



Report No.:

Test Time: 2021-04-10 11:53

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: RAD-S-CIS-3.5000.24.-.36

Luminous Length (mm): -53

Luminous Width (mm): -53

Luminous Height (mm): 70

Voltage: 24.0 V

Current: 0.146 A

Power: 3.49 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 285.4 lm

Downward Ratio: 100%

Total Rated Lamp Lumens: 285.4 lm

Efficiency: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 73.8, 74.0, 73.9, 74.0

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 36.6, 36.7, 36.7, 36.8

Luminaire Efficacy Rating (LER): 81.82

Central Intensity: 524.23 cd

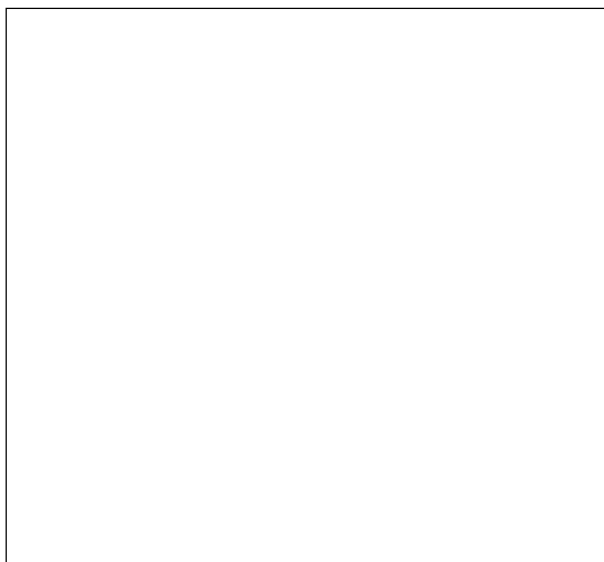
Max. Intensity: 524.23 cd

Pos of Max. Intensity: H0 V0

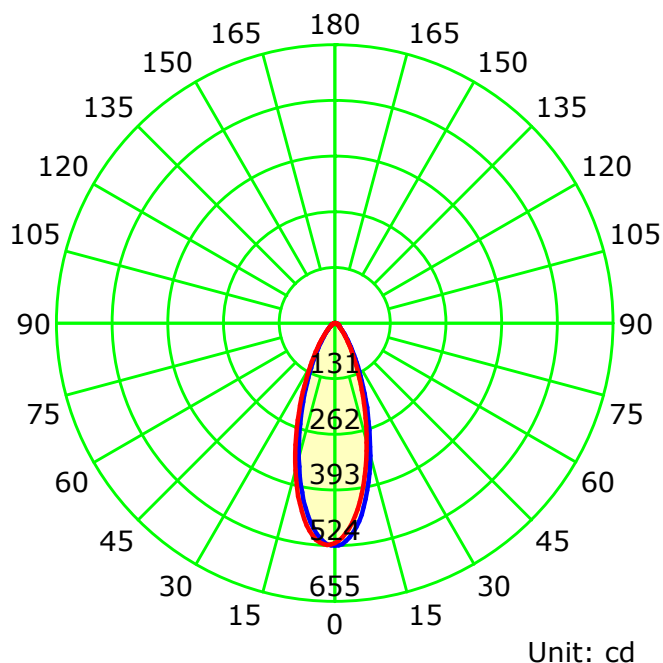
S/MH(C0/C180): 0.59

S/MH(C90/C270): 0.60

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

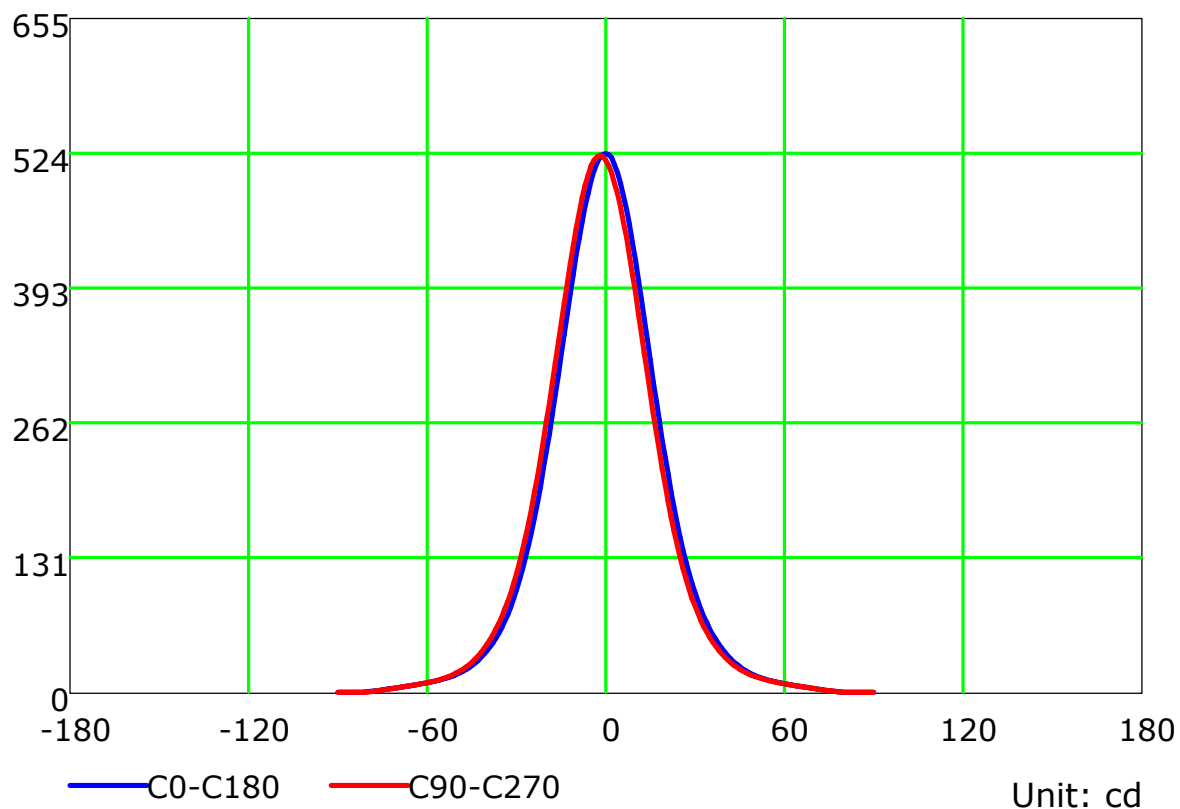
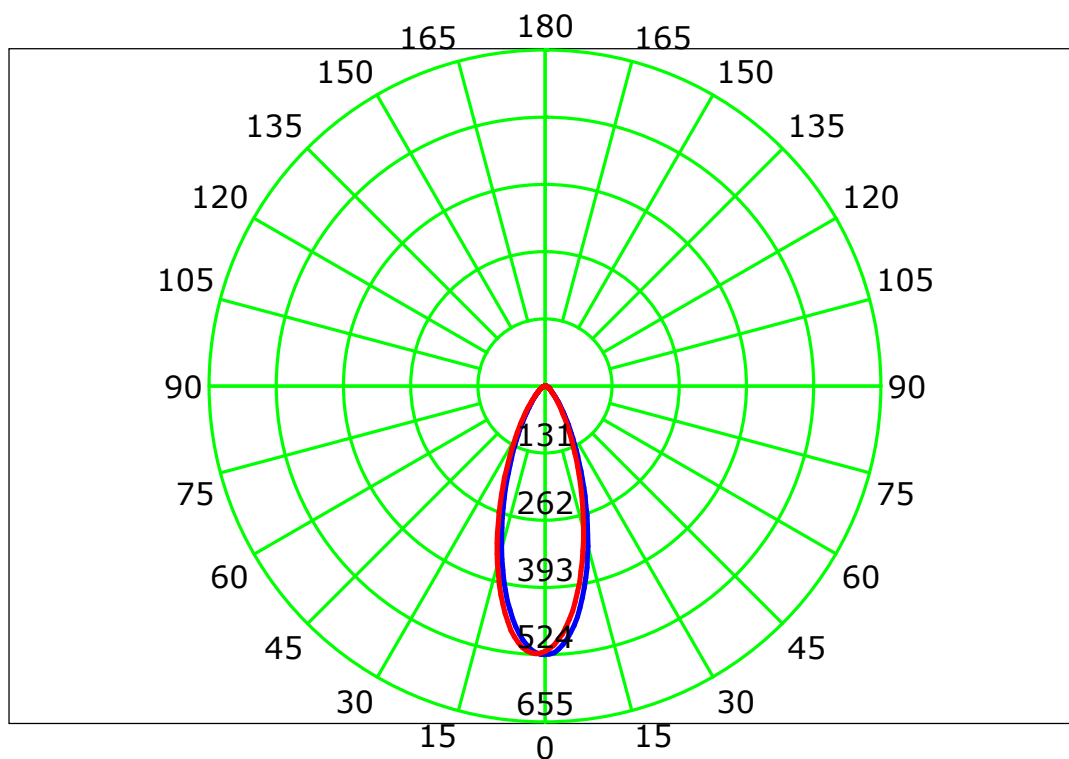
Test Device: LSG-1700B

Distance: 9.600 m

Humidity:

Inspector:

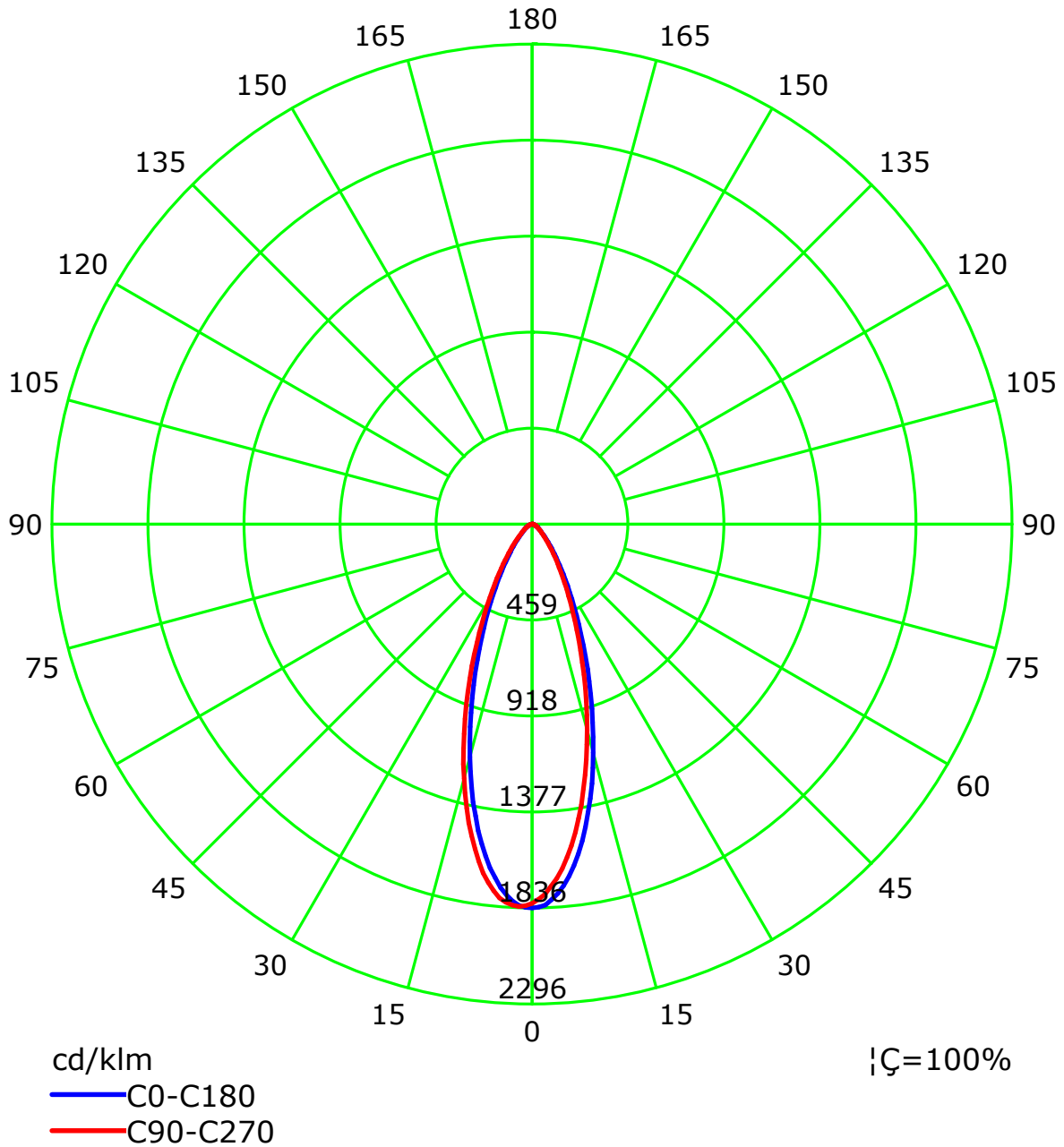
Luminous Intensity Distribution Curve



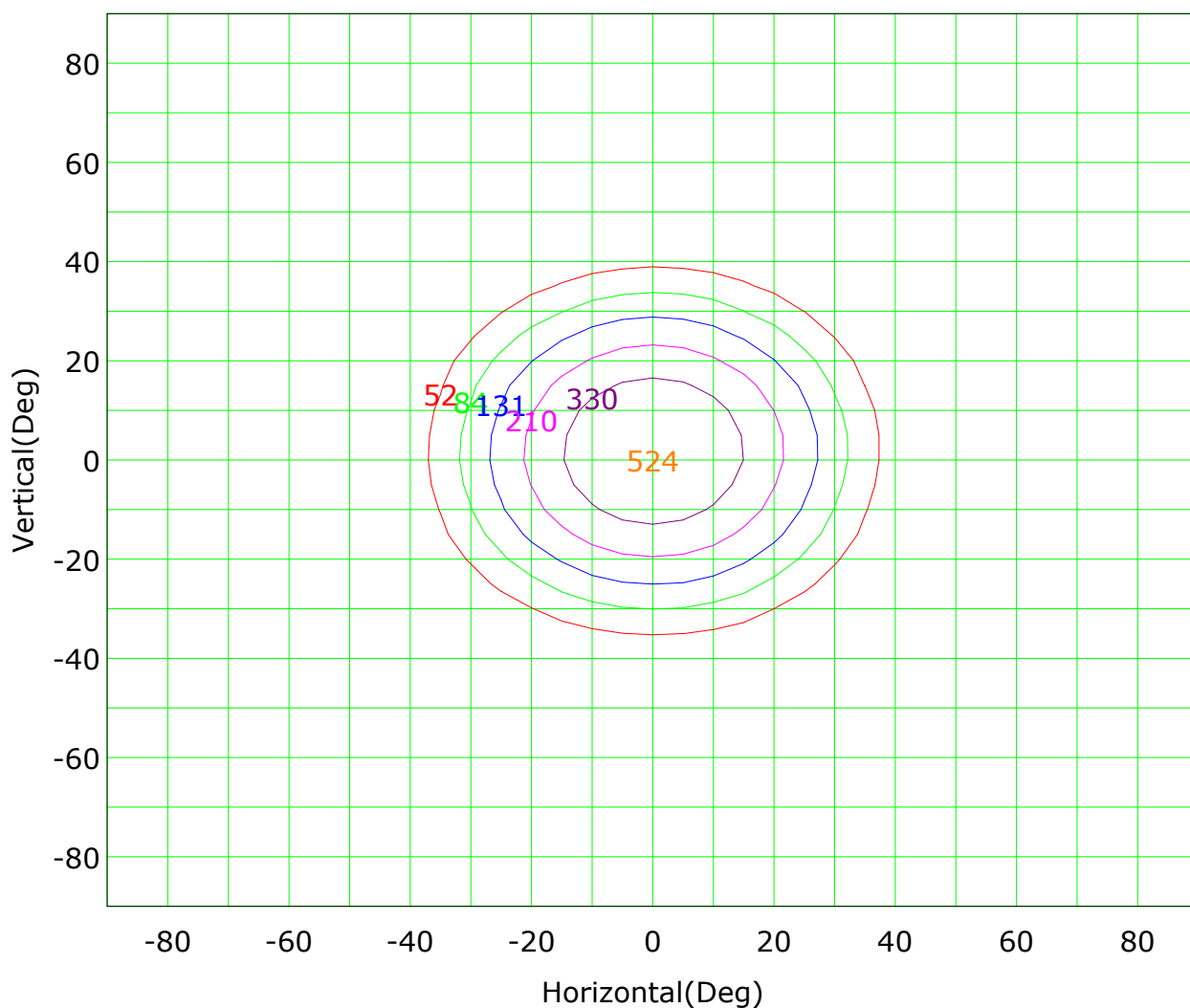
C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

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

Luminous Intensity Distribution Curve(cd/klm)



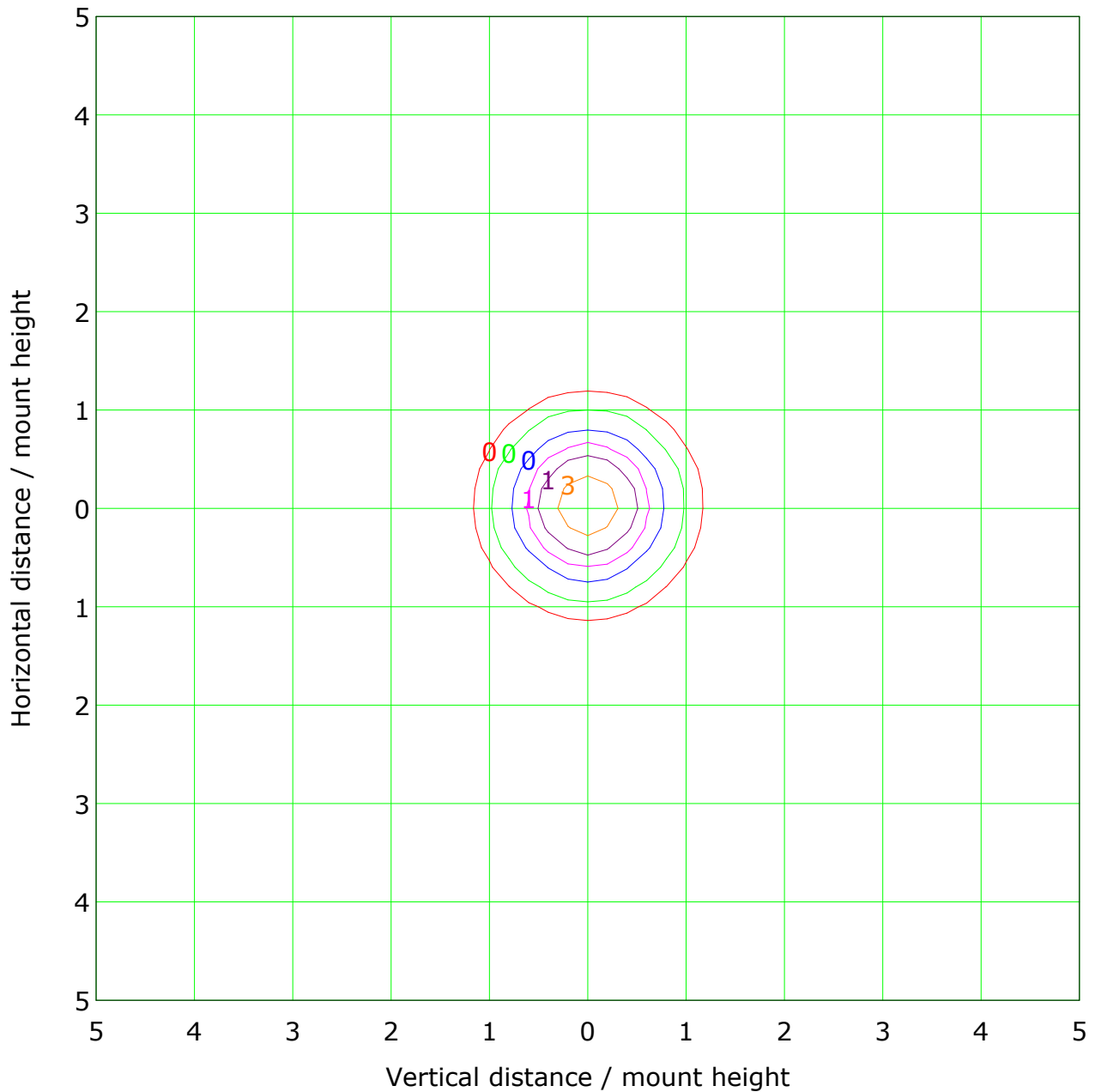
Isocandela (rectangle)



Imax (100%): 524 cd

(10%):	52 cd	(16%):	84 cd
(25%):	131 cd	(40%):	210 cd
(63%):	330 cd	(100%):	524 cd

IsoLux Plot



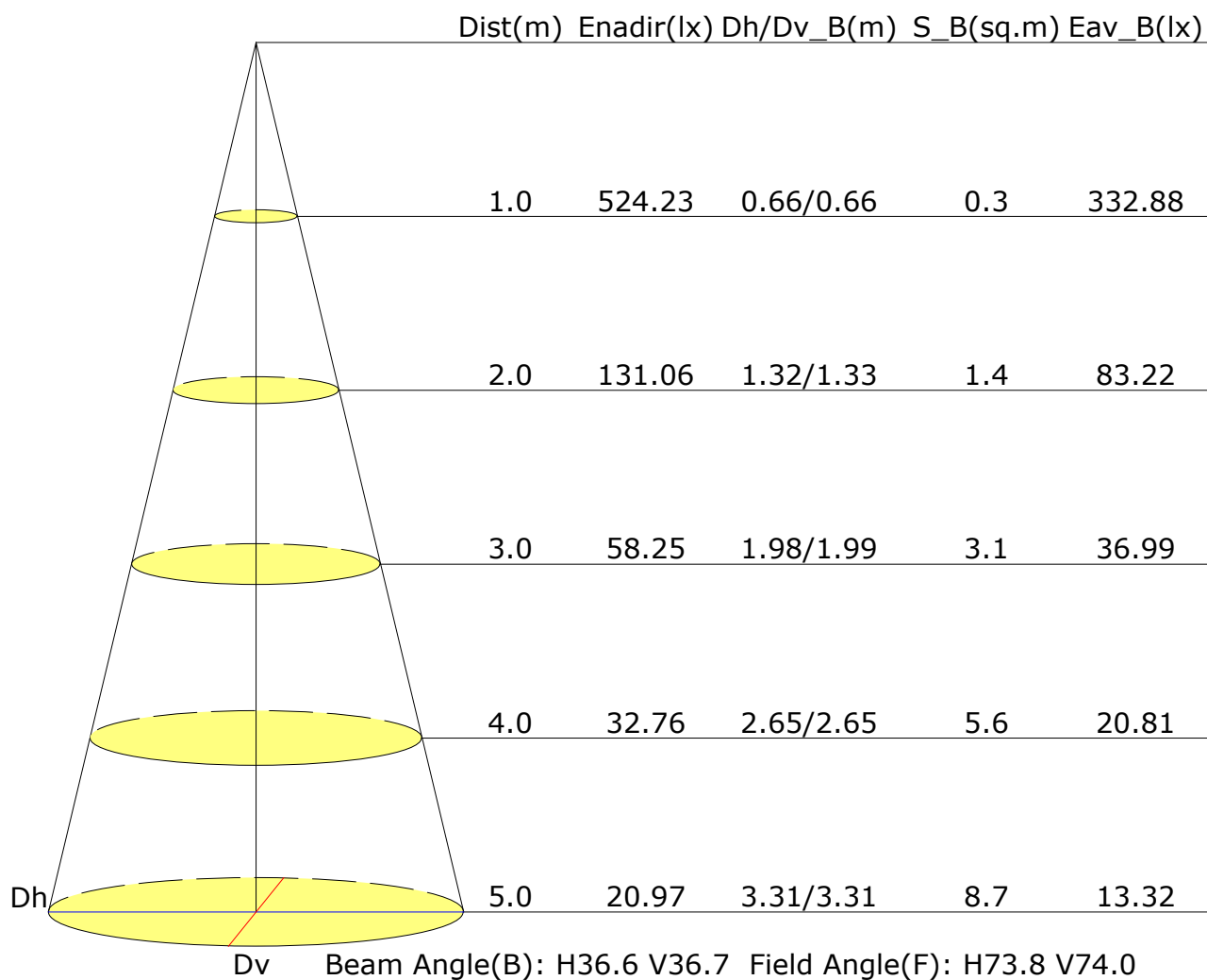
Mounting Height: 10.0m Max Lux(100%): 5.2 lx

(1%): 0.1 lx	(2%): 0.1 lx
(5%): 0.3 lx	(10%): 0.5 lx
(20%): 1.0 lx	(50%): 2.6 lx
(100%): 5.2 lx	

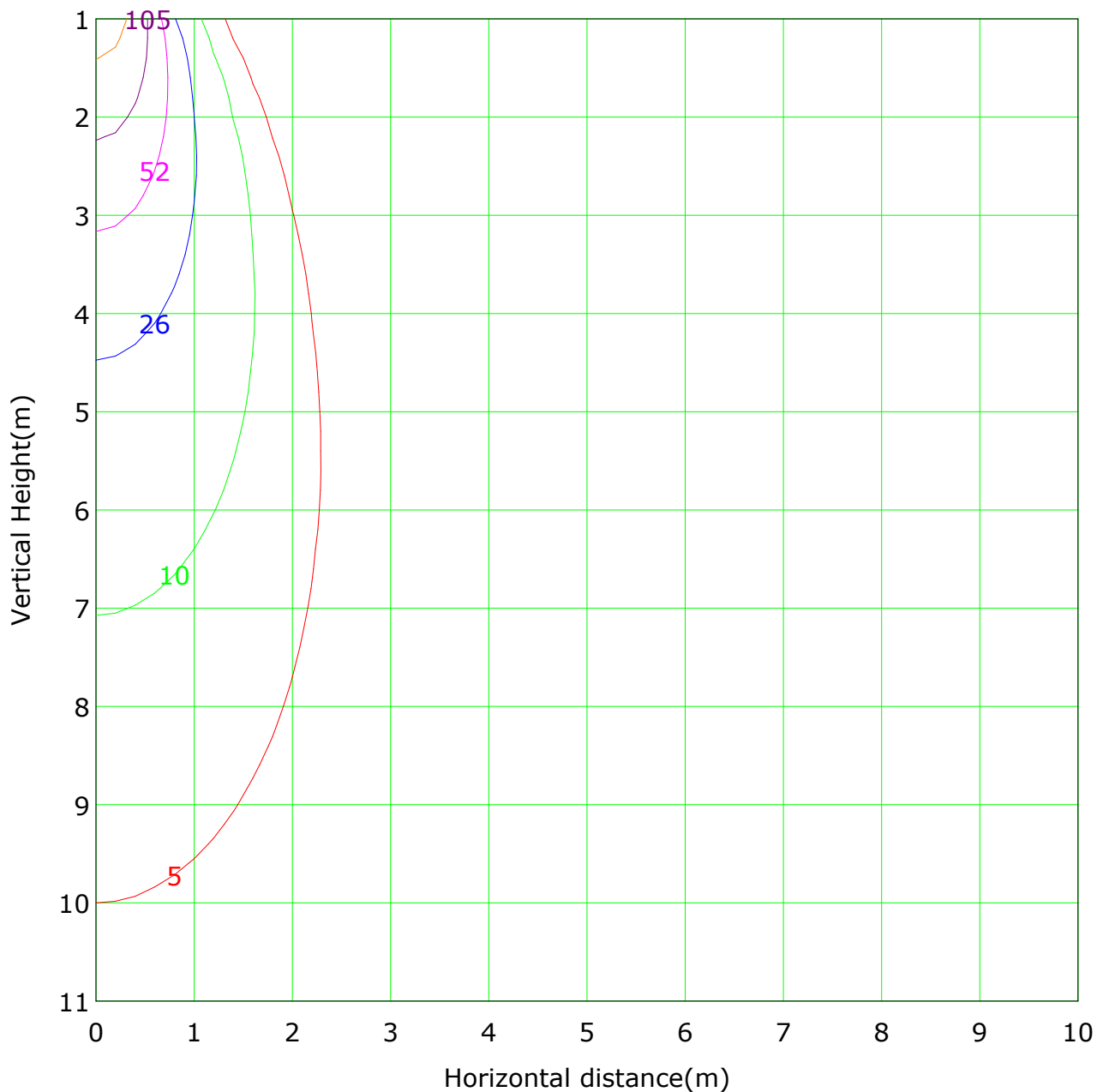
C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

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

Illuminance at a Distance



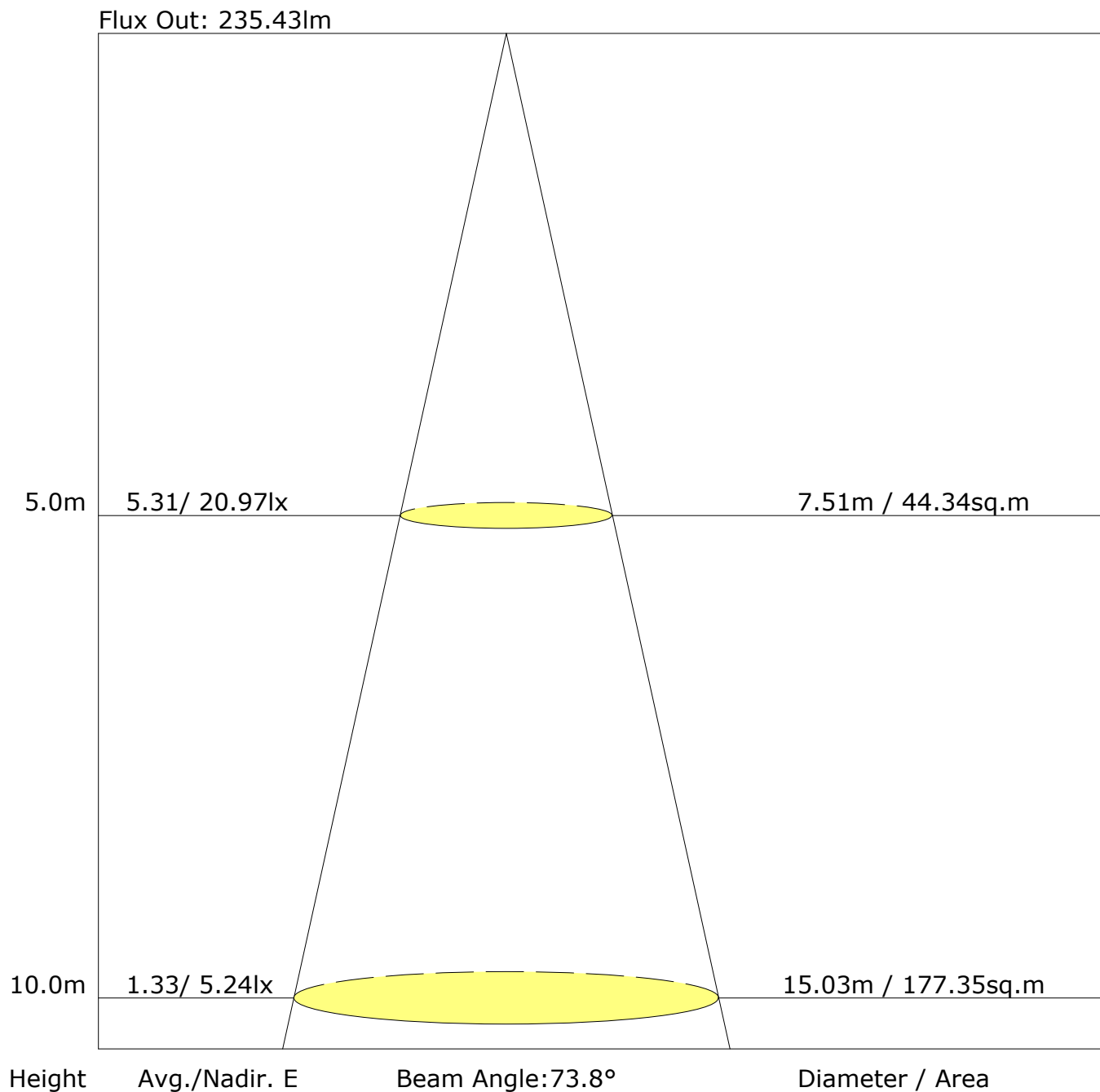
Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 524.2 lx

— (1%): 5.2 lx	— (2%): 10.5 lx
— (5%): 26.2 lx	— (10%): 52.4 lx
— (20%): 104.8 lx	— (50%): 262.1 lx
— (100%): 524.2 lx	

The Average Illuminance Effective Figure

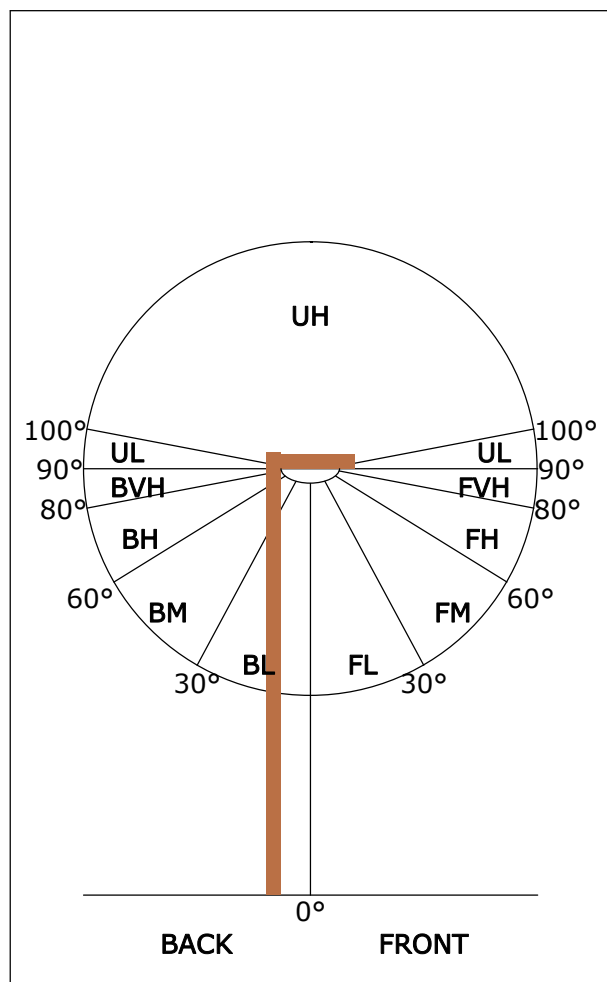


UGR Table

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.\$/4.8					-1.\$/5.1				
S=1.5H	-1.\$/7.5					-1.\$/7.7				
S=2.0H	-1.\$/9.5					-1.\$/9.7				

Calculate in accordance with CIE Pub.117. The table is revised with 285lm ($8\log(F/F_0) = -4.4$).

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



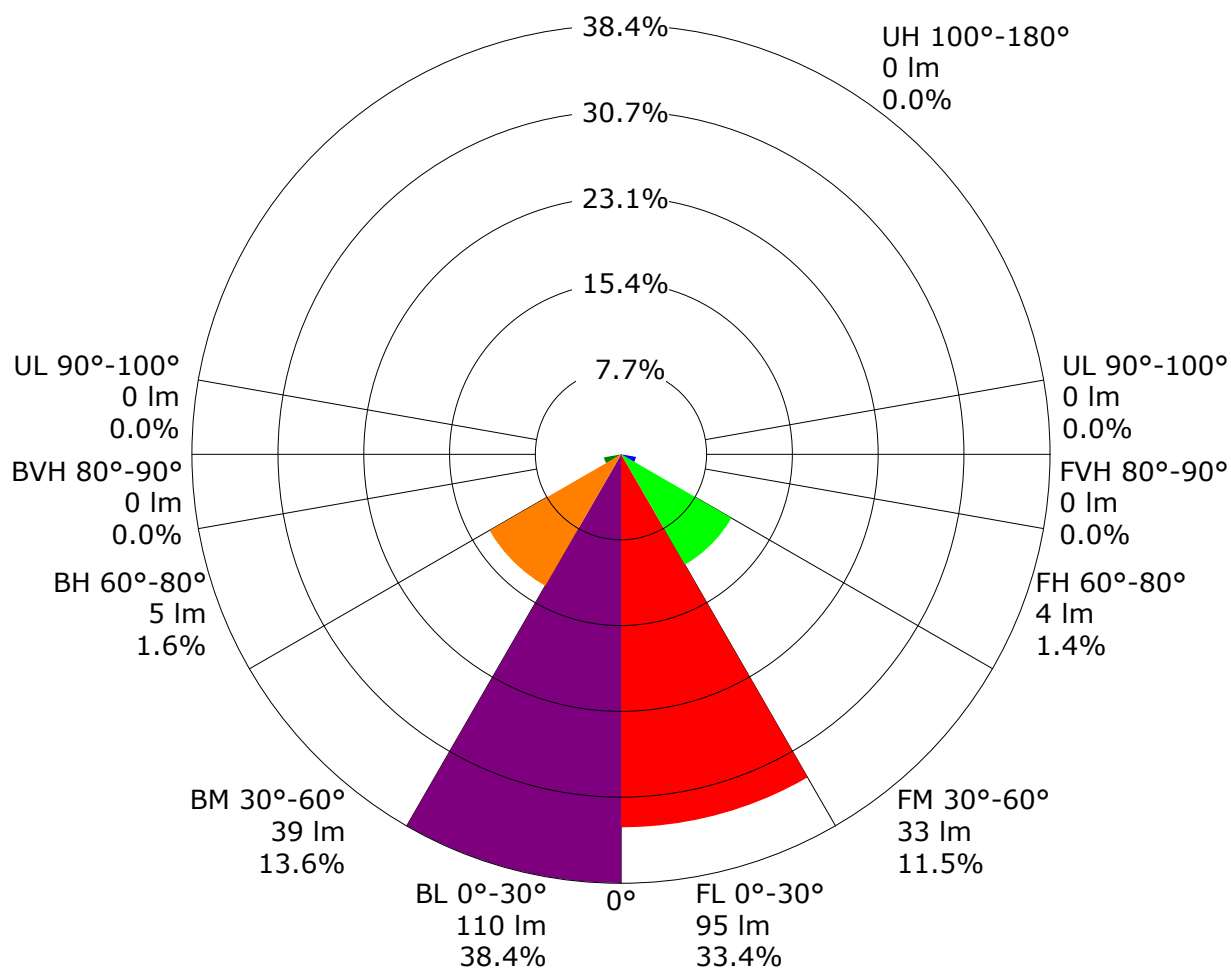
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	132	46.3
FL (0°-30°)	95	33.4
FM (30°-60°)	33	11.5
FH (60°-80°)	4	1.4
FVH (80°-90°)	0	0.0
BACK LIGHT	153	53.7
BL (0°-30°)	110	38.4
BM (30°-60°)	39	13.6
BH (60°-80°)	5	1.6
BVH (80°-90°)	0	0.0
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	NA

BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07	
Asymmetrical Luminaire Types (Type I,II,III,IV)	B0 U0 G0
Quadrilateral Symmetrical Luminaire Types (Type V,Area Light)	B0 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	518.2	0.5	0.5	0.17	0.17
1.0-2.0	516.3	1.5	2.0	0.52	0.69
2.0-3.0	511.9	2.4	4.4	0.86	1.55
3.0-4.0	505.4	3.4	7.8	1.19	2.74
4.0-5.0	497.1	4.3	12.1	1.50	4.24
5.0-6.0	486.4	5.1	17.2	1.79	6.03
6.0-7.0	473.9	5.9	23.1	2.06	8.09
7.0-8.0	460.2	6.6	29.7	2.31	10.40
8.0-9.0	444.7	7.2	36.9	2.53	12.92
9.0-10.0	428.3	7.8	44.6	2.72	15.64
10.0-11.0	410.6	8.2	52.8	2.88	18.51
11.0-12.0	392.1	8.6	61.4	3.00	21.52
12.0-13.0	373.7	8.9	70.3	3.11	24.63
13.0-14.0	354.1	9.1	79.3	3.18	27.80
14.0-15.0	334.5	9.2	88.5	3.22	31.02
15.0-16.0	315.0	9.2	97.8	3.24	34.26
16.0-17.0	295.5	9.2	107.0	3.23	37.48
17.0-18.0	277.0	9.1	116.1	3.20	40.68
18.0-19.0	258.2	9.0	125.1	3.15	43.83
19.0-20.0	240.0	8.8	133.9	3.08	46.91
20.0-21.0	223.0	8.6	142.4	3.00	49.91
21.0-22.0	206.1	8.3	150.7	2.90	52.81
22.0-23.0	190.2	8.0	158.7	2.80	55.61
23.0-24.0	175.2	7.7	166.4	2.68	58.29
24.0-25.0	160.8	7.3	173.7	2.56	60.85
25.0-26.0	147.8	7.0	180.7	2.45	63.30
26.0-27.0	135.4	6.6	187.3	2.32	65.62
27.0-28.0	123.8	6.3	193.5	2.20	67.82
28.0-29.0	113.4	5.9	199.5	2.08	69.90
29.0-30.0	103.5	5.6	205.1	1.96	71.86
30.0-31.0	94.5	5.3	210.3	1.84	73.70
31.0-32.0	86.2	4.9	215.3	1.73	75.43
32.0-33.0	78.6	4.6	219.9	1.62	77.05
33.0-34.0	72.0	4.4	224.2	1.53	78.58
34.0-35.0	65.7	4.1	228.3	1.43	80.01
35.0-36.0	59.9	3.8	232.1	1.34	81.34

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:

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	54.8	3.6	235.7	1.25	82.59
37.0-38.0	50.0	3.3	239.1	1.17	83.76
38.0-39.0	45.7	3.1	242.2	1.09	84.86
39.0-40.0	41.8	2.9	245.1	1.02	85.88
40.0-41.0	38.2	2.7	247.8	0.95	86.83
41.0-42.0	35.1	2.5	250.4	0.89	87.73
42.0-43.0	32.1	2.4	252.7	0.83	88.56
43.0-44.0	29.3	2.2	255.0	0.78	89.34
44.0-45.0	26.9	2.1	257.0	0.73	90.06
45.0-46.0	24.7	1.9	259.0	0.68	90.74
46.0-47.0	22.8	1.8	260.8	0.63	91.37
47.0-48.0	21.0	1.7	262.5	0.59	91.97
48.0-49.0	19.4	1.6	264.1	0.56	92.53
49.0-50.0	18.0	1.5	265.6	0.52	93.05
50.0-51.0	16.7	1.4	267.0	0.49	93.54
51.0-52.0	15.5	1.3	268.3	0.47	94.01
52.0-53.0	14.5	1.3	269.6	0.44	94.45
53.0-54.0	13.5	1.2	270.7	0.42	94.87
54.0-55.0	12.7	1.1	271.9	0.40	95.26
55.0-56.0	11.9	1.1	272.9	0.38	95.64
56.0-57.0	11.1	1.0	274.0	0.36	96.00
57.0-58.0	10.5	1.0	274.9	0.34	96.34
58.0-59.0	9.9	0.9	275.9	0.32	96.66
59.0-60.0	9.3	0.9	276.7	0.31	96.97
60.0-61.0	8.7	0.8	277.6	0.29	97.26
61.0-62.0	8.2	0.8	278.3	0.28	97.53
62.0-63.0	7.7	0.7	279.1	0.26	97.80
63.0-64.0	7.2	0.7	279.8	0.25	98.04
64.0-65.0	6.7	0.7	280.5	0.23	98.27
65.0-66.0	6.2	0.6	281.1	0.22	98.49
66.0-67.0	5.8	0.6	281.7	0.20	98.69
67.0-68.0	5.3	0.5	282.2	0.19	98.88
68.0-69.0	4.8	0.5	282.7	0.17	99.05
69.0-70.0	4.4	0.4	283.1	0.16	99.21
70.0-71.0	3.9	0.4	283.5	0.14	99.35
71.0-72.0	3.5	0.4	283.9	0.13	99.48

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	524.2	522.9	522.4	521.2	521.1	519.9	519.9	518.9	518.8	517.6
G1.0	523.0	521.0	519.9	518.2	517.0	515.3	514.9	513.8	513.6	512.4
G2.0	520.3	517.0	515.6	512.6	511.4	509.0	508.3	506.7	506.4	505.4
G3.0	513.3	509.4	507.5	504.3	502.5	500.0	499.1	496.8	496.7	495.2
G4.0	505.2	500.8	498.5	494.5	493.0	489.8	488.6	486.2	486.5	484.9
G5.0	495.2	489.6	487.3	482.5	481.0	477.5	476.4	474.2	473.9	472.3
G6.0	483.1	476.6	473.5	468.1	466.6	462.9	461.7	459.1	459.7	457.3
G7.0	469.8	462.7	459.2	453.4	451.5	447.4	446.6	444.4	444.3	442.4
G8.0	454.9	446.4	443.4	436.6	436.0	430.4	431.2	426.2	427.6	424.8
G9.0	437.8	429.5	425.6	420.1	417.3	412.6	412.7	408.8	409.1	406.8
G10.0	420.1	412.9	408.9	401.9	400.2	395.5	394.6	390.3	391.5	388.9
G11.0	401.2	393.6	389.0	382.7	379.6	375.7	374.1	370.1	370.3	368.0
G12.0	383.0	374.5	371.0	363.9	361.0	356.6	355.5	351.7	351.9	349.8
G13.0	363.6	355.4	351.6	344.3	341.3	336.8	336.1	332.0	332.2	330.1
G14.0	343.0	334.0	331.0	323.9	321.0	315.1	314.8	310.8	312.3	310.1
G15.0	323.1	315.0	311.6	304.1	301.5	296.6	295.9	292.3	293.1	291.0
G16.0	302.5	295.0	291.7	284.3	281.5	276.4	275.0	272.3	273.2	271.3
G17.0	283.4	276.4	273.2	266.3	264.0	257.6	257.1	253.5	254.8	253.0
G18.0	265.1	258.7	255.6	248.3	246.0	240.4	239.0	236.3	237.5	235.8
G19.0	245.2	239.8	236.7	230.2	227.6	222.0	220.3	217.1	218.5	217.6
G20.0	228.5	222.4	219.7	213.6	211.0	205.3	203.6	201.4	202.8	201.3
G21.0	212.3	205.4	203.5	197.1	195.7	188.1	188.2	184.1	186.8	185.1
G22.0	194.7	189.7	188.0	182.1	180.0	173.7	172.6	170.4	171.3	170.5
G23.0	180.1	175.7	173.5	168.3	165.5	159.7	158.5	156.5	157.9	156.9
G24.0	164.1	160.2	158.4	153.4	150.9	145.9	144.9	142.7	144.0	143.5
G25.0	151.1	147.8	146.1	141.6	139.1	133.7	133.1	130.5	131.8	131.4
G26.0	138.5	135.4	134.0	129.8	127.9	123.0	122.2	119.9	120.7	120.8
G27.0	126.4	123.3	122.2	118.3	116.2	112.2	111.3	109.0	110.2	110.0
G28.0	115.9	112.7	111.9	108.7	106.8	103.1	101.8	99.7	100.7	100.9
G29.0	106.5	102.8	102.9	98.6	97.5	93.4	93.0	90.8	92.3	91.5
G30.0	97.1	94.4	93.8	90.7	88.7	85.8	84.5	83.1	84.2	84.3
G31.0	88.7	86.4	85.8	82.7	81.2	78.2	77.4	76.3	76.9	77.2
G32.0	80.7	78.7	78.0	75.4	74.0	70.9	70.2	69.2	69.9	70.0
G33.0	73.8	71.7	71.3	69.1	67.7	65.2	64.2	63.5	63.8	64.1
G34.0	67.6	65.8	65.4	63.4	62.1	59.8	58.7	58.2	58.7	58.8
G35.0	61.2	59.9	59.3	57.6	56.6	54.3	53.5	52.8	53.6	53.4
G36.0	56.2	54.7	54.5	52.8	51.7	49.9	48.9	48.5	49.0	49.0

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 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	51.6	49.7	50.0	47.9	47.6	45.5	45.1	44.0	45.0	44.9
G38.0	46.8	45.4	45.3	43.9	43.4	41.7	41.3	40.6	40.9	41.0
G39.0	43.0	41.7	41.6	40.3	39.6	38.3	37.8	37.2	37.5	37.9
G40.0	39.0	37.8	37.8	36.7	36.2	34.9	34.4	34.0	34.2	34.3
G41.0	35.8	34.9	34.6	33.6	33.0	32.3	31.7	31.4	31.5	31.7
G42.0	32.9	32.0	31.7	30.9	30.4	29.7	29.2	28.9	28.9	29.1
G43.0	29.8	29.0	28.9	28.2	27.8	27.0	26.7	26.4	26.4	26.6
G44.0	27.5	26.6	26.6	25.9	25.5	25.0	24.5	24.4	24.4	24.6
G45.0	25.4	24.3	24.5	23.6	23.6	22.9	22.8	22.3	22.6	22.6
G46.0	23.0	22.4	22.4	21.8	21.5	21.3	21.0	20.7	20.8	21.0
G47.0	21.3	20.7	20.7	20.2	20.0	19.7	19.4	19.2	19.4	19.4
G48.0	19.5	19.0	18.9	18.6	18.5	18.1	17.9	17.8	18.1	17.9
G49.0	18.0	17.6	17.7	17.3	17.2	16.9	16.8	16.6	16.8	16.7
G50.0	16.8	16.4	16.4	16.1	15.9	15.9	15.6	15.5	15.8	15.7
G51.0	15.5	15.3	15.3	15.0	14.9	14.7	14.6	14.4	14.6	14.7
G52.0	14.5	14.2	14.3	14.0	13.9	13.7	13.7	13.6	13.8	13.8
G53.0	13.6	13.2	13.3	13.1	13.1	12.8	12.9	12.7	12.9	12.9
G54.0	12.6	12.4	12.5	12.3	12.3	12.1	12.1	11.9	12.1	12.1
G55.0	11.8	11.7	11.7	11.5	11.5	11.4	11.4	11.3	11.4	11.4
G56.0	11.1	10.9	11.0	10.8	10.8	10.8	10.6	10.6	10.8	10.7
G57.0	10.4	10.4	10.4	10.3	10.2	10.1	10.0	10.1	10.2	10.1
G58.0	9.8	9.6	9.8	9.6	9.6	9.5	9.5	9.5	9.6	9.6
G59.0	9.1	9.1	9.2	9.0	9.0	9.0	8.9	8.9	9.1	8.9
G60.0	8.6	8.5	8.6	8.5	8.5	8.4	8.5	8.4	8.5	8.5
G61.0	8.0	7.9	8.1	7.9	7.9	7.8	7.9	7.9	8.0	7.9
G62.0	7.5	7.4	7.6	7.4	7.5	7.3	7.4	7.4	7.5	7.4
G63.0	7.0	7.0	7.1	6.9	7.0	6.9	7.0	6.9	7.0	7.0
G64.0	6.5	6.4	6.5	6.5	6.5	6.3	6.5	6.3	6.4	6.5
G65.0	6.1	6.0	6.1	5.9	6.0	5.9	6.0	5.9	6.1	6.0
G66.0	5.6	5.5	5.6	5.5	5.5	5.5	5.7	5.5	5.7	5.6
G67.0	5.1	5.1	5.1	5.1	5.1	5.0	5.2	5.1	5.2	5.2
G68.0	4.7	4.6	4.7	4.6	4.6	4.5	4.7	4.6	4.7	4.7
G69.0	4.3	4.1	4.2	4.2	4.1	4.1	4.2	4.2	4.2	4.2
G70.0	3.8	3.7	3.8	3.7	3.7	3.7	3.8	3.7	3.8	3.8
G71.0	3.4	3.3	3.4	3.2	3.3	3.2	3.4	3.3	3.5	3.4
G72.0	3.0	2.8	3.0	2.8	2.8	2.8	2.9	2.9	3.0	2.9
G73.0	2.5	2.4	2.5	2.4	2.4	2.4	2.5	2.5	2.6	2.5

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 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	517.8	516.6	517.2	515.9	516.2	515.5	515.5	515.0	524.2	522.9
G1.0	512.7	512.1	512.6	512.2	512.6	512.6	513.2	513.6	523.2	522.9
G2.0	506.0	505.2	506.2	505.7	507.1	507.7	509.0	510.1	520.8	521.3
G3.0	495.9	495.3	497.0	497.1	498.9	499.7	502.2	503.5	515.2	517.0
G4.0	485.9	485.4	487.5	487.5	489.9	490.8	493.7	495.3	507.3	510.0
G5.0	473.5	473.0	475.2	475.6	478.6	480.0	483.4	485.3	498.0	501.7
G6.0	459.0	458.6	460.9	460.9	465.1	466.1	470.5	472.5	485.4	490.0
G7.0	444.0	443.5	446.1	446.4	450.4	451.9	456.6	460.1	472.7	478.1
G8.0	428.3	426.3	430.9	429.6	434.3	435.9	442.2	443.8	457.5	464.0
G9.0	409.0	408.6	412.0	412.3	417.1	419.9	425.3	428.5	441.5	447.8
G10.0	391.6	391.2	394.7	395.2	400.5	402.5	408.4	412.6	425.2	431.1
G11.0	372.0	371.5	374.2	375.1	380.7	383.7	389.5	394.0	405.8	412.7
G12.0	352.6	352.6	356.2	357.3	362.6	365.1	372.0	375.7	388.1	394.2
G13.0	333.3	333.0	337.8	338.1	343.3	346.6	353.2	357.0	368.7	376.0
G14.0	313.1	312.1	316.6	316.5	322.8	325.5	333.0	336.1	348.3	355.8
G15.0	294.0	293.5	297.1	298.0	303.7	307.2	313.5	317.4	329.5	336.3
G16.0	274.0	273.0	277.3	278.3	283.6	286.3	293.7	297.2	309.0	317.8
G17.0	255.7	255.0	259.7	259.8	265.2	268.4	275.5	278.5	289.5	296.8
G18.0	238.5	237.7	241.6	242.3	248.2	250.4	258.2	261.0	270.7	278.5
G19.0	220.4	218.4	223.2	224.0	230.2	231.7	238.4	242.3	251.4	258.9
G20.0	204.0	202.8	206.7	207.8	213.3	216.0	221.9	225.2	234.4	241.6
G21.0	188.8	186.0	191.3	190.4	197.9	198.4	205.4	207.6	218.1	224.3
G22.0	172.5	171.9	174.9	176.3	181.3	183.9	188.7	192.0	200.0	206.8
G23.0	158.9	158.0	161.3	162.3	167.4	169.6	174.7	177.0	185.2	190.7
G24.0	144.8	144.3	147.6	148.3	152.5	155.1	159.3	162.2	169.8	176.3
G25.0	133.2	132.7	135.6	136.5	140.6	142.3	146.7	148.6	156.3	160.6
G26.0	122.4	121.7	124.7	125.2	128.8	130.9	134.8	136.8	143.9	147.8
G27.0	111.0	110.6	113.2	114.1	117.4	119.3	123.0	125.1	131.3	134.9
G28.0	102.1	101.2	103.9	104.3	107.9	109.0	112.4	114.4	120.1	124.0
G29.0	93.4	92.2	95.1	95.0	98.7	99.4	103.3	104.2	110.4	113.4
G30.0	84.9	84.5	86.7	86.7	89.9	91.1	94.1	95.3	99.9	103.1
G31.0	77.8	77.2	79.2	79.6	82.2	83.4	85.8	87.4	91.2	94.5
G32.0	70.8	70.4	72.2	72.0	74.8	75.9	78.2	79.2	82.8	85.4
G33.0	64.7	64.4	66.1	66.2	68.2	69.1	71.6	72.7	75.8	78.4
G34.0	59.3	59.0	60.5	60.7	62.7	63.6	65.8	66.5	69.3	72.0
G35.0	54.1	53.7	54.9	55.0	57.0	58.0	59.6	60.2	63.1	65.1
G36.0	49.5	49.3	50.1	50.5	52.1	53.3	54.8	55.3	57.6	59.9

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:

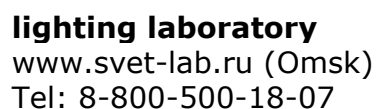
Candlepower Table (Continue 4)

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	45.5	45.0	46.1	45.8	47.9	48.3	50.4	50.4	52.5	54.7
G38.0	41.2	41.3	41.9	42.1	43.4	44.3	45.7	46.1	48.2	49.8
G39.0	38.0	38.0	38.5	38.4	39.9	40.7	42.0	42.4	44.2	45.8
G40.0	34.6	34.5	35.2	35.1	36.5	37.1	38.3	38.5	40.4	41.9
G41.0	31.7	31.8	32.2	32.3	33.3	34.0	35.1	35.4	37.1	38.4
G42.0	29.2	29.2	29.6	29.6	30.7	31.3	32.3	32.6	34.0	35.3
G43.0	26.7	26.7	27.1	27.2	28.0	28.4	29.6	29.8	31.1	32.3
G44.0	24.7	24.7	25.0	25.0	25.7	26.1	27.1	27.5	28.6	29.8
G45.0	22.7	22.6	23.2	22.9	23.7	23.9	24.9	25.2	26.2	27.3
G46.0	21.0	21.0	21.4	21.2	21.8	22.1	22.8	23.1	24.2	25.1
G47.0	19.4	19.6	19.8	19.7	20.2	20.6	21.1	21.4	22.3	23.1
G48.0	18.1	18.2	18.3	18.2	18.7	18.9	19.4	19.8	20.6	21.4
G49.0	16.9	16.9	17.3	17.1	17.5	17.7	18.2	18.5	19.1	19.8
G50.0	15.8	16.0	16.1	16.0	16.2	16.5	17.0	17.1	17.8	18.4
G51.0	14.7	14.8	15.0	14.8	15.2	15.4	15.8	15.9	16.5	17.1
G52.0	13.9	14.0	14.2	13.9	14.2	14.3	14.7	14.9	15.5	16.0
G53.0	12.9	13.2	13.3	13.0	13.4	13.4	13.9	13.9	14.5	15.0
G54.0	12.2	12.4	12.5	12.3	12.6	12.6	12.9	13.1	13.6	13.9
G55.0	11.5	11.8	11.8	11.6	11.9	11.9	12.2	12.3	12.8	13.2
G56.0	10.8	11.0	11.1	10.9	11.1	11.1	11.5	11.6	12.0	12.3
G57.0	10.2	10.4	10.6	10.3	10.5	10.5	10.8	10.9	11.3	11.6
G58.0	9.7	9.8	10.0	9.7	10.0	10.0	10.2	10.4	10.8	11.0
G59.0	9.1	9.2	9.3	9.1	9.4	9.3	9.6	9.7	10.0	10.4
G60.0	8.5	8.7	8.9	8.6	8.8	8.8	9.1	9.1	9.5	9.7
G61.0	8.0	8.2	8.3	8.0	8.2	8.3	8.4	8.6	8.9	9.1
G62.0	7.5	7.7	7.7	7.6	7.7	7.8	8.0	8.1	8.4	8.6
G63.0	7.0	7.2	7.3	7.3	7.2	7.2	7.6	7.6	7.9	8.1
G64.0	6.5	6.6	6.8	6.8	6.7	6.8	7.1	7.2	7.4	7.6
G65.0	6.1	6.2	6.3	6.3	6.3	6.4	6.6	6.7	7.0	7.1
G66.0	5.7	5.7	5.9	5.8	5.9	5.9	6.1	6.1	6.5	6.7
G67.0	5.2	5.3	5.4	5.4	5.3	5.5	5.6	5.8	6.1	6.2
G68.0	4.7	4.9	5.0	5.0	4.9	5.1	5.2	5.3	5.6	5.8
G69.0	4.2	4.4	4.5	4.5	4.5	4.6	4.8	4.9	5.1	5.4
G70.0	3.7	4.0	4.1	4.1	4.0	4.2	4.3	4.4	4.6	4.8
G71.0	3.4	3.6	3.7	3.7	3.6	3.8	3.9	4.0	4.3	4.4
G72.0	2.9	3.1	3.3	3.3	3.2	3.3	3.4	3.6	3.9	3.9
G73.0	2.5	2.7	2.8	2.9	2.7	2.9	3.0	3.2	3.5	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:

[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	522.4	521.2	521.1	519.9	519.9	518.9	518.8	517.6	517.8	516.6
G1.0	522.9	522.7	522.7	522.5	522.5	522.1	521.9	521.0	520.6	519.8
G2.0	521.6	522.1	522.3	522.8	522.8	523.2	522.9	522.5	521.6	520.8
G3.0	517.8	519.3	519.8	520.8	520.9	521.3	521.2	520.9	519.8	519.0
G4.0	511.5	514.1	514.8	516.7	517.3	517.9	517.8	517.5	516.3	515.3
G5.0	503.5	506.5	507.9	510.6	511.2	512.6	512.0	512.3	510.8	509.5
G6.0	492.5	496.1	497.4	501.0	501.6	503.5	503.2	503.2	501.0	500.5
G7.0	480.2	484.4	486.6	490.3	491.1	493.5	492.6	493.0	490.8	490.8
G8.0	465.7	471.9	471.8	477.4	477.1	481.1	479.7	481.0	478.2	478.4
G9.0	450.8	455.7	457.8	462.1	463.4	466.4	465.3	466.0	464.0	463.9
G10.0	434.9	440.3	442.3	446.7	448.2	451.1	450.4	450.5	449.4	448.3
G11.0	416.0	422.4	424.4	429.1	429.9	432.4	432.8	433.4	431.0	430.9
G12.0	398.5	404.5	407.5	412.1	412.3	415.7	415.1	417.0	414.2	414.0
G13.0	379.6	386.8	389.4	393.6	394.7	397.5	396.4	398.2	395.5	395.4
G14.0	359.5	366.9	369.6	373.9	375.1	377.7	376.5	378.5	375.9	375.7
G15.0	340.8	347.4	350.9	354.9	356.2	359.7	358.0	359.3	357.8	356.9
G16.0	319.5	328.5	329.3	336.6	336.0	340.2	336.6	340.7	336.4	338.7
G17.0	301.2	307.8	310.6	315.5	316.9	319.8	318.1	320.2	317.8	318.1
G18.0	283.1	289.6	291.3	297.3	297.6	300.5	299.7	301.1	299.4	298.8
G19.0	263.0	269.0	271.9	277.2	277.6	280.1	278.7	281.2	278.9	278.7
G20.0	245.7	251.4	254.5	259.2	258.6	262.2	261.1	263.5	261.1	260.6
G21.0	229.0	234.3	237.6	240.8	241.3	244.6	244.1	245.2	243.1	242.1
G22.0	210.3	216.1	218.6	222.4	222.9	225.3	225.4	227.1	224.9	224.3
G23.0	194.9	199.9	202.7	205.5	205.9	209.3	209.6	210.3	208.9	208.1
G24.0	178.1	185.4	185.9	190.2	189.2	193.3	192.8	195.1	191.4	192.1
G25.0	164.3	169.4	171.3	174.5	175.0	177.6	177.9	178.6	177.0	176.2
G26.0	151.3	156.4	157.2	160.4	160.8	163.2	164.1	164.9	163.1	161.7
G27.0	137.5	142.7	143.2	146.7	146.8	149.3	149.4	150.7	148.6	147.7
G28.0	126.4	130.4	131.6	134.9	134.9	137.4	137.5	138.9	136.8	135.7
G29.0	116.3	119.9	121.1	123.3	123.4	125.7	126.4	127.3	125.3	124.1
G30.0	104.9	109.0	109.7	111.8	112.0	113.9	114.5	115.5	114.3	112.4
G31.0	96.3	99.8	100.6	102.4	102.6	104.5	105.1	106.0	104.5	103.1
G32.0	87.8	90.6	91.4	93.3	92.9	95.2	95.6	96.2	95.2	93.3
G33.0	80.1	83.0	83.5	85.1	85.2	86.9	87.5	88.5	86.7	85.7
G34.0	73.4	75.7	76.6	77.8	78.0	79.7	80.4	81.1	79.4	78.7
G35.0	66.6	68.8	69.5	70.9	70.8	72.2	73.1	73.4	72.2	71.3
G36.0	60.9	63.0	63.5	64.9	64.8	66.3	66.7	67.3	65.8	65.3

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:

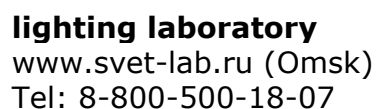
Candlepower Table (Continue 7)

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	55.5	57.7	57.9	59.2	58.6	60.8	60.7	61.6	59.7	59.4
G38.0	50.9	52.4	52.7	53.9	53.9	55.2	55.4	55.9	54.5	54.0
G39.0	46.7	48.3	48.4	49.5	49.5	50.6	51.0	51.2	50.0	49.6
G40.0	42.5	44.0	44.2	45.0	45.0	46.0	46.3	46.5	45.4	45.1
G41.0	39.2	40.2	40.6	41.3	41.3	42.0	42.5	42.4	41.4	41.3
G42.0	35.8	36.9	37.2	38.0	38.0	38.7	38.9	38.9	38.1	38.1
G43.0	32.6	33.5	33.8	34.5	34.5	35.0	35.3	35.3	34.7	34.5
G44.0	29.9	30.8	31.0	31.7	31.6	32.2	32.3	32.3	31.7	31.6
G45.0	27.3	28.2	28.2	29.2	28.8	29.6	29.5	29.6	28.9	29.0
G46.0	25.2	25.7	26.1	26.6	26.6	27.0	27.1	26.9	26.5	26.5
G47.0	23.2	23.9	24.0	24.5	24.5	24.7	24.7	24.8	24.3	24.2
G48.0	21.3	21.8	22.0	22.4	22.4	22.6	22.8	22.6	22.3	22.2
G49.0	19.8	20.3	20.3	20.7	20.7	20.8	20.9	20.9	20.5	20.3
G50.0	18.4	18.8	18.8	19.2	19.2	19.2	19.4	19.3	19.0	18.8
G51.0	17.0	17.5	17.5	17.6	17.7	17.8	17.7	17.8	17.3	17.2
G52.0	16.0	16.3	16.2	16.4	16.5	16.5	16.5	16.5	16.1	16.0
G53.0	14.9	15.1	15.0	15.3	15.2	15.3	15.2	15.3	14.8	14.9
G54.0	14.1	14.1	14.2	14.3	14.2	14.3	14.3	14.1	13.9	13.7
G55.0	13.2	13.3	13.3	13.3	13.3	13.3	13.4	13.3	13.0	12.9
G56.0	12.4	12.4	12.4	12.4	12.4	12.4	12.5	12.3	12.1	12.0
G57.0	11.5	11.7	11.6	11.6	11.8	11.7	11.7	11.5	11.3	11.3
G58.0	11.0	11.0	11.0	11.1	11.0	11.0	11.1	10.8	10.6	10.6
G59.0	10.3	10.3	10.4	10.4	10.4	10.4	10.3	10.2	9.9	9.9
G60.0	9.7	9.8	9.8	9.7	9.7	9.7	9.7	9.5	9.3	9.2
G61.0	9.1	9.1	9.2	9.2	9.2	9.1	9.1	9.0	8.7	8.8
G62.0	8.6	8.6	8.7	8.6	8.7	8.6	8.5	8.4	8.2	8.1
G63.0	8.0	8.1	8.2	8.1	8.1	8.1	8.0	7.9	7.7	7.6
G64.0	7.6	7.5	7.6	7.6	7.6	7.5	7.5	7.4	7.2	7.0
G65.0	7.1	7.1	7.2	7.2	7.1	7.1	7.1	6.9	6.8	6.6
G66.0	6.6	6.6	6.6	6.7	6.7	6.6	6.6	6.4	6.3	6.1
G67.0	6.0	6.1	6.1	6.2	6.2	6.2	6.1	5.9	5.8	5.7
G68.0	5.6	5.6	5.7	5.7	5.7	5.6	5.7	5.4	5.3	5.2
G69.0	5.0	5.2	5.2	5.3	5.3	5.2	5.2	5.1	4.8	4.8
G70.0	4.6	4.7	4.8	4.8	4.8	4.8	4.8	4.6	4.4	4.2
G71.0	4.1	4.3	4.3	4.4	4.4	4.3	4.3	4.2	4.0	3.9
G72.0	3.6	3.8	3.8	4.0	3.9	3.9	3.8	3.7	3.5	3.5
G73.0	3.3	3.4	3.5	3.5	3.4	3.5	3.4	3.2	3.2	3.1

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:



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	517.2	515.9	516.2	515.5	515.5	515.0	524.2			
G1.0	519.4	518.2	517.5	516.8	515.7	514.8	523.0			
G2.0	519.9	518.6	517.2	515.8	514.1	512.7	520.3			
G3.0	517.6	516.4	514.0	512.2	509.1	507.0	513.3			
G4.0	512.9	511.2	508.2	506.4	502.7	499.9	505.2			
G5.0	506.7	504.7	501.2	498.5	494.0	490.9	495.2			
G6.0	497.4	495.2	490.6	488.0	482.6	479.3	483.1			
G7.0	487.2	485.0	480.1	476.8	471.5	467.7	469.8			
G8.0	473.4	472.6	466.7	463.9	456.7	453.5	454.9			
G9.0	460.2	457.7	452.5	448.9	441.8	437.2	437.8			
G10.0	445.1	442.6	437.4	433.6	426.1	420.3	420.1			
G11.0	427.0	424.8	418.4	414.7	407.0	401.8	401.2			
G12.0	409.9	407.4	401.0	397.6	389.3	383.7	383.0			
G13.0	391.8	389.0	382.2	378.7	370.5	365.1	363.6			
G14.0	372.0	369.0	362.7	358.6	350.4	345.0	343.0			
G15.0	353.8	350.0	344.1	340.3	331.4	326.5	323.1			
G16.0	332.7	331.5	322.6	320.8	310.8	306.8	302.5			
G17.0	314.0	311.2	303.8	300.5	291.5	286.6	283.4			
G18.0	294.8	292.3	285.6	281.2	273.6	268.0	265.1			
G19.0	274.6	272.2	265.3	261.6	253.6	248.9	245.2			
G20.0	256.4	254.2	247.8	244.2	236.5	231.8	228.5			
G21.0	238.8	236.9	231.0	227.4	219.8	214.6	212.3			
G22.0	219.8	217.7	212.3	208.8	201.9	197.6	194.7			
G23.0	203.8	201.8	197.0	193.5	186.9	182.8	180.1			
G24.0	187.3	186.1	180.9	178.4	170.9	168.0	164.1			
G25.0	172.4	170.4	166.4	163.8	157.6	153.7	151.1			
G26.0	158.8	156.3	153.4	151.2	145.1	141.2	138.5			
G27.0	144.3	142.7	140.0	137.6	132.5	128.7	126.4			
G28.0	132.4	131.1	128.3	126.4	121.3	118.1	115.9			
G29.0	121.1	120.4	117.9	116.2	111.3	108.3	106.5			
G30.0	109.8	109.0	106.9	105.4	100.5	98.2	97.1			
G31.0	100.7	99.7	97.7	96.3	92.2	90.0	88.7			
G32.0	91.5	90.8	89.1	87.8	83.8	81.6	80.7			
G33.0	83.4	83.0	81.3	80.2	76.6	74.9	73.8			
G34.0	76.5	76.3	74.5	73.5	70.3	68.7	67.6			
G35.0	69.8	69.1	67.8	66.8	63.9	62.2	61.2			
G36.0	63.6	63.3	61.8	60.9	58.6	57.1	56.2			

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	57.7	58.2	56.2	55.9	53.3	52.4	51.6			
G38.0	52.9	52.9	51.3	50.8	48.8	47.5	46.8			
G39.0	48.5	48.4	47.1	46.5	44.7	43.4	43.0			
G40.0	44.1	44.0	42.9	42.2	40.7	39.6	39.0			
G41.0	40.5	40.2	39.3	38.8	37.4	36.3	35.8			
G42.0	37.2	37.0	35.8	35.5	34.2	33.4	32.9			
G43.0	33.9	33.5	32.7	32.2	31.1	30.3	29.8			
G44.0	31.0	30.7	29.9	29.4	28.5	27.9	27.5			
G45.0	28.2	28.2	27.3	27.0	25.9	25.6	25.4			
G46.0	26.0	25.7	24.9	24.7	23.9	23.4	23.0			
G47.0	23.8	23.6	23.0	22.6	22.0	21.4	21.3			
G48.0	21.7	21.6	21.0	20.7	20.1	19.6	19.5			
G49.0	19.9	19.8	19.3	19.1	18.5	18.1	18.0			
G50.0	18.5	18.4	17.9	17.6	17.2	16.6	16.8			
G51.0	16.9	16.8	16.4	16.3	15.8	15.6	15.5			
G52.0	15.8	15.6	15.3	15.1	14.7	14.5	14.5			
G53.0	14.5	14.4	14.1	14.1	13.6	13.5	13.6			
G54.0	13.5	13.4	13.1	13.0	12.7	12.6	12.6			
G55.0	12.6	12.5	12.2	12.2	11.9	11.8	11.8			
G56.0	11.8	11.7	11.4	11.3	11.0	11.0	11.1			
G57.0	11.0	10.9	10.7	10.6	10.4	10.4	10.4			
G58.0	10.4	10.1	10.0	10.0	9.8	9.7	9.8			
G59.0	9.7	9.4	9.3	9.3	9.2	9.1	9.1			
G60.0	9.1	8.9	8.8	8.6	8.6	8.5	8.6			
G61.0	8.4	8.4	8.2	8.2	8.0	8.1	8.0			
G62.0	8.0	7.8	7.6	7.6	7.5	7.4	7.5			
G63.0	7.4	7.4	7.2	7.1	7.0	7.0	7.0			
G64.0	6.9	6.8	6.7	6.6	6.5	6.6	6.5			
G65.0	6.4	6.4	6.2	6.1	6.0	6.0	6.1			
G66.0	6.0	5.9	5.8	5.6	5.5	5.6	5.6			
G67.0	5.4	5.4	5.2	5.2	5.0	5.1	5.1			
G68.0	5.1	5.0	4.8	4.7	4.6	4.6	4.7			
G69.0	4.6	4.5	4.2	4.2	4.1	4.2	4.3			
G70.0	4.2	4.1	3.8	3.8	3.7	3.7	3.8			
G71.0	3.8	3.7	3.4	3.4	3.2	3.4	3.4			
G72.0	3.3	3.3	3.0	2.9	2.8	2.9	3.0			
G73.0	2.9	2.9	2.5	2.5	2.5	2.5	2.5			

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:

