



Report No.:

Test Time: 2021-04-10 11:10

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: RAD-S-CIS-9.3000.24.-.1555

Luminous Length (mm): -80

Luminous Width (mm): -80

Luminous Height (mm): 72,7

Voltage: 24.0 V

Current: 0.352 A

Power: 8.45 W

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 542.7 lm

Downward Ratio: 100%

Total Rated Lamp Lumens: 542.7 lm

Efficiency: 100%

Upward Ratio: 0%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 79.4, 44.3, 50.5, 50.7

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 50.8, 17.5, 21.9, 21.6

Luminaire Efficacy Rating (LER): 64.27

Central Intensity: 1616.48 cd

Max. Intensity: 1616.48 cd

Pos of Max. Intensity: H0 V0

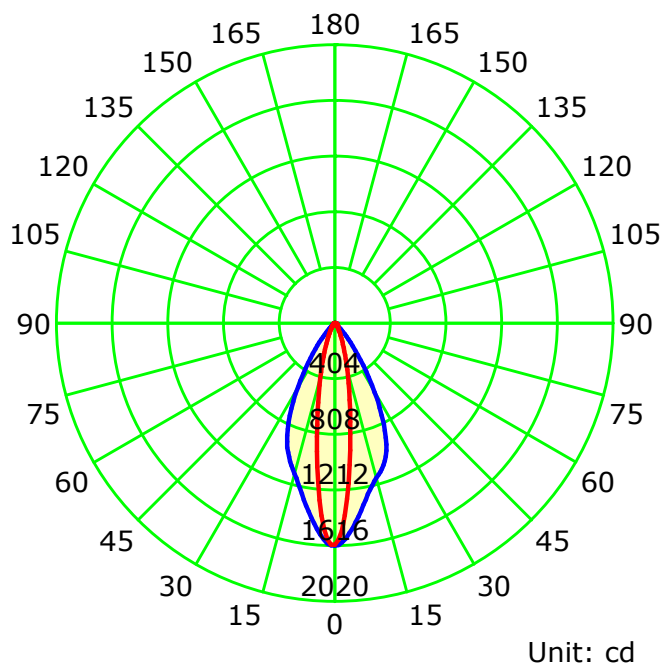
S/MH(C0/C180): 0.77

S/MH(C90/C270): 0.30

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

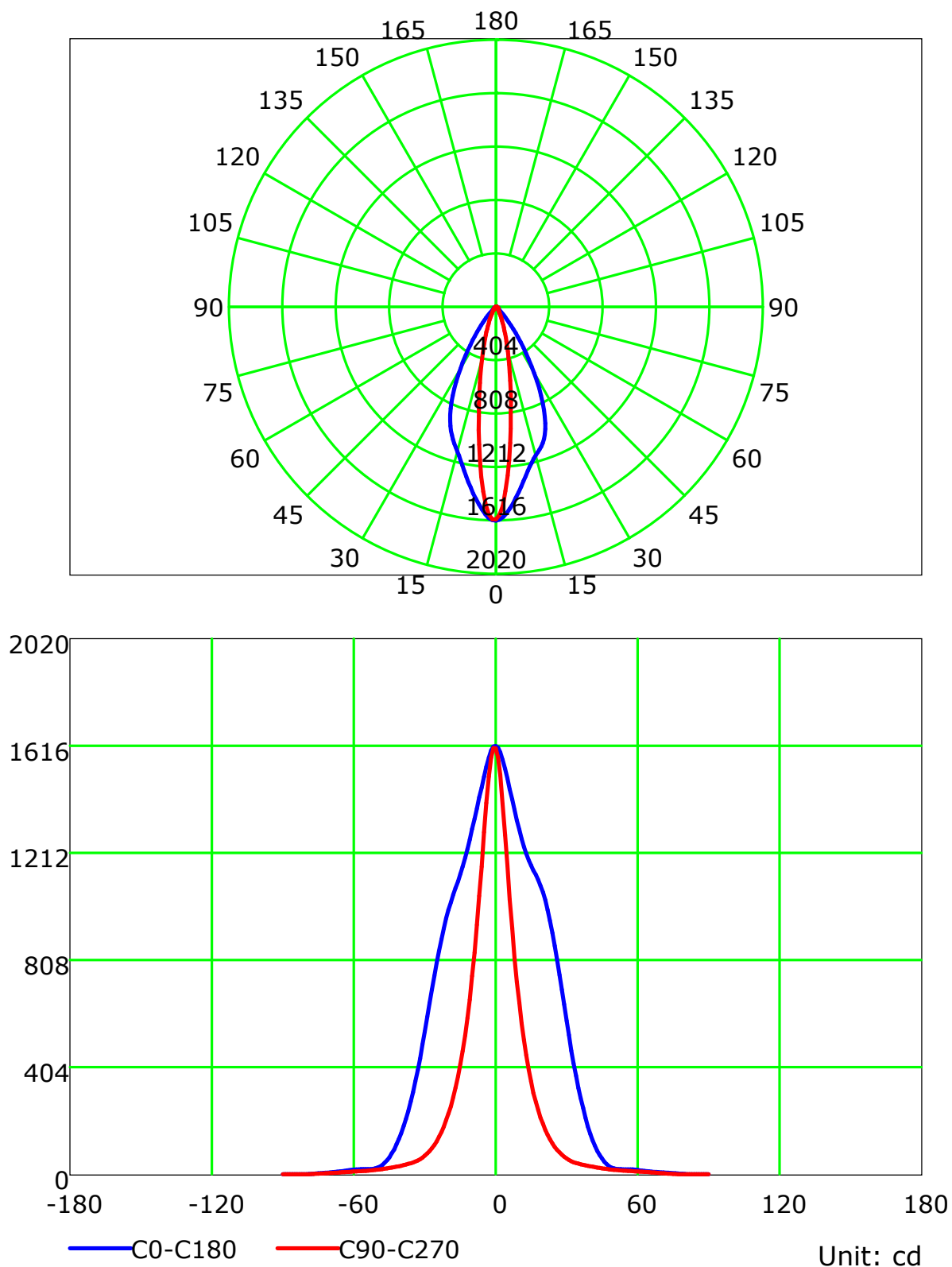
Test Device: LSG-1700B

Distance: 9.600 m

Humidity:

Inspector:

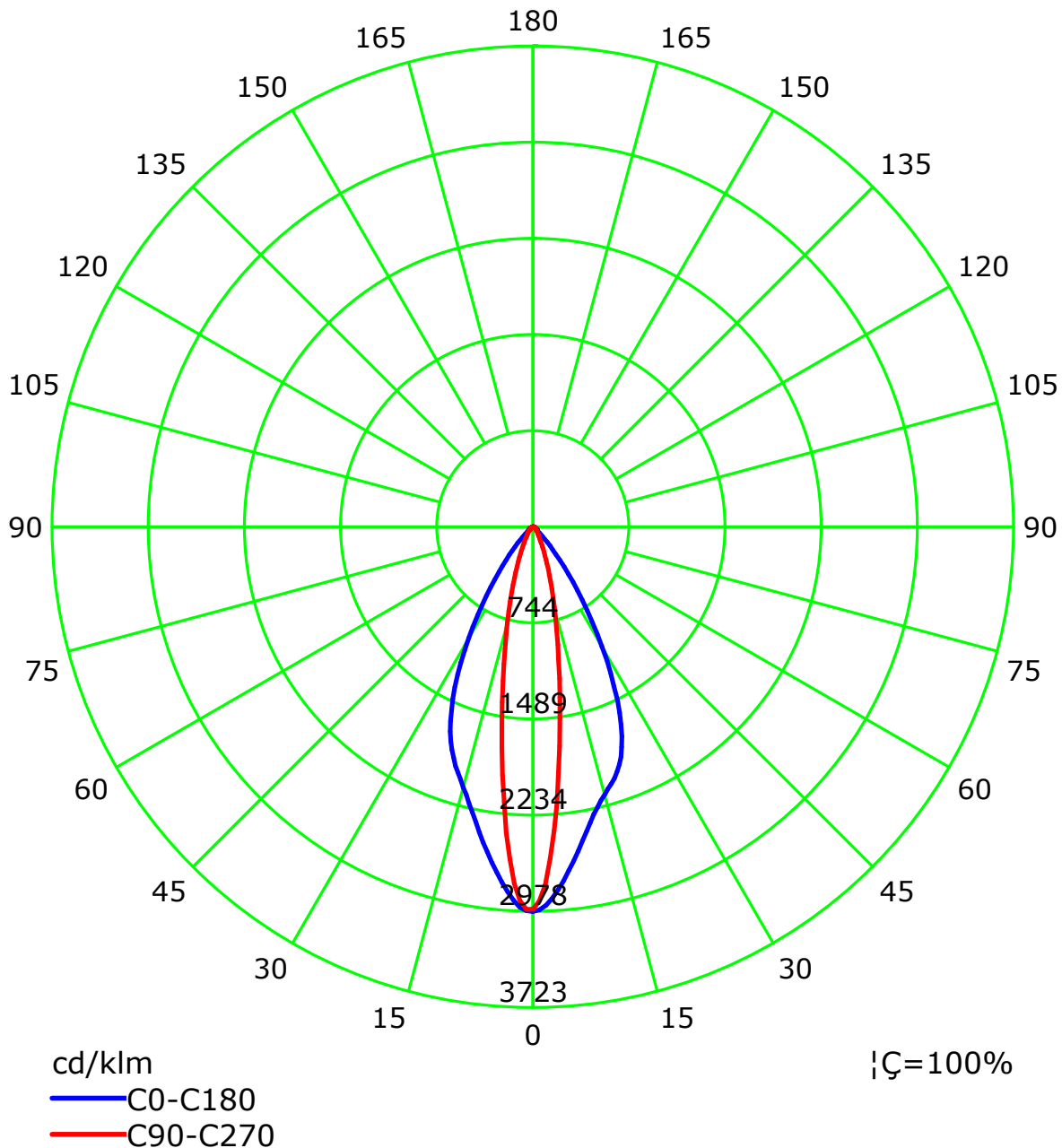
Luminous Intensity Distribution Curve



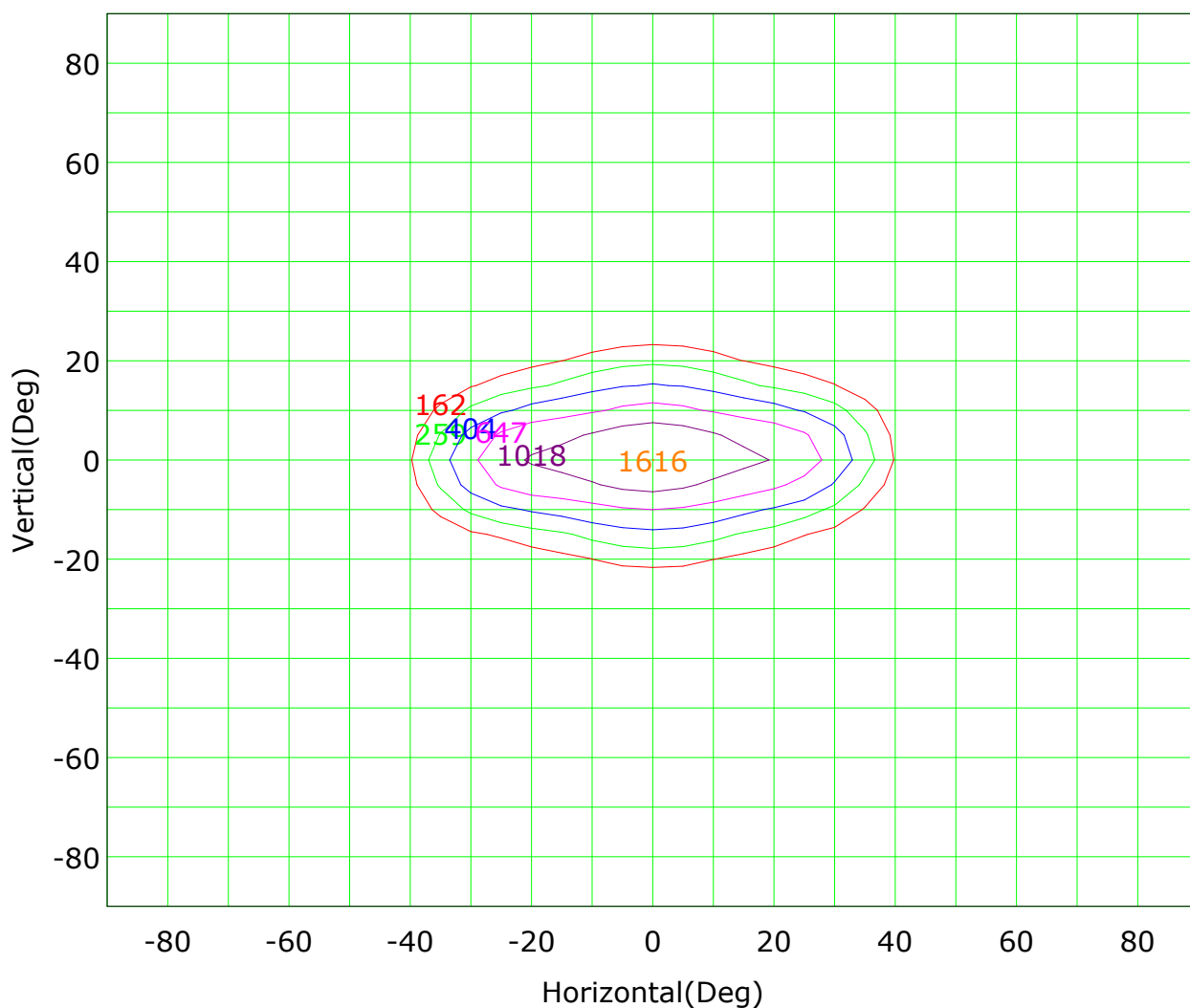
C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

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

Luminous Intensity Distribution Curve(cd/klm)



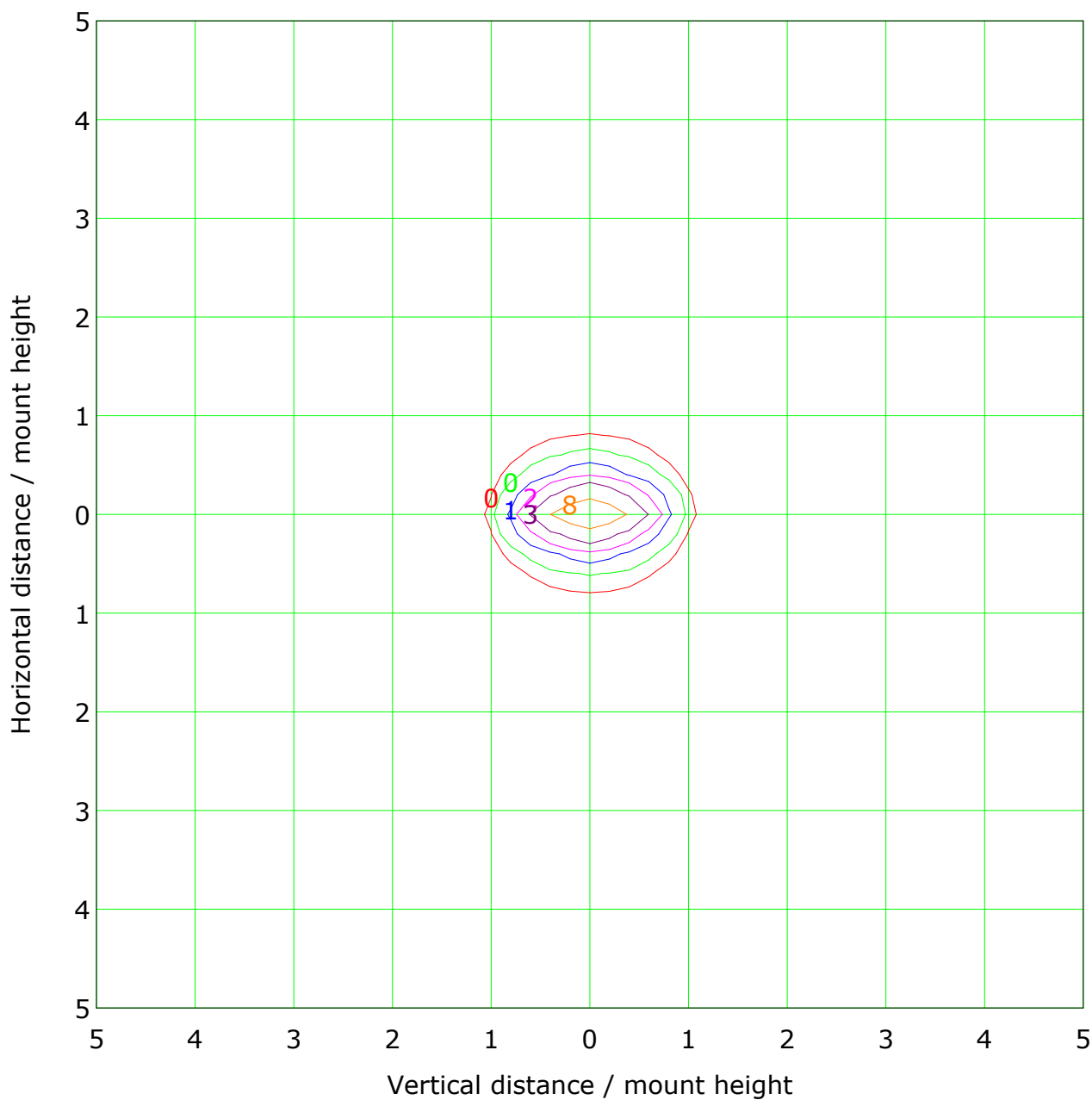
Isocandela (rectangle)



Imax (100%): 1616 cd

(10%): 162 cd	(16%): 259 cd
(25%): 404 cd	(40%): 647 cd
(63%): 1018 cd	(100%): 1616 cd

IsoLux Plot



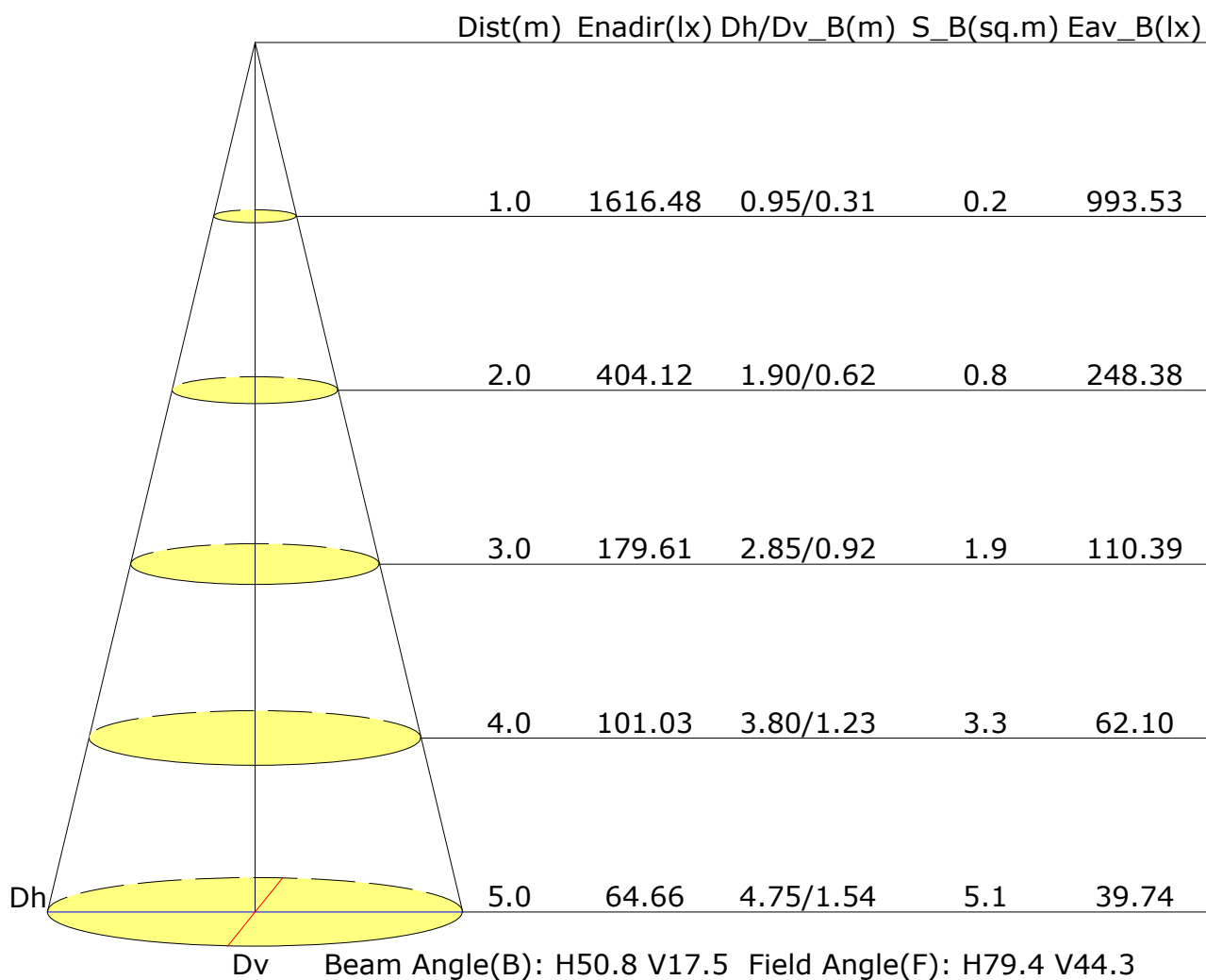
Mounting Height: 10.0m Max Lux(100%): 16.2 lx

(1%): 0.2 lx	(2%): 0.3 lx
(5%): 0.8 lx	(10%): 1.6 lx
(20%): 3.2 lx	(50%): 8.1 lx
(100%): 16.2 lx	

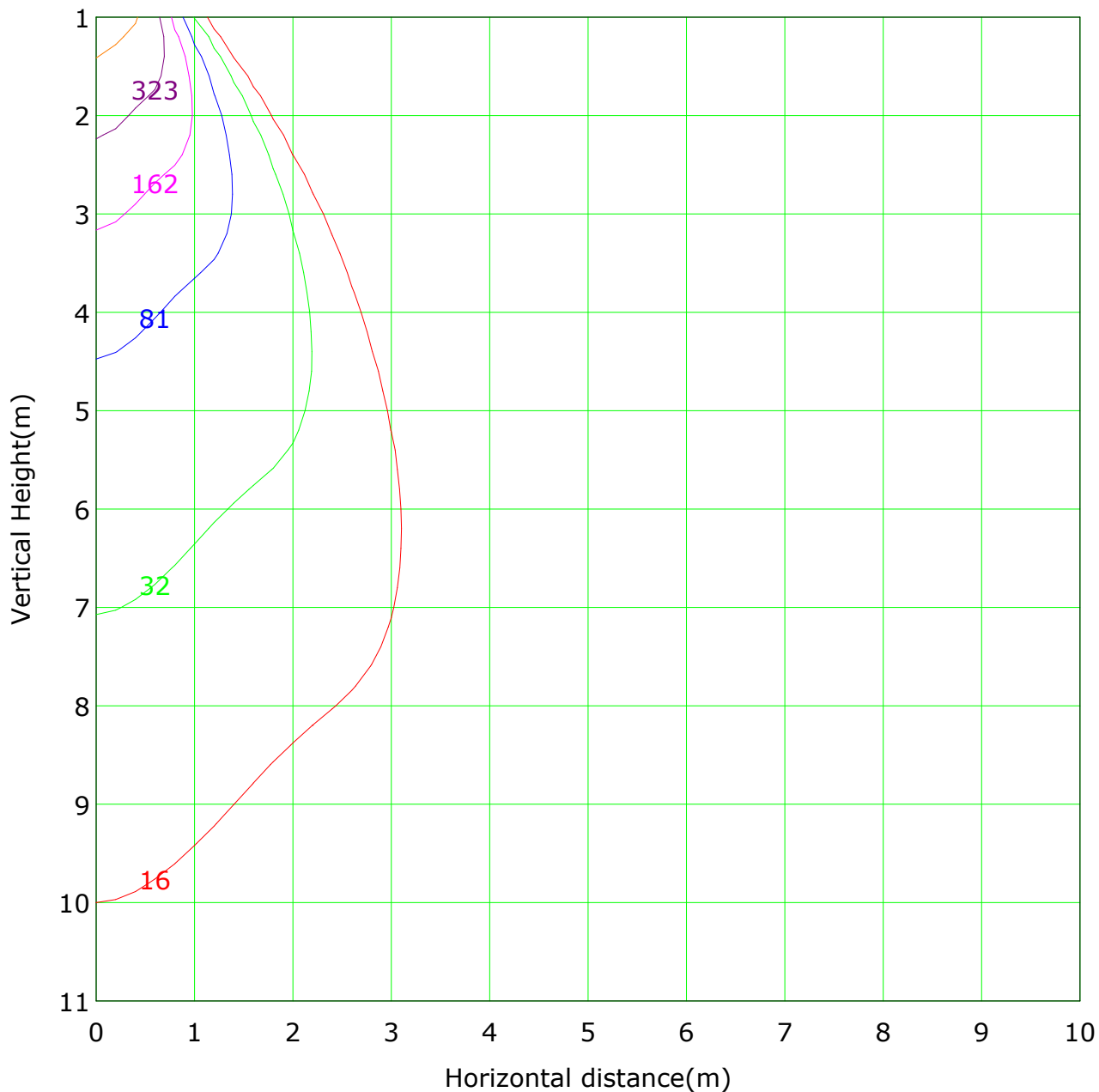
C Plane (°):0.0-360.0: 10.0
Test Lab: Svet-lab
Test Type: TYPE C
Temperature:
Operator: Svet-lab

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

Illuminance at a Distance

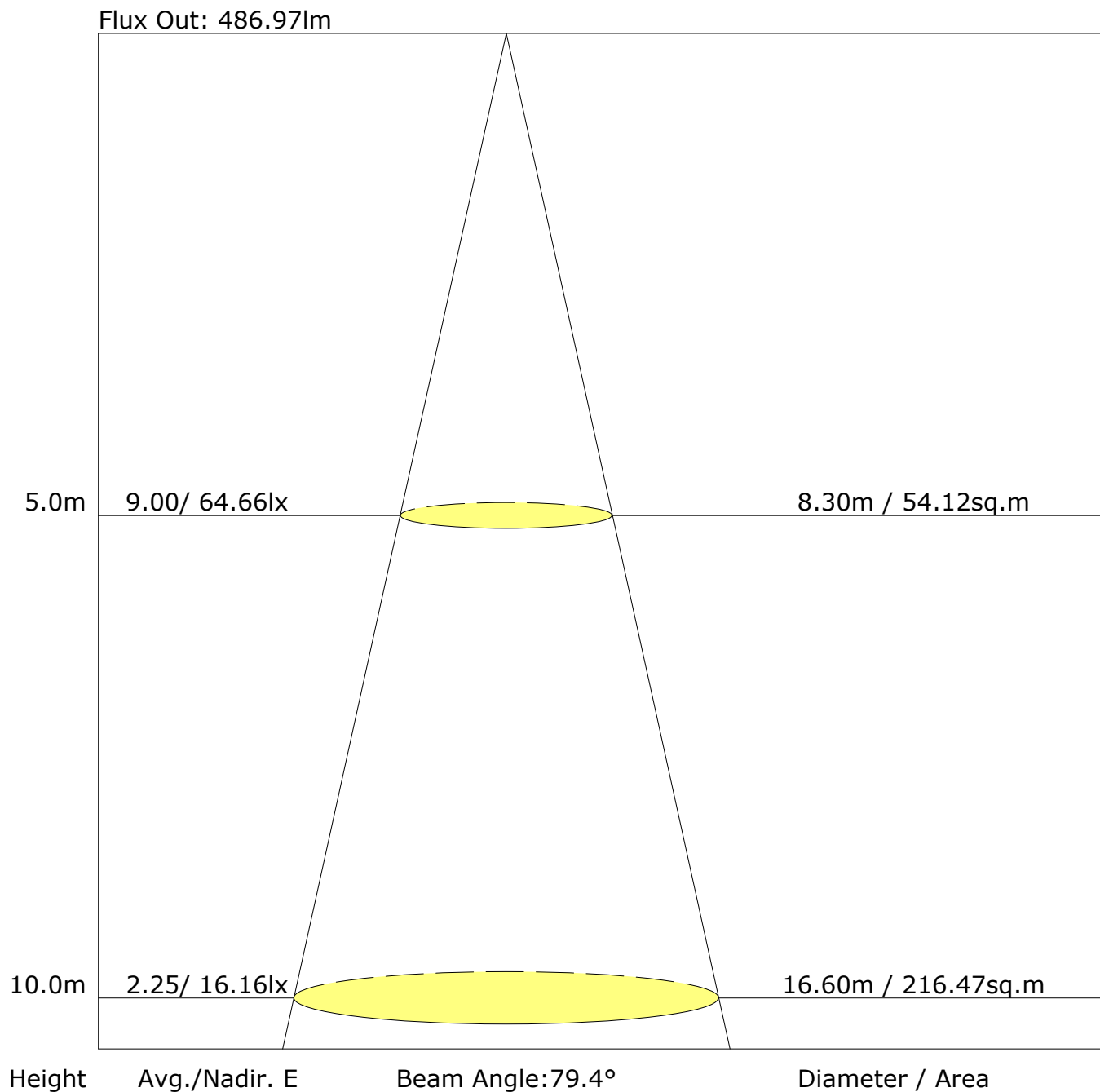


Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1616.5 lx
 (1%): 16.2 lx (2%): 32.3 lx
 (5%): 80.8 lx (10%): 161.6 lx
 (20%): 323.3 lx (50%): 808.2 lx
 (100%):1616.5 lx

The Average Illuminance Effective Figure



UGR Table

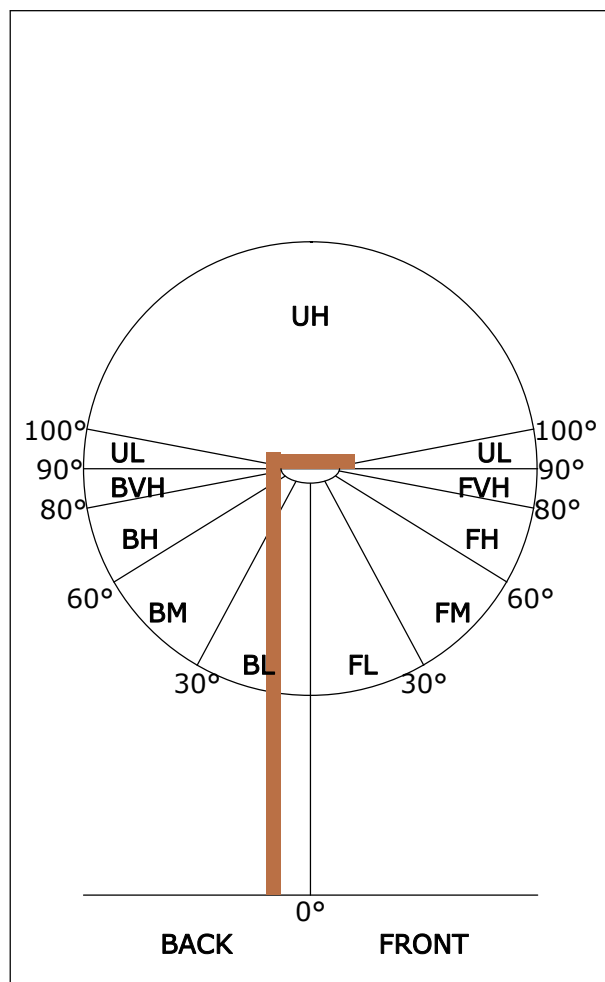
Reflectance:										
Ceiling (cavity)	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
X=2H Y=2H	21.8	22.6	22.0	22.8	23.0	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	21.6	22.3	21.9	22.5	22.8	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	21.5	22.2	21.8	22.4	22.7	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	21.4	22.0	21.7	22.3	22.6	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	21.4	22.0	21.7	22.3	22.6	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	21.3	21.9	21.7	22.2	22.5	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=4H Y=2H	21.5	22.2	21.8	22.5	22.7	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
3H	21.3	21.9	21.7	22.2	22.5	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
4H	21.2	21.7	21.6	22.1	22.4	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	21.1	21.6	21.5	21.9	22.3	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	21.1	21.5	21.5	21.9	22.3	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	21.0	21.4	21.5	21.8	22.2	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=8H Y=4H	21.1	21.5	21.5	21.9	22.3	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	21.0	21.3	21.4	21.7	22.2	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	20.9	21.2	21.4	21.7	22.2	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
12H	20.9	21.1	21.4	21.6	22.1	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
X=12H Y=4H	21.0	21.4	21.5	21.8	22.2	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
6H	20.9	21.2	21.4	21.7	22.2	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
8H	20.9	21.1	21.4	21.6	22.1	-1.\$	-1.\$	-1.\$	-1.\$	-1.\$
Variations with the observer position at spacings:										
S=1.0H	+8.8/-1.\$					-1.\$/4.4				
S=1.5H	+11.6/-1.\$					-1.\$/6.4				
S=2.0H	+13.6/-1.\$					-1.\$/8.2				

Calculate in accordance with CIE Pub.117. The table is revised with 543lm ($8\log(F/F_0) = -2.1$).

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:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



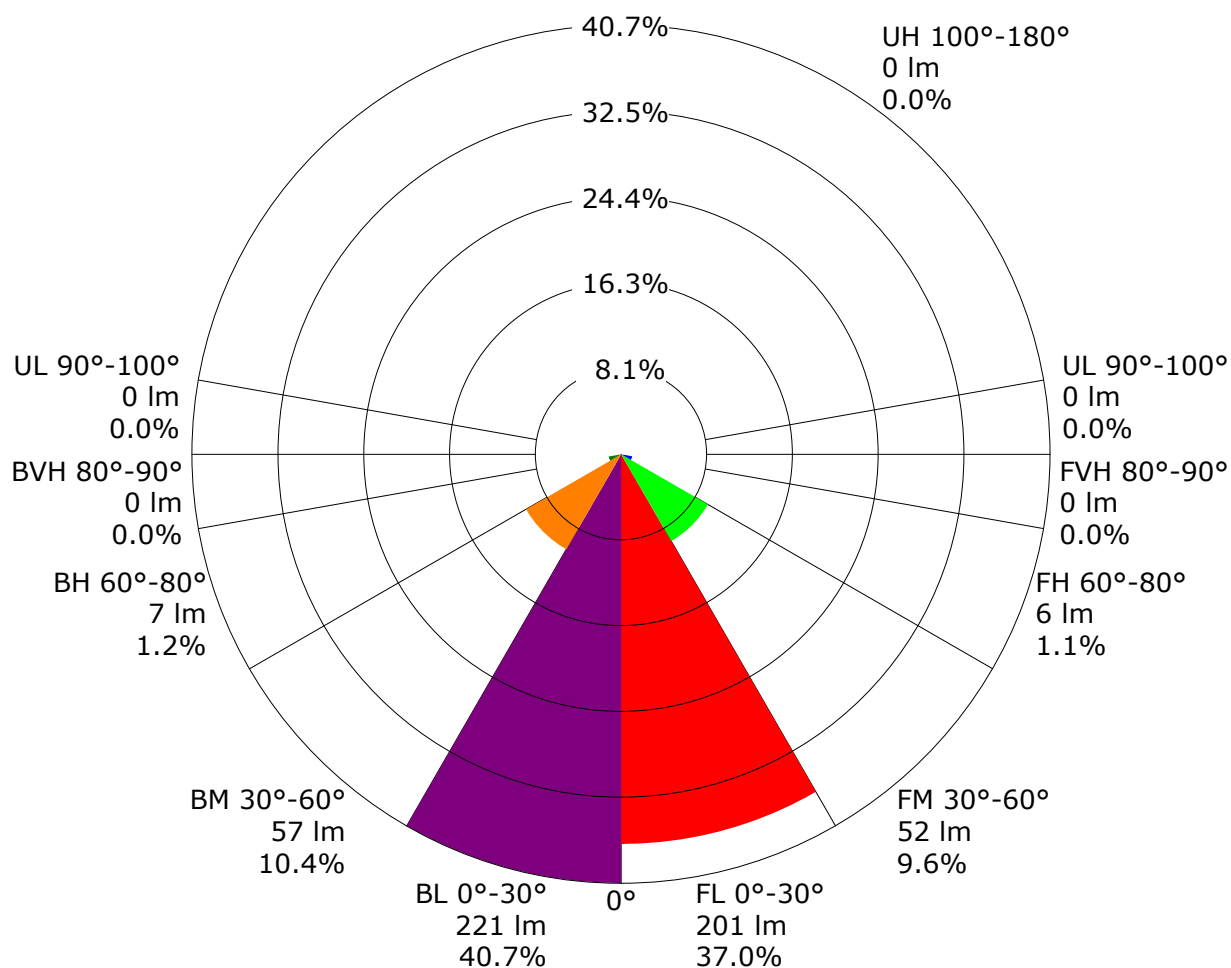
ZONE	LUMENS	% LAMP LUMENS
FORWARD LIGHT	259	47.7
FL (0°-30°)	201	37.0
FM (30°-60°)	52	9.6
FH (60°-80°)	6	1.1
FVH (80°-90°)	0	0.0
BACK LIGHT	284	52.3
BL (0°-30°)	221	40.7
BM (30°-60°)	57	10.4
BH (60°-80°)	7	1.2
BVH (80°-90°)	0	0.0
UP LIGHT	0	0.0
UL (90°-100°)	0	0.0
UH (100°-180°)	0	0.0
TRAPPED LIGHT	NA	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	1603.3	1.5	1.5	0.28	0.28
1.0-2.0	1581.0	4.5	6.1	0.84	1.12
2.0-3.0	1533.9	7.3	13.4	1.35	2.47
3.0-4.0	1468.2	9.8	23.2	1.81	4.28
4.0-5.0	1393.1	12.0	35.2	2.21	6.49
5.0-6.0	1308.4	13.8	49.0	2.53	9.02
6.0-7.0	1221.7	15.2	64.1	2.79	11.82
7.0-8.0	1137.4	16.3	80.4	3.00	14.82
8.0-9.0	1053.4	17.1	97.5	3.15	17.97
9.0-10.0	975.0	17.6	115.1	3.25	21.22
10.0-11.0	899.9	18.0	133.1	3.31	24.53
11.0-12.0	829.6	18.1	151.3	3.34	27.87
12.0-13.0	767.4	18.2	169.5	3.36	31.23
13.0-14.0	707.4	18.1	187.6	3.34	34.57
14.0-15.0	652.5	17.9	205.5	3.30	37.87
15.0-16.0	603.6	17.7	223.2	3.26	41.13
16.0-17.0	558.5	17.4	240.6	3.21	44.33
17.0-18.0	518.5	17.1	257.7	3.15	47.48
18.0-19.0	480.3	16.7	274.4	3.08	50.56
19.0-20.0	444.6	16.3	290.7	3.00	53.56
20.0-21.0	412.2	15.8	306.5	2.92	56.48
21.0-22.0	380.5	15.3	321.8	2.82	59.30
22.0-23.0	350.8	14.7	336.5	2.71	62.01
23.0-24.0	322.7	14.1	350.6	2.60	64.61
24.0-25.0	295.9	13.5	364.1	2.48	67.09
25.0-26.0	271.6	12.8	376.9	2.36	69.45
26.0-27.0	248.2	12.1	389.1	2.24	71.69
27.0-28.0	226.1	11.4	400.5	2.11	73.80
28.0-29.0	205.8	10.8	411.3	1.98	75.79
29.0-30.0	186.0	10.0	421.3	1.85	77.64
30.0-31.0	167.8	9.3	430.7	1.72	79.36
31.0-32.0	151.1	8.7	439.3	1.60	80.95
32.0-33.0	135.8	8.0	447.3	1.47	82.43
33.0-34.0	122.7	7.4	454.7	1.37	83.79
34.0-35.0	110.2	6.8	461.6	1.26	85.06
35.0-36.0	98.9	6.3	467.9	1.16	86.22

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	88.8	5.8	473.7	1.07	87.28
37.0-38.0	79.3	5.3	479.0	0.98	88.26
38.0-39.0	70.9	4.8	483.8	0.89	89.15
39.0-40.0	63.1	4.4	488.2	0.81	89.96
40.0-41.0	56.1	4.0	492.2	0.74	90.70
41.0-42.0	50.2	3.6	495.8	0.67	91.37
42.0-43.0	44.7	3.3	499.2	0.61	91.98
43.0-44.0	39.7	3.0	502.2	0.55	92.53
44.0-45.0	35.4	2.7	504.9	0.50	93.03
45.0-46.0	31.5	2.5	507.3	0.45	93.49
46.0-47.0	28.2	2.2	509.6	0.41	93.90
47.0-48.0	25.3	2.0	511.6	0.38	94.28
48.0-49.0	22.8	1.9	513.5	0.34	94.62
49.0-50.0	20.8	1.7	515.2	0.32	94.94
50.0-51.0	19.3	1.6	516.9	0.30	95.24
51.0-52.0	18.1	1.5	518.4	0.29	95.53
52.0-53.0	17.2	1.5	519.9	0.28	95.80
53.0-54.0	16.6	1.5	521.4	0.27	96.07
54.0-55.0	16.1	1.4	522.8	0.27	96.34
55.0-56.0	15.8	1.4	524.2	0.26	96.60
56.0-57.0	15.6	1.4	525.7	0.26	96.86
57.0-58.0	15.3	1.4	527.1	0.26	97.13
58.0-59.0	15.0	1.4	528.5	0.26	97.38
59.0-60.0	14.5	1.4	529.8	0.25	97.64
60.0-61.0	13.9	1.3	531.2	0.24	97.88
61.0-62.0	13.1	1.3	532.4	0.23	98.11
62.0-63.0	12.3	1.2	533.6	0.22	98.33
63.0-64.0	11.4	1.1	534.8	0.21	98.54
64.0-65.0	10.5	1.0	535.8	0.19	98.73
65.0-66.0	9.6	1.0	536.8	0.18	98.91
66.0-67.0	8.7	0.9	537.6	0.16	99.07
67.0-68.0	7.8	0.8	538.4	0.15	99.22
68.0-69.0	7.0	0.7	539.1	0.13	99.35
69.0-70.0	6.2	0.6	539.8	0.12	99.47
70.0-71.0	5.5	0.6	540.4	0.10	99.57
71.0-72.0	4.8	0.5	540.9	0.09	99.66

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	1616.5	1615.5	1615.3	1613.5	1613.9	1611.0	1611.9	1608.4	1610.6	1607.3
G1.0	1610.5	1605.7	1604.0	1597.8	1595.3	1587.6	1587.4	1579.2	1580.0	1573.8
G2.0	1591.8	1585.0	1578.6	1565.7	1557.7	1540.2	1531.8	1514.7	1517.0	1506.3
G3.0	1563.8	1551.1	1539.4	1513.7	1492.7	1462.0	1447.3	1420.0	1412.9	1397.0
G4.0	1529.5	1515.7	1494.1	1455.2	1425.2	1376.7	1350.2	1312.2	1303.7	1280.1
G5.0	1493.8	1474.6	1447.1	1394.5	1346.1	1286.5	1247.5	1198.0	1184.4	1166.3
G6.0	1452.5	1430.3	1387.7	1318.5	1256.3	1177.2	1128.8	1077.0	1061.1	1036.7
G7.0	1414.7	1385.8	1334.0	1247.7	1166.1	1079.8	1024.8	965.0	948.0	929.0
G8.0	1375.5	1339.2	1275.3	1166.9	1078.5	969.4	919.4	855.4	847.8	815.7
G9.0	1335.8	1294.3	1212.6	1088.2	979.6	877.0	817.2	763.3	743.6	726.4
G10.0	1300.4	1254.0	1153.7	1014.5	896.0	786.2	727.8	676.9	663.4	647.9
G11.0	1265.8	1211.8	1093.2	932.7	804.5	698.9	642.0	593.7	585.1	568.6
G12.0	1235.5	1174.3	1036.0	863.4	728.8	625.7	572.0	529.1	518.3	507.7
G13.0	1210.1	1139.2	983.1	793.7	658.3	556.1	506.5	468.7	459.2	450.1
G14.0	1184.8	1104.3	927.3	721.8	584.7	488.6	443.4	412.3	403.7	394.1
G15.0	1165.4	1076.2	877.2	662.7	523.0	433.5	395.2	365.1	357.5	350.5
G16.0	1146.3	1047.5	825.1	602.7	465.2	382.9	346.6	321.8	315.0	306.8
G17.0	1129.9	1022.6	781.5	549.2	417.4	341.9	309.6	287.0	281.0	273.2
G18.0	1111.6	995.7	737.1	501.4	372.9	305.2	276.6	254.9	249.7	243.7
G19.0	1089.3	965.5	691.5	451.4	330.9	268.3	243.3	225.2	220.7	213.9
G20.0	1063.9	933.3	649.4	410.2	294.7	240.0	217.1	200.4	196.1	190.9
G21.0	1035.0	896.7	605.6	367.2	264.3	211.2	192.8	177.0	175.2	167.8
G22.0	998.2	858.2	560.4	332.6	234.6	188.6	170.3	156.7	153.6	149.7
G23.0	957.6	815.6	517.5	299.3	210.3	169.8	151.4	139.5	136.8	132.6
G24.0	910.8	768.5	473.4	268.0	188.4	152.1	134.5	122.5	120.2	116.8
G25.0	862.1	721.0	433.5	241.0	170.0	137.7	120.9	109.5	106.7	103.3
G26.0	812.0	674.0	396.7	218.1	154.5	125.4	109.4	98.4	95.7	92.7
G27.0	751.9	621.4	358.4	195.4	138.8	113.3	98.2	87.3	85.0	82.8
G28.0	697.3	573.4	324.0	176.1	126.9	102.9	88.4	78.6	76.7	74.4
G29.0	642.1	518.7	293.2	158.1	115.6	92.7	80.1	69.8	68.7	66.6
G30.0	579.5	470.1	260.3	142.6	104.8	84.8	71.9	63.3	61.2	60.0
G31.0	525.7	425.2	233.7	129.5	96.1	77.5	65.7	57.4	55.5	54.4
G32.0	467.0	377.0	207.4	116.0	87.3	70.6	59.7	52.0	50.1	49.2
G33.0	419.1	337.8	184.7	105.5	80.3	65.1	54.7	47.8	46.3	45.8
G34.0	371.9	301.1	165.2	96.2	73.8	60.0	50.3	44.5	43.3	43.1
G35.0	326.1	264.2	145.4	86.5	67.6	54.8	46.4	41.3	40.5	40.4
G36.0	287.4	231.4	129.7	78.9	62.3	50.8	43.2	38.8	38.2	38.2

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 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	250.2	200.1	114.4	71.2	57.3	46.5	40.2	36.3	36.3	36.0
G38.0	213.8	172.2	99.9	64.4	52.3	43.2	37.5	34.2	34.1	34.3
G39.0	181.2	147.4	87.6	58.8	48.2	40.1	35.1	32.2	32.4	32.6
G40.0	151.8	124.2	76.1	52.9	44.2	37.1	32.7	30.4	30.4	30.6
G41.0	128.5	106.3	67.1	47.9	40.5	34.4	30.8	28.7	28.7	29.0
G42.0	108.3	89.5	59.2	43.5	37.4	32.0	28.9	27.1	27.3	27.5
G43.0	88.5	74.2	51.2	39.2	34.2	29.5	26.9	25.4	25.7	25.8
G44.0	72.8	62.3	45.0	35.5	31.4	27.4	25.3	24.0	24.2	24.4
G45.0	59.7	50.8	39.2	31.8	28.9	25.4	23.8	22.4	22.8	22.9
G46.0	47.6	41.7	33.9	28.9	26.5	23.8	22.1	21.1	21.4	21.5
G47.0	38.1	34.5	29.8	26.3	24.4	22.2	20.9	20.0	20.3	20.3
G48.0	30.5	28.4	25.8	23.6	22.4	20.7	19.6	18.8	19.0	19.1
G49.0	25.7	24.2	22.9	21.5	20.9	19.4	18.5	17.8	18.0	18.0
G50.0	22.5	21.5	20.9	19.9	19.4	18.2	17.6	16.9	17.2	17.2
G51.0	20.5	19.9	19.2	18.4	18.1	17.2	16.7	16.1	16.2	16.4
G52.0	19.7	19.2	18.3	17.5	17.2	16.5	15.9	15.3	15.6	15.6
G53.0	19.3	18.8	18.0	16.9	16.6	15.7	15.2	14.6	14.8	14.9
G54.0	18.8	18.6	17.8	16.6	16.0	15.3	14.7	14.0	14.1	14.2
G55.0	18.7	18.4	17.9	16.4	15.8	14.9	14.3	13.5	13.5	13.7
G56.0	18.7	18.4	17.8	16.4	15.7	14.6	13.9	13.0	12.9	13.1
G57.0	18.5	18.0	17.6	16.2	15.5	14.4	13.5	12.6	12.4	12.5
G58.0	18.3	17.3	17.1	15.8	15.2	14.1	13.3	12.3	11.9	12.0
G59.0	17.6	16.5	16.1	15.0	14.7	13.7	12.9	11.8	11.4	11.3
G60.0	16.4	15.3	14.9	14.1	13.9	13.1	12.4	11.5	11.0	10.9
G61.0	15.1	14.0	13.6	12.9	12.8	12.3	11.8	11.0	10.6	10.3
G62.0	13.9	12.9	12.4	11.8	11.9	11.4	11.2	10.6	10.1	9.8
G63.0	12.8	11.8	11.4	10.9	11.0	10.5	10.4	10.0	9.6	9.3
G64.0	11.6	10.8	10.3	9.8	10.0	9.6	9.5	9.2	9.0	8.8
G65.0	10.7	9.9	9.5	9.1	9.1	8.9	8.8	8.4	8.4	8.2
G66.0	9.9	9.1	8.9	8.3	8.3	8.2	8.0	7.6	7.7	7.5
G67.0	9.3	8.6	8.3	7.6	7.5	7.5	7.3	6.9	6.9	6.9
G68.0	8.7	8.0	7.6	6.9	6.7	6.7	6.7	6.2	6.2	6.3
G69.0	7.9	7.4	7.1	6.3	5.9	5.9	6.0	5.5	5.4	5.4
G70.0	7.4	6.9	6.5	5.6	5.3	5.3	5.3	4.8	4.8	4.6
G71.0	6.9	6.4	5.8	5.1	4.6	4.6	4.6	4.4	4.1	3.8
G72.0	6.3	5.9	5.2	4.5	4.0	3.9	3.8	3.7	3.4	3.0
G73.0	5.8	5.3	4.8	4.0	3.5	3.2	3.2	3.0	2.7	2.4

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	1608.3	1604.9	1606.4	1603.7	1604.9	1601.9	1601.7	1599.9	1616.5	1615.5
G1.0	1576.7	1574.5	1579.2	1577.6	1584.5	1584.4	1589.4	1593.1	1613.8	1615.8
G2.0	1512.4	1508.1	1520.8	1526.4	1542.0	1550.1	1565.1	1572.7	1599.4	1603.8
G3.0	1405.8	1404.5	1430.3	1441.6	1473.4	1491.6	1518.8	1537.0	1571.5	1575.3
G4.0	1294.7	1298.6	1331.3	1353.8	1399.1	1430.8	1470.7	1498.6	1537.1	1542.4
G5.0	1176.3	1184.2	1224.3	1256.4	1315.7	1361.2	1415.5	1454.3	1499.8	1503.0
G6.0	1053.1	1064.3	1104.7	1146.9	1224.3	1282.2	1355.2	1408.0	1460.0	1461.1
G7.0	941.6	954.1	1002.1	1050.5	1132.8	1207.3	1295.3	1360.6	1421.7	1420.4
G8.0	842.5	842.5	900.5	948.1	1042.0	1125.2	1235.8	1311.0	1379.9	1378.9
G9.0	740.3	753.9	802.3	854.9	949.0	1046.3	1166.3	1264.8	1341.8	1330.1
G10.0	660.5	673.9	719.8	772.1	867.7	972.8	1106.4	1217.0	1303.0	1288.3
G11.0	579.3	592.6	635.2	685.1	780.6	891.4	1040.9	1167.8	1262.7	1242.4
G12.0	517.2	529.0	567.3	612.9	708.1	822.8	978.8	1122.8	1227.0	1202.5
G13.0	461.2	469.7	504.3	549.8	641.9	755.1	922.2	1079.0	1194.8	1162.3
G14.0	404.0	412.5	446.0	485.6	572.0	685.4	860.2	1035.8	1160.8	1121.1
G15.0	358.0	368.4	396.3	435.1	513.5	628.7	808.2	996.1	1133.5	1086.5
G16.0	315.7	325.6	350.8	385.5	458.8	570.8	752.3	956.8	1105.6	1054.9
G17.0	281.7	289.0	312.5	343.8	411.9	519.5	706.0	922.0	1080.7	1019.8
G18.0	250.3	258.4	279.8	308.5	371.4	474.9	659.5	885.6	1055.8	988.6
G19.0	220.8	227.1	246.0	272.8	330.4	427.7	612.7	846.7	1026.3	954.2
G20.0	195.9	202.1	219.8	244.8	297.8	389.5	568.8	808.9	997.5	920.0
G21.0	174.7	177.3	195.2	216.6	268.5	349.8	527.9	767.0	966.0	884.5
G22.0	154.0	157.7	172.1	194.8	238.6	317.8	482.7	725.9	927.8	843.8
G23.0	136.8	139.7	153.9	174.3	215.2	288.2	444.8	685.3	887.6	802.9
G24.0	120.9	123.6	135.9	155.3	191.5	257.5	405.2	637.7	842.2	761.4
G25.0	107.5	110.6	122.3	140.0	173.2	233.1	369.7	595.8	797.9	712.2
G26.0	96.3	98.7	110.0	126.8	156.4	210.5	338.1	553.7	749.1	667.3
G27.0	85.4	87.9	98.5	114.3	141.1	189.4	304.3	505.5	696.3	617.3
G28.0	77.1	78.8	88.8	103.6	128.0	171.3	276.7	464.0	646.9	571.5
G29.0	69.4	70.5	80.6	93.5	116.8	154.3	249.7	418.0	594.5	523.6
G30.0	62.2	63.7	72.3	85.1	106.0	140.4	223.7	379.3	538.3	472.8
G31.0	56.3	58.0	65.9	78.0	97.1	127.3	201.7	341.0	490.1	430.2
G32.0	50.8	52.8	60.1	70.7	88.0	114.4	178.9	301.8	437.2	383.8
G33.0	46.9	48.7	55.2	64.9	80.7	104.2	161.5	270.1	393.6	345.7
G34.0	43.8	45.4	51.1	59.9	73.8	95.0	145.1	241.1	350.6	308.4
G35.0	41.0	42.2	47.1	54.7	67.4	85.6	129.6	212.0	309.5	272.3
G36.0	38.8	39.6	43.7	50.7	61.8	78.0	115.9	187.0	274.6	241.9

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	36.9	37.0	40.9	46.7	56.9	70.7	103.8	163.9	237.7	212.2
G38.0	34.7	34.9	37.9	43.3	51.9	64.1	91.7	144.1	208.6	184.4
G39.0	32.8	32.8	35.6	40.2	47.9	58.5	80.6	125.9	181.7	161.4
G40.0	30.9	30.9	33.2	37.2	43.9	52.6	70.9	107.0	154.0	138.1
G41.0	29.3	29.2	31.2	34.8	40.5	48.0	63.0	92.5	132.9	118.7
G42.0	27.7	27.7	29.4	32.4	37.3	43.5	56.1	78.8	113.5	102.0
G43.0	26.0	26.0	27.5	30.0	34.1	39.3	49.5	67.0	94.0	85.3
G44.0	24.6	24.6	25.8	28.0	31.5	35.8	44.0	57.5	79.4	72.5
G45.0	23.2	23.0	24.4	26.0	28.9	32.4	38.8	48.7	64.1	61.1
G46.0	21.7	21.8	22.8	24.4	26.6	29.4	34.0	41.0	53.0	50.7
G47.0	20.4	20.7	21.5	22.8	24.6	26.9	29.9	34.9	43.6	42.5
G48.0	19.1	19.5	20.3	21.3	22.6	24.1	26.2	28.9	35.1	35.0
G49.0	18.1	18.4	19.1	20.0	21.1	22.1	23.3	25.0	29.3	29.8
G50.0	17.2	17.6	18.1	19.0	19.6	20.2	20.9	22.3	25.4	25.8
G51.0	16.4	16.6	17.2	17.8	18.1	18.4	19.0	20.2	22.5	23.0
G52.0	15.5	15.9	16.4	17.0	17.2	17.2	17.9	19.0	20.9	21.4
G53.0	14.9	15.1	15.7	16.2	16.4	16.2	17.3	18.4	19.9	20.3
G54.0	14.1	14.5	15.1	15.5	15.6	16.0	17.1	18.2	19.4	19.9
G55.0	13.7	13.9	14.5	14.9	15.2	15.9	17.1	18.2	19.3	19.8
G56.0	13.1	13.4	14.0	14.5	15.1	15.9	17.4	18.4	19.5	19.6
G57.0	12.4	12.9	13.7	14.3	15.0	16.1	17.6	18.4	19.6	19.5
G58.0	12.1	12.5	13.3	14.1	15.1	16.2	17.6	18.2	19.2	19.3
G59.0	11.5	12.1	13.1	14.1	15.0	16.0	17.2	17.7	18.7	18.8
G60.0	11.0	11.7	12.8	14.0	14.9	15.4	16.6	17.0	17.8	18.0
G61.0	10.6	11.3	12.4	13.6	14.3	14.5	15.5	15.8	16.8	17.2
G62.0	10.1	10.8	12.1	13.1	13.4	13.3	14.3	14.7	15.6	16.1
G63.0	9.6	10.5	11.7	12.3	12.4	12.3	13.1	13.5	14.4	15.1
G64.0	8.9	9.9	11.1	11.2	11.4	11.0	11.9	12.2	13.1	13.8
G65.0	8.3	9.4	10.2	10.2	10.2	10.0	10.8	11.1	12.0	12.4
G66.0	7.9	8.7	9.4	9.1	9.1	8.9	9.8	10.2	11.0	11.2
G67.0	7.2	7.9	8.3	8.3	8.0	8.1	8.8	9.2	9.9	10.1
G68.0	6.5	7.1	7.5	7.4	7.1	7.3	8.1	8.5	9.0	9.0
G69.0	5.8	6.3	6.7	6.5	6.3	6.4	7.3	7.7	8.1	8.1
G70.0	5.0	5.6	5.8	5.7	5.7	5.8	6.6	7.0	7.3	7.2
G71.0	4.3	4.8	5.1	5.1	5.1	5.3	6.0	6.3	6.6	6.4
G72.0	3.6	4.1	4.2	4.2	4.4	4.6	5.4	5.8	5.9	5.6
G73.0	2.8	3.4	3.6	3.6	3.9	4.0	4.9	5.3	5.3	5.0

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	1615.3	1613.5	1613.9	1611.0	1611.9	1608.4	1610.6	1607.3	1608.3	1604.9
G1.0	1614.3	1615.2	1612.4	1612.3	1608.9	1609.3	1607.1	1608.2	1605.8	1607.1
G2.0	1600.5	1599.3	1591.2	1587.9	1578.8	1578.6	1569.5	1572.1	1567.3	1575.1
G3.0	1568.2	1563.6	1547.3	1536.8	1515.7	1510.2	1497.8	1500.5	1491.2	1508.2
G4.0	1529.4	1516.4	1483.8	1462.9	1434.6	1422.5	1398.0	1400.7	1397.2	1417.9
G5.0	1482.6	1457.3	1413.8	1379.6	1333.1	1313.8	1287.2	1290.2	1287.3	1316.1
G6.0	1429.1	1388.4	1327.4	1277.8	1222.4	1194.5	1159.1	1161.5	1158.5	1192.1
G7.0	1377.8	1324.1	1246.8	1185.4	1120.4	1083.6	1050.6	1050.8	1049.4	1080.3
G8.0	1320.2	1253.1	1155.8	1091.6	1007.4	981.2	937.0	941.0	929.5	976.2
G9.0	1265.2	1175.9	1067.9	986.0	912.5	871.0	837.8	836.2	834.5	869.1
G10.0	1206.8	1100.7	980.2	896.7	819.1	781.7	747.3	748.7	748.3	775.7
G11.0	1146.0	1021.9	891.8	803.9	728.8	693.7	661.5	659.5	659.9	687.6
G12.0	1088.1	950.8	811.1	721.2	650.0	617.5	592.4	589.9	587.5	611.3
G13.0	1033.8	879.3	737.2	645.0	581.4	551.9	527.3	525.0	525.7	546.6
G14.0	973.8	806.8	662.1	572.5	511.5	485.4	466.6	465.1	465.1	483.1
G15.0	922.8	744.5	595.0	512.8	456.7	433.7	414.5	416.0	413.3	429.3
G16.0	869.5	682.9	531.2	456.4	403.3	385.8	366.4	370.0	365.5	383.7
G17.0	821.0	619.9	478.3	403.6	358.3	341.1	327.1	327.2	326.7	339.5
G18.0	776.1	568.6	428.1	358.9	319.9	304.7	292.3	291.0	290.3	301.6
G19.0	728.0	515.8	380.7	316.9	281.4	269.5	257.5	256.7	256.3	266.6
G20.0	682.7	470.5	341.8	283.1	251.6	240.0	230.4	229.1	228.9	237.8
G21.0	640.0	426.3	305.3	253.1	224.7	214.5	205.1	204.8	203.2	210.8
G22.0	594.0	383.7	271.0	223.0	198.7	189.9	181.4	179.6	178.9	185.7
G23.0	550.7	347.8	241.7	200.1	177.1	168.9	161.8	159.8	158.1	164.8
G24.0	506.3	313.3	215.4	179.2	157.3	151.0	141.4	141.2	138.8	147.3
G25.0	464.9	280.9	194.1	160.6	140.9	133.1	125.6	124.2	123.8	130.9
G26.0	427.0	253.0	174.8	145.7	126.9	118.8	112.4	110.6	110.3	117.2
G27.0	387.6	227.0	157.6	131.0	113.8	105.1	99.0	98.3	97.9	104.3
G28.0	352.0	205.5	143.6	119.4	102.8	94.3	88.8	88.0	88.2	94.0
G29.0	319.9	184.9	130.5	108.9	93.3	84.7	79.5	79.0	79.0	84.3
G30.0	285.3	164.8	117.8	98.5	83.6	75.1	70.7	70.1	70.0	74.9
G31.0	256.1	149.2	107.9	89.9	75.8	67.8	64.0	63.3	63.3	67.6
G32.0	227.9	133.9	98.1	81.8	68.6	61.3	57.6	56.9	57.0	61.0
G33.0	204.5	121.1	89.6	74.8	63.1	56.4	52.5	52.0	52.4	55.7
G34.0	182.2	110.0	82.4	69.0	57.9	52.0	48.7	48.3	48.7	51.5
G35.0	161.2	98.7	75.4	63.1	53.2	48.0	45.2	45.0	45.0	47.4
G36.0	143.9	89.8	69.1	58.1	49.4	44.6	42.5	42.2	42.3	44.3

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	126.5	81.7	63.0	53.7	45.4	41.7	39.8	39.8	39.6	41.5
G38.0	112.5	73.3	58.1	49.3	42.3	38.8	37.3	37.3	37.3	38.6
G39.0	99.5	66.8	53.7	45.6	39.4	36.5	34.9	34.7	35.0	36.2
G40.0	87.0	60.1	49.1	41.9	36.5	33.9	32.4	32.5	32.8	33.8
G41.0	76.8	54.7	45.2	39.0	34.2	31.7	30.5	30.7	30.8	31.8
G42.0	67.2	49.7	41.7	36.1	31.8	29.8	28.8	28.9	28.9	30.0
G43.0	58.5	44.9	38.0	33.4	29.5	27.9	27.0	27.1	27.2	28.0
G44.0	51.5	40.7	35.0	30.9	27.7	26.2	25.4	25.6	25.6	26.3
G45.0	44.5	37.1	32.0	28.8	25.8	24.6	23.9	24.2	23.9	24.8
G46.0	39.2	33.5	29.5	26.6	24.2	23.1	22.4	22.7	22.5	23.1
G47.0	34.3	30.2	27.4	24.8	22.7	21.7	21.1	21.2	21.1	21.8
G48.0	29.8	27.2	25.1	23.0	21.3	20.3	19.8	19.9	19.8	20.4
G49.0	26.5	24.7	23.3	21.6	20.0	19.2	18.6	18.6	18.6	19.3
G50.0	23.6	22.6	21.6	20.3	18.8	18.0	17.5	17.6	17.6	18.2
G51.0	21.5	20.7	20.1	18.9	17.7	17.0	16.6	16.5	16.5	17.1
G52.0	20.2	19.3	18.9	18.0	16.8	16.1	15.6	15.6	15.7	16.3
G53.0	19.4	18.2	17.8	17.1	15.9	15.3	14.9	14.8	14.8	15.6
G54.0	19.2	17.6	17.0	16.3	15.3	14.7	14.2	14.1	14.1	14.8
G55.0	19.0	17.4	16.5	15.7	14.6	14.1	13.5	13.4	13.5	14.1
G56.0	19.3	17.4	16.2	15.2	14.2	13.4	12.9	12.7	12.7	13.6
G57.0	19.3	17.6	16.3	14.9	13.7	12.9	12.2	12.2	12.3	13.1
G58.0	19.0	17.7	16.3	14.7	13.3	12.4	11.8	11.7	11.8	12.6
G59.0	18.5	17.6	16.4	14.5	13.1	12.0	11.3	11.1	11.3	12.1
G60.0	17.9	17.2	16.1	14.3	12.8	11.6	10.8	10.6	10.8	11.7
G61.0	17.0	16.5	15.7	14.3	12.5	11.1	10.2	10.2	10.3	11.3
G62.0	15.9	15.6	15.1	14.0	12.3	10.8	9.8	9.6	9.8	10.9
G63.0	14.9	14.5	14.3	13.5	12.1	10.4	9.2	8.9	9.1	10.4
G64.0	13.6	13.2	13.2	12.8	11.6	10.0	8.7	8.3	8.6	9.6
G65.0	12.4	12.1	12.1	12.0	11.0	9.5	8.2	7.9	7.9	8.9
G66.0	11.2	10.9	11.0	10.9	10.1	9.0	7.7	7.2	7.3	8.4
G67.0	9.8	9.8	9.7	9.6	9.0	8.3	7.1	6.7	6.7	7.7
G68.0	8.6	8.6	8.3	8.2	8.0	7.6	6.7	6.2	6.3	7.1
G69.0	7.5	7.4	7.0	7.0	7.0	7.1	6.2	5.7	5.7	6.4
G70.0	6.6	6.1	5.8	5.9	6.2	6.5	5.6	5.2	5.3	5.8
G71.0	5.6	5.1	4.9	5.1	5.4	5.8	5.1	4.7	4.7	5.2
G72.0	4.6	4.0	4.0	4.4	4.6	5.2	4.5	4.2	4.2	4.4
G73.0	3.8	3.2	3.2	3.6	3.9	4.4	4.0	3.7	3.7	3.7

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 9)

Unit: cd

G\C	C300.0	C310.0	C320.0	C330.0	C340.0	C350.0	C360.0			
G0.0	1606.4	1603.7	1604.9	1601.9	1601.7	1599.9	1616.5			
G1.0	1605.2	1605.8	1605.0	1604.3	1600.3	1597.8	1610.5			
G2.0	1575.3	1582.5	1582.5	1587.5	1584.7	1583.0	1591.8			
G3.0	1510.6	1529.6	1537.7	1553.2	1556.2	1555.8	1563.8			
G4.0	1428.2	1459.9	1478.0	1506.5	1517.4	1524.3	1529.5			
G5.0	1333.7	1378.8	1409.0	1452.2	1474.8	1487.5	1493.8			
G6.0	1221.8	1276.6	1326.4	1384.6	1421.9	1447.0	1452.5			
G7.0	1114.5	1182.6	1241.2	1320.2	1372.5	1405.6	1414.7			
G8.0	1003.7	1082.6	1149.2	1248.5	1315.3	1366.1	1375.5			
G9.0	902.5	979.4	1059.2	1170.8	1260.2	1321.3	1335.8			
G10.0	812.6	885.0	974.4	1095.3	1206.4	1282.8	1300.4			
G11.0	718.9	791.5	885.4	1016.8	1145.5	1242.7	1265.8			
G12.0	644.2	712.4	803.3	946.3	1093.3	1206.0	1235.5			
G13.0	572.7	640.3	726.1	874.7	1038.9	1173.7	1210.1			
G14.0	506.3	564.6	651.4	802.9	983.6	1139.1	1184.8			
G15.0	452.2	503.2	588.2	737.8	932.0	1110.7	1165.4			
G16.0	399.0	450.2	522.3	679.4	880.1	1083.9	1146.3			
G17.0	354.7	398.3	470.4	616.4	833.5	1052.7	1129.9			
G18.0	317.0	354.5	423.2	564.8	787.4	1025.1	1111.6			
G19.0	279.0	314.1	374.7	511.3	735.0	989.5	1089.3			
G20.0	249.3	279.6	337.0	465.7	688.8	955.5	1063.9			
G21.0	223.4	250.8	302.8	421.1	640.3	917.5	1035.0			
G22.0	197.1	222.9	267.9	378.3	589.9	872.5	998.2			
G23.0	176.9	200.6	241.1	342.0	544.5	826.6	957.6			
G24.0	157.5	179.8	213.7	307.0	496.1	780.1	910.8			
G25.0	141.5	161.1	192.9	274.0	452.0	725.1	862.1			
G26.0	128.2	145.6	174.8	246.4	410.4	675.4	812.0			
G27.0	115.2	131.7	156.9	220.7	369.1	619.7	751.9			
G28.0	104.0	120.1	143.1	199.6	333.9	568.7	697.3			
G29.0	93.9	109.2	130.7	179.7	299.5	516.1	642.1			
G30.0	84.5	98.7	117.5	160.1	264.8	460.5	579.5			
G31.0	76.7	90.6	107.6	145.0	237.5	414.1	525.7			
G32.0	69.3	82.6	98.1	130.1	210.5	365.1	467.0			
G33.0	63.5	75.7	90.3	117.7	187.1	326.5	419.1			
G34.0	58.2	69.8	82.8	106.9	167.2	290.9	371.9			
G35.0	53.4	63.6	75.6	96.0	147.3	253.6	326.1			
G36.0	49.3	58.8	69.4	87.4	130.0	223.1	287.4			

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	45.5	54.1	63.5	79.6	113.9	193.1	250.2			
G38.0	42.3	49.5	58.3	71.6	100.3	164.3	213.8			
G39.0	39.3	46.0	53.8	65.1	88.6	140.9	181.2			
G40.0	36.5	42.2	49.1	58.7	77.3	118.9	151.8			
G41.0	34.2	39.2	45.2	53.2	68.1	101.1	128.5			
G42.0	31.9	36.1	41.5	48.4	60.1	86.3	108.3			
G43.0	29.7	33.4	37.8	43.5	52.0	71.6	88.5			
G44.0	27.8	31.0	34.7	39.5	46.0	60.8	72.8			
G45.0	25.8	28.9	31.7	35.9	40.0	50.7	59.7			
G46.0	24.3	26.6	29.2	32.2	35.0	41.9	47.6			
G47.0	22.9	24.9	26.9	29.1	30.8	35.0	38.1			
G48.0	21.5	23.1	24.7	26.2	27.0	28.9	30.5			
G49.0	20.3	21.6	22.9	23.8	24.0	24.8	25.7			
G50.0	19.3	20.3	21.2	21.8	21.6	21.9	22.5			
G51.0	18.2	19.0	19.6	20.1	20.0	20.2	20.5			
G52.0	17.3	18.2	18.5	18.8	19.0	19.3	19.7			
G53.0	16.4	17.4	17.6	18.0	18.6	18.8	19.3			
G54.0	15.9	16.7	17.0	17.8	18.5	18.8	18.8			
G55.0	15.3	16.1	16.6	17.7	18.5	18.6	18.7			
G56.0	14.9	15.8	16.4	17.8	18.5	18.6	18.7			
G57.0	14.5	15.5	16.5	17.8	18.4	18.4	18.5			
G58.0	14.3	15.3	16.5	17.7	18.2	18.1	18.3			
G59.0	13.9	15.2	16.2	17.3	17.6	17.5	17.6			
G60.0	13.5	14.9	15.9	16.8	17.0	16.7	16.4			
G61.0	13.2	14.7	15.2	16.0	15.9	15.5	15.1			
G62.0	12.8	14.1	14.5	14.9	14.7	14.1	13.9			
G63.0	12.2	13.5	13.7	13.7	13.3	12.8	12.8			
G64.0	11.4	12.4	12.4	12.4	11.8	11.5	11.6			
G65.0	10.3	11.2	11.3	11.1	10.4	10.5	10.7			
G66.0	9.4	10.0	10.0	9.7	9.4	9.6	9.9			
G67.0	8.4	8.6	8.4	8.3	8.2	8.6	9.3			
G68.0	7.5	7.5	7.0	7.2	7.4	7.9	8.7			
G69.0	6.5	6.5	5.7	6.1	6.5	7.3	7.9			
G70.0	5.7	5.5	4.7	5.0	5.8	6.7	7.4			
G71.0	4.9	4.6	3.8	4.2	5.1	6.1	6.9			
G72.0	4.1	3.6	3.0	3.4	4.4	5.5	6.3			
G73.0	3.4	2.8	2.5	3.0	3.7	4.8	5.8			

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:

