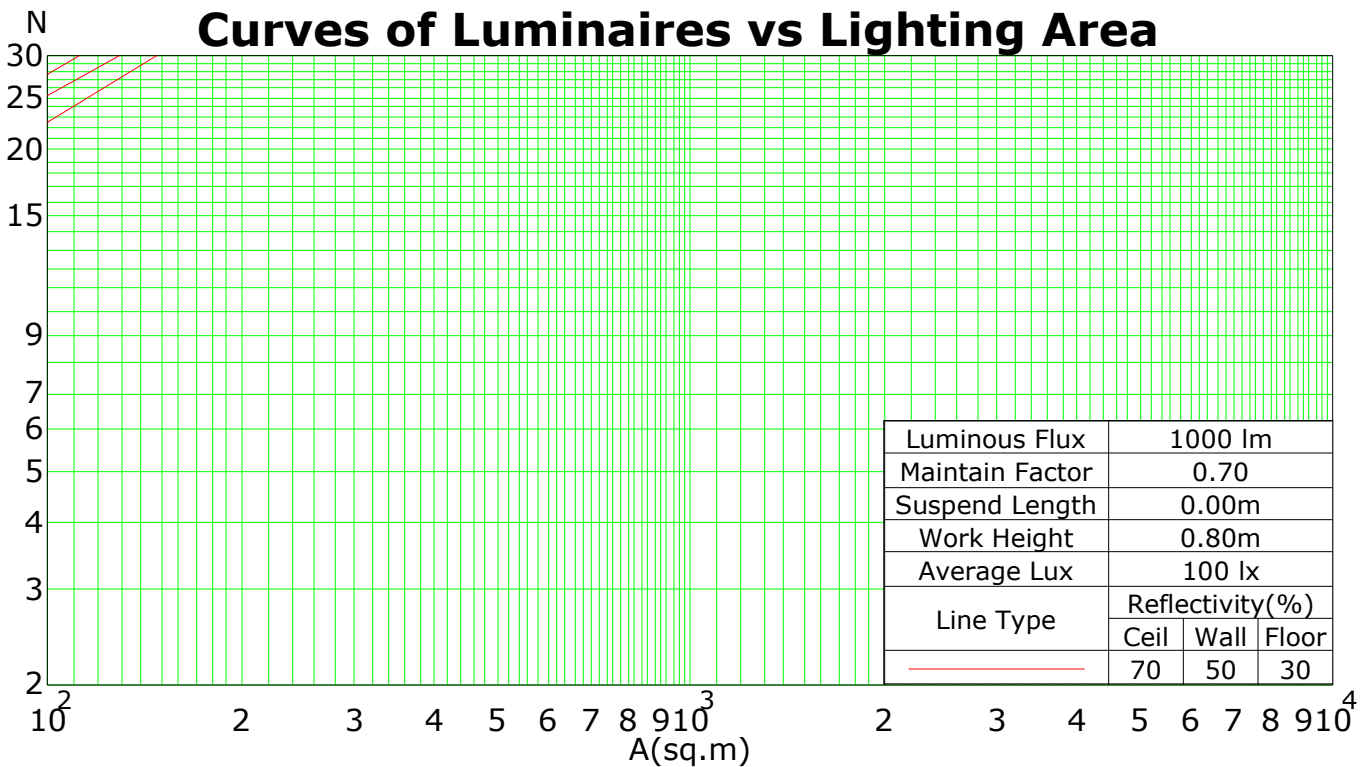
C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 Humidity:  
 Inspector:

## Coefficients Of Utilization - Zonal Cavity Method

RC	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.5	0.5	0.5	0.3	0.3	0.3	0.1	0.1	0.1	0
RW	0.7	0.5	0.3	0.1	0.7	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0.5	0.3	0.1	0
RCR	RF = 0.2																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	103	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	84	79	74	81	77	73	78	74	71	69
3	90	79	71	64	87	77	70	63	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	45	43
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37
7	65	51	42	36	63	50	42	36	48	41	35	47	40	35	46	40	35	33
8	60	46	38	32	58	46	38	32	44	37	32	43	36	31	42	36	31	29
9	56	43	34	29	55	42	34	29	41	34	28	40	33	28	39	33	28	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

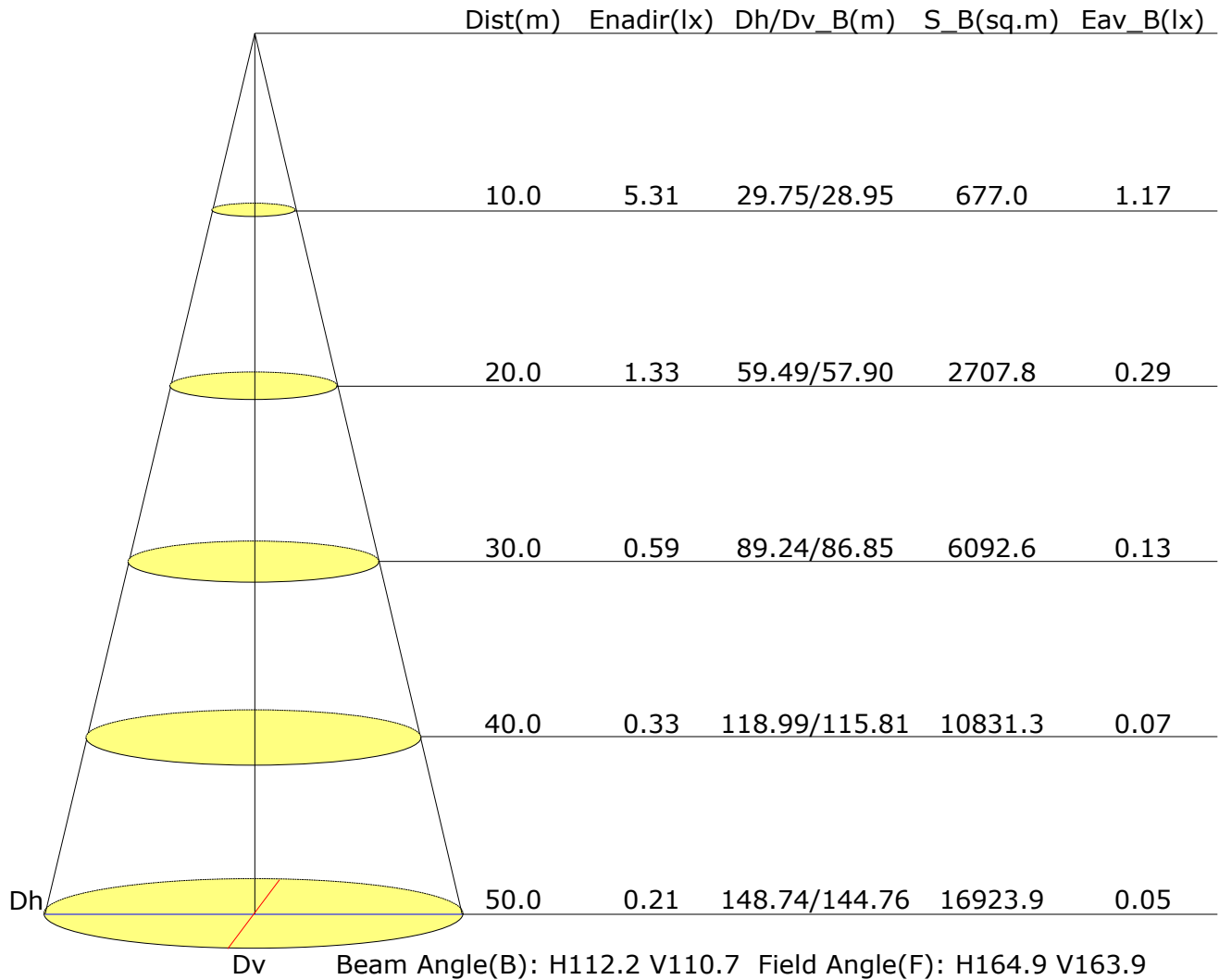
Spacing Criteria (0-180): 1.25  
 Spacing Criteria (90-270): 1.24  
 Spacing Criteria (Diagonal): 1.36



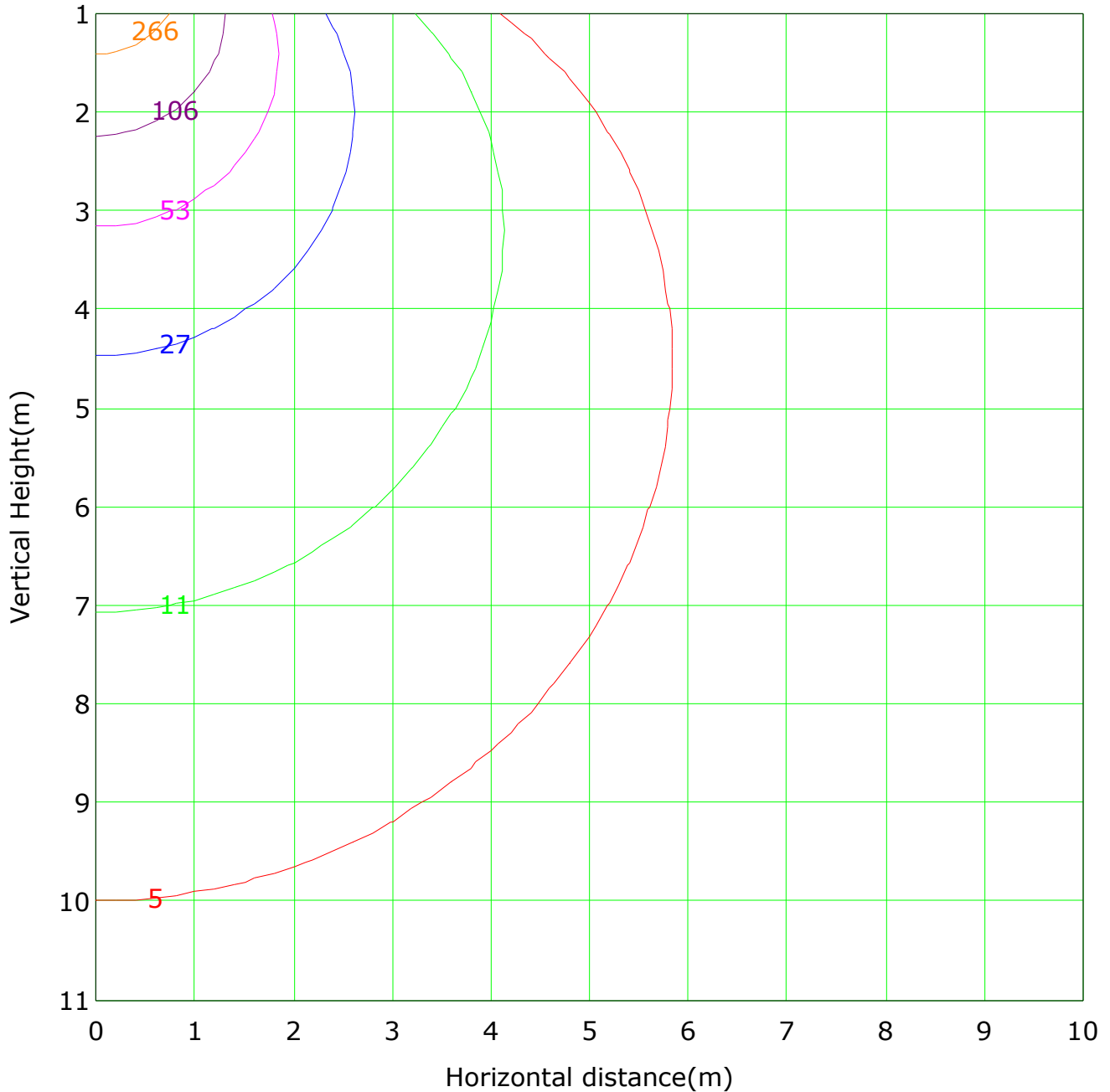
C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 Humidity:  
 Inspector:

## Illuminance at a Distance



## Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 531.0 lx

— ( 1%): 5.3 lx

— ( 2%): 10.6 lx

— ( 5%): 26.6 lx

— ( 10%): 53.1 lx

— ( 20%): 106.2 lx

— ( 50%): 265.5 lx

— (100%): 531.0 lx

C Plane (°): 0.0-360.0: 10.0

Gamma Plane (°): 0.0-90.0: 1.0

Test Lab: LABORATORIO STAND

Test Device: LSG-1700B

Test Type: TYPE C

Distance: 11.772 m

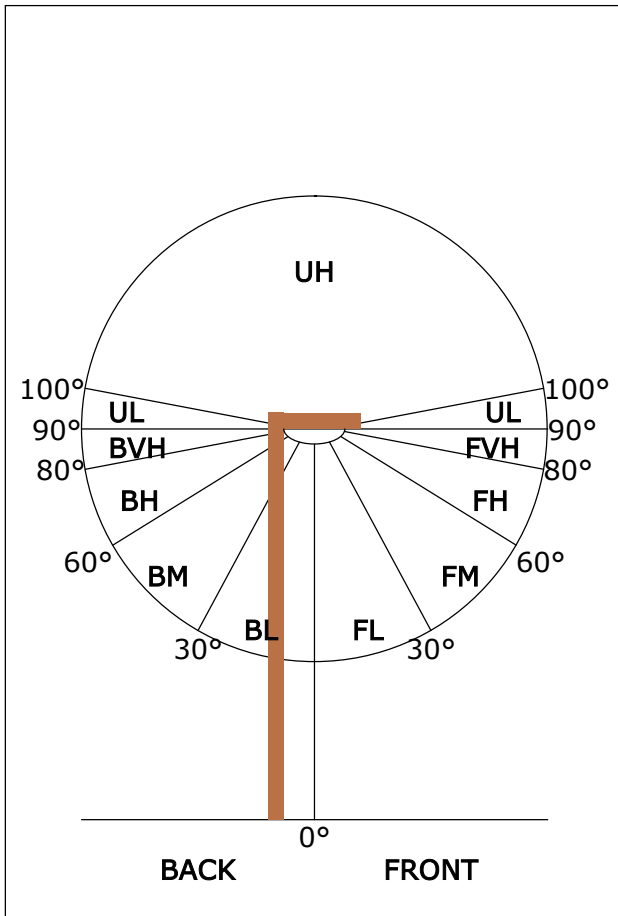
Temperature: 26

Humidity:

Operator: Cristian Herrera Arismendy

Inspector:

**FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM**



ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	756	49.7
FL ( 0°-30°)	205	13.5
FM (30°-60°)	384	25.3
FH (60°-80°)	150	9.8
FVH (80°-90°)	17	1.1
BACK LIGHT	764	50.3
BL ( 0°-30°)	205	13.5
BM (30°-60°)	386	25.4
BH (60°-80°)	153	10.1
BVH (80°-90°)	19	1.2
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U1 G1
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U1 G1

C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 Humidity:  
 Inspector:

## Zonal Lumen

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	531.0	0.5	0.5	0.03	0.03
1.0-2.0	530.8	1.5	2.0	0.10	0.13
2.0-3.0	530.4	2.5	4.6	0.17	0.30
3.0-4.0	529.8	3.5	8.1	0.23	0.53
4.0-5.0	529.0	4.6	12.7	0.30	0.83
5.0-6.0	528.0	5.5	18.2	0.37	1.20
6.0-7.0	526.8	6.5	24.8	0.43	1.63
7.0-8.0	525.4	7.5	32.3	0.49	2.12
8.0-9.0	523.8	8.5	40.8	0.56	2.68
9.0-10.0	522.0	9.4	50.2	0.62	3.30
10.0-11.0	519.9	10.4	60.6	0.68	3.99
11.0-12.0	517.7	11.3	71.9	0.74	4.73
12.0-13.0	515.4	12.2	84.2	0.81	5.54
13.0-14.0	512.8	13.1	97.3	0.86	6.40
14.0-15.0	510.0	14.0	111.3	0.92	7.32
15.0-16.0	507.0	14.9	126.1	0.98	8.30
16.0-17.0	503.9	15.7	141.8	1.03	9.34
17.0-18.0	500.6	16.5	158.3	1.09	10.42
18.0-19.0	497.0	17.3	175.6	1.14	11.56
19.0-20.0	493.3	18.1	193.7	1.19	12.75
20.0-21.0	489.5	18.8	212.5	1.24	13.99
21.0-22.0	485.5	19.5	232.0	1.28	15.27
22.0-23.0	481.2	20.2	252.2	1.33	16.60
23.0-24.0	476.8	20.9	273.1	1.37	17.97
24.0-25.0	472.2	21.5	294.5	1.41	19.38
25.0-26.0	467.6	22.1	316.6	1.45	20.84
26.0-27.0	462.7	22.6	339.2	1.49	22.33
27.0-28.0	457.6	23.2	362.4	1.53	23.85
28.0-29.0	452.5	23.7	386.1	1.56	25.41
29.0-30.0	447.1	24.1	410.2	1.59	27.00
30.0-31.0	441.6	24.6	434.8	1.62	28.62
31.0-32.0	435.9	25.0	459.8	1.64	30.26
32.0-33.0	430.1	25.3	485.1	1.67	31.93
33.0-34.0	424.4	25.7	510.8	1.69	33.62
34.0-35.0	418.3	26.0	536.8	1.71	35.33
35.0-36.0	412.1	26.2	563.1	1.73	37.06

C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 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	405.9	26.5	589.5	1.74	38.80
37.0-38.0	399.4	26.7	616.2	1.75	40.56
38.0-39.0	393.0	26.8	643.0	1.77	42.32
39.0-40.0	386.2	26.9	670.0	1.77	44.09
40.0-41.0	379.4	27.0	697.0	1.78	45.87
41.0-42.0	372.8	27.1	724.1	1.78	47.66
42.0-43.0	365.7	27.1	751.2	1.78	49.44
43.0-44.0	358.6	27.1	778.2	1.78	51.22
44.0-45.0	351.5	27.0	805.2	1.78	53.00
45.0-46.0	344.2	26.9	832.2	1.77	54.77
46.0-47.0	336.9	26.8	859.0	1.76	56.53
47.0-48.0	329.4	26.6	885.6	1.75	58.29
48.0-49.0	321.8	26.4	912.0	1.74	60.03
49.0-50.0	314.4	26.2	938.2	1.73	61.75
50.0-51.0	306.7	25.9	964.2	1.71	63.46
51.0-52.0	298.9	25.6	989.8	1.69	65.15
52.0-53.0	291.2	25.3	1015.2	1.67	66.82
53.0-54.0	283.2	25.0	1040.1	1.64	68.46
54.0-55.0	275.4	24.6	1064.7	1.62	70.08
55.0-56.0	267.3	24.2	1088.9	1.59	71.67
56.0-57.0	259.2	23.7	1112.6	1.56	73.23
57.0-58.0	251.4	23.3	1135.8	1.53	74.76
58.0-59.0	243.2	22.7	1158.6	1.50	76.25
59.0-60.0	235.0	22.2	1180.8	1.46	77.72
60.0-61.0	226.8	21.6	1202.4	1.42	79.14
61.0-62.0	218.6	21.1	1223.5	1.39	80.53
62.0-63.0	210.5	20.5	1244.0	1.35	81.87
63.0-64.0	202.2	19.8	1263.8	1.31	83.18
64.0-65.0	193.9	19.2	1283.0	1.26	84.44
65.0-66.0	185.8	18.5	1301.5	1.22	85.66
66.0-67.0	177.5	17.8	1319.4	1.17	86.84
67.0-68.0	169.2	17.1	1336.5	1.13	87.97
68.0-69.0	161.0	16.4	1353.0	1.08	89.05
69.0-70.0	152.7	15.7	1368.6	1.03	90.08
70.0-71.0	144.7	15.0	1383.6	0.98	91.07
71.0-72.0	136.5	14.2	1397.8	0.93	92.00

C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 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	128.3	13.4	1411.2	0.88	92.88
73.0-74.0	120.4	12.7	1423.9	0.83	93.72
74.0-75.0	112.4	11.9	1435.8	0.78	94.50
75.0-76.0	104.4	11.1	1446.8	0.73	95.23
76.0-77.0	96.4	10.3	1457.1	0.68	95.90
77.0-78.0	88.5	9.5	1466.6	0.62	96.53
78.0-79.0	81.0	8.7	1475.3	0.57	97.10
79.0-80.0	73.2	7.9	1483.2	0.52	97.62
80.0-81.0	65.5	7.1	1490.3	0.47	98.09
81.0-82.0	58.1	6.3	1496.6	0.41	98.50
82.0-83.0	50.6	5.5	1502.1	0.36	98.86
83.0-84.0	43.4	4.7	1506.8	0.31	99.17
84.0-85.0	36.1	3.9	1510.8	0.26	99.43
85.0-86.0	28.9	3.2	1513.9	0.21	99.64
86.0-87.0	22.2	2.4	1516.4	0.16	99.80
87.0-88.0	15.4	1.7	1518.0	0.11	99.91
88.0-89.0	8.6	0.9	1519.0	0.06	99.98
89.0-90.0	3.4	0.4	1519.4	0.02	100.00

C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
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Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 Humidity:  
 Inspector:

## Candlepower Table

Unit: cd

G\C	C0.0	C10.0	C20.0	C30.0	C40.0	C50.0	C60.0	C70.0	C80.0	C90.0
G0.0	531.0	531.1	531.0	531.0	530.9	531.2	531.2	531.1	531.2	531.3
G1.0	530.8	530.3	530.9	530.8	530.5	530.6	531.0	531.1	530.8	531.0
G2.0	530.5	530.2	530.5	530.5	530.3	530.3	530.7	530.5	530.7	530.5
G3.0	529.7	529.4	529.9	529.7	529.8	529.5	530.0	530.1	529.7	530.2
G4.0	528.9	528.6	528.9	529.0	528.7	529.1	529.2	528.9	529.2	529.3
G5.0	527.5	527.5	527.8	527.8	528.0	527.9	528.3	528.1	528.1	528.4
G6.0	526.5	526.3	526.3	526.6	526.7	526.6	527.0	526.7	526.9	527.1
G7.0	524.9	524.9	525.2	524.8	525.2	525.3	525.6	525.5	525.8	525.8
G8.0	523.5	523.2	523.4	523.3	523.7	523.4	523.7	524.0	524.3	523.8
G9.0	521.5	521.6	521.7	521.3	521.7	521.6	521.8	522.0	522.3	522.3
G10.0	519.5	519.3	519.5	519.6	519.9	519.5	519.8	519.8	520.0	520.2
G11.0	517.5	517.0	517.5	517.2	517.3	517.3	517.4	517.7	518.0	518.2
G12.0	514.9	514.7	514.8	514.8	514.8	514.8	515.2	515.2	515.8	515.5
G13.0	512.3	512.4	512.3	512.1	512.7	512.6	512.7	512.5	513.1	513.2
G14.0	509.4	509.6	509.7	509.5	509.4	509.8	509.7	509.8	510.4	510.0
G15.0	506.4	506.6	506.6	506.3	507.1	506.7	507.0	506.7	507.2	507.4
G16.0	503.8	502.9	503.8	503.1	503.7	503.6	503.7	503.5	504.3	504.0
G17.0	500.5	500.0	500.0	499.8	500.3	500.1	500.4	500.2	500.5	500.8
G18.0	496.9	496.3	496.9	496.3	496.7	496.4	496.7	497.0	497.4	497.5
G19.0	493.3	492.7	493.3	492.4	493.0	492.8	493.0	492.9	493.2	493.5
G20.0	489.3	489.1	489.4	489.2	489.2	488.9	489.0	489.3	489.6	489.6
G21.0	485.1	485.2	485.0	484.9	485.3	485.1	485.6	485.4	485.6	486.1
G22.0	481.0	480.7	481.0	480.7	480.7	480.5	480.7	480.9	481.2	481.2
G23.0	476.8	476.5	476.9	476.4	476.6	476.3	476.9	476.6	476.7	477.3
G24.0	472.5	471.7	472.6	471.8	472.0	471.5	472.2	471.7	472.8	472.0
G25.0	467.5	467.1	467.6	466.9	467.2	466.8	467.4	467.2	467.4	467.9
G26.0	462.7	462.3	462.8	462.5	462.4	462.5	462.5	462.3	463.0	463.1
G27.0	457.5	457.1	457.5	457.0	457.1	456.7	457.2	457.1	457.8	457.7
G28.0	452.5	452.1	452.4	452.0	452.5	452.1	452.0	451.9	452.6	452.6
G29.0	447.8	447.2	447.3	446.6	447.3	446.8	447.2	446.7	447.5	447.5
G30.0	441.5	441.5	441.6	441.2	441.6	441.2	441.3	440.9	441.7	441.6
G31.0	436.1	435.8	436.3	435.5	436.0	435.3	435.9	435.7	436.1	436.3
G32.0	430.1	430.0	430.1	429.6	430.0	429.6	429.6	429.7	429.9	430.0
G33.0	424.9	424.3	424.9	423.7	424.2	423.6	424.0	424.0	424.3	424.5
G34.0	418.8	418.6	419.0	418.2	418.3	417.8	418.4	417.8	418.5	418.4
G35.0	412.6	412.0	412.5	411.3	411.8	411.4	411.5	411.6	411.8	412.2
G36.0	406.2	406.0	406.3	405.7	405.8	405.2	405.8	405.1	405.8	405.7

C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 1)

Unit: cd

G\C	C0.0	C10.0	C20.0	C30.0	C40.0	C50.0	C60.0	C70.0	C80.0	C90.0
G37.0	400.3	399.1	400.3	398.6	399.6	398.4	399.4	398.6	399.4	399.3
G38.0	393.2	392.9	393.3	392.5	392.5	392.1	392.6	392.3	392.7	392.7
G39.0	387.0	386.4	387.0	386.1	386.3	385.6	386.1	385.8	386.1	386.6
G40.0	379.9	379.5	379.9	379.0	379.0	378.7	379.1	378.4	379.2	379.5
G41.0	373.3	372.6	373.2	372.3	372.5	371.8	372.4	372.0	372.3	372.7
G42.0	366.5	365.8	366.4	365.5	365.5	364.9	365.6	365.1	366.0	366.0
G43.0	359.0	358.5	359.1	358.0	358.2	357.6	358.1	357.7	358.0	358.5
G44.0	352.1	351.5	351.9	351.1	351.6	351.0	351.1	350.7	351.4	351.6
G45.0	344.9	343.9	344.8	343.5	344.5	342.9	344.0	343.1	344.4	343.9
G46.0	337.3	336.7	337.1	336.4	336.9	336.2	336.2	335.8	336.7	336.8
G47.0	330.1	329.6	329.9	329.1	329.5	328.7	329.0	328.4	329.5	329.6
G48.0	322.2	321.9	322.1	321.1	321.1	320.3	321.2	320.6	321.6	321.7
G49.0	314.8	314.2	314.7	313.7	313.8	313.2	313.8	313.0	314.0	314.2
G50.0	307.3	307.1	307.3	306.1	306.5	306.0	306.5	305.8	306.9	306.7
G51.0	299.1	298.6	299.1	298.0	298.5	297.6	298.2	297.5	298.3	298.6
G52.0	291.8	290.8	291.5	290.5	290.6	290.4	290.6	290.0	291.1	291.0
G53.0	283.8	282.8	283.8	282.0	283.4	281.8	282.8	281.8	283.5	282.8
G54.0	275.7	274.9	275.7	274.5	275.0	273.7	274.5	274.3	275.1	275.2
G55.0	267.8	267.5	267.7	266.9	267.3	266.5	266.7	266.3	267.4	267.4
G56.0	259.3	258.8	259.3	258.4	258.5	257.7	258.4	258.0	259.0	258.8
G57.0	251.5	251.2	251.5	250.5	250.4	250.1	250.5	249.9	251.0	251.0
G58.0	243.6	242.9	243.6	242.4	243.0	241.9	242.6	242.3	243.1	243.3
G59.0	235.0	234.7	234.9	234.1	234.1	233.7	234.2	233.5	234.6	234.5
G60.0	227.1	226.5	227.0	225.9	226.4	225.5	226.1	225.4	226.4	226.6
G61.0	219.3	217.7	219.0	217.3	218.2	217.2	218.2	217.0	218.7	218.1
G62.0	210.4	209.9	210.4	209.4	209.8	209.0	209.4	208.9	209.8	210.0
G63.0	202.3	201.7	202.3	201.3	201.5	200.7	201.5	200.8	202.1	201.9
G64.0	193.7	193.2	193.7	192.7	192.8	192.3	192.8	192.4	193.1	193.4
G65.0	185.7	185.1	185.6	184.6	184.9	184.1	184.6	184.2	185.5	185.3
G66.0	177.8	176.9	177.5	176.7	176.8	176.4	176.9	176.2	177.3	177.3
G67.0	169.1	168.3	169.0	167.9	168.1	167.4	168.1	167.5	168.4	168.5
G68.0	160.9	160.3	160.8	159.8	159.9	159.4	159.9	159.7	160.3	160.3
G69.0	152.7	151.4	152.6	151.3	152.2	150.7	152.3	151.0	152.6	152.0
G70.0	144.3	143.7	144.2	143.4	143.4	143.0	143.3	143.0	143.8	144.0
G71.0	136.1	135.8	136.0	135.3	135.7	135.0	135.3	134.9	136.0	135.9
G72.0	127.7	126.9	127.7	126.9	126.9	126.3	126.9	126.7	127.3	127.4
G73.0	119.7	119.4	119.6	119.0	119.3	118.8	119.0	118.7	119.8	119.8

C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 2)

Unit: cd

G\C	C0.0	C10.0	C20.0	C30.0	C40.0	C50.0	C60.0	C70.0	C80.0	C90.0
G74.0	112.2	111.4	111.7	110.9	111.4	110.8	111.5	110.8	111.9	111.8
G75.0	103.5	103.1	103.5	102.7	103.2	102.1	103.0	102.6	103.5	103.7
G76.0	95.7	95.2	95.6	94.8	95.4	94.8	95.3	95.2	95.8	95.9
G77.0	87.1	86.9	87.2	86.3	86.9	86.6	87.2	86.8	87.7	87.8
G78.0	79.6	79.2	79.6	78.9	79.6	79.0	79.5	79.2	80.1	80.3
G79.0	71.9	71.6	72.0	71.3	72.3	71.5	72.3	72.1	72.9	73.2
G80.0	63.8	63.6	63.9	63.4	64.0	63.6	64.1	64.0	65.2	65.1
G81.0	56.7	56.4	56.7	56.2	56.5	56.5	57.1	57.0	57.8	58.2
G82.0	49.2	48.4	49.3	48.4	49.5	48.7	49.8	49.3	50.9	50.5
G83.0	41.5	41.1	41.3	41.2	41.6	41.7	42.4	42.3	43.3	43.6
G84.0	34.2	33.9	34.4	34.3	34.8	34.8	35.4	35.6	36.4	36.9
G85.0	26.4	26.3	26.7	26.7	27.3	27.5	28.0	28.3	29.3	29.6
G86.0	19.5	19.6	19.8	20.0	20.5	20.9	21.3	21.8	22.6	23.2
G87.0	12.7	13.1	13.1	13.6	13.9	14.6	15.0	15.7	16.1	16.9
G88.0	5.8	6.3	6.3	6.9	6.9	7.6	7.8	8.7	9.0	10.1
G89.0	0.8	0.8	0.8	1.0	1.1	1.7	1.5	2.3	2.9	4.2
G90.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7

C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 3)

Unit: cd

G\C	C100.0	C110.0	C120.0	C130.0	C140.0	C150.0	C160.0	C170.0	C180.0	C190.0
G0.0	531.1	531.2	531.0	531.1	531.4	531.1	531.2	530.8	531.0	531.1
G1.0	531.1	531.1	530.9	531.0	531.0	530.8	531.0	531.1	530.8	530.8
G2.0	530.4	530.5	530.4	530.7	531.1	531.0	531.0	530.8	530.8	531.1
G3.0	530.2	530.3	529.8	530.2	530.1	530.2	530.2	530.4	530.6	530.6
G4.0	529.2	529.2	529.6	529.0	530.0	529.9	530.0	529.6	529.9	530.2
G5.0	528.4	528.7	528.3	528.7	529.0	529.0	528.8	528.8	529.5	529.2
G6.0	527.0	527.1	527.6	527.6	528.0	528.0	527.9	528.0	528.4	528.3
G7.0	525.7	526.1	526.3	526.3	526.5	526.7	526.5	526.6	527.4	527.2
G8.0	524.0	524.2	524.9	524.3	525.3	525.4	525.6	525.3	525.8	526.1
G9.0	522.4	522.8	523.1	523.6	523.2	523.6	524.0	523.6	524.7	524.3
G10.0	520.7	520.7	521.6	520.9	521.9	522.0	522.1	522.2	522.9	522.9
G11.0	518.3	518.7	518.9	519.0	519.5	519.6	520.3	520.1	520.9	520.8
G12.0	515.8	516.0	516.6	517.0	517.5	517.7	518.0	518.0	518.6	518.9
G13.0	513.7	513.8	514.6	514.5	515.0	515.3	515.5	515.4	516.6	516.9
G14.0	510.4	510.6	511.9	511.5	512.5	512.5	513.0	512.9	514.1	514.2
G15.0	508.0	508.3	508.7	509.3	509.6	510.0	510.4	510.1	511.4	511.7
G16.0	504.7	504.7	505.9	505.5	506.6	506.8	507.7	507.3	508.6	508.6
G17.0	501.5	501.6	502.3	502.7	503.4	503.8	504.3	504.2	505.6	505.6
G18.0	497.8	498.1	498.8	499.5	500.6	500.4	501.2	501.1	502.5	502.4
G19.0	494.2	494.3	494.9	495.8	496.4	496.7	497.5	497.2	498.9	499.0
G20.0	490.2	490.5	491.5	491.7	492.9	493.0	494.0	494.0	495.5	495.3
G21.0	486.6	487.1	487.5	488.5	489.4	489.5	490.2	490.0	491.4	491.9
G22.0	482.0	482.2	483.3	483.8	484.9	485.1	486.2	486.1	487.8	487.6
G23.0	478.0	478.3	479.4	479.8	481.0	481.3	482.0	481.8	483.7	483.3
G24.0	473.3	473.6	474.5	474.9	476.9	477.0	477.8	477.6	478.8	479.0
G25.0	468.6	469.2	469.8	470.9	472.0	472.2	473.0	473.1	474.6	474.5
G26.0	463.7	464.3	465.8	465.8	467.4	468.0	468.9	469.0	470.2	470.1
G27.0	458.5	459.1	460.5	460.9	462.1	462.6	463.4	463.4	465.4	465.2
G28.0	453.3	454.0	455.4	455.7	457.4	458.1	459.0	459.1	460.5	460.5
G29.0	448.6	448.9	450.2	451.0	452.3	452.8	454.1	454.0	455.1	455.6
G30.0	442.4	442.9	444.8	445.2	447.0	447.5	448.5	448.6	450.0	450.0
G31.0	437.4	437.8	439.0	440.1	441.4	442.0	443.5	443.1	444.7	445.0
G32.0	430.9	431.4	433.2	434.1	435.6	436.3	437.3	437.4	439.0	439.1
G33.0	425.6	426.0	427.6	428.3	429.9	430.5	431.9	431.8	433.5	433.7
G34.0	419.8	420.0	421.9	422.6	424.7	424.9	426.4	426.4	427.8	427.8
G35.0	413.1	413.8	415.1	416.1	417.7	418.5	420.1	419.9	421.6	421.7
G36.0	407.1	407.5	409.5	410.0	412.3	412.6	414.0	414.4	415.9	416.3

C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 4)

Unit: cd

G\C	C100.0	C110.0	C120.0	C130.0	C140.0	C150.0	C160.0	C170.0	C180.0	C190.0
G37.0	400.9	401.1	402.9	403.7	405.8	406.1	407.8	407.4	409.2	410.0
G38.0	394.1	394.4	396.4	397.1	399.4	400.4	401.4	401.6	403.1	403.0
G39.0	387.7	388.4	389.9	391.0	392.8	393.6	394.9	394.9	396.8	397.2
G40.0	380.7	381.4	382.7	384.0	386.1	386.9	388.1	388.2	390.0	389.9
G41.0	374.0	374.7	376.2	377.5	379.5	380.4	381.6	381.9	383.5	383.8
G42.0	367.1	367.9	369.3	370.8	372.9	373.9	374.8	375.3	377.3	377.0
G43.0	359.8	360.5	362.1	363.4	365.5	366.1	367.6	368.1	369.6	369.9
G44.0	352.6	353.5	355.4	356.8	358.6	359.6	361.0	361.2	362.8	363.3
G45.0	346.0	345.9	348.3	348.7	351.5	352.1	354.3	353.3	355.4	356.3
G46.0	337.9	338.5	341.0	341.6	343.9	344.9	346.4	346.6	348.9	348.8
G47.0	330.8	331.7	333.5	334.9	336.9	337.7	339.1	339.6	341.7	341.6
G48.0	322.9	323.7	325.8	326.9	329.1	330.0	331.6	331.7	333.9	334.0
G49.0	315.7	316.3	318.2	319.5	321.6	322.6	324.1	324.5	326.6	326.7
G50.0	308.2	308.8	310.8	312.2	314.4	315.4	316.7	317.1	319.5	319.3
G51.0	300.0	300.7	302.9	304.0	306.2	307.0	308.7	309.1	311.3	311.4
G52.0	292.4	293.1	295.4	296.4	298.7	299.7	301.5	301.6	304.1	304.4
G53.0	285.1	285.0	287.8	288.4	291.1	291.4	293.7	293.1	295.8	296.6
G54.0	276.4	277.1	279.6	280.4	282.7	284.0	285.6	285.9	288.5	288.6
G55.0	269.2	269.5	271.6	273.2	275.3	276.2	277.8	278.0	280.5	280.8
G56.0	260.4	261.0	263.0	264.2	266.8	267.8	269.1	269.8	272.4	272.7
G57.0	252.9	253.2	255.5	256.6	258.9	259.9	261.6	261.8	264.8	265.0
G58.0	244.9	245.5	247.5	248.6	250.9	252.0	253.6	254.0	257.1	257.1
G59.0	236.1	236.7	239.2	240.4	242.6	243.5	245.4	245.3	248.6	248.6
G60.0	228.0	228.7	230.9	232.3	234.6	235.6	237.2	237.6	240.7	240.8
G61.0	220.1	220.3	223.2	223.3	226.6	227.0	229.6	228.9	232.1	232.2
G62.0	211.4	212.2	214.4	215.6	218.1	218.9	220.6	220.7	224.2	224.5
G63.0	203.5	204.1	206.6	207.5	210.0	210.6	212.9	213.0	216.6	216.3
G64.0	194.8	195.7	197.7	198.6	201.1	202.2	204.0	204.1	208.1	208.0
G65.0	186.9	187.7	189.5	190.8	193.0	194.4	195.9	196.4	199.9	200.2
G66.0	178.8	179.5	181.8	183.2	185.3	186.3	187.8	188.2	191.4	192.1
G67.0	170.1	170.9	173.0	174.1	176.4	177.7	179.3	179.6	183.3	183.6
G68.0	161.9	162.9	164.8	166.1	168.3	169.6	171.3	171.5	175.4	175.5
G69.0	153.7	154.1	156.8	157.3	160.6	160.7	163.1	162.6	166.9	166.9
G70.0	145.3	146.1	148.3	149.3	151.5	152.6	154.5	154.6	159.1	159.0
G71.0	137.2	138.1	140.5	141.6	143.9	144.7	146.3	146.6	151.1	150.9
G72.0	128.9	129.5	131.8	132.8	135.1	136.2	137.9	138.1	142.6	142.5
G73.0	120.9	121.8	123.9	125.3	127.1	128.3	129.8	130.1	134.7	134.9

C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 Humidity:  
 Inspector:



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Candlepower Table (Continue 5)

Unit: cd

G\C	C100.0	C110.0	C120.0	C130.0	C140.0	C150.0	C160.0	C170.0	C180.0	C190.0
G74.0	113.5	113.9	116.3	117.3	119.4	120.5	121.8	122.3	126.2	127.2
G75.0	104.9	105.7	107.8	108.9	111.3	111.8	113.6	113.6	118.6	118.6
G76.0	97.3	98.2	100.0	101.2	103.1	104.2	105.7	106.0	110.7	110.9
G77.0	89.1	89.5	91.9	93.0	94.9	95.7	97.4	97.3	102.5	102.4
G78.0	81.6	82.2	84.2	85.3	87.2	88.0	89.5	89.8	94.7	94.8
G79.0	74.4	75.0	76.9	77.7	79.7	80.5	82.1	82.2	87.1	87.3
G80.0	66.6	66.9	68.7	69.7	71.7	72.2	73.6	74.1	78.9	78.8
G81.0	59.3	59.9	61.6	62.6	64.1	64.9	66.3	66.4	71.3	71.4
G82.0	52.0	52.1	54.4	54.7	56.8	56.9	58.8	58.4	63.5	64.2
G83.0	44.6	45.2	46.5	47.7	49.1	49.7	51.1	51.0	56.4	55.9
G84.0	37.7	38.4	39.8	40.5	41.9	42.6	43.7	43.9	49.1	48.8
G85.0	30.3	31.1	32.2	33.2	34.2	35.0	35.8	36.1	41.2	40.8
G86.0	23.7	24.5	25.5	26.4	27.2	28.1	28.7	29.3	34.1	33.8
G87.0	17.5	18.2	18.9	20.0	20.5	21.4	21.7	22.4	27.3	26.6
G88.0	10.4	11.3	11.9	13.0	13.2	13.9	14.0	14.5	19.7	18.8
G89.0	4.3	5.2	5.4	6.4	6.4	7.3	7.1	7.8	12.6	11.8
G90.0	0.8	0.8	0.9	1.2	1.5	1.3	1.2	1.3	5.4	5.0

C Plane (°):0.0-360.0: 10.0
Test Lab: LABORATORIO STAND
Test Type: TYPE C
Temperature: 26
Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 11.772 m
Humidity:
Inspector:

## Candlepower Table (Continue 6)

Unit: cd

G\C	C200.0	C210.0	C220.0	C230.0	C240.0	C250.0	C260.0	C270.0	C280.0	C290.0
G0.0	531.0	531.0	530.9	531.2	531.2	531.1	531.2	531.3	531.1	531.2
G1.0	531.3	531.1	531.0	531.0	531.2	531.5	530.9	531.2	531.1	531.2
G2.0	530.7	531.0	530.9	531.3	530.8	531.0	530.7	531.0	530.9	530.9
G3.0	530.5	530.6	530.7	530.4	530.5	530.8	530.3	530.4	530.3	530.3
G4.0	529.9	530.2	530.0	530.2	529.7	529.8	530.0	529.5	529.3	529.2
G5.0	529.4	529.2	529.1	529.2	529.0	529.0	528.9	528.8	528.6	528.7
G6.0	528.2	528.4	528.3	528.3	528.1	527.9	527.7	527.5	527.5	527.3
G7.0	527.4	527.1	526.9	527.0	526.7	526.9	526.6	526.4	526.1	526.1
G8.0	525.8	525.8	525.6	525.8	525.6	525.3	524.8	525.0	524.7	524.6
G9.0	524.5	524.2	523.9	524.0	523.7	523.8	523.3	523.1	522.8	523.1
G10.0	522.7	522.6	522.3	522.3	522.0	521.7	521.2	521.4	520.8	521.0
G11.0	520.7	520.7	520.1	520.4	519.7	519.8	519.3	518.9	518.7	518.8
G12.0	518.7	518.4	518.0	518.4	517.8	517.4	516.8	517.1	516.7	515.5
G13.0	516.2	516.4	516.0	516.0	515.2	515.0	514.4	514.3	514.2	513.8
G14.0	513.9	513.6	513.5	513.3	512.6	512.3	511.6	511.7	511.5	511.3
G15.0	511.1	511.3	510.6	510.3	510.0	509.6	508.8	508.7	508.4	508.1
G16.0	508.3	508.1	507.3	507.5	506.8	506.3	505.9	505.7	505.5	505.0
G17.0	505.0	505.3	504.6	504.1	503.8	503.3	502.6	502.4	502.0	502.0
G18.0	502.3	502.0	501.0	501.1	500.2	500.0	499.5	499.5	498.4	498.5
G19.0	498.5	498.5	497.6	497.4	496.7	496.2	495.3	495.1	494.8	494.7
G20.0	495.1	494.7	493.9	493.8	492.8	492.6	491.7	491.5	490.8	491.1
G21.0	491.0	491.1	490.0	490.3	488.8	488.8	487.5	487.8	486.9	487.2
G22.0	487.3	487.1	485.8	485.7	484.8	484.6	483.5	483.3	482.5	482.7
G23.0	483.2	482.9	481.9	481.3	480.2	480.2	479.1	479.2	478.2	478.7
G24.0	478.4	478.5	477.4	476.8	475.8	475.7	474.6	474.1	473.4	473.4
G25.0	474.0	474.0	472.9	472.4	471.1	471.1	469.9	469.9	468.8	469.3
G26.0	469.6	469.8	468.5	468.1	466.9	466.0	465.1	465.1	464.3	464.5
G27.0	464.5	464.4	463.2	462.5	461.3	461.1	460.1	459.9	458.9	459.3
G28.0	459.9	459.3	458.6	457.7	456.4	456.0	454.8	454.8	453.9	454.1
G29.0	454.4	454.8	452.8	452.7	450.8	450.7	449.5	449.5	448.2	448.8
G30.0	449.3	448.8	448.0	447.2	445.6	445.1	443.8	443.8	442.9	443.4
G31.0	443.8	443.7	442.5	441.9	440.3	439.5	438.8	438.1	437.4	437.5
G32.0	438.1	437.8	436.7	435.8	434.2	433.6	432.4	431.9	431.4	431.7
G33.0	432.4	432.1	431.1	430.3	428.6	427.8	426.5	426.3	425.6	425.7
G34.0	426.9	426.6	425.3	424.4	422.7	422.3	421.1	420.8	419.7	420.1
G35.0	420.7	420.6	419.1	418.1	416.5	415.5	414.3	413.8	413.4	413.3
G36.0	414.8	414.4	412.8	412.0	410.3	409.9	408.6	408.2	407.2	407.6

C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 Humidity:  
 Inspector:



## Candlepower Table (Continue 7)

Unit: cd

G\C	C200.0	C210.0	C220.0	C230.0	C240.0	C250.0	C260.0	C270.0	C280.0	C290.0
G37.0	408.3	408.8	406.5	406.2	403.8	403.4	401.4	401.9	400.5	401.3
G38.0	402.1	401.7	400.3	399.1	397.3	396.9	395.5	395.1	394.0	394.5
G39.0	395.9	395.9	394.0	393.1	391.4	390.2	388.6	388.6	387.9	387.9
G40.0	389.2	388.5	386.8	385.8	384.5	383.5	381.9	381.7	380.4	379.9
G41.0	382.5	382.3	380.5	379.5	377.7	376.9	375.3	374.8	374.1	374.1
G42.0	376.2	375.5	373.6	372.6	370.7	370.1	368.5	368.1	367.0	367.5
G43.0	368.6	368.4	366.4	365.5	363.6	362.7	361.1	360.6	359.8	359.9
G44.0	362.2	361.3	359.5	358.7	356.5	355.8	354.3	353.6	352.6	352.9
G45.0	354.4	354.5	352.1	351.8	349.2	348.7	346.2	346.6	345.3	345.9
G46.0	347.6	347.0	345.0	344.1	342.1	341.1	339.4	338.9	338.4	338.3
G47.0	340.6	339.8	338.2	337.0	334.9	333.9	332.2	331.6	330.9	331.2
G48.0	332.9	332.1	330.4	329.2	327.0	325.9	324.4	324.1	323.1	323.4
G49.0	325.4	324.8	323.0	321.8	319.8	318.7	316.8	316.5	315.6	315.8
G50.0	318.0	317.5	315.7	314.5	312.1	311.5	309.7	309.5	308.2	308.7
G51.0	310.0	309.8	307.6	306.4	304.2	303.0	301.8	301.3	300.1	300.0
G52.0	303.1	302.0	300.2	298.8	296.6	295.8	294.0	293.7	292.6	292.8
G53.0	295.0	294.7	292.1	291.4	288.6	288.4	286.0	286.0	284.4	285.3
G54.0	287.3	286.6	284.5	283.4	280.7	280.0	278.2	277.7	276.6	277.1
G55.0	279.4	278.9	276.7	275.5	273.3	272.3	270.6	270.0	269.0	269.1
G56.0	271.2	270.5	268.2	267.3	265.1	263.9	262.2	261.7	260.8	260.7
G57.0	263.5	262.8	260.6	259.4	257.3	256.1	254.3	253.8	253.1	253.1
G58.0	255.8	254.9	253.0	251.8	249.4	248.4	246.4	246.3	245.1	245.4
G59.0	247.2	246.4	244.2	243.0	240.8	239.8	238.1	237.4	236.6	236.4
G60.0	239.5	238.5	236.6	235.6	233.3	231.9	229.9	229.7	228.6	228.8
G61.0	230.8	230.1	228.1	226.7	224.3	223.5	221.6	221.3	220.0	220.4
G62.0	222.9	222.5	220.2	218.9	216.7	215.8	213.4	213.3	212.3	212.5
G63.0	215.4	214.4	212.3	210.8	208.5	207.7	205.8	205.3	204.1	204.4
G64.0	206.8	205.9	203.5	202.4	200.1	199.1	197.2	196.7	195.5	195.8
G65.0	198.6	197.7	195.5	194.2	192.2	191.0	188.9	188.6	187.8	188.1
G66.0	190.0	190.3	187.0	186.6	183.5	183.2	180.4	180.8	178.7	179.8
G67.0	181.9	181.4	179.3	178.1	175.5	174.3	172.5	172.3	171.0	171.1
G68.0	174.1	173.3	171.1	169.9	167.6	166.4	164.8	164.1	163.1	163.3
G69.0	165.6	164.7	162.8	161.4	158.9	157.9	156.0	155.6	154.5	154.7
G70.0	157.6	157.0	154.7	153.5	150.9	149.8	148.0	147.9	146.7	146.9
G71.0	149.7	149.3	147.0	145.9	143.1	142.1	140.4	139.8	138.8	139.0
G72.0	141.1	140.4	138.3	137.0	134.8	133.8	132.0	131.4	130.3	130.5
G73.0	133.5	132.8	130.6	129.4	126.8	126.1	124.2	123.8	122.4	122.8

C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 Humidity:  
 Inspector:

**Candlepower Table (Continue 8)**

Unit: cd

G\C	C200.0	C210.0	C220.0	C230.0	C240.0	C250.0	C260.0	C270.0	C280.0	C290.0
G74.0	125.1	124.8	121.8	121.5	118.5	118.2	115.7	115.8	114.0	114.9
G75.0	117.2	116.5	114.3	113.3	111.0	110.0	108.1	107.7	106.6	106.7
G76.0	109.2	108.9	106.8	105.3	103.4	102.2	100.4	99.9	98.7	98.9
G77.0	101.1	100.3	98.3	97.2	95.2	94.0	92.3	91.8	90.8	90.8
G78.0	93.3	92.8	90.7	89.7	87.6	86.7	84.8	84.6	83.2	83.5
G79.0	85.7	85.4	83.1	82.0	80.1	79.0	77.5	76.9	75.9	75.9
G80.0	77.5	76.8	75.2	73.9	71.9	71.1	69.5	69.1	67.9	67.9
G81.0	70.2	69.6	67.7	66.8	64.9	64.0	62.5	62.0	60.7	60.9
G82.0	62.1	62.3	59.8	59.7	57.0	56.7	54.6	55.0	53.2	53.8
G83.0	54.9	54.1	52.8	51.5	50.1	49.0	47.7	47.2	46.2	46.0
G84.0	47.6	46.8	45.4	44.7	43.0	42.2	40.8	40.2	39.4	38.9
G85.0	39.8	39.1	37.8	36.9	35.5	34.6	33.3	32.9	31.8	31.6
G86.0	33.0	32.0	30.9	29.8	28.7	27.7	26.8	26.1	25.3	25.0
G87.0	26.0	25.1	24.3	23.1	22.1	21.0	20.4	19.5	18.9	18.2
G88.0	18.6	17.5	17.1	15.9	15.2	13.9	13.4	12.5	12.0	11.1
G89.0	11.6	10.3	10.2	9.0	8.7	7.5	7.1	6.0	5.8	4.4
G90.0	4.1	3.7	3.3	2.9	1.9	1.3	1.0	0.9	0.8	0.8

C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 9)

Unit: cd

G\C	C300.0	C310.0	C320.0	C330.0	C340.0	C350.0	C360.0			
G0.0	531.0	531.1	531.4	531.1	531.2	530.8	531.0			
G1.0	530.8	530.7	530.9	530.8	530.8	530.6	530.8			
G2.0	530.9	530.5	530.8	530.6	530.9	530.3	530.5			
G3.0	529.8	530.2	529.9	529.8	529.8	529.6	529.7			
G4.0	529.5	529.1	529.4	529.3	529.3	529.3	528.9			
G5.0	528.5	528.3	528.3	528.2	528.5	528.1	527.5			
G6.0	527.0	527.5	527.3	527.1	527.1	527.0	526.5			
G7.0	526.0	526.2	526.0	525.5	525.8	525.5	524.9			
G8.0	524.5	524.7	524.0	524.5	523.8	524.1	523.5			
G9.0	523.0	522.9	522.8	522.4	522.2	522.2	521.5			
G10.0	520.9	520.7	520.6	520.6	520.3	520.6	519.5			
G11.0	518.5	518.2	518.5	518.0	518.3	518.2	517.5			
G12.0	515.9	516.6	515.9	516.4	515.7	515.6	514.9			
G13.0	513.8	513.6	513.8	513.7	513.5	513.7	512.3			
G14.0	510.8	511.0	510.7	510.6	510.5	510.4	509.4			
G15.0	508.2	507.9	508.1	508.1	507.6	508.0	506.4			
G16.0	504.7	505.1	504.5	505.0	504.4	504.3	503.8			
G17.0	501.5	501.6	501.5	501.6	501.1	501.6	500.5			
G18.0	498.1	498.5	498.2	498.0	498.2	498.1	496.9			
G19.0	494.6	494.3	494.3	494.4	493.9	494.5	493.3			
G20.0	490.6	491.1	490.6	490.5	490.7	490.6	489.3			
G21.0	486.2	487.2	486.4	486.6	486.0	487.0	485.1			
G22.0	482.2	482.3	482.2	482.4	482.4	482.4	481.0			
G23.0	478.1	478.2	477.8	478.2	478.0	478.0	476.8			
G24.0	473.6	473.4	473.5	473.6	473.3	473.4	472.5			
G25.0	468.6	469.0	468.6	468.8	468.8	468.8	467.5			
G26.0	463.9	464.2	463.7	464.4	463.9	464.2	462.7			
G27.0	459.0	459.1	458.6	458.9	459.0	458.9	457.5			
G28.0	453.4	454.0	453.5	454.1	453.8	454.1	452.5			
G29.0	448.0	448.6	448.0	449.0	448.3	449.0	447.8			
G30.0	442.8	443.1	442.5	443.3	442.8	443.0	441.5			
G31.0	437.3	437.5	437.5	437.9	437.5	438.0	436.1			
G32.0	431.1	431.6	431.1	431.9	431.5	431.6	430.1			
G33.0	425.7	425.7	425.5	426.1	425.4	426.2	424.9			
G34.0	419.5	419.9	419.6	420.2	420.1	420.3	418.8			
G35.0	412.9	413.4	413.2	413.9	413.3	413.9	412.6			
G36.0	406.8	407.4	407.1	407.7	407.6	407.7	406.2			

C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 10)

Unit: cd

G\C	C300.0	C310.0	C320.0	C330.0	C340.0	C350.0	C360.0			
G37.0	400.5	401.1	400.3	401.6	400.8	401.6	400.3			
G38.0	394.1	394.2	394.0	394.7	394.6	394.9	393.2			
G39.0	387.8	387.9	387.5	388.4	388.0	388.5	387.0			
G40.0	380.5	380.9	380.4	381.3	381.0	381.4	379.9			
G41.0	373.8	374.1	374.1	374.7	374.3	374.8	373.3			
G42.0	366.8	367.2	367.3	367.8	367.6	368.1	366.5			
G43.0	359.4	359.8	360.0	360.5	360.2	360.6	359.0			
G44.0	352.6	352.8	353.0	353.4	353.2	353.7	352.1			
G45.0	345.0	346.0	345.5	346.8	345.7	347.2	344.9			
G46.0	337.8	338.6	338.0	338.7	338.8	339.0	337.3			
G47.0	330.6	331.1	331.0	331.9	331.3	332.2	330.1			
G48.0	322.7	323.5	323.0	323.6	323.6	324.0	322.2			
G49.0	315.7	315.9	315.7	316.6	316.5	317.0	314.8			
G50.0	307.9	308.7	308.2	309.0	308.9	309.4	307.3			
G51.0	299.9	300.4	300.5	301.0	300.9	301.5	299.1			
G52.0	292.6	292.8	292.6	293.6	293.4	293.9	291.8			
G53.0	284.1	285.2	284.6	286.1	285.2	286.6	283.8			
G54.0	276.4	277.1	276.6	278.0	277.4	277.9	275.7			
G55.0	268.7	269.1	269.3	270.0	269.7	270.5	267.8			
G56.0	260.4	261.0	260.8	261.8	261.3	261.8	259.3			
G57.0	252.5	253.4	253.1	253.8	253.9	254.4	251.5			
G58.0	245.0	245.5	245.0	246.2	246.1	246.7	243.6			
G59.0	236.2	237.0	236.6	237.3	237.3	237.9	235.0			
G60.0	227.9	228.9	229.0	229.7	229.5	230.1	227.1			
G61.0	219.6	220.3	220.1	221.1	220.8	221.6	219.3			
G62.0	212.1	212.4	211.9	213.2	212.9	213.6	210.4			
G63.0	203.7	204.3	204.2	205.1	204.9	205.7	202.3			
G64.0	195.1	195.7	195.7	196.4	196.2	196.9	193.7			
G65.0	187.2	187.7	187.4	188.4	188.4	189.1	185.7			
G66.0	178.4	179.9	178.9	180.8	179.4	181.4	177.8			
G67.0	170.3	171.4	170.9	171.8	171.6	172.4	169.1			
G68.0	162.7	163.2	162.9	164.0	163.9	164.8	160.9			
G69.0	153.9	154.8	154.4	155.6	155.4	156.2	152.7			
G70.0	146.4	146.9	146.8	147.3	147.5	148.1	144.3			
G71.0	138.3	138.9	138.7	139.6	139.7	140.3	136.1			
G72.0	129.9	130.4	130.0	131.2	131.0	131.9	127.7			
G73.0	122.3	122.8	122.3	123.6	123.2	123.9	119.7			

C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 11)

Unit: cd

G\C	C300.0	C310.0	C320.0	C330.0	C340.0	C350.0	C360.0			
G74.0	113.5	114.8	114.0	115.6	114.6	116.3	112.2			
G75.0	106.0	106.7	106.5	107.3	106.9	107.7	103.5			
G76.0	98.6	98.8	98.6	99.4	99.1	100.1	95.7			
G77.0	90.1	90.7	90.4	91.3	90.9	92.0	87.1			
G78.0	82.6	83.3	82.8	83.8	83.2	84.3	79.6			
G79.0	75.3	75.9	75.4	76.1	75.8	76.7	71.9			
G80.0	67.2	67.6	67.3	68.0	67.9	68.6	63.8			
G81.0	60.2	60.4	60.2	60.5	60.4	61.0	56.7			
G82.0	52.3	53.0	52.2	53.3	52.4	53.8	49.2			
G83.0	45.3	45.3	45.0	45.5	45.3	46.0	41.5			
G84.0	38.5	38.5	38.0	38.3	38.2	38.7	34.2			
G85.0	31.0	30.8	30.5	30.7	30.6	31.1	26.4			
G86.0	24.4	23.9	23.9	23.7	23.8	24.0	19.5			
G87.0	17.9	17.4	17.1	16.9	17.1	17.2	12.7			
G88.0	10.6	10.0	10.1	9.8	10.1	10.0	5.8			
G89.0	4.3	3.6	4.0	3.5	3.8	3.6	0.8			
G90.0	0.8	0.8	0.8	0.9	0.8	0.8	0.8			

C Plane (°):0.0-360.0: 10.0  
 Test Lab: LABORATORIO STAND  
 Test Type: TYPE C  
 Temperature: 26  
 Operator: Cristian Herrera Arismendy

Gamma Plane (°):0.0-90.0:1.0  
 Test Device: LSG-1700B  
 Distance: 11.772 m  
 Humidity:  
 Inspector: