



Report No.:

Test Time: 2021-04-09 13:57

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: RAD-S-CIS-9.3000.24.-.10

Luminous Length (mm): -80

Luminous Width (mm): -80

Luminous Height (mm): 72,7

Voltage: 24.0 V

Current: 0.352 A

Power: 8.44 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 682.7 lm

Downward Ratio: 100%

Total Rated Lamp Lumens: 682.7 lm

Efficiency: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 24.3, 24.5, 24.4, 24.4

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 11.9, 11.8, 11.8, 11.7

Luminaire Efficacy Rating (LER): 80.94

Central Intensity: 9380.81 cd

Max. Intensity: 9391.05 cd

Pos of Max. Intensity: H190 V1

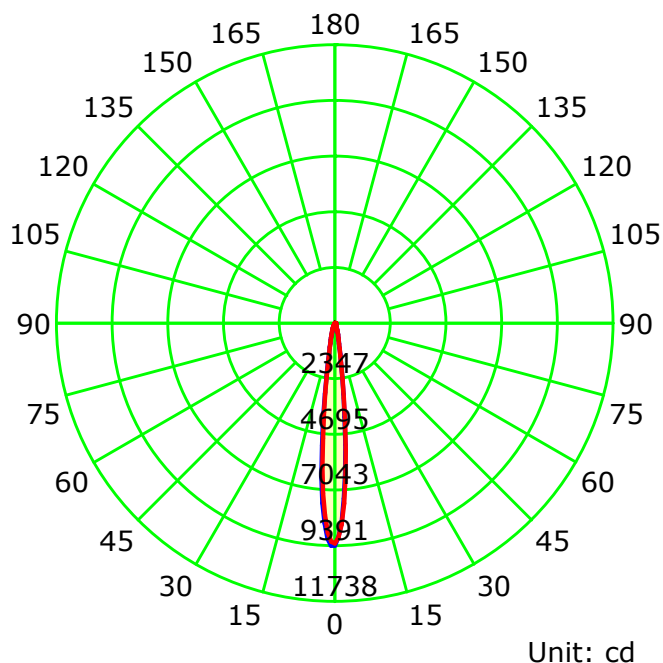
S/MH(C0/C180): 0.21

S/MH(C90/C270): 0.20

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

— 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

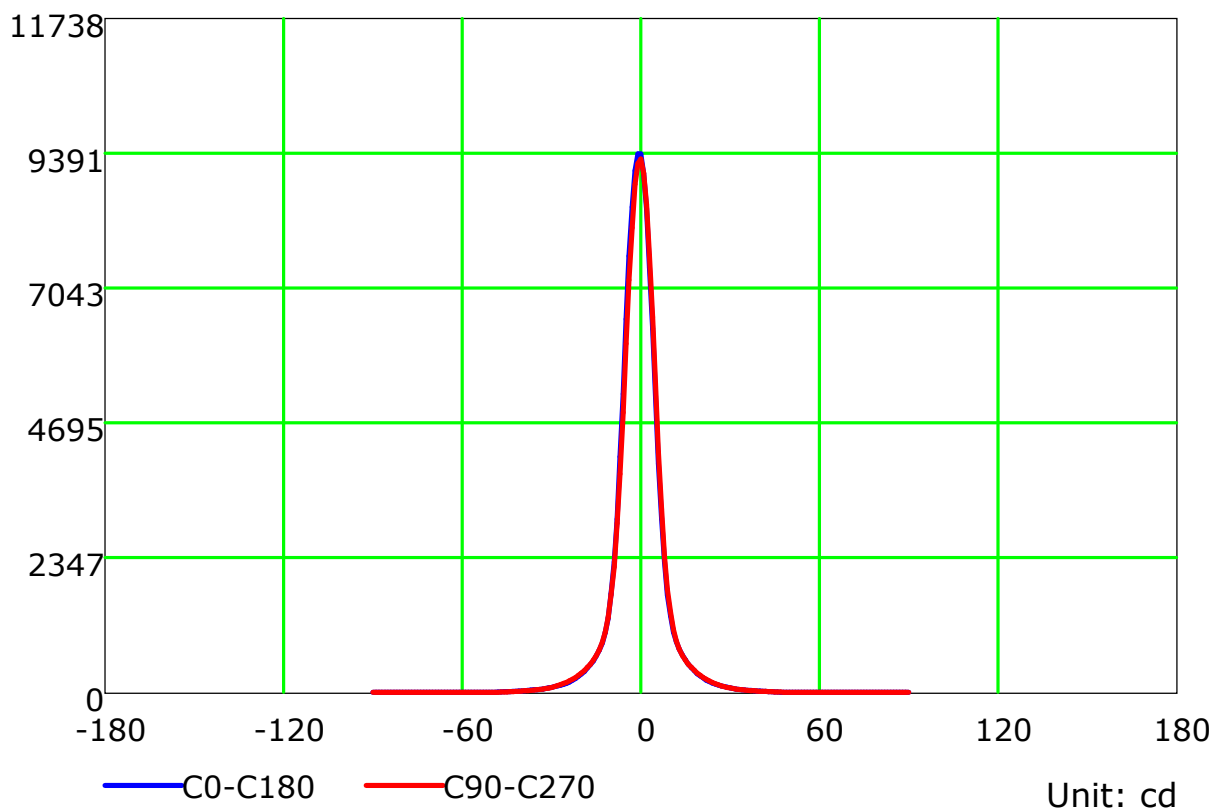
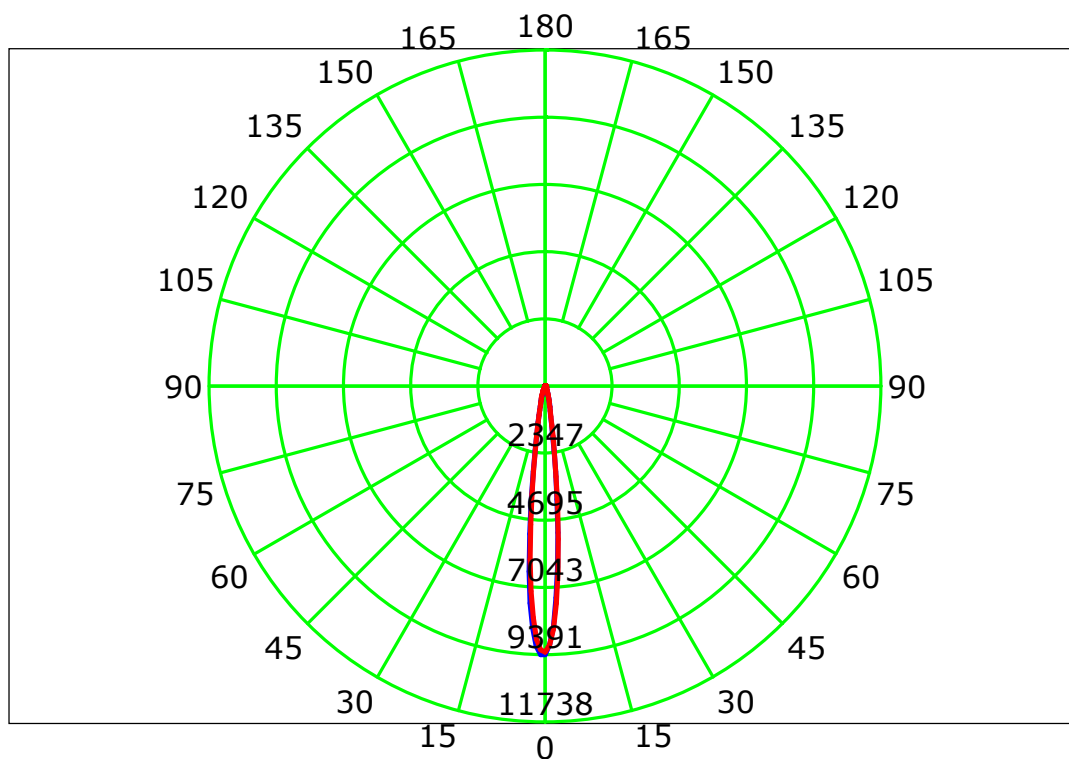
Test Device: LSG-1700B

Distance: 9.600 m

Humidity:

Inspector:

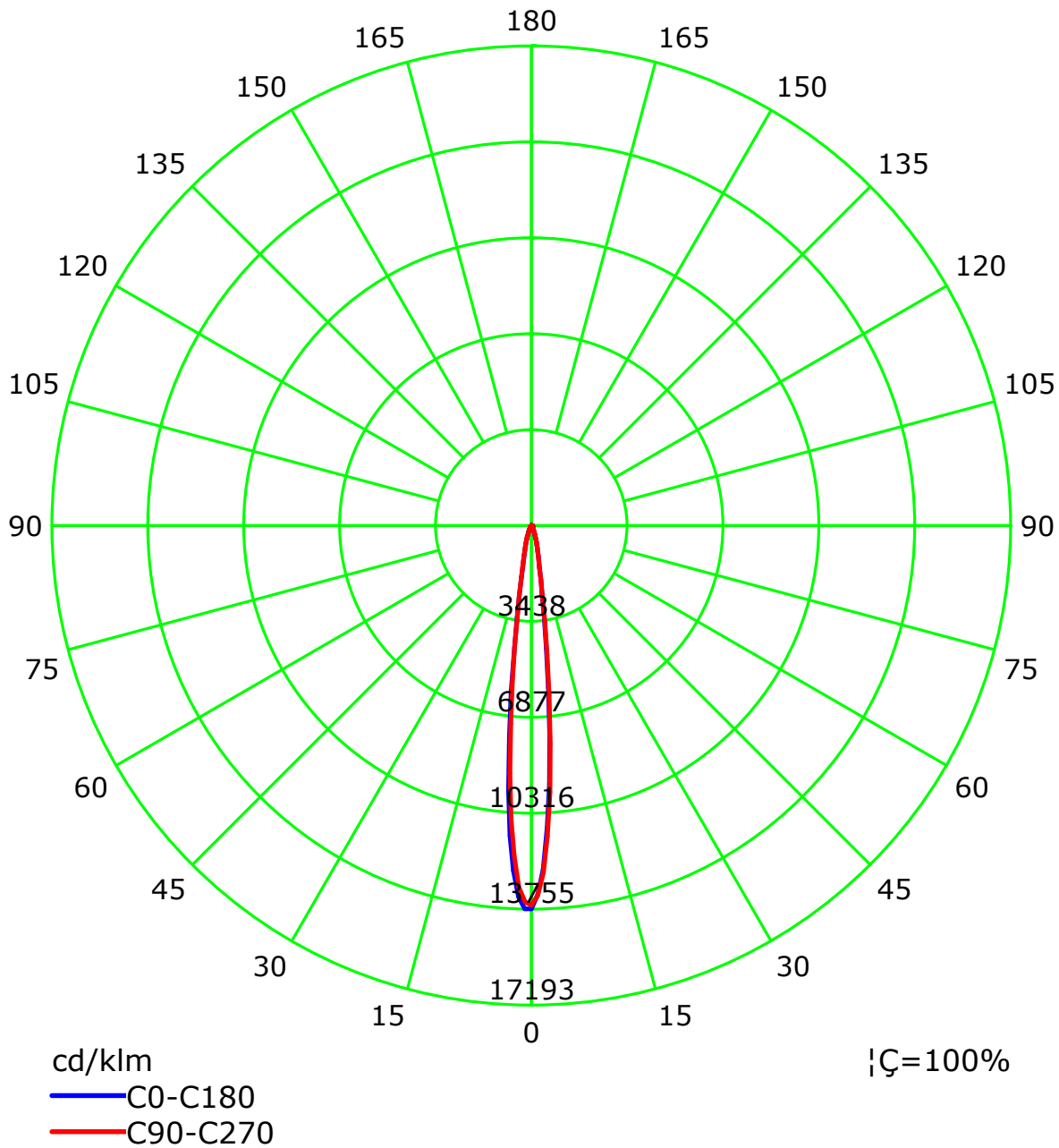
Luminous Intensity Distribution Curve



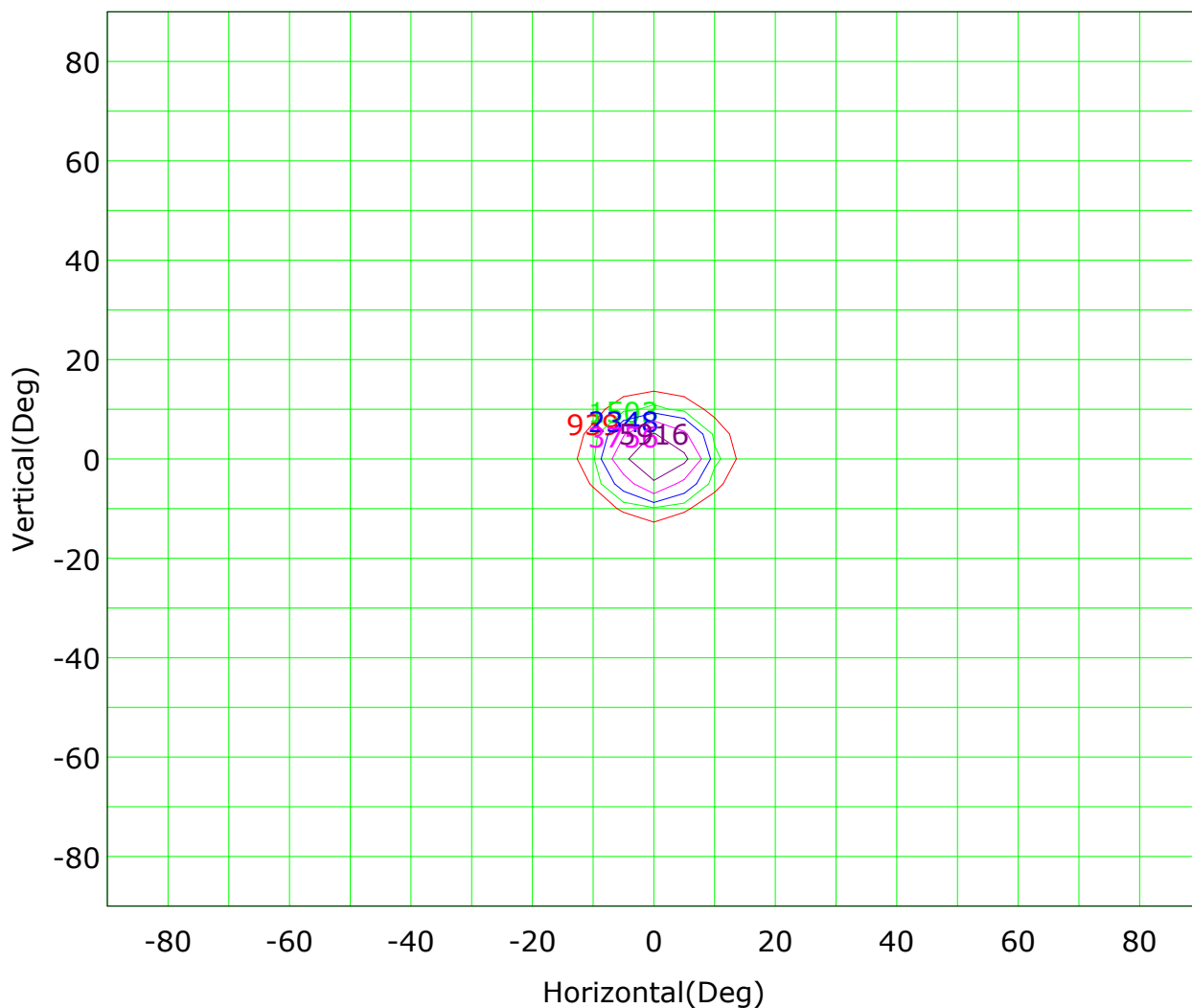
C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

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

Luminous Intensity Distribution Curve(cd/klm)



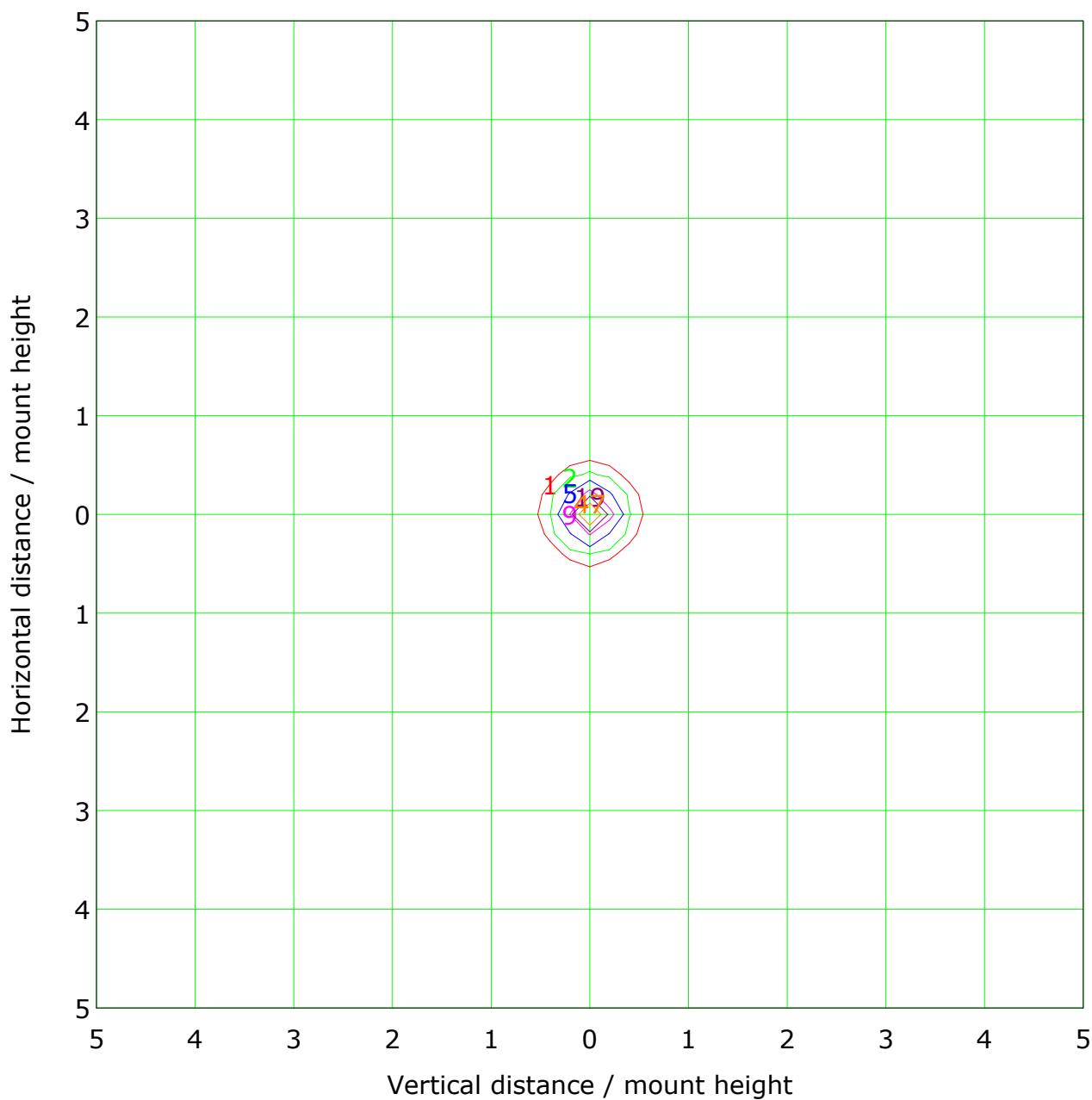
Isocandela (rectangle)



Imax (100%): 9391 cd

(10%): 939 cd	(16%): 1503 cd
(25%): 2348 cd	(40%): 3756 cd
(63%): 5916 cd	(100%): 9391 cd

IsoLux Plot



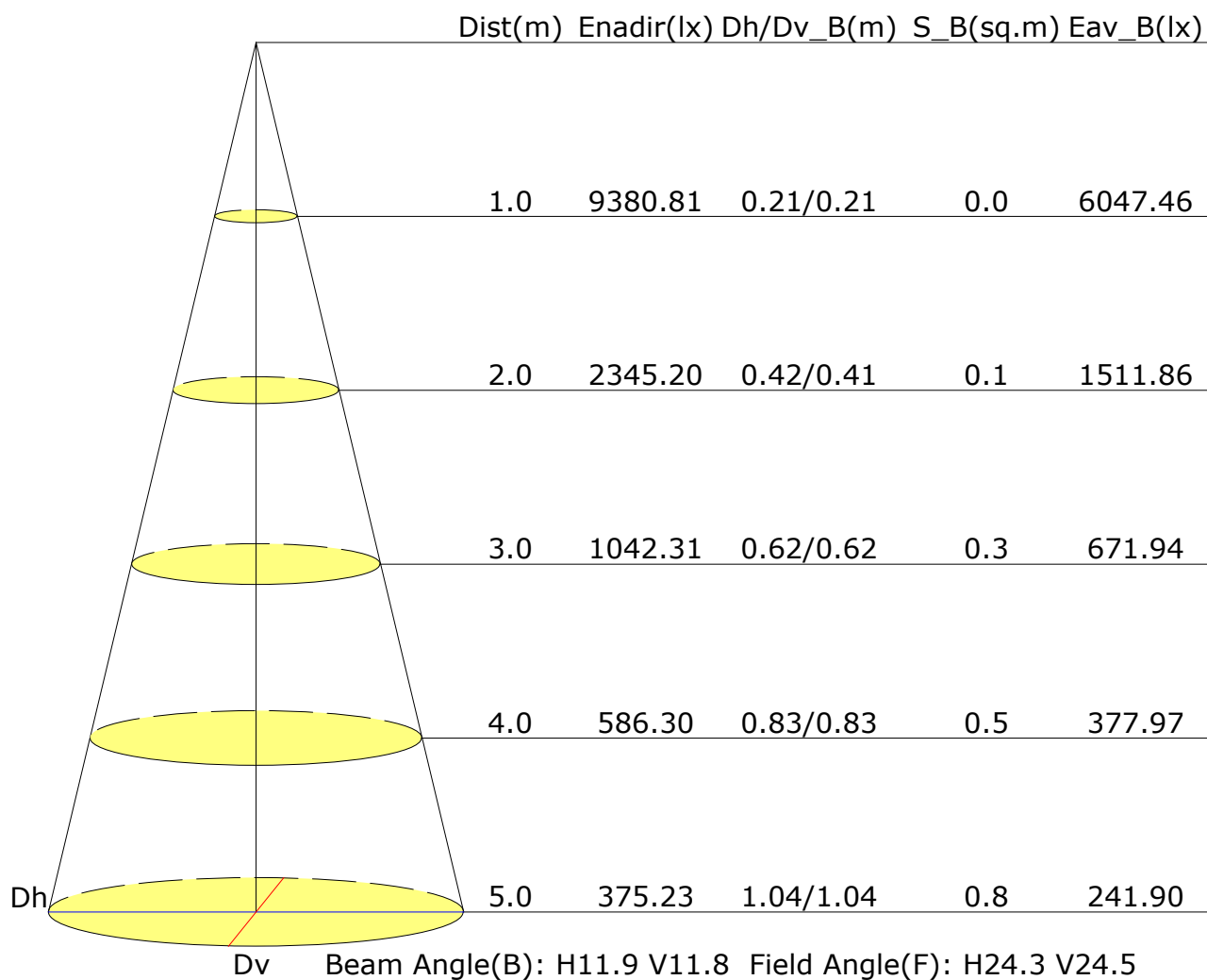
Mounting Height: 10.0m Max Lux(100%): 93.9 lx

(1%): 0.9 lx	(2%): 1.9 lx
(5%): 4.7 lx	(10%): 9.4 lx
(20%): 18.8 lx	(50%): 46.9 lx
(100%): 93.9 lx	

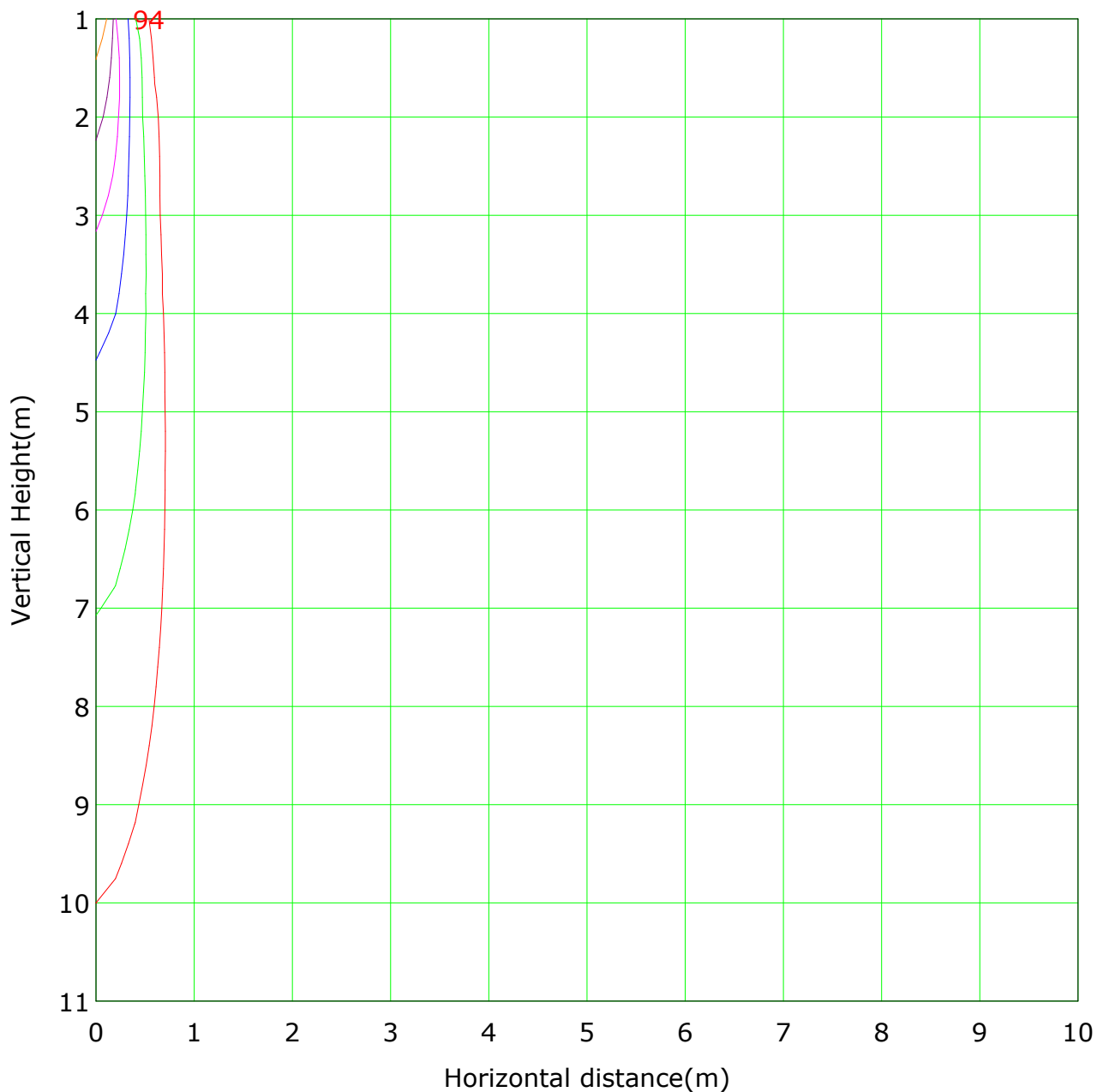
C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

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

Illuminance at a Distance

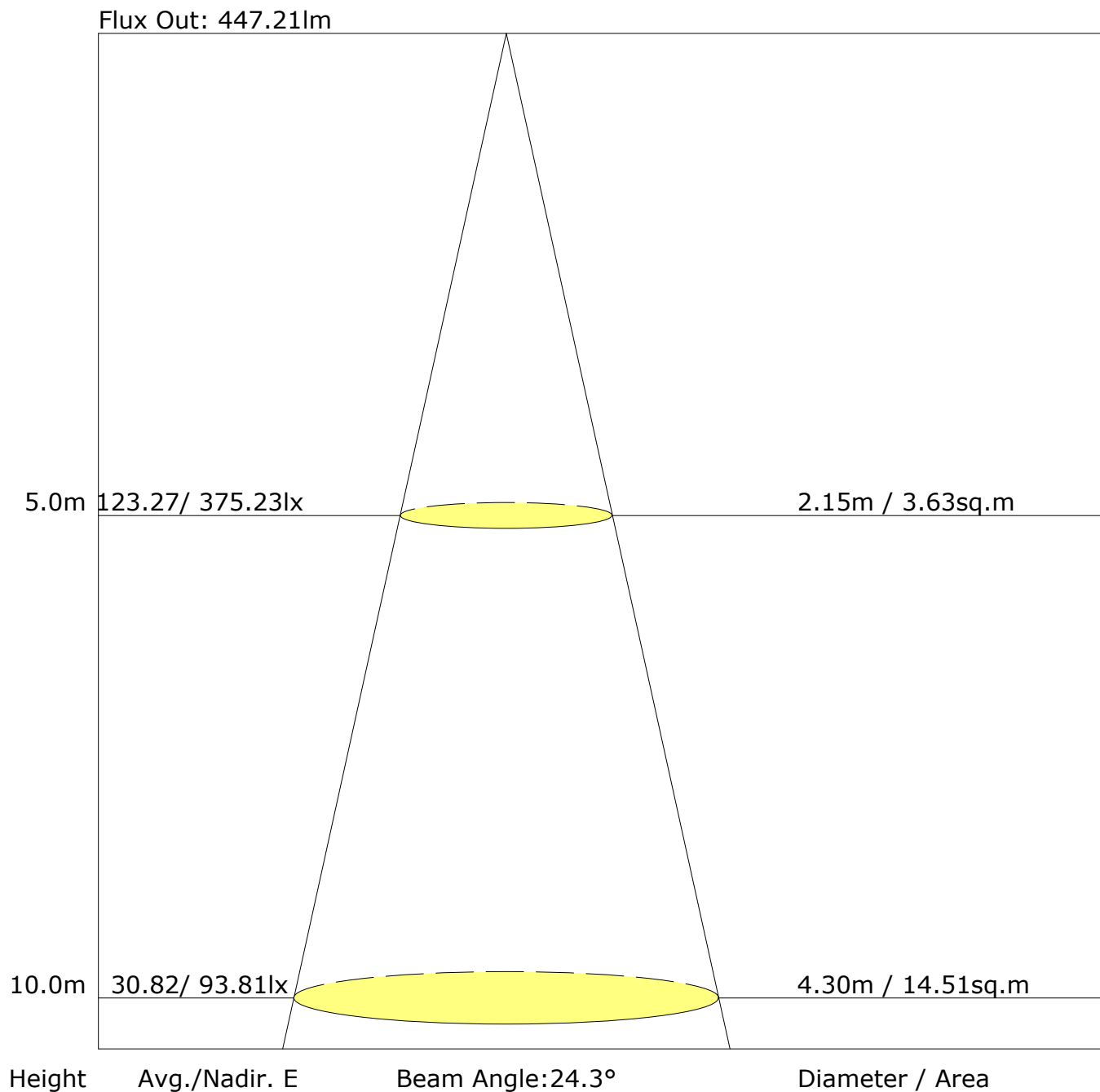


Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 9380.8 lx
 (1%): 93.8 lx (2%): 187.6 lx
 (5%): 469.0 lx (10%): 938.1 lx
 (20%): 1876.2 lx (50%): 4690.4 lx
 (100%): 9380.8 lx

The Average Illuminance Effective Figure

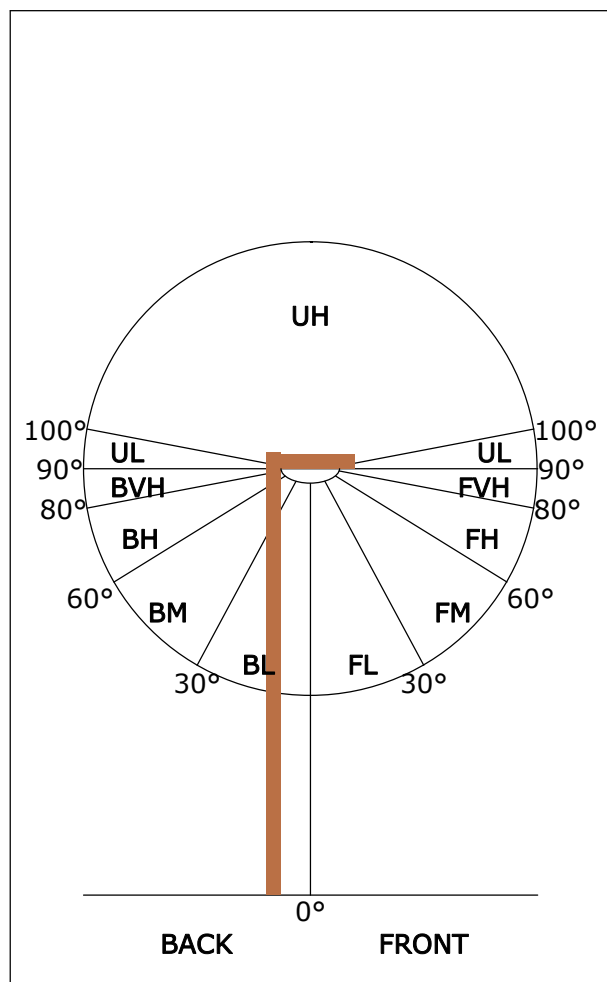


UGR Table

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	5.5	6.0	5.7	6.2	6.4	7.2	7.7	7.4	7.9	8.0
3H	5.3	5.8	5.6	6.0	6.3	7.0	7.5	7.3	7.7	7.9
4H	5.3	5.7	5.6	6.0	6.2	6.9	7.4	7.2	7.6	7.9
6H	5.2	5.6	5.5	5.9	6.2	6.9	7.3	7.2	7.6	7.8
8H	5.2	5.6	5.5	5.8	6.1	6.8	7.2	7.2	7.5	7.8
12H	5.1	5.5	5.5	5.8	6.1	6.8	7.2	7.1	7.5	7.8
X=4H Y=2H	5.3	5.7	5.6	6.0	6.2	6.9	7.4	7.2	7.6	7.9
3H	5.1	5.5	5.5	5.8	6.1	6.8	7.2	7.1	7.5	7.8
4H	5.0	5.4	5.4	5.7	6.0	6.7	7.1	7.1	7.4	7.7
6H	4.9	5.2	5.3	5.6	6.0	6.6	6.9	7.0	7.3	7.7
8H	4.9	5.2	5.3	5.6	6.0	6.6	6.9	7.0	7.2	7.6
12H	4.8	5.1	5.3	5.5	5.9	6.5	6.8	6.9	7.2	7.6
X=8H Y=4H	4.9	5.2	5.3	5.6	6.0	6.6	6.9	7.0	7.2	7.6
6H	4.8	5.0	5.2	5.4	5.9	6.5	6.7	6.9	7.1	7.6
8H	4.7	4.9	5.2	5.4	5.8	6.4	6.6	6.9	7.1	7.5
12H	4.7	4.8	5.2	5.3	5.8	6.4	6.5	6.8	7.0	7.5
X=12H Y=4H	4.8	5.1	5.3	5.5	5.9	6.5	6.8	6.9	7.2	7.6
6H	4.7	4.9	5.2	5.4	5.8	6.4	6.6	6.9	7.1	7.5
8H	4.7	4.8	5.2	5.3	5.8	6.4	6.5	6.8	7.0	7.5
Variations with the observer position at spacings:										
S=1.0H	+11.3/-1.\$					+11.1/-1.\$				
S=1.5H	+13.9/-1.\$					+14.1/-1.\$				
S=2.0H	+15.9/-1.\$					+16.1/-1.\$				

Calculate in accordance with CIE Pub.117. The table is revised with 683lm ($8\log(F/F_0) = -1.3$).

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



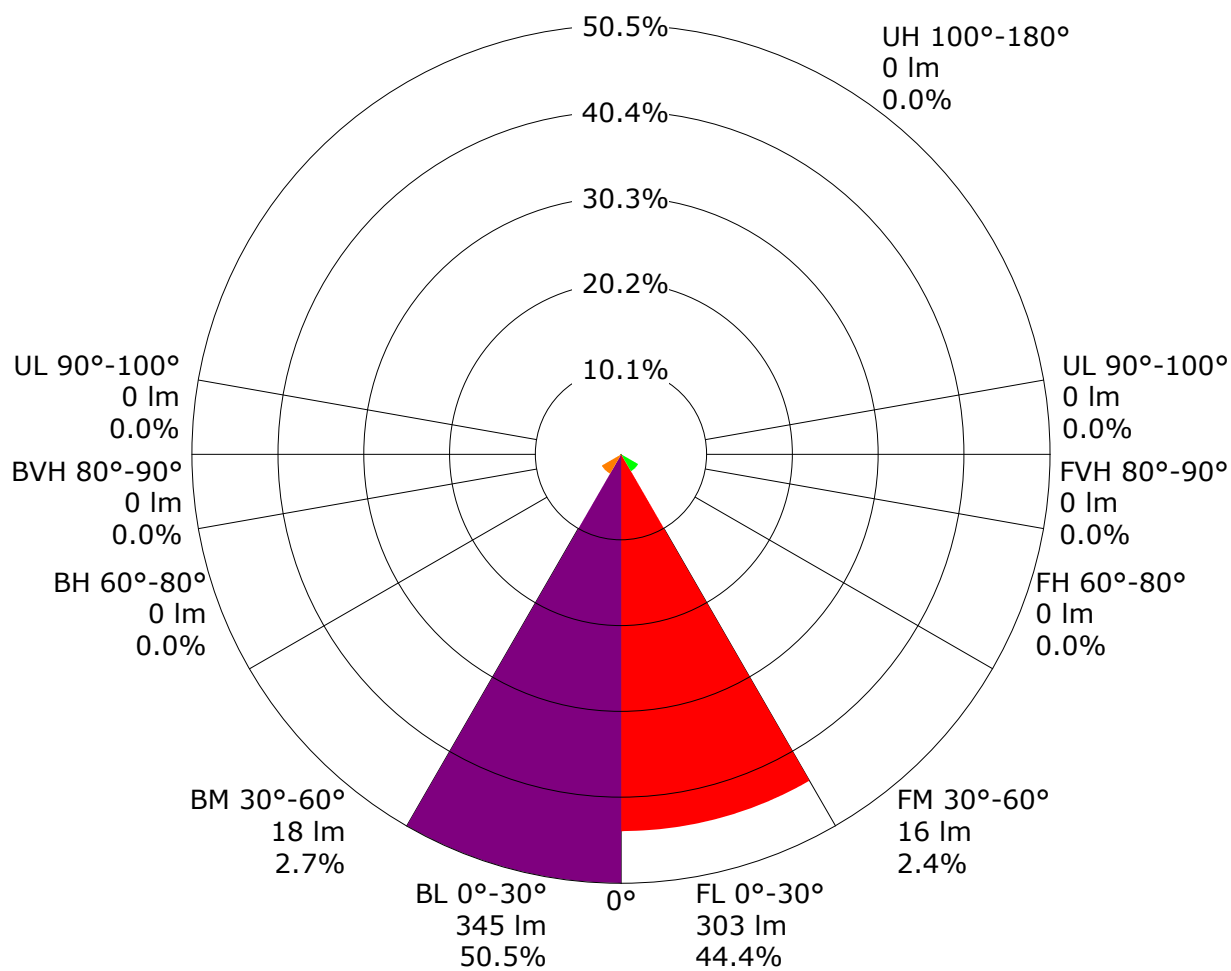
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	320	46.8
FL (0°-30°)	303	44.4
FM (30°-60°)	16	2.4
FH (60°-80°)	0	0.0
FVH (80°-90°)	0	0.0
BACK LIGHT	363	53.2
BL (0°-30°)	345	50.5
BM (30°-60°)	18	2.7
BH (60°-80°)	0	0.0
BVH (80°-90°)	0	0.0
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	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	9195.8	8.8	8.8	1.29	1.29
1.0-2.0	8887.4	25.5	34.3	3.74	5.03
2.0-3.0	8247.1	39.4	73.8	5.78	10.80
3.0-4.0	7343.4	49.2	122.9	7.20	18.00
4.0-5.0	6293.2	54.1	177.1	7.93	25.94
5.0-6.0	5124.6	53.9	230.9	7.89	33.82
6.0-7.0	4011.0	49.8	280.7	7.29	41.12
7.0-8.0	3073.9	44.0	324.7	6.44	47.56
8.0-9.0	2310.9	37.5	362.2	5.49	53.05
9.0-10.0	1753.0	31.7	393.9	4.65	57.70
10.0-11.0	1352.7	27.0	420.9	3.96	61.66
11.0-12.0	1072.1	23.4	444.4	3.43	65.09
12.0-13.0	886.6	21.0	465.4	3.08	68.17
13.0-14.0	748.7	19.2	484.6	2.81	70.98
14.0-15.0	643.4	17.7	502.3	2.59	73.57
15.0-16.0	560.0	16.4	518.7	2.40	75.97
16.0-17.0	488.9	15.2	533.9	2.23	78.20
17.0-18.0	429.8	14.2	548.1	2.08	80.28
18.0-19.0	376.5	13.1	561.2	1.92	82.19
19.0-20.0	329.0	12.0	573.2	1.76	83.96
20.0-21.0	288.4	11.1	584.3	1.62	85.58
21.0-22.0	251.2	10.1	594.4	1.48	87.06
22.0-23.0	218.6	9.2	603.6	1.34	88.40
23.0-24.0	190.2	8.3	611.9	1.22	89.62
24.0-25.0	165.4	7.5	619.4	1.10	90.72
25.0-26.0	145.1	6.9	626.2	1.00	91.73
26.0-27.0	127.3	6.2	632.5	0.91	92.64
27.0-28.0	112.0	5.7	638.1	0.83	93.47
28.0-29.0	99.1	5.2	643.3	0.76	94.23
29.0-30.0	87.2	4.7	648.0	0.69	94.92
30.0-31.0	76.7	4.3	652.3	0.63	95.54
31.0-32.0	67.3	3.9	656.2	0.56	96.11
32.0-33.0	58.8	3.5	659.6	0.51	96.62
33.0-34.0	51.7	3.1	662.8	0.46	97.07
34.0-35.0	45.1	2.8	665.6	0.41	97.48
35.0-36.0	39.3	2.5	668.1	0.37	97.85

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

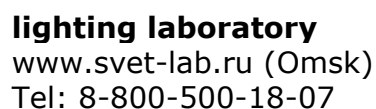
Gamma Plane (°):0.0-90.0:1.0
Test Device: LSG-1700B
Distance: 9.600 m
Humidity:
Inspector:

Zonal Lumen (Continue 1)

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Zonal Flux [lm]	Rel Zonal Flux [%]	Sum Rel Zonal Flux [%]
36.0-37.0	34.4	2.2	670.3	0.33	98.18
37.0-38.0	29.9	2.0	672.3	0.29	98.47
38.0-39.0	26.0	1.8	674.1	0.26	98.73
39.0-40.0	22.5	1.6	675.6	0.23	98.96
40.0-41.0	19.2	1.4	677.0	0.20	99.16
41.0-42.0	16.5	1.2	678.2	0.18	99.34
42.0-43.0	13.9	1.0	679.2	0.15	99.49
43.0-44.0	11.6	0.9	680.1	0.13	99.62
44.0-45.0	9.5	0.7	680.8	0.11	99.72
45.0-46.0	7.6	0.6	681.4	0.09	99.81
46.0-47.0	5.9	0.5	681.9	0.07	99.88
47.0-48.0	4.3	0.3	682.3	0.05	99.93
48.0-49.0	2.8	0.2	682.5	0.03	99.97
49.0-50.0	1.7	0.1	682.6	0.02	99.99
50.0-51.0	0.8	0.1	682.7	0.01	100.00
51.0-52.0	0.2	0.0	682.7	0.00	100.00
52.0-53.0	0.0	0.0	682.7	0.00	100.00
53.0-54.0	0.0	0.0	682.7	0.00	100.00
54.0-55.0	0.0	0.0	682.7	0.00	100.00
55.0-56.0	0.0	0.0	682.7	0.00	100.00
56.0-57.0	0.0	0.0	682.7	0.00	100.00
57.0-58.0	0.0	0.0	682.7	0.00	100.00
58.0-59.0	0.0	0.0	682.7	0.00	100.00
59.0-60.0	0.0	0.0	682.7	0.00	100.00
60.0-61.0	0.0	0.0	682.7	0.00	100.00
61.0-62.0	0.0	0.0	682.7	0.00	100.00
62.0-63.0	0.0	0.0	682.7	0.00	100.00
63.0-64.0	0.0	0.0	682.7	0.00	100.00
64.0-65.0	0.0	0.0	682.7	0.00	100.00
65.0-66.0	0.0	0.0	682.7	0.00	100.00
66.0-67.0	0.0	0.0	682.7	0.00	100.00
67.0-68.0	0.0	0.0	682.7	0.00	100.00
68.0-69.0	0.0	0.0	682.7	0.00	100.00
69.0-70.0	0.0	0.0	682.7	0.00	100.00
70.0-71.0	0.0	0.0	682.7	0.00	100.00
71.0-72.0	0.0	0.0	682.7	0.00	100.00

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:
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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	9380.8	9333.1	9362.4	9313.6	9342.3	9305.1	9324.9	9293.2	9308.5	9290.8
G1.0	9035.1	8982.2	8996.9	8959.7	9010.9	8974.4	9011.9	8983.2	9052.1	9050.4
G2.0	8425.1	8308.5	8367.4	8282.2	8370.8	8317.0	8426.1	8393.7	8491.2	8500.1
G3.0	7409.0	7261.0	7331.6	7281.5	7342.5	7332.9	7432.2	7399.8	7580.1	7608.1
G4.0	6335.3	6173.3	6243.9	6136.5	6252.4	6198.2	6359.5	6338.7	6544.3	6537.8
G5.0	5150.4	4993.2	5106.7	4950.6	5058.3	5010.6	5171.2	5163.0	5369.6	5373.4
G6.0	3982.6	3842.1	3897.0	3806.9	3898.3	3853.0	3999.6	3947.4	4183.7	4184.4
G7.0	3027.8	2910.2	2963.7	2882.9	2996.8	2917.7	3043.9	3038.1	3199.3	3192.5
G8.0	2276.0	2153.6	2254.2	2132.4	2250.1	2162.4	2321.3	2253.8	2410.3	2371.5
G9.0	1698.0	1645.9	1657.5	1629.5	1659.8	1659.5	1714.4	1703.5	1799.3	1791.5
G10.0	1333.9	1280.3	1299.8	1267.1	1304.2	1291.3	1342.1	1334.2	1387.4	1398.3
G11.0	1052.6	1024.3	1037.6	1011.0	1036.2	1029.1	1052.9	1046.8	1090.4	1095.2
G12.0	884.5	856.5	860.3	843.9	860.6	858.6	880.4	874.9	902.5	897.1
G13.0	757.0	732.8	734.5	721.2	738.5	733.1	749.5	742.6	761.0	755.6
G14.0	652.3	628.8	633.5	621.3	630.5	631.5	643.1	638.0	648.5	646.5
G15.0	569.1	552.4	554.1	543.5	552.7	550.7	560.9	555.8	566.0	563.6
G16.0	494.1	480.1	483.5	475.0	479.4	477.7	485.5	482.1	490.3	493.0
G17.0	431.7	420.1	426.6	421.1	421.8	419.4	424.9	422.5	434.1	437.8
G18.0	380.2	370.0	375.1	370.0	371.0	367.6	373.7	373.4	386.0	387.7
G19.0	328.7	321.9	326.0	321.9	322.9	315.4	322.2	325.0	336.5	339.6
G20.0	286.8	279.9	285.4	280.3	282.0	276.5	281.3	283.7	297.3	298.7
G21.0	251.0	242.4	249.6	242.1	245.8	237.7	245.8	246.2	261.9	260.8
G22.0	216.5	211.1	215.8	210.0	212.1	207.6	210.4	213.8	226.8	228.8
G23.0	190.3	184.8	187.2	183.1	183.8	180.7	184.1	185.8	199.5	202.2
G24.0	165.0	158.9	162.3	156.5	158.2	156.2	159.2	161.3	173.2	174.6
G25.0	146.6	142.2	141.5	136.7	137.4	138.4	141.8	141.2	153.4	153.4
G26.0	130.9	125.5	124.4	119.3	121.7	122.1	126.8	125.8	135.4	135.0
G27.0	115.3	110.5	107.1	103.0	106.4	108.1	111.5	110.8	119.0	116.6
G28.0	101.9	98.5	95.1	91.7	95.1	96.2	98.9	98.5	105.0	103.3
G29.0	90.0	86.3	83.5	79.4	84.9	84.2	87.3	87.6	92.7	89.0
G30.0	78.8	76.4	73.7	70.6	74.0	75.3	76.7	76.4	80.5	78.8
G31.0	69.2	66.5	64.4	61.7	65.5	65.5	67.2	67.5	70.9	69.6
G32.0	60.3	58.3	56.3	54.9	56.6	56.9	58.7	58.3	61.7	60.3
G33.0	52.8	50.5	49.8	48.1	49.1	48.8	50.8	50.1	54.2	52.8
G34.0	47.0	44.7	44.0	42.3	42.3	42.6	44.7	43.6	47.4	47.4
G35.0	41.3	37.8	38.5	36.5	35.8	36.5	38.5	36.5	40.2	42.3
G36.0	37.2	32.7	34.1	32.4	31.4	31.7	33.4	31.7	36.1	37.5

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:

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	33.8	29.3	29.3	27.3	27.6	27.6	29.3	26.9	31.7	33.1
G38.0	29.7	25.9	25.6	23.9	22.9	24.2	25.2	22.9	27.3	29.0
G39.0	26.9	24.9	22.2	21.5	19.1	21.1	21.1	19.4	23.9	25.9
G40.0	24.2	21.8	19.4	17.7	16.7	16.7	18.4	16.0	20.8	22.2
G41.0	21.5	18.1	16.0	14.7	13.6	14.0	15.3	13.6	17.4	19.8
G42.0	17.4	14.7	14.3	12.6	11.3	12.3	13.0	11.9	15.3	17.0
G43.0	14.0	11.6	12.6	9.9	8.9	9.9	11.3	9.2	13.6	14.0
G44.0	11.6	10.2	9.9	8.2	6.8	7.8	8.9	7.5	11.6	11.6
G45.0	9.6	7.2	7.8	6.8	4.8	6.5	6.8	5.1	9.9	9.9
G46.0	7.2	5.8	5.8	4.4	3.4	4.8	4.8	4.1	7.2	7.5
G47.0	5.5	4.1	4.4	2.4	2.0	3.4	3.8	2.4	5.5	6.1
G48.0	3.8	2.7	3.4	1.0	0.7	2.0	2.7	0.3	3.4	4.1
G49.0	3.1	1.0	1.7	0.0	0.0	0.7	1.4	0.0	2.4	3.1
G50.0	2.0	0.7	0.3	0.0	0.0	0.0	0.7	0.0	1.4	1.7
G51.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
G52.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G53.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G57.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G58.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G59.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G61.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G62.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G63.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G64.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G66.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G68.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G69.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G71.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G72.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G73.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 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	9292.8	9241.7	9204.5	9188.8	9194.0	9192.6	9185.4	9210.3	9380.8	9333.1
G1.0	9078.4	8978.8	8932.8	8938.2	9018.0	9044.3	9113.5	9154.1	9385.2	9391.0
G2.0	8581.6	8399.8	8347.3	8408.0	8558.4	8586.7	8750.0	8795.0	9090.6	9144.5
G3.0	7680.0	7445.1	7433.9	7489.1	7699.8	7791.5	8029.9	8095.0	8455.8	8514.4
G4.0	6670.1	6417.1	6358.4	6432.8	6724.6	6789.8	7073.8	7159.0	7606.4	7684.8
G5.0	5563.3	5258.1	5254.7	5335.2	5579.0	5700.0	5947.6	6043.0	6506.8	6652.4
G6.0	4313.0	4036.1	4036.1	4106.3	4383.9	4443.5	4732.0	4820.7	5201.5	5358.0
G7.0	3304.4	3104.9	3106.6	3157.7	3353.1	3449.9	3703.6	3729.2	4106.0	4255.0
G8.0	2519.4	2267.8	2359.2	2295.4	2544.7	2512.6	2790.9	2766.3	3020.0	3233.4
G9.0	1854.5	1732.5	1729.1	1742.4	1851.1	1898.5	2025.4	2082.3	2274.6	2380.7
G10.0	1442.3	1348.9	1329.8	1334.6	1426.3	1438.6	1544.3	1562.3	1722.6	1779.5
G11.0	1123.2	1061.4	1046.4	1048.8	1096.2	1114.3	1179.4	1195.8	1293.3	1344.4
G12.0	914.5	872.5	863.3	864.4	901.5	904.3	948.9	963.2	1043.4	1078.2
G13.0	774.7	740.3	738.5	735.5	758.3	764.8	797.9	812.2	863.0	886.5
G14.0	656.7	631.1	634.2	631.5	649.2	648.5	673.4	685.3	731.0	740.6
G15.0	575.6	552.4	552.7	552.7	564.0	567.4	589.9	599.8	636.9	643.4
G16.0	498.2	480.4	477.4	476.3	491.3	492.4	509.8	516.6	548.6	564.0
G17.0	441.9	420.8	419.7	418.7	431.3	437.1	452.5	455.9	482.1	490.3
G18.0	392.8	371.7	366.5	366.2	382.6	386.7	399.3	400.0	425.2	431.7
G19.0	341.6	321.9	317.8	318.8	334.8	338.9	350.2	350.2	366.5	374.7
G20.0	300.7	283.7	278.9	281.0	293.9	298.0	307.6	306.5	322.2	328.4
G21.0	265.3	245.2	241.8	241.1	258.1	259.1	271.4	267.3	280.3	288.8
G22.0	230.5	213.4	209.0	210.0	221.6	227.1	234.6	233.2	242.8	250.3
G23.0	201.2	185.5	181.7	184.1	193.0	198.1	204.9	205.6	213.1	217.9
G24.0	173.6	160.6	157.9	159.6	166.7	169.1	177.0	178.3	183.4	190.6
G25.0	152.1	140.8	140.1	139.8	146.3	147.3	153.4	155.1	161.6	165.0
G26.0	134.0	125.8	125.1	124.4	127.9	129.2	134.7	136.1	143.9	144.2
G27.0	116.9	111.8	110.5	109.8	112.2	111.5	115.9	120.0	125.5	126.2
G28.0	104.7	99.2	98.5	97.9	99.2	98.2	102.3	107.4	114.6	110.8
G29.0	92.4	87.6	86.6	86.3	88.3	84.9	90.4	94.8	100.9	99.2
G30.0	81.2	77.7	75.0	76.7	78.4	75.0	79.8	84.9	88.3	86.6
G31.0	71.6	68.2	66.2	66.8	69.6	66.2	70.9	74.3	79.1	77.4
G32.0	61.7	58.7	56.9	57.6	59.7	58.7	62.1	65.1	68.9	67.2
G33.0	53.9	51.2	49.8	50.5	52.8	52.2	55.2	57.6	61.0	59.7
G34.0	46.7	43.6	43.6	43.6	45.7	46.4	47.0	50.5	54.9	52.2
G35.0	40.6	37.2	36.8	36.8	40.6	39.9	41.6	44.3	49.8	45.3
G36.0	35.1	32.4	32.4	32.4	35.1	34.8	36.5	40.6	45.0	39.9

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 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	31.7	27.3	28.0	27.3	30.7	29.7	31.0	35.8	40.6	34.8
G38.0	27.3	23.9	23.2	22.9	26.3	26.3	26.3	32.0	36.5	29.7
G39.0	23.9	20.8	19.8	19.8	22.5	22.5	22.5	28.3	32.0	25.6
G40.0	20.1	16.7	16.4	16.7	19.8	19.8	19.1	24.2	26.6	22.5
G41.0	17.0	14.7	14.3	14.3	17.4	17.0	16.4	21.5	22.5	19.4
G42.0	15.3	13.0	12.3	11.9	14.7	13.6	13.3	18.4	20.1	16.7
G43.0	11.9	10.6	10.6	10.2	13.3	12.3	10.2	16.0	17.0	14.7
G44.0	9.9	9.2	8.2	8.2	10.9	9.9	8.5	13.3	15.0	11.9
G45.0	7.8	7.5	6.8	6.8	9.6	8.2	6.8	12.3	13.6	9.6
G46.0	6.5	6.8	5.5	5.1	7.8	6.1	4.8	8.9	12.6	7.8
G47.0	4.4	5.5	4.1	3.8	6.1	3.8	3.4	6.8	10.6	5.8
G48.0	3.4	4.1	2.4	2.0	4.4	3.1	1.7	4.4	7.5	4.4
G49.0	2.4	2.4	2.4	1.0	3.4	1.7	0.7	3.4	4.8	3.1
G50.0	0.7	1.4	0.0	0.0	1.7	0.7	0.0	2.0	3.4	1.7
G51.0	0.3	0.0	0.0	0.0	1.4	0.0	0.0	0.7	2.0	0.3
G52.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0
G53.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0
G54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G57.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G58.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G59.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G61.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G62.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G63.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G64.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G66.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G68.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G69.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G71.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G72.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G73.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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 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	9362.4	9313.6	9342.3	9305.1	9324.9	9293.2	9308.5	9290.8	9292.8	9241.7
G1.0	9381.2	9372.6	9348.1	9337.8	9297.3	9288.4	9232.8	9217.1	9182.7	9209.6
G2.0	9102.6	9128.2	9063.0	9070.2	8976.4	8968.9	8879.9	8850.9	8766.0	8861.5
G3.0	8484.7	8504.8	8437.3	8423.0	8321.4	8311.5	8141.4	8095.7	8011.1	8167.3
G4.0	7602.3	7676.0	7550.1	7579.8	7404.9	7405.9	7242.6	7185.0	7036.0	7231.7
G5.0	6559.6	6592.7	6500.3	6488.4	6352.6	6360.5	6131.4	6078.5	5970.4	6187.6
G6.0	5251.3	5352.2	5202.5	5255.7	5066.8	5089.3	4911.0	4875.5	4719.0	4944.1
G7.0	4152.7	4200.1	4111.8	4124.4	4002.0	4029.6	3826.7	3804.2	3719.3	3922.9
G8.0	3076.6	3245.4	3090.9	3191.5	3016.9	3083.8	2888.4	2948.0	2772.8	3009.4
G9.0	2337.7	2407.3	2327.8	2375.9	2283.8	2311.8	2201.0	2188.4	2133.1	2256.9
G10.0	1779.5	1812.9	1781.6	1799.7	1761.1	1765.2	1710.3	1697.4	1634.6	1721.9
G11.0	1334.9	1374.1	1345.1	1372.1	1335.6	1354.7	1318.5	1309.7	1269.4	1327.1
G12.0	1060.8	1099.3	1073.0	1092.1	1080.2	1090.8	1055.3	1050.2	1038.6	1080.5
G13.0	881.1	899.8	892.0	908.0	892.3	898.1	880.7	878.0	864.7	896.4
G14.0	739.9	754.2	750.5	758.3	753.2	754.2	737.5	737.2	728.7	760.0
G15.0	638.3	650.9	647.2	660.1	648.5	650.9	641.4	641.4	636.3	660.1
G16.0	552.7	569.4	560.6	578.6	562.6	569.8	553.1	563.3	551.7	580.0
G17.0	486.2	493.4	492.0	500.2	494.1	496.5	489.0	489.6	486.2	502.9
G18.0	428.9	438.1	431.7	438.5	436.1	436.1	434.4	435.1	426.2	439.2
G19.0	374.7	381.5	377.5	380.9	375.8	380.9	380.2	381.9	373.4	379.8
G20.0	332.1	339.6	333.5	331.8	328.7	335.5	337.9	337.6	328.7	333.5
G21.0	292.5	297.7	292.2	290.9	287.1	293.9	298.4	299.4	290.2	289.5
G22.0	253.3	258.1	253.7	252.7	247.2	254.4	258.1	261.2	253.0	250.6
G23.0	220.6	225.0	221.6	219.6	215.5	222.0	227.1	230.8	222.6	218.9
G24.0	190.6	196.7	189.9	192.0	184.8	194.4	197.4	203.9	191.3	190.3
G25.0	166.7	168.1	165.4	165.0	161.6	167.1	172.5	177.6	167.8	164.7
G26.0	145.3	147.6	143.2	144.6	141.2	145.9	151.4	156.2	146.3	144.2
G27.0	125.8	126.5	124.4	126.2	123.4	126.2	132.0	136.4	127.9	126.8
G28.0	110.5	110.8	110.1	112.2	109.8	111.8	114.9	118.7	113.5	113.9
G29.0	96.8	96.5	97.2	100.3	97.9	98.2	101.3	103.7	100.6	100.6
G30.0	84.2	83.5	84.6	88.0	84.6	86.3	86.9	89.0	88.3	87.6
G31.0	74.3	74.0	75.7	78.1	74.7	76.4	76.4	77.7	78.1	78.4
G32.0	65.5	64.1	66.2	68.9	65.5	65.1	66.5	67.5	67.2	68.9
G33.0	58.7	56.9	58.7	60.0	56.6	56.9	57.3	60.0	59.7	61.0
G34.0	51.5	51.2	51.2	52.5	49.8	49.1	50.5	52.2	52.8	53.9
G35.0	44.7	44.3	44.3	45.3	42.6	41.9	44.0	45.0	45.3	47.0
G36.0	39.9	39.2	37.8	39.5	36.8	36.5	38.9	40.6	39.2	40.2

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:

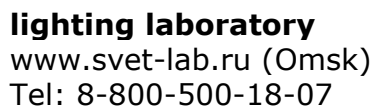
Candlepower Table (Continue 7)

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	33.4	34.4	32.0	34.1	31.4	31.4	33.4	35.8	33.8	35.5
G38.0	29.7	29.7	28.0	29.7	27.3	25.9	29.3	31.7	29.7	30.0
G39.0	26.3	24.9	22.9	25.2	23.5	22.5	25.2	28.3	26.3	26.9
G40.0	22.5	20.8	19.8	21.5	19.8	19.1	21.1	23.9	22.2	22.9
G41.0	19.4	17.7	16.7	18.1	16.7	16.0	18.8	20.8	18.8	19.4
G42.0	17.0	15.0	13.6	15.7	13.0	13.0	15.7	17.7	16.0	15.7
G43.0	14.0	13.3	11.3	13.3	10.9	10.6	13.0	15.0	13.6	14.0
G44.0	12.3	9.9	8.9	10.9	9.2	8.9	10.9	13.0	11.3	11.6
G45.0	9.6	8.5	6.8	8.9	7.2	6.5	7.8	10.6	9.2	10.2
G46.0	8.2	6.5	5.5	7.5	6.8	4.8	6.1	8.5	7.2	7.8
G47.0	4.1	4.8	4.1	6.1	6.1	3.4	4.1	7.2	6.1	6.5
G48.0	3.1	3.1	2.4	5.1	5.1	2.0	2.7	4.4	3.8	5.1
G49.0	1.4	1.4	0.7	3.8	4.1	0.3	1.7	3.4	2.4	3.8
G50.0	2.0	0.7	0.0	2.4	2.7	0.0	0.7	2.7	2.0	1.7
G51.0	1.7	0.0	0.0	1.0	1.0	0.0	0.0	1.0	0.7	0.7
G52.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G53.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G57.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G58.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G59.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G61.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G62.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G63.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G64.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G66.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G68.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G69.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G71.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G72.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
G73.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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:

[illegible]

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	9204.5	9188.8	9194.0	9192.6	9185.4	9210.3	9380.8			
G1.0	9154.1	9123.4	9051.8	9022.5	8927.3	8930.7	9035.1			
G2.0	8816.5	8765.4	8596.9	8564.2	8393.7	8376.7	8425.1			
G3.0	8092.6	8012.8	7803.8	7712.1	7509.6	7425.3	7409.0			
G4.0	7202.0	7104.1	6802.0	6743.0	6454.9	6403.5	6335.3			
G5.0	6101.0	6000.1	5721.2	5606.9	5359.4	5250.6	5150.4			
G6.0	4906.2	4763.7	4491.6	4430.2	4144.5	4092.7	3982.6			
G7.0	3846.5	3770.8	3532.1	3434.6	3216.7	3129.8	3027.8			
G8.0	2911.2	2892.1	2632.6	2645.6	2369.4	2386.1	2276.0			
G9.0	2244.3	2173.4	2026.1	1955.1	1817.4	1758.1	1698.0			
G10.0	1716.8	1677.9	1569.2	1514.9	1402.4	1372.8	1333.9			
G11.0	1324.7	1295.0	1205.7	1168.5	1108.5	1088.0	1052.6			
G12.0	1068.3	1042.7	990.2	964.6	916.9	902.5	884.5			
G13.0	886.5	876.0	830.3	811.8	784.9	775.4	757.0			
G14.0	752.5	735.5	707.2	693.2	673.4	663.9	652.3			
G15.0	656.4	643.1	614.8	605.6	586.5	582.7	569.1			
G16.0	569.4	559.9	535.0	530.5	509.1	512.1	494.1			
G17.0	496.1	486.2	473.6	463.4	449.1	441.9	431.7			
G18.0	436.4	426.9	417.4	408.1	394.5	388.4	380.2			
G19.0	378.8	372.0	364.8	357.0	343.0	334.5	328.7			
G20.0	329.7	326.6	319.8	314.4	302.8	292.9	286.8			
G21.0	288.5	286.1	281.6	276.5	264.3	257.4	251.0			
G22.0	246.9	247.2	243.8	239.7	229.5	223.3	216.5			
G23.0	215.5	215.1	213.1	208.0	201.9	194.7	190.3			
G24.0	186.5	187.2	184.1	181.1	172.2	170.5	165.0			
G25.0	164.0	161.6	160.9	156.5	151.7	150.0	146.6			
G26.0	144.6	142.9	141.8	138.1	133.3	134.3	130.9			
G27.0	126.8	123.8	123.1	119.3	118.0	119.0	115.3			
G28.0	113.5	109.8	108.4	104.7	105.4	105.7	101.9			
G29.0	101.6	98.2	96.5	92.4	93.8	94.1	90.0			
G30.0	89.0	87.6	83.2	80.5	82.2	81.8	78.8			
G31.0	79.1	77.7	74.7	71.3	72.3	71.9	69.2			
G32.0	68.2	67.8	64.4	62.7	63.4	62.7	60.3			
G33.0	60.7	60.0	58.0	55.9	55.2	56.3	52.8			
G34.0	52.5	52.5	50.1	49.4	49.1	49.4	47.0			
G35.0	46.7	45.3	44.7	43.0	43.3	43.0	41.3			
G36.0	40.6	39.5	39.2	37.8	37.8	39.5	37.2			

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 10)

Unit: cd

G\C	C300.0	C310.0	C320.0	C330.0	C340.0	C350.0	C360.0			
G37.0	34.1	34.8	34.1	33.8	32.4	35.5	33.8			
G38.0	30.4	30.0	30.0	29.3	28.6	31.7	29.7			
G39.0	25.9	25.6	26.3	25.9	24.9	28.6	26.9			
G40.0	22.2	21.5	22.5	21.5	21.8	25.9	24.2			
G41.0	19.4	18.8	20.1	19.1	19.4	23.2	21.5			
G42.0	17.4	15.7	17.4	16.4	16.4	20.5	17.4			
G43.0	14.3	13.6	15.0	14.3	13.0	16.7	14.0			
G44.0	11.9	10.9	12.3	10.2	10.9	13.6	11.6			
G45.0	9.9	9.9	10.2	8.2	8.9	10.9	9.6			
G46.0	8.2	8.2	7.8	6.5	7.2	8.5	7.2			
G47.0	6.8	5.8	6.5	4.4	5.5	6.8	5.5			
G48.0	5.1	4.4	4.8	2.7	3.4	5.8	3.8			
G49.0	3.8	3.4	3.4	1.7	2.0	3.8	3.1			
G50.0	2.4	1.4	2.4	0.7	1.4	2.7	2.0			
G51.0	1.4	0.7	1.4	0.0	0.0	0.7	0.0			
G52.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G53.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G55.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G56.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G57.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G58.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G59.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G61.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G62.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G63.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G64.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G65.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G66.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G67.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G68.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G69.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G71.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G72.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
G73.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

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:

