



Report No.:

Test Time: 2021-04-12 07:50

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: RAD-S-CIS-3.3000.24.-.36

Luminous Length (mm): -53

Luminous Width (mm): -53

Luminous Height (mm): 70

Voltage: 24.0 V

Current: 0.142 A

Power: 3.40 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 312.9 lm

Downward Ratio: 100%

Total Rated Lamp Lumens: 312.9 lm

Efficiency: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 71.2, 70.8, 71.1, 71.1

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 34.4, 34.4, 34.6, 34.5

Luminaire Efficacy Rating (LER): 92.08

Central Intensity: 625.86 cd

Max. Intensity: 625.86 cd

Pos of Max. Intensity: H0 V0

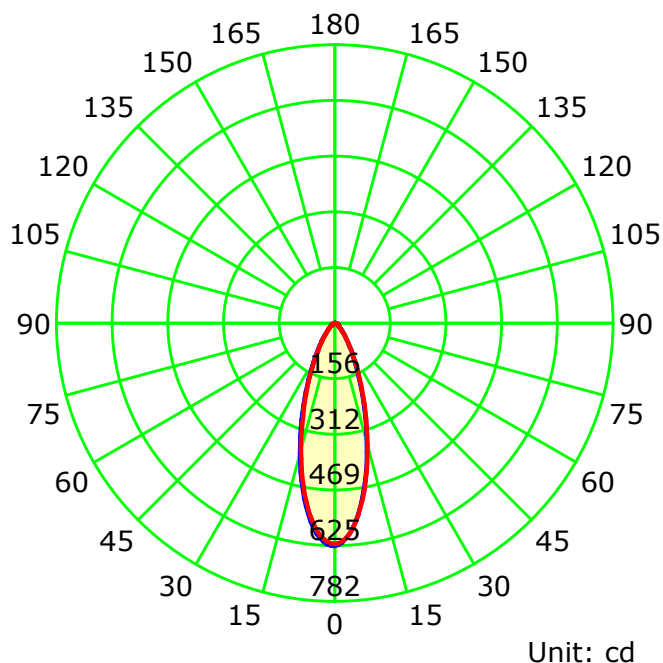
S/MH(C0/C180): 0.56

S/MH(C90/C270): 0.56

Picture Of Luminaire



Luminous Intensity Distribution Curve



— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 10.0

Test Lab: Svet-lab

Test Type: TYPE C

Temperature:

Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0

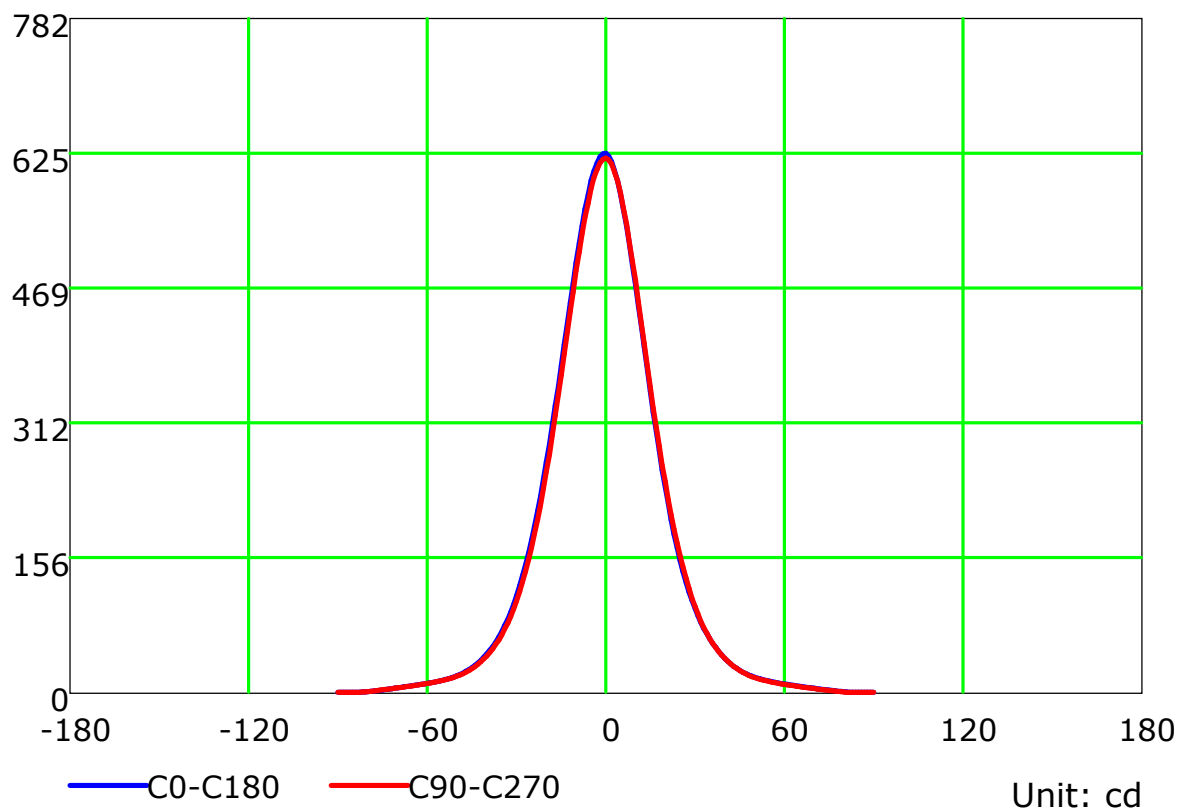
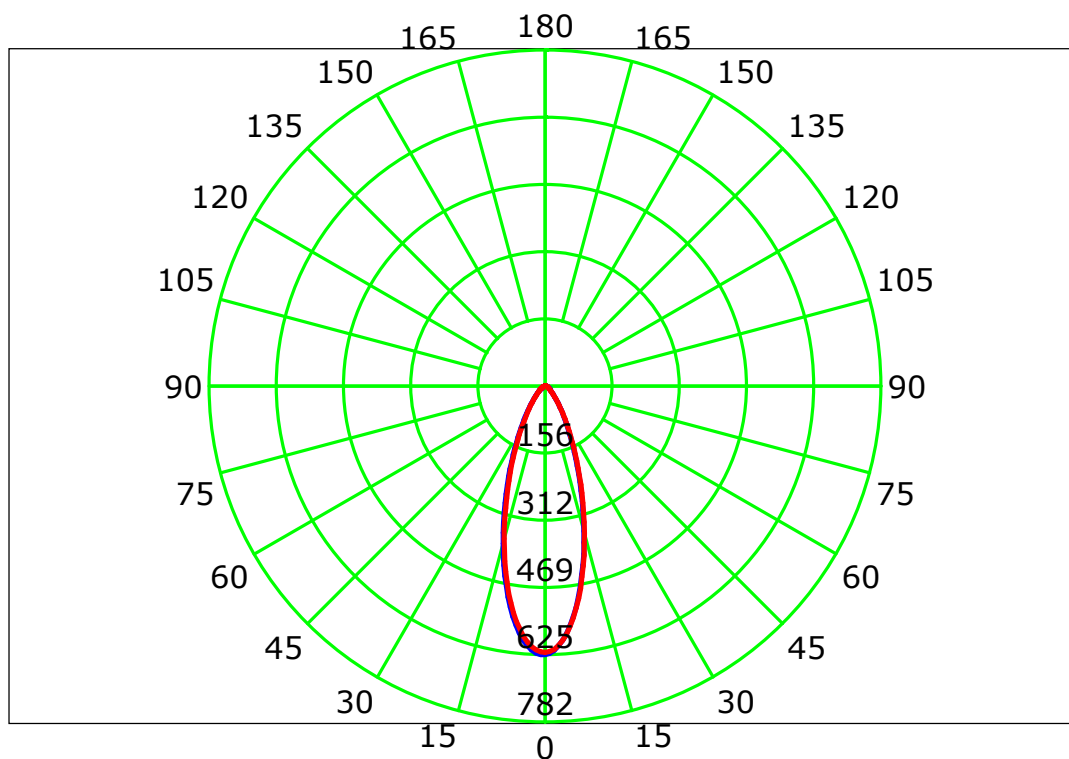
Test Device: LSG-1700B

Distance: 9.600 m

Humidity:

Inspector:

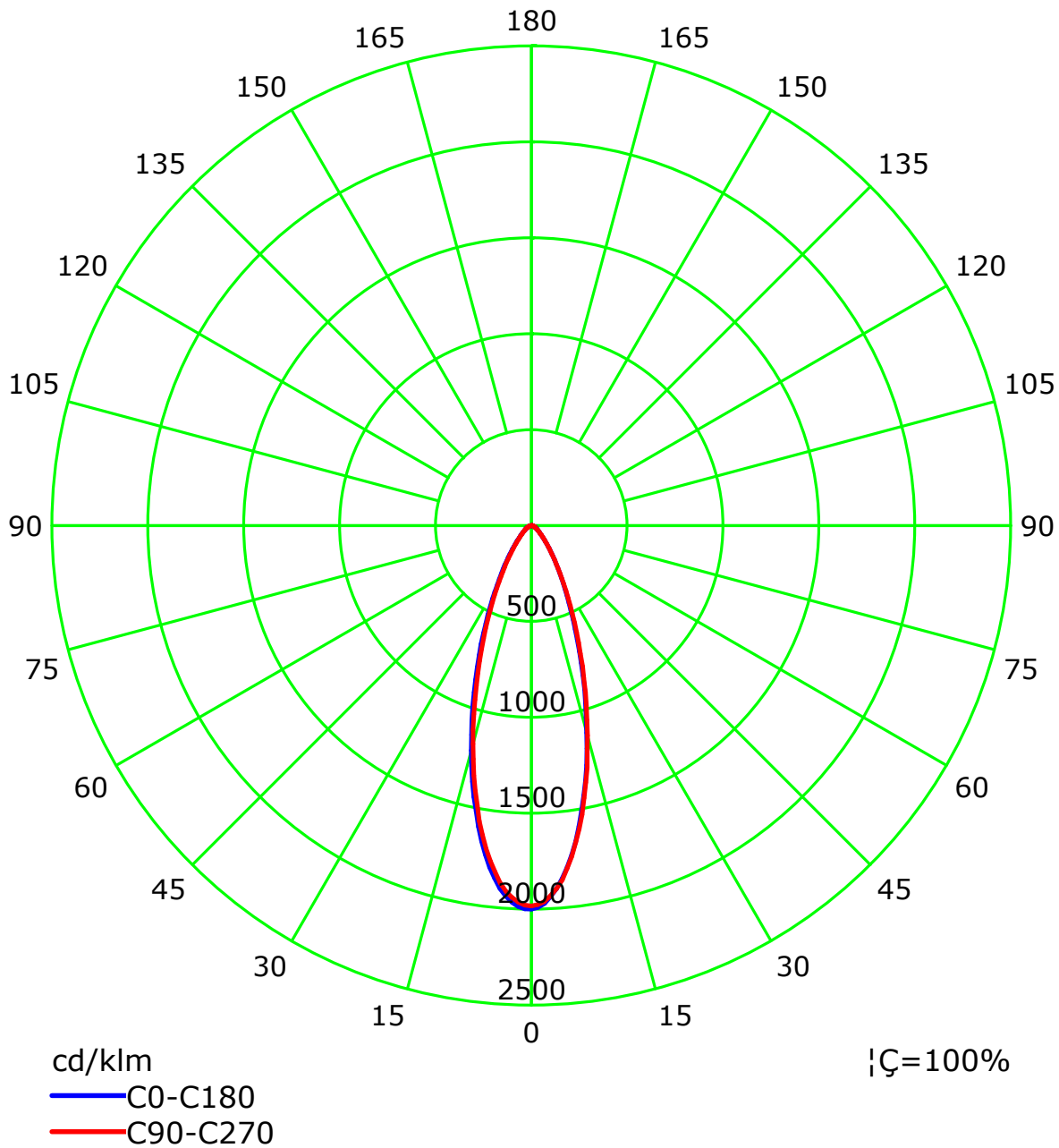
Luminous Intensity Distribution Curve



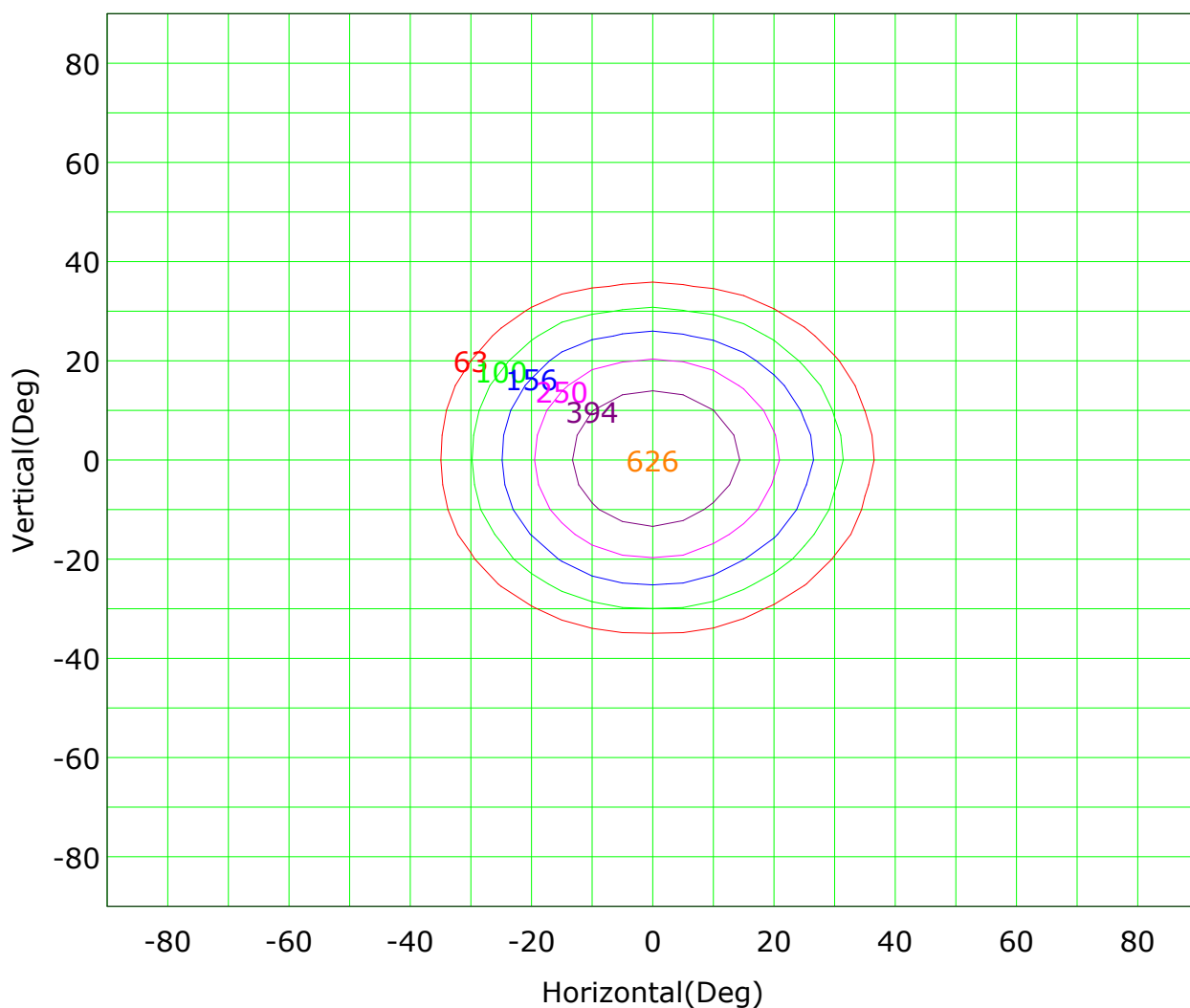
C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:

Luminous Intensity Distribution Curve(cd/klm)



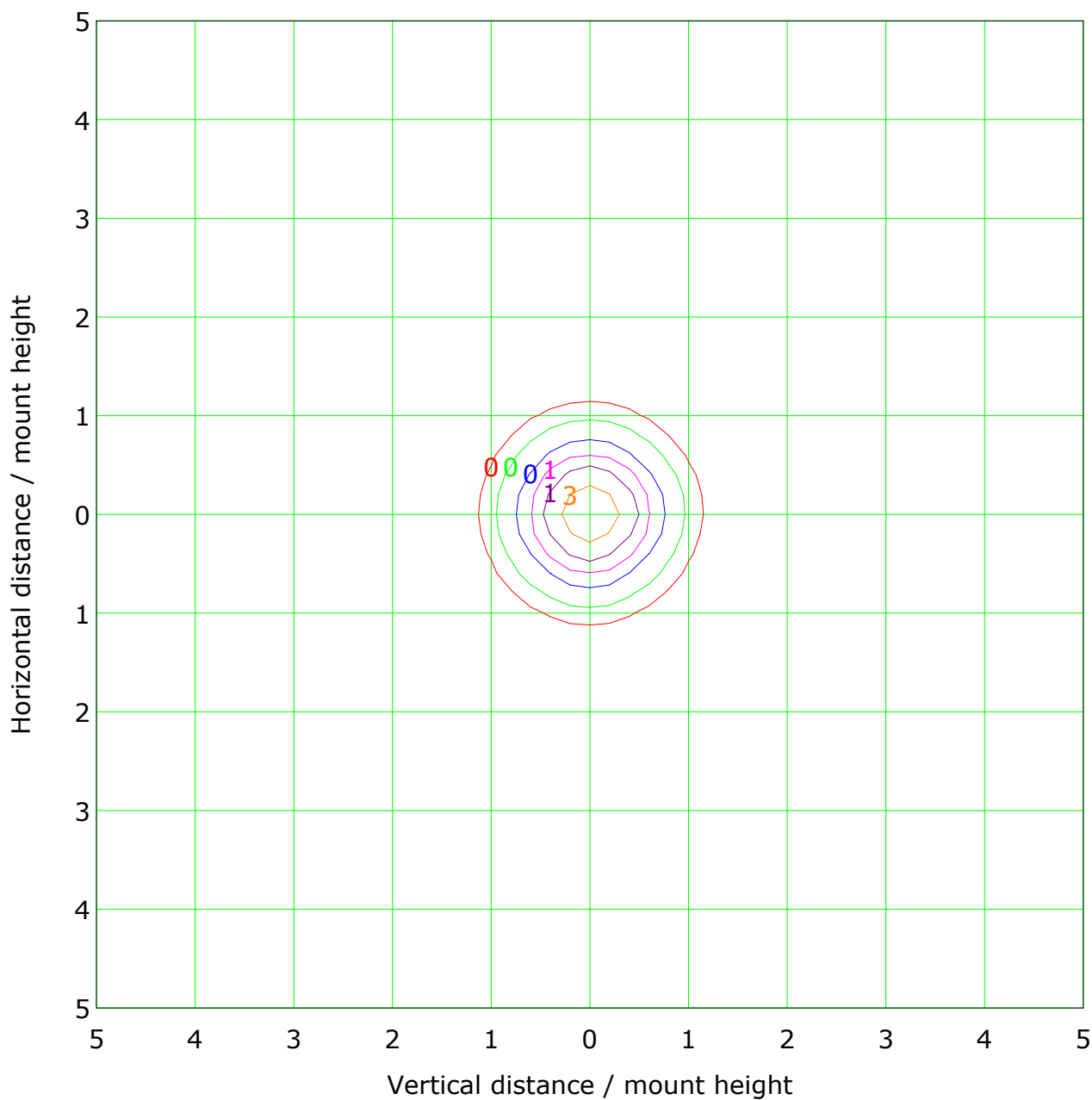
Isocandela (rectangle)



Imax (100%): 626 cd

(10%): 63 cd	(16%): 100 cd
(25%): 156 cd	(40%): 250 cd
(63%): 394 cd	(100%): 626 cd

IsoLux Plot



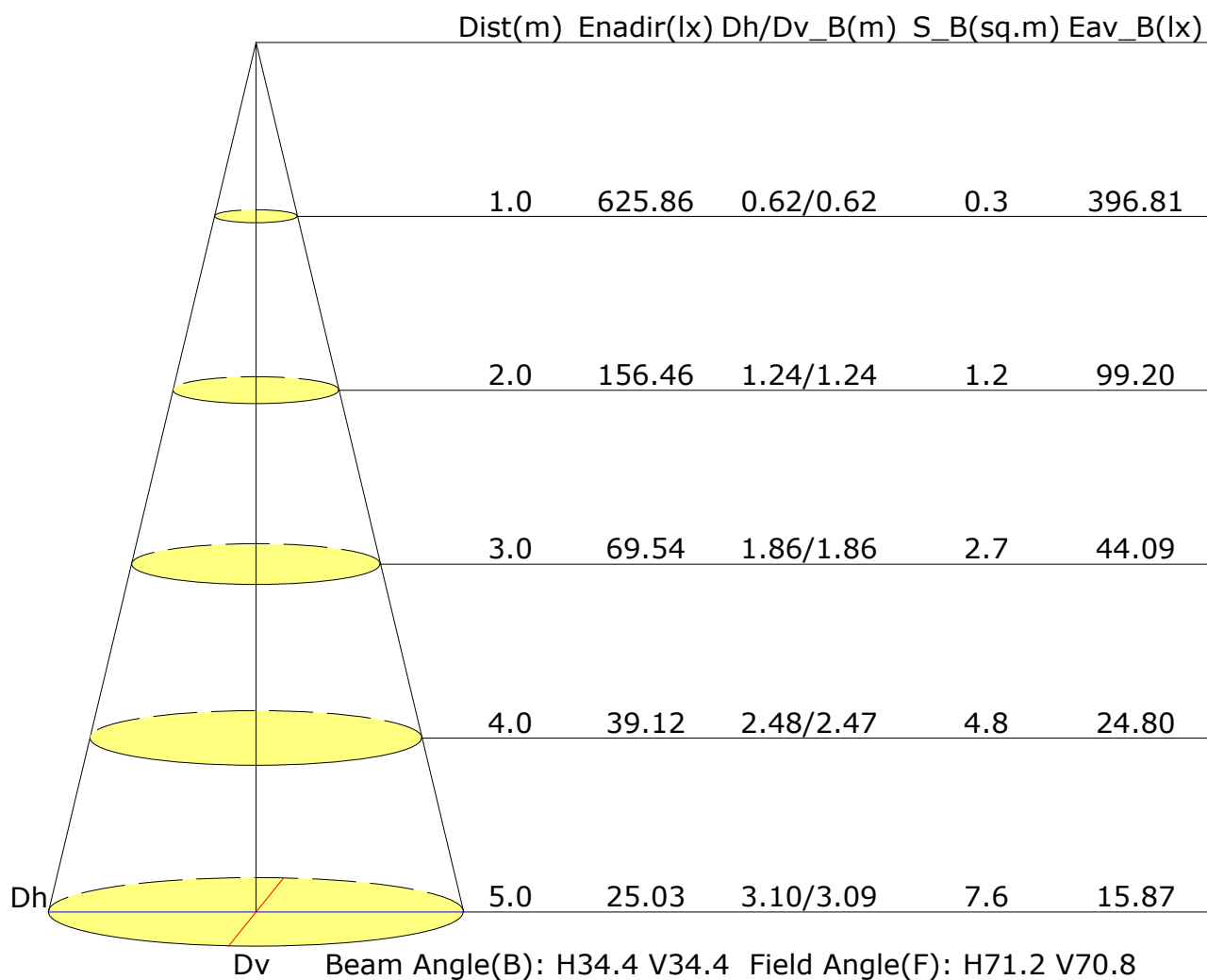
Mounting Height: 10.0m Max Lux(100%): 6.3 lx

(1%): 0.1 lx	(2%): 0.1 lx
(5%): 0.3 lx	(10%): 0.6 lx
(20%): 1.3 lx	(50%): 3.1 lx
(100%): 6.3 lx	

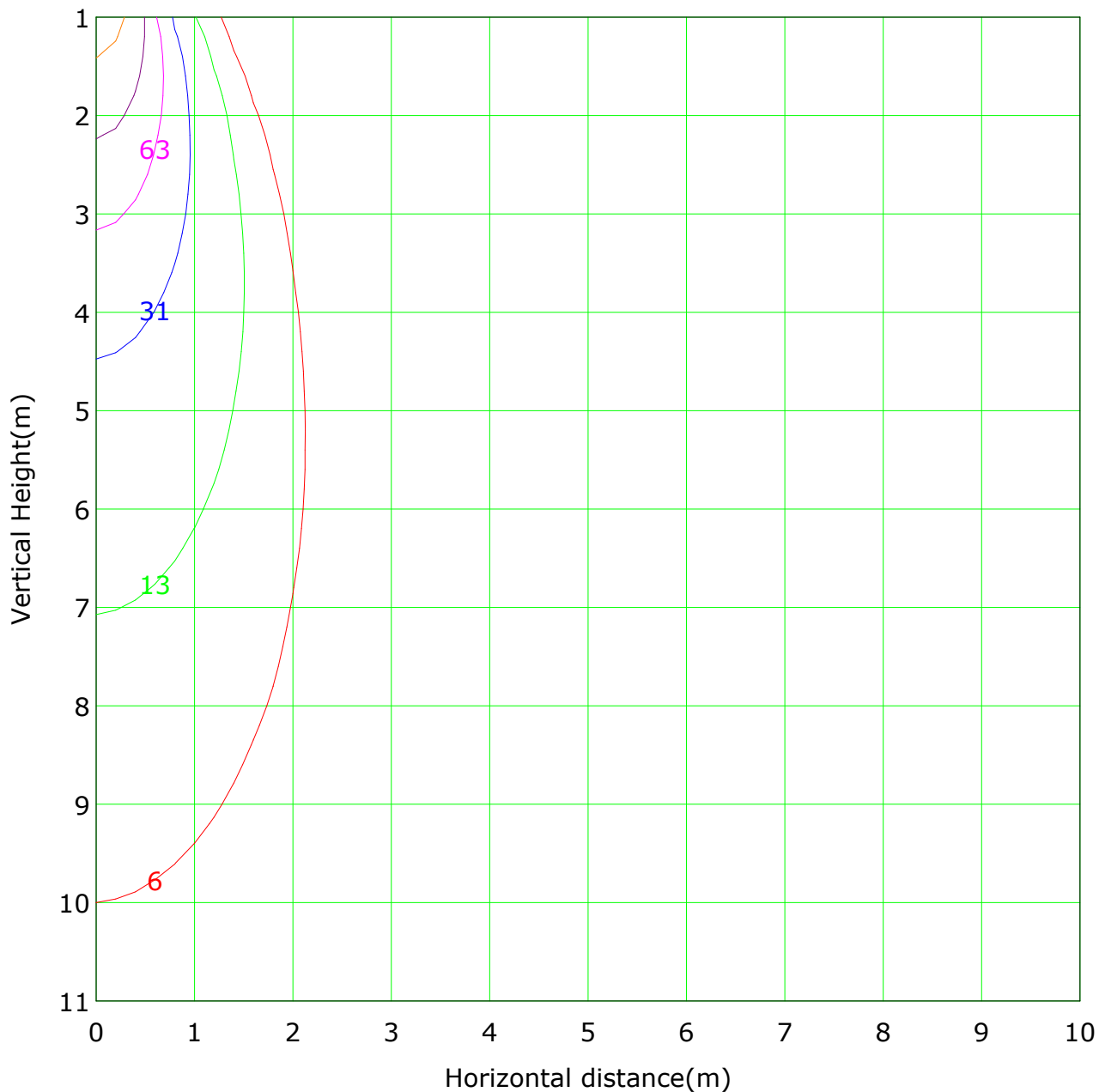
C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:

Illuminance at a Distance



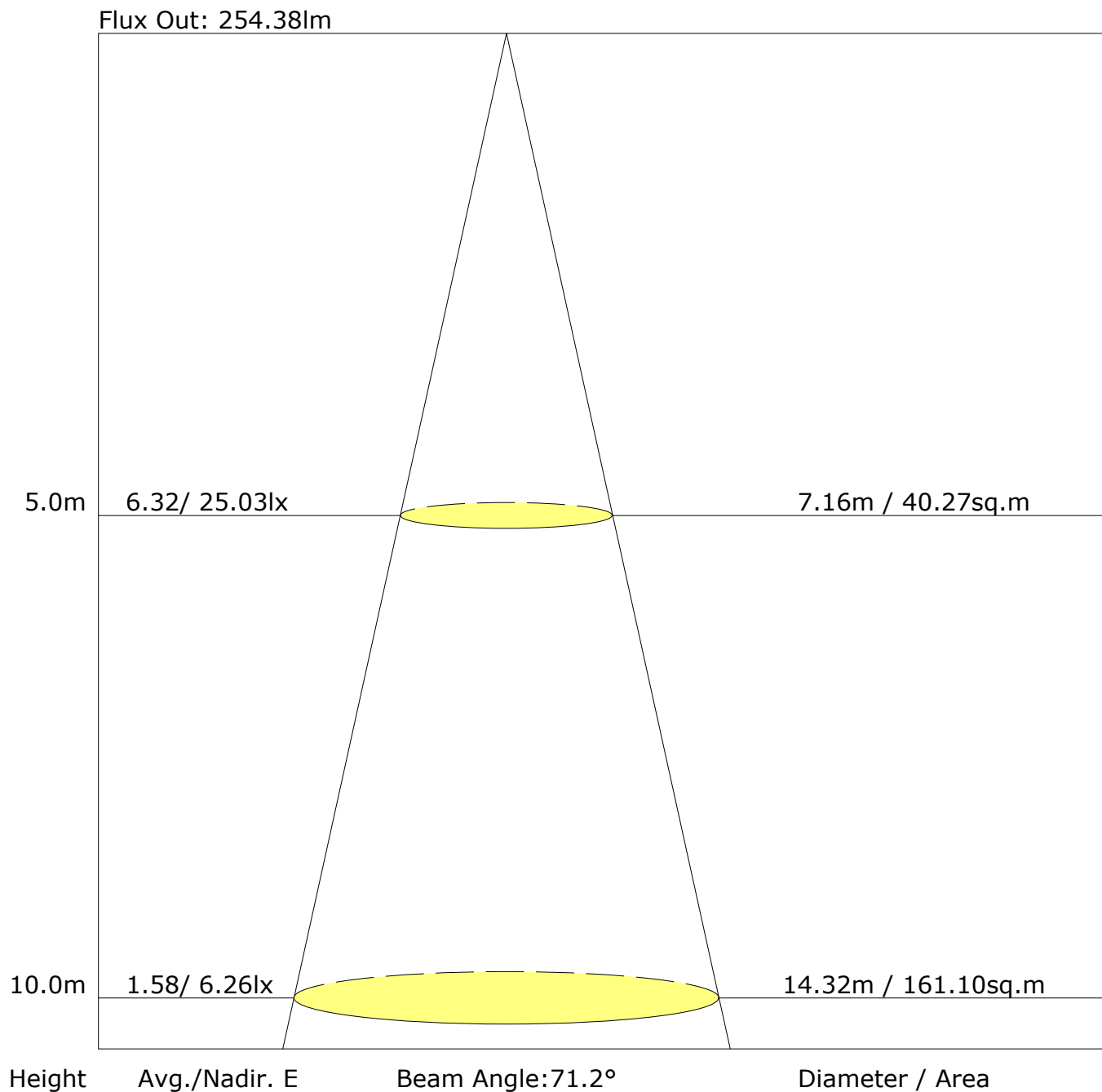
Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 625.9 lx

— (1%): 6.3 lx	— (2%): 12.5 lx
— (5%): 31.3 lx	— (10%): 62.6 lx
— (20%): 125.2 lx	— (50%): 312.9 lx
— (100%): 625.9 lx	

The Average Illuminance Effective Figure

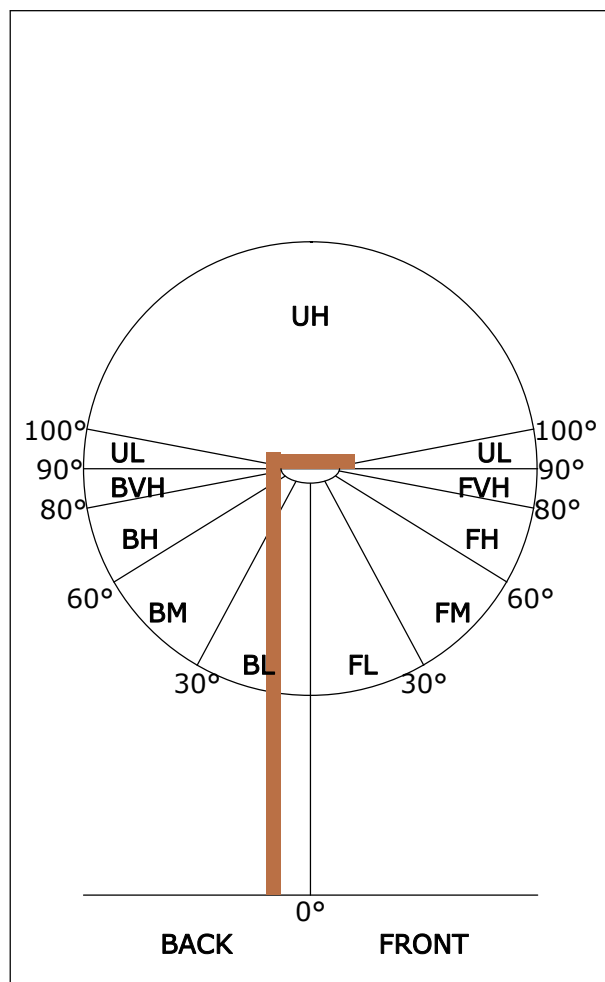


UGR Table

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.\$/4.6					-1.\$/4.7				
S=1.5H	-1.\$/7.3					-1.\$/7.4				
S=2.0H	-1.\$/9.2					-1.\$/9.3				

Calculate in accordance with CIE Pub.117. The table is revised with 313lm ($8\log(F/F_0) = -4.0$).

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



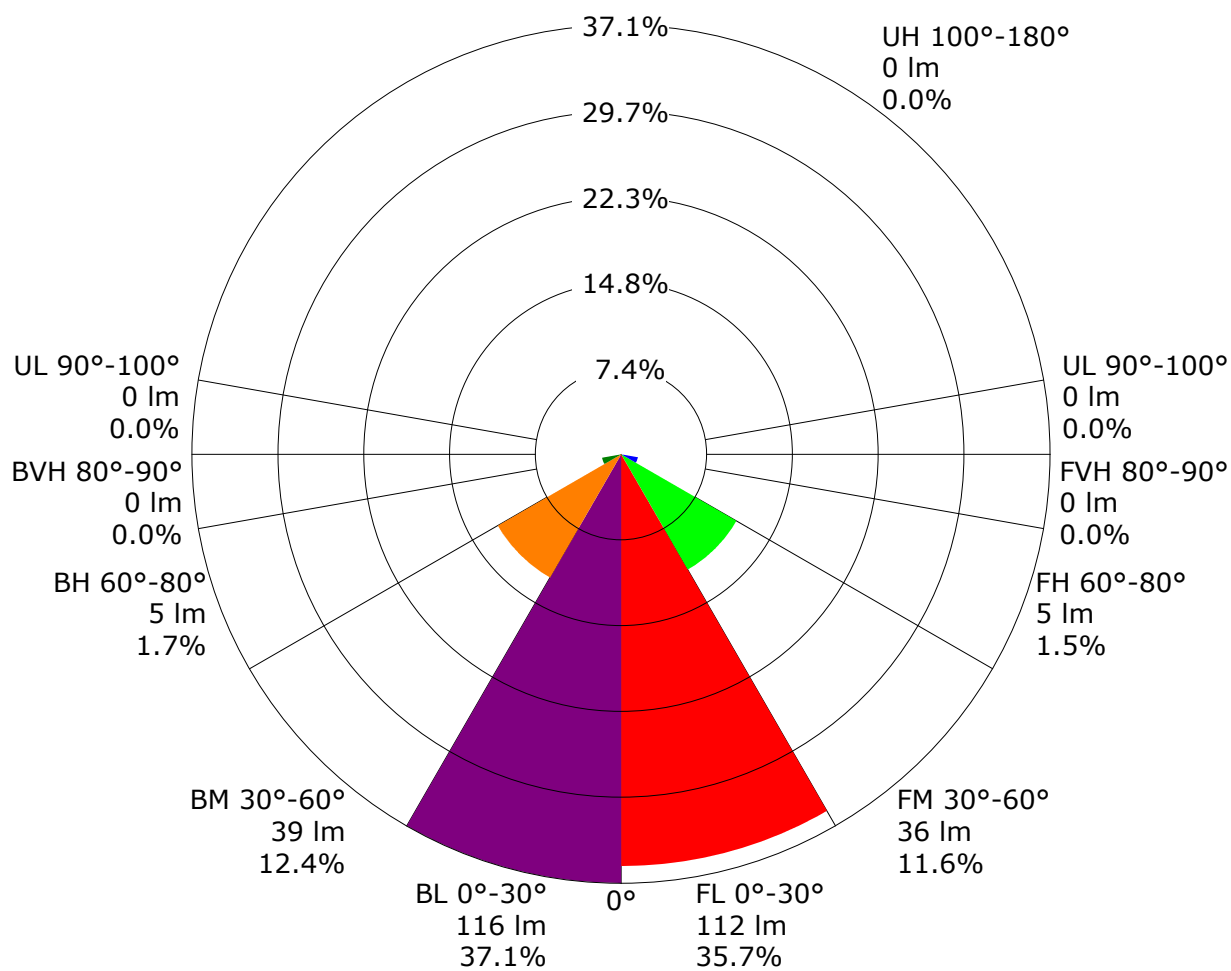
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	153	48.8
FL (0°-30°)	112	35.7
FM (30°-60°)	36	11.6
FH (60°-80°)	5	1.5
FVH (80°-90°)	0	0.0
BACK LIGHT	160	51.2
BL (0°-30°)	116	37.1
BM (30°-60°)	39	12.4
BH (60°-80°)	5	1.7
BVH (80°-90°)	0	0.0
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B1 U0 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B1 U0 G0

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:

LCS Graph



Back Light

Forward Light

Scale= MAX LCS%

Trapped Light:NA,NA

C Plane (°):0.0-360.0: 10.0

Test Lab: Svet-lab

Test Type: TYPE C

Temperature:

Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0

Test Device: LSG-1700B

Distance: 9.600 m

Humidity:

Inspector:

Zonal Lumen

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
0.0-1.0	619.2	0.6	0.6	0.19	0.19
1.0-2.0	616.0	1.8	2.4	0.57	0.75
2.0-3.0	609.5	2.9	5.3	0.93	1.69
3.0-4.0	599.9	4.0	9.3	1.28	2.97
4.0-5.0	588.0	5.1	14.4	1.62	4.59
5.0-6.0	573.1	6.0	20.4	1.93	6.51
6.0-7.0	556.0	6.9	27.3	2.21	8.72
7.0-8.0	537.2	7.7	35.0	2.46	11.18
8.0-9.0	516.4	8.4	43.3	2.67	13.85
9.0-10.0	494.6	9.0	52.3	2.86	16.71
10.0-11.0	471.2	9.4	61.7	3.01	19.72
11.0-12.0	447.1	9.8	71.5	3.12	22.84
12.0-13.0	423.7	10.1	81.5	3.21	26.06
13.0-14.0	399.0	10.2	91.7	3.26	29.32
14.0-15.0	374.5	10.3	102.0	3.29	32.61
15.0-16.0	350.6	10.3	112.3	3.28	35.89
16.0-17.0	326.8	10.2	122.5	3.25	39.15
17.0-18.0	304.5	10.0	132.5	3.21	42.35
18.0-19.0	282.1	9.8	142.3	3.14	45.49
19.0-20.0	260.9	9.6	151.9	3.05	48.54
20.0-21.0	241.3	9.3	161.2	2.96	51.51
21.0-22.0	222.0	8.9	170.1	2.85	54.36
22.0-23.0	203.9	8.6	178.6	2.74	57.09
23.0-24.0	187.1	8.2	186.8	2.61	59.71
24.0-25.0	171.1	7.8	194.6	2.49	62.19
25.0-26.0	156.7	7.4	202.0	2.37	64.56
26.0-27.0	143.1	7.0	209.0	2.24	66.80
27.0-28.0	130.5	6.6	215.6	2.11	68.91
28.0-29.0	119.2	6.2	221.8	1.99	70.90
29.0-30.0	108.5	5.9	227.7	1.87	72.77
30.0-31.0	98.8	5.5	233.2	1.76	74.53
31.0-32.0	90.0	5.2	238.4	1.65	76.18
32.0-33.0	81.9	4.8	243.2	1.54	77.72
33.0-34.0	74.9	4.5	247.7	1.45	79.17
34.0-35.0	68.2	4.2	252.0	1.35	80.52
35.0-36.0	62.2	4.0	255.9	1.27	81.79

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 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	56.8	3.7	259.6	1.18	82.97
37.0-38.0	51.8	3.5	263.1	1.11	84.08
38.0-39.0	47.4	3.2	266.3	1.03	85.11
39.0-40.0	43.3	3.0	269.3	0.97	86.08
40.0-41.0	39.5	2.8	272.2	0.90	86.98
41.0-42.0	36.3	2.6	274.8	0.84	87.82
42.0-43.0	33.2	2.5	277.2	0.79	88.61
43.0-44.0	30.4	2.3	279.5	0.73	89.34
44.0-45.0	27.9	2.1	281.7	0.69	90.02
45.0-46.0	25.6	2.0	283.7	0.64	90.66
46.0-47.0	23.6	1.9	285.6	0.60	91.27
47.0-48.0	21.9	1.8	287.3	0.57	91.83
48.0-49.0	20.3	1.7	289.0	0.53	92.36
49.0-50.0	18.9	1.6	290.6	0.50	92.87
50.0-51.0	17.6	1.5	292.1	0.48	93.34
51.0-52.0	16.5	1.4	293.5	0.45	93.80
52.0-53.0	15.5	1.3	294.8	0.43	94.23
53.0-54.0	14.5	1.3	296.1	0.41	94.63
54.0-55.0	13.7	1.2	297.3	0.39	95.02
55.0-56.0	12.9	1.2	298.5	0.37	95.40
56.0-57.0	12.2	1.1	299.6	0.36	95.75
57.0-58.0	11.5	1.1	300.7	0.34	96.09
58.0-59.0	10.9	1.0	301.7	0.32	96.42
59.0-60.0	10.3	1.0	302.6	0.31	96.73
60.0-61.0	9.7	0.9	303.6	0.30	97.02
61.0-62.0	9.1	0.9	304.5	0.28	97.30
62.0-63.0	8.6	0.8	305.3	0.27	97.57
63.0-64.0	8.1	0.8	306.1	0.25	97.82
64.0-65.0	7.5	0.7	306.8	0.24	98.06
65.0-66.0	7.1	0.7	307.5	0.22	98.29
66.0-67.0	6.6	0.7	308.2	0.21	98.50
67.0-68.0	6.1	0.6	308.8	0.20	98.69
68.0-69.0	5.6	0.6	309.4	0.18	98.88
69.0-70.0	5.1	0.5	309.9	0.17	99.04
70.0-71.0	4.7	0.5	310.4	0.15	99.20
71.0-72.0	4.2	0.4	310.8	0.14	99.34

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 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	625.9	624.7	623.8	623.2	622.7	621.9	621.3	621.5	620.8	620.6
G1.0	622.7	621.3	621.1	620.2	620.6	619.8	619.6	619.4	619.3	618.3
G2.0	616.5	614.7	614.9	614.0	614.9	614.2	614.3	614.0	614.4	613.8
G3.0	605.8	604.5	604.8	604.2	605.0	604.6	605.3	604.5	606.1	604.5
G4.0	593.5	591.3	592.3	591.4	593.5	592.5	593.9	593.8	594.8	593.6
G5.0	578.3	577.2	577.1	576.3	578.7	578.5	580.5	579.9	582.1	580.0
G6.0	560.5	558.0	559.8	558.9	561.5	561.2	562.8	562.5	564.7	562.0
G7.0	541.1	538.5	540.9	539.7	543.0	543.1	545.5	544.1	547.1	543.9
G8.0	520.2	516.5	520.7	517.8	522.3	520.4	525.5	522.8	527.3	521.6
G9.0	496.8	495.2	497.9	495.6	499.6	499.5	502.8	501.9	504.6	500.8
G10.0	473.0	471.9	475.1	473.6	477.7	477.8	480.1	479.0	481.3	478.6
G11.0	448.4	446.4	449.9	448.0	451.6	451.9	454.9	453.0	456.8	452.7
G12.0	425.8	422.1	425.1	424.8	428.6	427.6	432.1	429.8	432.6	428.6
G13.0	401.0	398.4	401.3	400.3	404.7	404.2	407.5	405.3	408.7	405.1
G14.0	374.7	371.9	374.1	375.0	379.5	378.4	381.0	378.5	381.6	378.1
G15.0	349.9	348.3	351.0	351.1	355.1	355.6	357.7	355.1	358.2	354.9
G16.0	325.3	322.5	325.0	326.1	330.2	329.1	332.0	330.5	332.2	330.2
G17.0	302.7	301.1	303.0	302.7	308.2	307.0	309.8	308.5	311.0	307.4
G18.0	281.3	278.9	281.0	281.1	285.7	285.9	287.8	286.2	289.1	286.5
G19.0	258.3	256.4	258.8	258.5	262.0	262.6	266.0	264.1	267.1	263.8
G20.0	238.1	235.9	239.3	238.3	242.3	243.3	246.5	243.8	247.4	244.8
G21.0	220.2	216.4	219.9	218.0	223.9	222.3	227.2	223.9	228.0	223.9
G22.0	200.5	198.5	200.8	200.3	203.9	204.4	208.3	206.5	209.1	206.4
G23.0	183.9	182.4	184.0	183.9	187.9	189.1	191.2	190.1	192.1	189.7
G24.0	168.0	165.9	167.7	167.6	171.0	172.5	174.4	173.4	175.4	173.6
G25.0	153.5	152.1	153.3	154.0	157.3	157.9	159.6	158.1	160.4	158.9
G26.0	140.3	139.4	140.7	140.8	143.7	144.6	146.4	145.1	147.2	145.9
G27.0	127.8	126.2	127.7	127.9	130.8	131.3	132.3	131.9	133.2	132.4
G28.0	116.7	115.8	117.1	116.8	120.0	120.1	121.1	120.5	122.0	120.8
G29.0	107.2	105.1	107.3	106.2	109.8	108.9	110.6	108.7	111.0	109.4
G30.0	97.5	96.6	97.6	97.6	100.0	99.8	100.4	99.6	101.0	99.7
G31.0	89.2	88.5	89.3	89.2	91.3	91.2	92.0	91.0	92.4	91.2
G32.0	81.1	80.4	80.9	81.2	83.0	82.8	82.8	82.7	83.6	82.2
G33.0	74.0	73.5	74.2	74.3	75.6	75.4	76.0	75.3	76.5	75.3
G34.0	68.1	67.4	67.9	68.0	69.3	68.9	69.5	68.8	69.6	68.7
G35.0	62.1	61.4	61.8	61.7	63.1	62.5	62.8	62.4	63.1	62.3
G36.0	56.8	56.2	56.6	56.6	57.7	57.2	57.7	57.1	57.9	57.1

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 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	52.1	51.2	51.9	51.5	53.0	51.9	52.7	51.9	53.0	52.0
G38.0	47.3	46.8	47.5	47.0	47.9	47.6	48.0	47.4	48.2	47.3
G39.0	43.5	43.0	43.3	43.2	44.0	43.6	43.7	43.6	44.1	43.3
G40.0	39.4	39.2	39.4	39.2	39.9	39.7	39.8	39.5	40.1	39.5
G41.0	36.2	35.7	36.2	36.0	36.6	36.3	36.6	36.3	36.8	36.2
G42.0	33.3	32.9	33.2	33.0	33.6	33.4	33.4	33.2	33.7	33.2
G43.0	30.4	30.0	30.3	30.0	30.5	30.4	30.5	30.4	30.7	30.2
G44.0	28.0	27.5	27.8	27.6	28.1	28.1	28.0	27.9	28.2	27.9
G45.0	25.8	25.3	25.6	25.3	26.0	25.6	25.8	25.7	26.0	25.5
G46.0	23.8	23.4	23.6	23.4	23.7	23.6	23.6	23.6	23.8	23.5
G47.0	22.1	21.7	21.8	21.7	22.0	22.0	21.9	21.9	22.0	21.7
G48.0	20.4	20.2	20.1	20.0	20.2	20.2	20.2	20.1	20.3	20.0
G49.0	19.0	18.7	18.8	18.6	18.8	18.9	18.8	18.7	18.9	18.5
G50.0	17.8	17.5	17.5	17.4	17.7	17.5	17.5	17.5	17.6	17.3
G51.0	16.7	16.4	16.4	16.3	16.5	16.4	16.3	16.3	16.3	16.1
G52.0	15.6	15.4	15.4	15.2	15.4	15.5	15.3	15.2	15.4	15.1
G53.0	14.7	14.3	14.5	14.4	14.5	14.4	14.3	14.3	14.5	14.2
G54.0	13.8	13.6	13.6	13.6	13.6	13.6	13.4	13.3	13.5	13.4
G55.0	13.1	12.9	12.8	12.8	12.9	12.9	12.6	12.6	12.8	12.7
G56.0	12.3	12.2	12.1	12.1	12.1	12.1	11.9	11.8	12.1	11.9
G57.0	11.7	11.6	11.4	11.5	11.5	11.4	11.2	11.1	11.4	11.2
G58.0	11.1	11.0	10.9	10.8	10.9	10.9	10.6	10.6	10.8	10.6
G59.0	10.4	10.3	10.3	10.2	10.2	10.3	10.0	9.9	10.2	10.0
G60.0	9.9	9.7	9.7	9.7	9.6	9.7	9.5	9.3	9.6	9.4
G61.0	9.4	9.1	9.1	9.1	9.1	9.1	8.8	8.8	9.0	8.8
G62.0	8.8	8.6	8.5	8.5	8.7	8.6	8.3	8.2	8.5	8.3
G63.0	8.3	8.1	8.1	8.0	8.1	8.1	7.9	7.8	8.0	7.8
G64.0	7.6	7.6	7.5	7.4	7.6	7.6	7.3	7.2	7.4	7.3
G65.0	7.2	7.1	7.0	7.0	7.1	7.0	6.8	6.8	7.0	6.8
G66.0	6.8	6.7	6.6	6.5	6.6	6.6	6.4	6.2	6.5	6.3
G67.0	6.3	6.2	6.1	6.1	6.0	6.1	5.9	5.8	6.0	5.8
G68.0	5.8	5.7	5.6	5.6	5.6	5.7	5.4	5.3	5.5	5.4
G69.0	5.3	5.3	5.1	5.1	5.1	5.2	4.9	4.8	5.1	4.9
G70.0	4.8	4.8	4.6	4.7	4.6	4.8	4.5	4.4	4.6	4.5
G71.0	4.4	4.4	4.2	4.2	4.1	4.3	4.0	4.0	4.1	4.1
G72.0	4.0	3.9	3.7	3.8	3.8	3.8	3.5	3.7	3.7	3.5
G73.0	3.5	3.4	3.3	3.4	3.3	3.4	3.1	3.2	3.3	3.2

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 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	619.9	619.2	617.8	616.6	616.4	615.7	615.3	615.0	625.9	624.7
G1.0	618.2	617.0	614.4	613.3	614.0	613.5	614.2	614.0	625.3	624.2
G2.0	613.4	612.0	607.8	607.3	608.1	607.9	609.5	609.7	621.8	621.0
G3.0	604.8	602.9	597.7	597.2	599.0	599.2	601.5	602.2	615.0	613.8
G4.0	593.8	591.9	586.0	585.4	588.1	588.1	591.4	592.7	605.4	605.0
G5.0	580.3	578.0	571.3	571.1	574.0	574.6	579.1	580.1	594.3	593.0
G6.0	562.8	560.1	553.3	553.0	557.4	558.1	562.7	564.1	577.8	578.1
G7.0	545.1	541.9	534.0	535.1	539.7	540.3	546.4	546.9	561.4	561.8
G8.0	524.9	519.3	513.5	512.4	520.1	519.8	527.2	526.7	541.7	544.2
G9.0	502.3	498.9	491.0	491.6	498.0	499.6	505.7	505.4	521.1	522.0
G10.0	479.6	477.3	468.3	469.8	476.7	477.2	483.9	484.3	498.9	500.3
G11.0	454.9	451.6	443.9	444.3	451.1	453.1	459.8	460.7	474.6	475.0
G12.0	431.4	428.5	421.0	422.2	428.0	429.2	436.2	438.1	452.3	452.5
G13.0	406.6	404.2	396.8	398.2	403.6	406.4	413.9	414.7	428.8	429.9
G14.0	380.1	378.0	371.4	372.2	377.5	380.9	387.5	390.1	403.9	404.2
G15.0	357.0	355.0	347.7	349.4	354.8	357.9	365.2	367.0	379.8	381.9
G16.0	332.5	330.5	322.1	323.8	330.3	331.5	340.8	343.4	355.1	358.5
G17.0	309.5	307.5	300.7	302.1	307.8	309.5	317.7	320.4	333.0	334.3
G18.0	289.1	286.2	280.0	281.4	286.8	287.7	294.9	298.7	310.4	311.6
G19.0	266.4	263.6	257.1	259.1	264.1	266.2	272.7	275.9	287.8	288.3
G20.0	247.1	244.4	238.5	240.4	245.5	247.4	253.5	255.4	267.6	268.1
G21.0	227.7	223.3	220.1	220.2	226.7	226.6	234.2	235.0	247.4	248.3
G22.0	208.5	206.1	201.4	203.5	207.6	209.4	214.7	216.5	227.3	227.5
G23.0	191.7	189.3	184.8	186.5	191.6	192.2	197.2	199.2	210.4	210.3
G24.0	174.9	172.6	168.8	170.4	174.4	174.8	180.2	182.4	192.1	193.5
G25.0	160.0	158.1	154.5	155.9	160.0	160.8	165.1	167.6	176.7	176.7
G26.0	146.8	145.0	142.0	142.8	146.3	147.0	151.6	152.8	162.0	162.3
G27.0	132.5	131.7	128.7	129.6	133.6	133.7	137.4	139.1	147.6	147.0
G28.0	121.4	120.1	117.7	118.1	122.0	122.5	126.2	127.0	135.7	134.8
G29.0	110.7	109.1	107.6	107.4	111.3	110.5	115.6	115.5	123.9	123.2
G30.0	100.7	99.4	97.2	97.8	100.5	101.1	104.2	105.9	111.9	111.9
G31.0	92.3	90.8	88.9	89.4	92.0	92.3	95.1	96.2	102.2	102.6
G32.0	83.3	82.1	80.7	80.7	83.5	83.7	86.4	87.2	93.0	92.6
G33.0	76.2	74.9	73.4	73.7	75.9	76.2	78.7	79.8	84.9	84.4
G34.0	69.5	68.7	67.0	67.3	69.6	69.6	71.8	73.2	77.7	77.3
G35.0	63.1	62.4	60.7	61.1	62.8	63.2	65.4	66.2	70.5	70.2
G36.0	57.8	57.2	55.8	56.0	57.3	57.9	59.8	60.6	64.4	64.0

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:

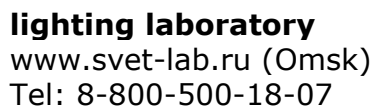
Candlepower Table (Continue 4)

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	52.8	51.7	50.9	50.8	52.3	52.4	54.6	55.0	58.3	58.7
G38.0	47.9	47.5	46.3	46.3	47.5	47.8	49.7	50.0	53.4	53.4
G39.0	43.8	43.4	42.5	42.7	43.6	43.9	45.6	46.0	49.1	49.1
G40.0	39.9	39.5	38.7	38.7	39.6	39.9	41.3	41.8	44.8	44.4
G41.0	36.6	36.3	35.3	35.5	36.2	36.5	37.9	38.4	41.0	40.7
G42.0	33.6	33.4	32.5	32.4	33.3	33.6	34.7	35.2	37.5	37.3
G43.0	30.6	30.4	29.6	29.6	30.3	30.6	31.8	31.9	34.3	34.1
G44.0	28.2	27.9	27.3	27.3	27.8	28.0	29.2	29.5	31.4	31.2
G45.0	25.8	25.5	25.0	24.9	25.6	25.6	26.8	26.9	28.8	28.9
G46.0	23.7	23.6	22.8	22.9	23.5	23.6	24.5	24.8	26.5	26.4
G47.0	22.0	21.8	21.2	21.4	21.8	21.8	22.7	22.9	24.6	24.3
G48.0	20.2	20.1	19.5	19.6	20.0	20.2	20.9	21.1	22.7	22.4
G49.0	18.7	18.7	18.1	18.3	18.5	18.8	19.5	19.6	21.1	20.9
G50.0	17.5	17.4	16.9	17.1	17.4	17.5	18.2	18.3	19.5	19.4
G51.0	16.3	16.2	15.7	15.9	16.2	16.4	16.9	16.8	18.1	18.0
G52.0	15.3	15.2	14.7	14.9	15.2	15.4	15.9	15.8	17.0	16.9
G53.0	14.4	14.3	13.8	13.9	14.3	14.3	14.8	14.8	15.8	15.8
G54.0	13.5	13.4	12.9	13.2	13.3	13.5	14.0	13.9	14.9	14.8
G55.0	12.7	12.7	12.3	12.4	12.6	12.8	13.2	13.0	14.0	13.9
G56.0	12.0	12.0	11.5	11.7	11.9	12.0	12.4	12.2	13.2	13.1
G57.0	11.4	11.3	10.9	11.1	11.3	11.3	11.8	11.6	12.5	12.4
G58.0	10.8	10.8	10.3	10.4	10.6	10.7	11.1	11.0	11.9	11.7
G59.0	10.2	10.1	9.7	9.8	10.0	10.1	10.5	10.3	11.2	11.0
G60.0	9.6	9.6	9.1	9.3	9.4	9.5	9.9	9.8	10.6	10.5
G61.0	8.9	8.9	8.5	8.7	9.0	8.9	9.3	9.2	9.9	9.8
G62.0	8.5	8.5	8.0	8.1	8.5	8.4	8.7	8.8	9.4	9.3
G63.0	8.0	7.9	7.6	7.7	8.0	7.9	8.3	8.2	8.9	8.7
G64.0	7.5	7.4	7.0	7.2	7.4	7.4	7.7	7.7	8.4	8.3
G65.0	7.1	7.0	6.5	6.7	7.0	6.9	7.3	7.2	7.8	7.7
G66.0	6.5	6.4	6.1	6.2	6.5	6.3	6.7	6.7	7.3	7.2
G67.0	6.1	6.1	5.5	5.7	6.0	5.9	6.2	6.2	6.8	6.6
G68.0	5.6	5.6	5.1	5.2	5.5	5.4	5.7	5.7	6.3	6.1
G69.0	5.1	5.1	4.6	4.7	5.0	4.9	5.2	5.2	5.8	5.6
G70.0	4.7	4.6	4.2	4.3	4.6	4.6	4.8	4.7	5.3	5.2
G71.0	4.3	4.1	3.7	3.8	4.1	4.2	4.4	4.3	4.8	4.7
G72.0	3.7	3.6	3.3	3.4	3.7	3.7	3.9	3.9	4.3	4.2
G73.0	3.3	3.3	2.8	2.9	3.3	3.2	3.5	3.4	3.9	3.9

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:

[illegible]

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 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	623.8	623.2	622.7	621.9	621.3	621.5	620.8	620.6	619.9	619.2
G1.0	622.8	622.2	621.2	620.7	619.8	619.7	618.8	619.0	618.4	618.2
G2.0	619.4	618.8	617.1	616.7	615.7	615.9	614.6	615.0	614.6	614.5
G3.0	612.0	612.0	610.3	609.7	608.1	608.4	606.8	607.5	606.5	607.1
G4.0	602.6	602.5	600.0	599.7	598.5	599.0	596.6	597.9	596.4	597.4
G5.0	590.5	590.5	587.6	587.4	586.0	587.3	583.9	585.2	583.3	584.8
G6.0	575.4	574.7	571.5	571.4	570.2	570.8	567.6	568.1	566.9	568.3
G7.0	559.6	558.7	555.2	555.3	552.9	554.4	550.8	551.8	550.1	551.9
G8.0	539.0	540.5	535.5	536.4	533.3	535.9	530.2	532.8	529.5	533.7
G9.0	519.1	519.2	514.9	515.2	512.4	514.4	509.9	511.1	508.6	511.0
G10.0	496.6	497.4	494.3	494.6	491.8	492.5	487.4	489.7	486.9	489.4
G11.0	472.8	473.4	469.4	469.7	467.7	467.8	463.2	464.8	462.5	464.0
G12.0	449.5	449.9	445.8	447.3	443.7	443.5	440.0	442.5	439.1	441.4
G13.0	427.1	427.0	422.9	423.1	419.6	420.7	417.3	418.5	415.2	419.4
G14.0	401.4	402.0	397.8	398.0	394.8	395.8	390.8	392.6	389.9	393.5
G15.0	378.7	378.6	373.9	374.5	372.3	371.9	367.7	368.6	367.0	369.2
G16.0	354.0	356.3	349.0	352.0	347.5	349.5	342.7	346.0	342.0	346.6
G17.0	331.8	331.0	327.3	327.8	324.0	324.6	320.8	321.8	318.8	322.1
G18.0	309.0	309.5	305.0	304.9	302.4	302.9	298.5	298.9	297.1	299.5
G19.0	285.0	286.2	282.0	281.6	278.5	279.7	276.0	276.0	273.9	277.2
G20.0	265.3	266.0	262.4	262.0	258.6	258.9	255.6	256.2	254.6	257.6
G21.0	245.8	246.0	242.2	242.3	239.3	240.0	236.8	236.4	235.8	238.4
G22.0	225.6	225.6	222.3	222.8	219.9	220.0	216.4	217.1	216.8	217.8
G23.0	207.1	207.2	204.7	205.8	202.1	202.6	199.4	200.3	199.5	201.0
G24.0	189.2	190.6	186.3	188.8	184.7	186.7	182.1	184.0	182.3	184.9
G25.0	174.3	172.9	171.5	172.2	169.7	169.4	166.7	168.3	167.0	169.4
G26.0	159.6	158.8	156.8	157.4	155.2	155.3	153.0	154.3	153.4	155.5
G27.0	145.2	144.6	142.8	143.1	141.1	141.1	139.1	140.3	139.8	141.6
G28.0	132.5	132.6	130.8	131.3	128.8	129.1	127.3	128.8	127.7	129.8
G29.0	121.3	121.1	118.9	119.7	118.3	117.5	116.1	117.3	116.9	119.1
G30.0	109.6	109.2	107.6	108.7	106.9	106.3	104.9	106.1	105.9	107.2
G31.0	100.3	100.0	98.6	99.3	97.3	97.1	95.6	96.8	96.7	98.1
G32.0	91.1	90.3	89.2	90.0	88.5	87.7	86.8	88.1	87.9	89.1
G33.0	83.2	83.0	81.6	82.0	80.9	80.4	79.5	80.3	80.3	81.4
G34.0	76.0	75.7	74.6	75.1	73.5	73.2	72.4	73.7	73.3	74.4
G35.0	69.1	68.7	67.7	68.1	66.6	66.7	65.7	66.6	66.4	67.5
G36.0	63.3	63.3	61.8	62.1	61.2	61.1	60.2	60.9	60.5	61.7

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 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	57.2	57.7	56.3	56.9	55.5	56.1	54.7	55.8	55.1	56.5
G38.0	52.4	52.4	51.6	51.7	50.9	50.9	50.2	50.8	50.5	51.3
G39.0	48.2	48.3	47.5	47.4	46.9	46.6	46.0	46.5	46.3	46.9
G40.0	43.8	44.0	43.2	43.2	42.7	42.5	41.9	42.3	42.2	42.7
G41.0	40.3	40.2	39.5	39.6	39.2	39.0	38.5	39.1	38.8	39.0
G42.0	37.0	37.0	36.3	36.3	35.8	35.9	35.3	35.8	35.5	36.1
G43.0	33.7	33.8	32.9	33.2	32.7	32.7	32.3	32.7	32.4	33.0
G44.0	31.0	31.1	30.4	30.5	30.1	30.2	29.9	30.1	29.8	30.2
G45.0	28.2	28.4	27.7	28.1	27.5	27.9	27.2	27.6	27.2	27.8
G46.0	26.1	26.1	25.6	25.8	25.5	25.5	25.2	25.4	25.1	25.5
G47.0	24.3	24.2	23.8	23.9	23.6	23.8	23.3	23.5	23.4	23.6
G48.0	22.3	22.4	22.0	22.2	22.0	22.0	21.7	21.7	21.6	21.9
G49.0	20.9	20.9	20.5	20.7	20.3	20.5	20.2	20.3	20.1	20.3
G50.0	19.4	19.4	19.3	19.6	19.1	19.3	19.0	19.0	18.8	19.1
G51.0	18.0	18.2	18.0	18.2	17.7	17.9	17.6	17.7	17.5	17.7
G52.0	16.9	17.0	16.9	17.0	16.7	16.9	16.6	16.7	16.5	16.7
G53.0	15.8	16.0	15.8	16.1	15.6	15.8	15.5	15.6	15.3	15.7
G54.0	14.9	15.0	15.0	15.0	14.7	14.8	14.6	14.8	14.6	14.7
G55.0	14.1	14.1	14.1	14.2	13.8	14.0	13.9	13.9	13.8	13.8
G56.0	13.3	13.4	13.3	13.3	13.1	13.2	13.1	13.1	12.9	13.1
G57.0	12.5	12.6	12.5	12.6	12.5	12.5	12.4	12.4	12.2	12.4
G58.0	11.9	11.9	11.9	12.0	11.9	11.8	11.7	11.7	11.5	11.7
G59.0	11.1	11.3	11.3	11.3	11.2	11.2	11.1	11.1	10.9	11.0
G60.0	10.6	10.7	10.6	10.7	10.6	10.6	10.4	10.5	10.3	10.4
G61.0	9.9	10.1	10.0	10.2	9.9	10.0	9.8	9.9	9.7	9.9
G62.0	9.4	9.5	9.4	9.5	9.5	9.4	9.3	9.3	9.2	9.2
G63.0	8.9	9.0	8.9	9.0	8.9	8.9	8.8	8.8	8.7	8.7
G64.0	8.3	8.4	8.3	8.4	8.3	8.3	8.2	8.3	8.1	8.2
G65.0	7.7	7.9	7.8	8.0	7.8	7.8	7.8	7.8	7.6	7.7
G66.0	7.2	7.4	7.3	7.5	7.3	7.3	7.3	7.2	7.1	7.2
G67.0	6.7	6.9	6.8	7.0	6.8	6.8	6.8	6.8	6.6	6.7
G68.0	6.3	6.4	6.4	6.5	6.3	6.3	6.3	6.3	6.1	6.2
G69.0	5.8	5.9	5.9	6.0	5.8	5.9	5.8	5.8	5.6	5.7
G70.0	5.3	5.4	5.3	5.5	5.3	5.3	5.2	5.3	5.2	5.3
G71.0	4.8	4.9	4.9	5.1	4.8	4.9	4.8	4.9	4.6	4.9
G72.0	4.4	4.5	4.5	4.6	4.4	4.4	4.4	4.4	4.2	4.4
G73.0	3.9	4.1	4.0	4.2	3.9	4.0	4.0	3.9	3.8	3.9

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 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	617.8	616.6	616.4	615.7	615.3	615.0	625.9			
G1.0	617.5	616.5	615.6	614.5	613.3	612.3	622.7			
G2.0	614.8	613.4	611.7	610.4	608.1	606.9	616.5			
G3.0	608.1	606.4	603.5	602.2	599.4	598.2	605.8			
G4.0	599.2	597.4	593.8	592.4	588.1	586.0	593.5			
G5.0	587.5	586.0	581.8	579.6	574.2	572.3	578.3			
G6.0	572.2	570.1	565.8	563.5	557.5	555.2	560.5			
G7.0	556.1	554.7	548.7	546.0	539.6	537.7	541.1			
G8.0	537.0	536.0	528.9	527.2	518.1	517.3	520.2			
G9.0	516.7	514.6	507.7	504.3	497.4	494.4	496.8			
G10.0	495.8	493.0	486.3	483.2	474.9	471.5	473.0			
G11.0	470.5	467.9	461.0	458.5	450.4	447.7	448.4			
G12.0	448.1	445.3	438.6	434.7	426.9	424.3	425.8			
G13.0	424.3	421.7	414.8	411.7	403.9	400.9	401.0			
G14.0	399.6	396.9	389.9	385.9	377.4	375.1	374.7			
G15.0	377.1	373.3	367.3	362.7	354.2	351.2	349.9			
G16.0	352.0	350.9	341.5	338.9	329.3	329.1	325.3			
G17.0	328.5	326.7	319.5	314.6	307.3	303.9	302.7			
G18.0	305.6	304.4	298.1	293.3	284.9	282.5	281.3			
G19.0	283.0	281.7	274.5	269.9	261.9	260.3	258.3			
G20.0	263.2	261.3	254.5	250.2	243.3	240.7	238.1			
G21.0	244.3	241.3	235.9	231.3	224.5	221.4	220.2			
G22.0	223.9	221.7	215.5	211.4	205.2	202.9	200.5			
G23.0	207.1	204.8	198.3	194.9	188.6	186.0	183.9			
G24.0	189.5	188.1	180.9	178.9	172.1	170.9	168.0			
G25.0	173.7	171.9	165.8	162.5	158.2	154.7	153.5			
G26.0	159.6	157.2	152.6	149.8	144.3	142.3	140.3			
G27.0	144.9	142.9	138.9	135.7	131.3	129.4	127.8			
G28.0	133.1	131.2	127.0	124.3	120.4	117.8	116.7			
G29.0	122.0	119.9	116.2	113.9	110.3	107.9	107.2			
G30.0	110.6	108.5	105.1	103.0	99.7	97.8	97.5			
G31.0	100.9	99.4	95.9	94.5	91.2	89.8	89.2			
G32.0	91.8	90.5	87.4	85.6	82.9	81.5	81.1			
G33.0	83.7	82.4	79.7	78.4	76.1	74.9	74.0			
G34.0	76.6	75.1	72.9	71.7	69.8	68.5	68.1			
G35.0	69.6	68.3	66.2	65.4	63.4	62.4	62.1			
G36.0	63.5	62.6	60.7	59.7	58.1	57.4	56.8			

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 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	57.8	57.3	55.0	54.9	52.9	52.4	52.1			
G38.0	53.2	52.2	50.4	50.0	48.6	47.7	47.3			
G39.0	48.5	47.7	46.4	46.0	44.5	43.9	43.5			
G40.0	44.1	43.5	42.2	41.8	40.4	39.9	39.4			
G41.0	40.5	39.8	38.8	38.4	37.2	36.5	36.2			
G42.0	36.9	36.6	35.6	35.2	34.0	33.4	33.3			
G43.0	33.8	33.3	32.5	32.1	31.0	30.5	30.4			
G44.0	30.8	30.6	29.8	29.4	28.5	28.1	28.0			
G45.0	28.2	28.2	27.2	27.1	26.1	25.9	25.8			
G46.0	26.0	25.9	25.1	24.8	24.0	23.7	23.8			
G47.0	24.0	23.9	23.2	23.0	22.4	21.9	22.1			
G48.0	22.3	22.1	21.4	21.2	20.5	20.3	20.4			
G49.0	20.8	20.5	20.0	19.6	19.1	18.9	19.0			
G50.0	19.6	19.3	18.6	18.4	17.8	17.6	17.8			
G51.0	18.0	17.8	17.3	17.1	16.6	16.4	16.7			
G52.0	17.0	16.6	16.3	16.0	15.5	15.3	15.6			
G53.0	15.9	15.7	15.2	15.1	14.4	14.4	14.7			
G54.0	14.9	14.6	14.4	14.1	13.7	13.5	13.8			
G55.0	14.1	13.8	13.6	13.3	12.9	12.7	13.1			
G56.0	13.3	13.0	12.7	12.5	12.0	11.9	12.3			
G57.0	12.5	12.4	12.0	11.8	11.4	11.3	11.7			
G58.0	11.9	11.7	11.4	11.3	10.8	10.7	11.1			
G59.0	11.2	11.0	10.8	10.6	10.1	10.1	10.4			
G60.0	10.6	10.4	10.2	10.0	9.6	9.5	9.9			
G61.0	10.0	9.9	9.6	9.5	9.0	8.9	9.4			
G62.0	9.4	9.2	8.9	8.9	8.6	8.4	8.8			
G63.0	8.9	8.6	8.5	8.2	8.0	7.9	8.3			
G64.0	8.3	8.2	8.0	7.7	7.4	7.4	7.6			
G65.0	7.8	7.7	7.5	7.2	6.9	6.9	7.2			
G66.0	7.3	7.2	7.0	6.7	6.5	6.4	6.8			
G67.0	6.8	6.6	6.4	6.2	6.1	5.9	6.3			
G68.0	6.3	6.1	6.1	5.7	5.6	5.4	5.8			
G69.0	5.8	5.7	5.5	5.3	5.1	5.0	5.3			
G70.0	5.3	5.2	5.1	4.8	4.7	4.5	4.8			
G71.0	4.8	4.7	4.6	4.3	4.3	4.1	4.4			
G72.0	4.4	4.2	4.1	3.9	3.8	3.6	4.0			
G73.0	4.0	3.9	3.7	3.4	3.4	3.2	3.5			

C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:

