

Report No.: 1

Test Time: 2021-01-28 15:36

Luminaire Property

Luminaire Manufacturer: Fotonik Teknoloji ve Mühendislik

Luminaire Category: Endüstriyel

Luminaire Description: Bonus 100 W 60D 5000 K

Voltage: 219.9 V

Current: 0.493 A

Power: 107.80 W

Power Factor: 0.994

Photometric Results

CIE Class: Direct

Measurement Flux: 14459.6 lm

Downward Ratio: 99%

Field Angle(C0/C180,C90/C270,C45/C225,C135/315): 122.3, 119.2, 120.6, 120.7

Beam Angle(C0/C180,C90/C270,C45/C225,C135/315): 59.6, 60.3, 60.4, 60.7

Luminaire Efficacy Rating (LER): 134.18

Central Intensity: 11201.98 cd

Max. Intensity: 11225.84 cd

Pos of Max. Intensity: H180 V1

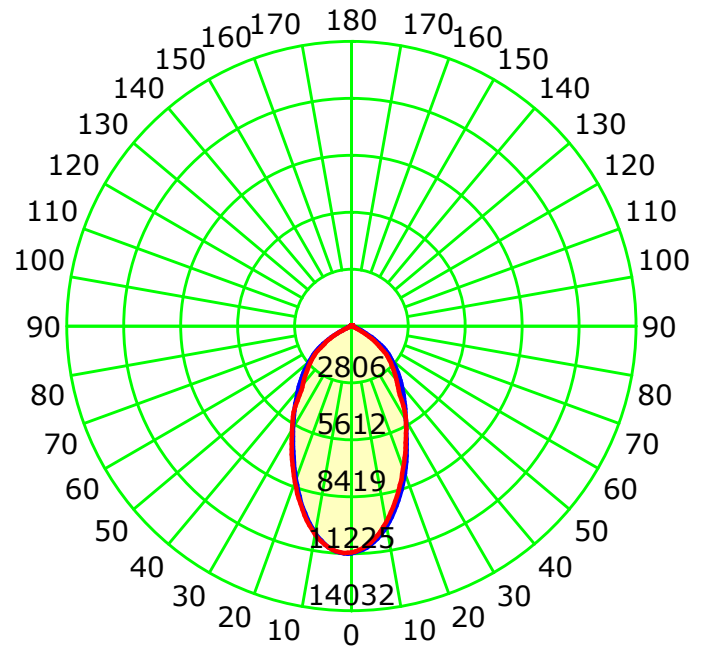
S/MH(C0/C180): 0.84

S/MH(C90/C270): 0.85

Picture Of Luminaire



Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5

Test Lab: Fotonik Teknoloji ve Mühendislik

Test Type: TYPE C

Temperature: 25°

Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0 C270

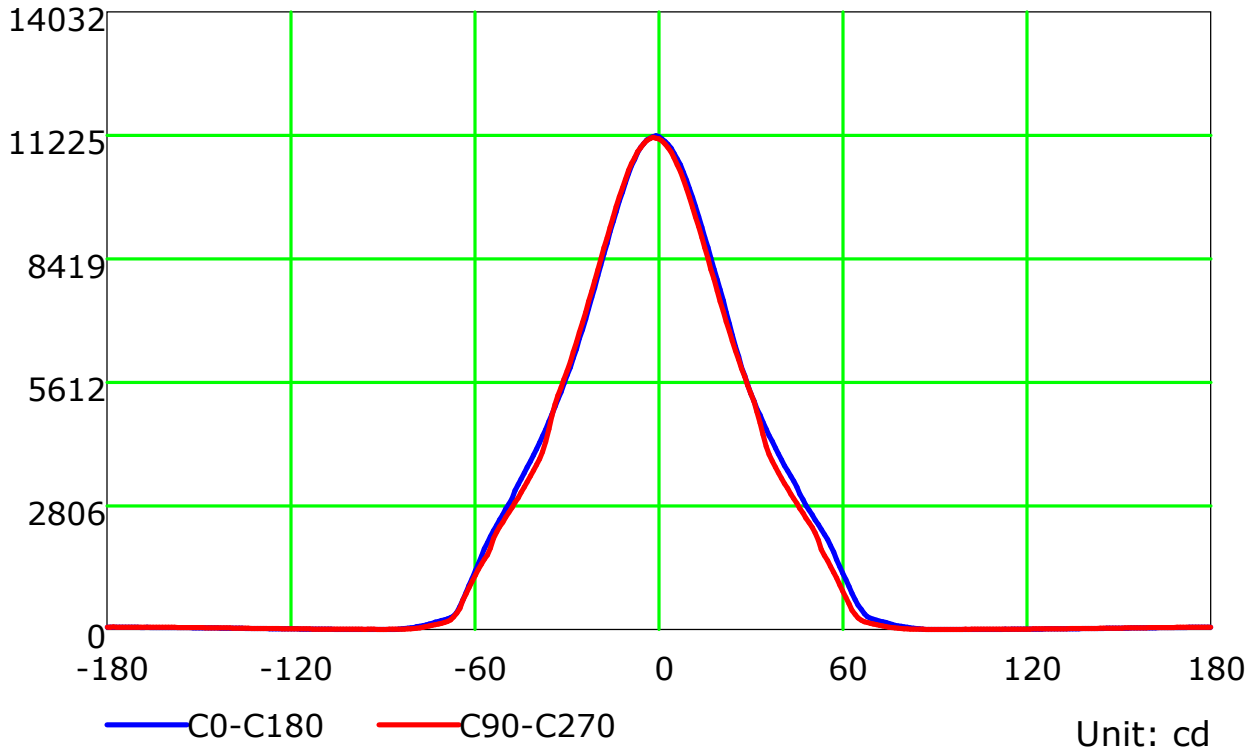
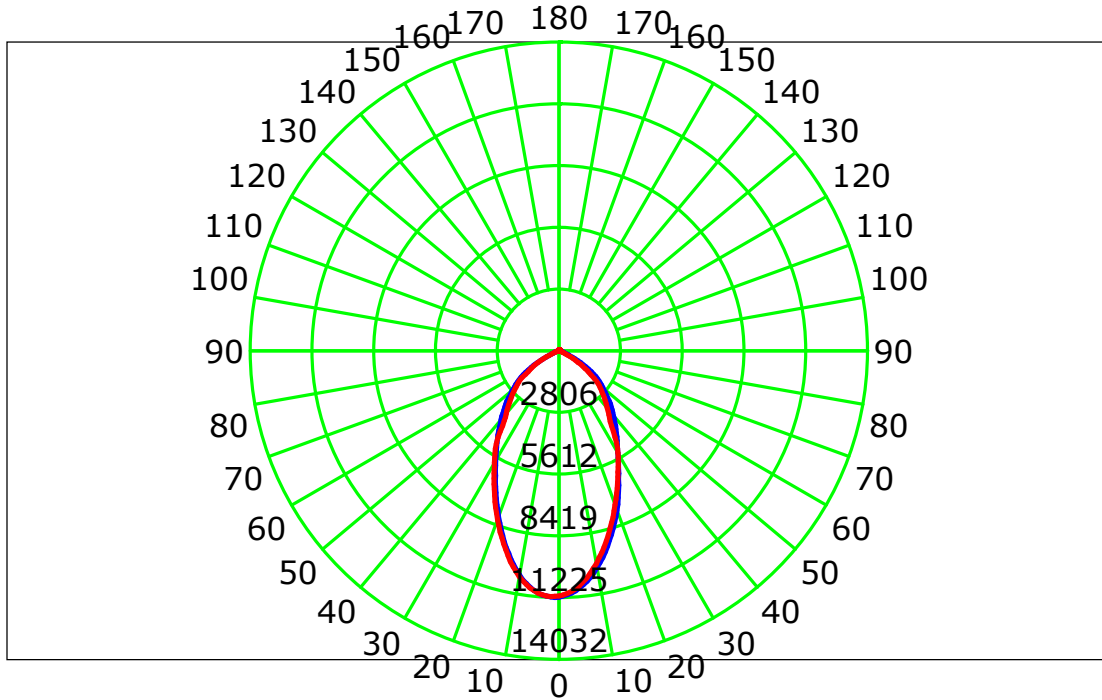
Test Device: LSG-1700B

Distance: 10.373 m

Humidity:

Inspector:

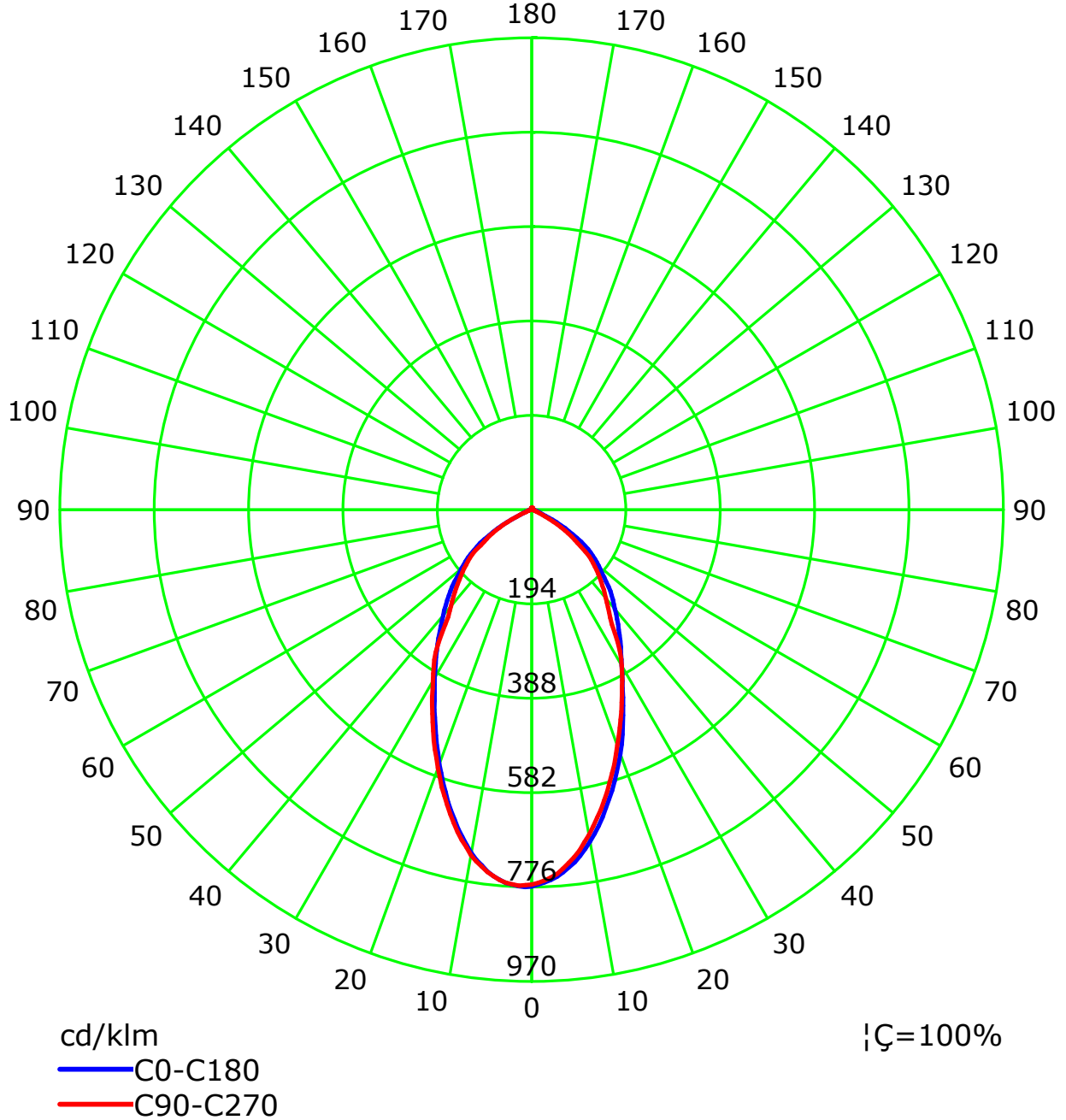
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 22.5
 Test Lab: Fotonik Teknoloji ve Mühendislik
 Test Type: TYPE C
 Temperature: 25°
 Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0
 Test Device: LSG-1700B
 Distance: 10.373 m
 Humidity:
 Inspector:

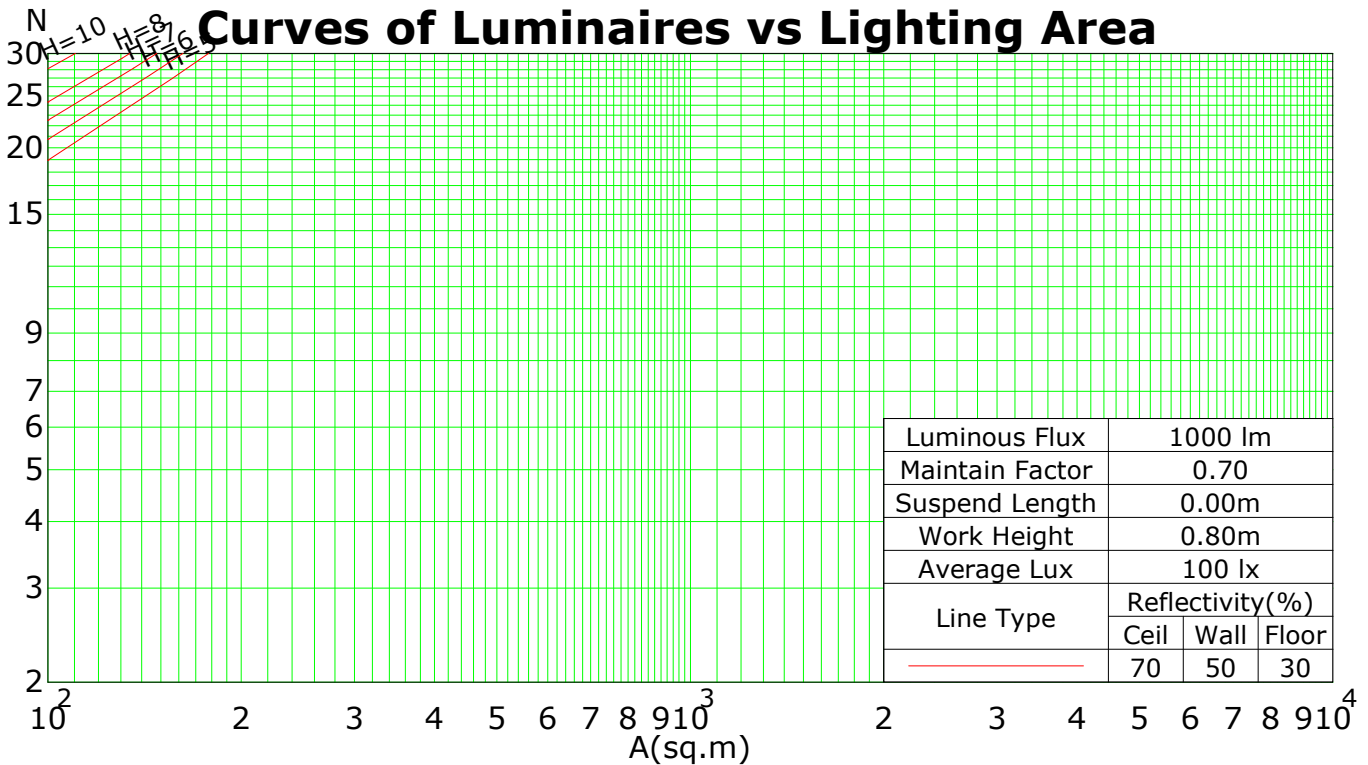
Luminous Intensity Distribution Curve(cd/klm)



Coefficients Of Utilization - Zonal Cavity Method

| | | | | | | | | | | | | | | | | | | |
|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| RC | 0.8 | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.7 | 0.5 | 0.5 | 0.5 | 0.3 | 0.3 | 0.3 | 0.1 | 0.1 | 0.1 | 0 |
| RW | 0.7 | 0.5 | 0.3 | 0.1 | 0.7 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0.5 | 0.3 | 0.1 | 0 |
| RCR | RF = 0.2 | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 101 | 101 | 101 | 99 |
| 1 | 112 | 108 | 105 | 102 | 109 | 106 | 103 | 101 | 102 | 99 | 97 | 98 | 96 | 94 | 94 | 93 | 91 | 89 |
| 2 | 104 | 98 | 93 | 89 | 102 | 96 | 91 | 87 | 93 | 89 | 85 | 89 | 86 | 83 | 86 | 84 | 81 | 80 |
| 3 | 97 | 89 | 83 | 77 | 95 | 87 | 81 | 77 | 84 | 79 | 75 | 82 | 78 | 74 | 79 | 76 | 73 | 71 |
| 4 | 90 | 81 | 74 | 69 | 88 | 80 | 73 | 68 | 77 | 72 | 67 | 75 | 70 | 66 | 73 | 69 | 65 | 63 |
| 5 | 84 | 74 | 67 | 61 | 82 | 73 | 66 | 61 | 71 | 65 | 60 | 69 | 64 | 59 | 67 | 63 | 59 | 57 |
| 6 | 79 | 68 | 60 | 55 | 77 | 67 | 60 | 55 | 65 | 59 | 54 | 64 | 58 | 54 | 62 | 57 | 53 | 52 |
| 7 | 74 | 63 | 55 | 50 | 72 | 62 | 55 | 50 | 60 | 54 | 49 | 59 | 53 | 49 | 58 | 53 | 49 | 47 |
| 8 | 70 | 58 | 51 | 46 | 68 | 57 | 50 | 46 | 56 | 50 | 45 | 55 | 49 | 45 | 54 | 49 | 45 | 43 |
| 9 | 66 | 54 | 47 | 42 | 64 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 41 | 50 | 45 | 41 | 40 |
| 10 | 62 | 50 | 43 | 39 | 61 | 50 | 43 | 39 | 49 | 43 | 39 | 48 | 42 | 38 | 47 | 42 | 38 | 37 |

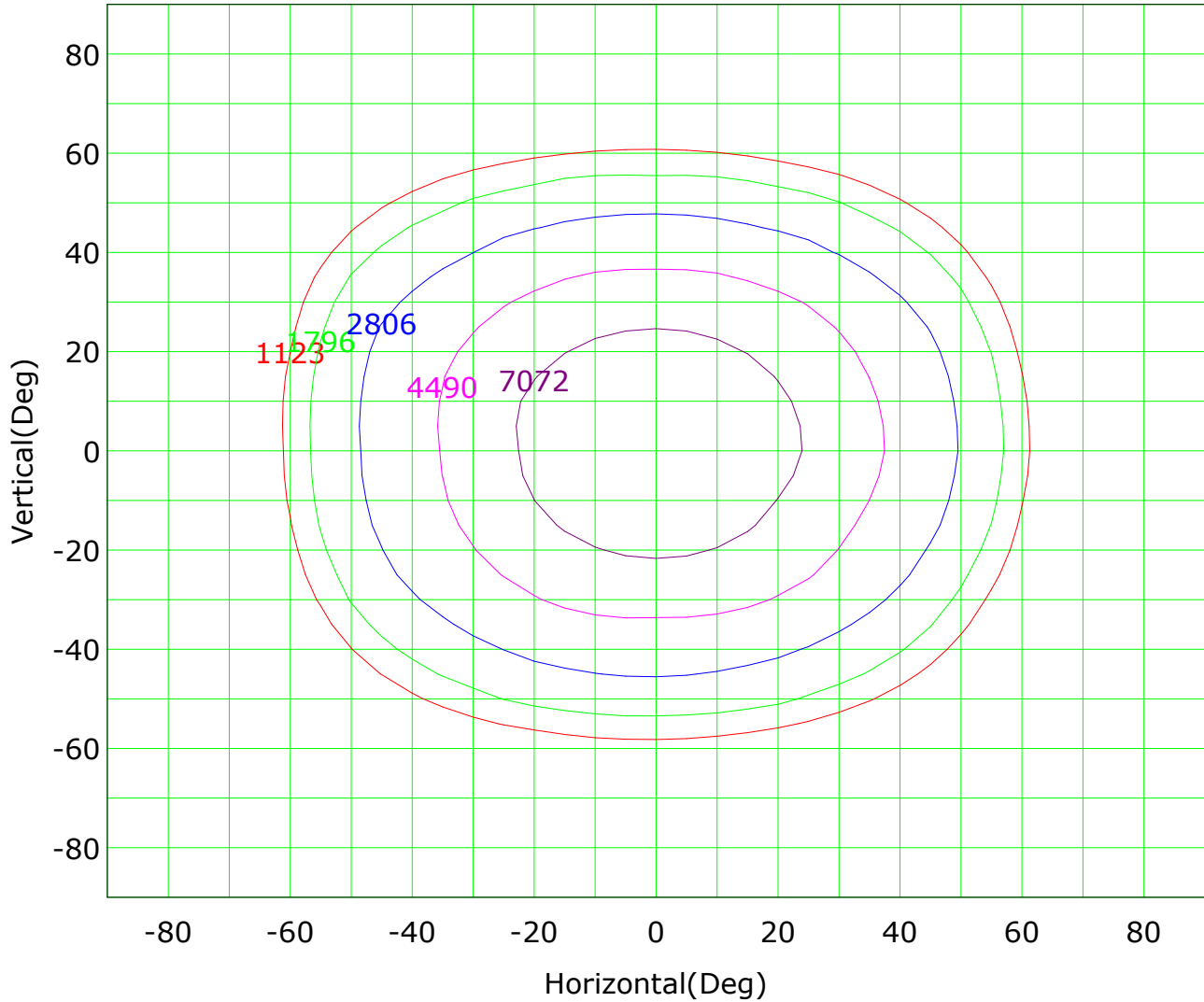
Spacing Criteria (0-180): 0.84
 Spacing Criteria (90-270): 0.85
 Spacing Criteria (Diagonal): 0.95



C Plane (°):0.0-360.0: 22.5
 Test Lab: Fotonik Teknoloji ve Mühendislik
 Test Type: TYPE C
 Temperature: 25°
 Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0
 Test Device: LSG-1700B
 Distance: 10.373 m
 Humidity:
 Inspector:

Isocandela (rectangle)

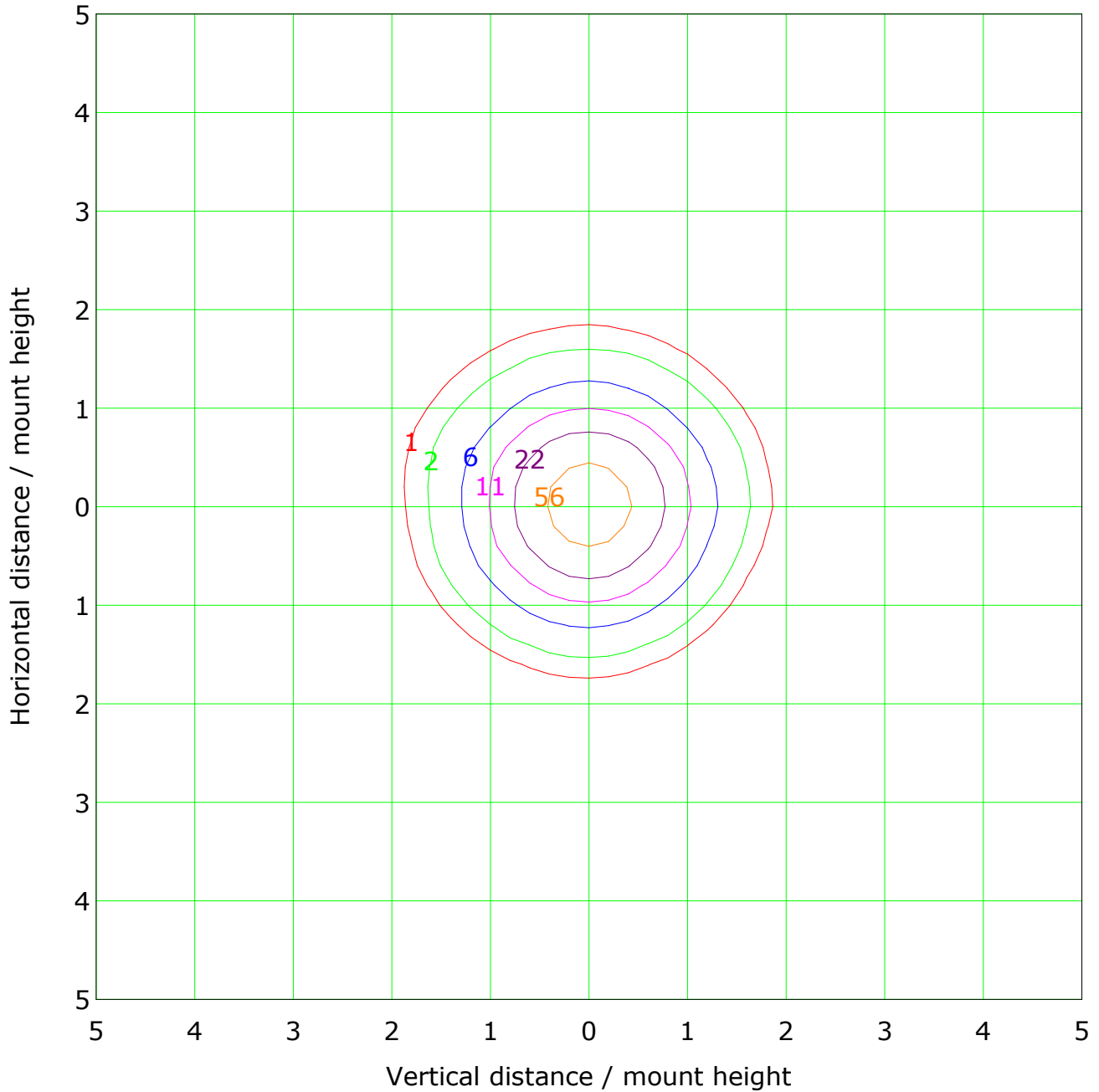


Imax (100%): 11226 cd

— (10%): 1123 cd
 — (25%): 2806 cd
 — (63%): 7072 cd

— (16%): 1796 cd
 — (40%): 4490 cd
 — (100%): 11226 cd

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 112.2 lx

(1%): 1.1 lx

(2%): 2.2 lx

(5%): 5.6 lx

(10%): 11.2 lx

(20%): 22.4 lx

Gamma Plane (°): 0.0-180.0:1.0

(100%): 112.2 lx

(50%): 56.1 lx

C Plane (°): 0.0-360.0: 22.5

Test Lab: Fotonik Teknoloji ve Mühendislik

Test Type: TYPE C

Temperature: 25°

Operator: Timur Özcan

Distance: 10.373 m

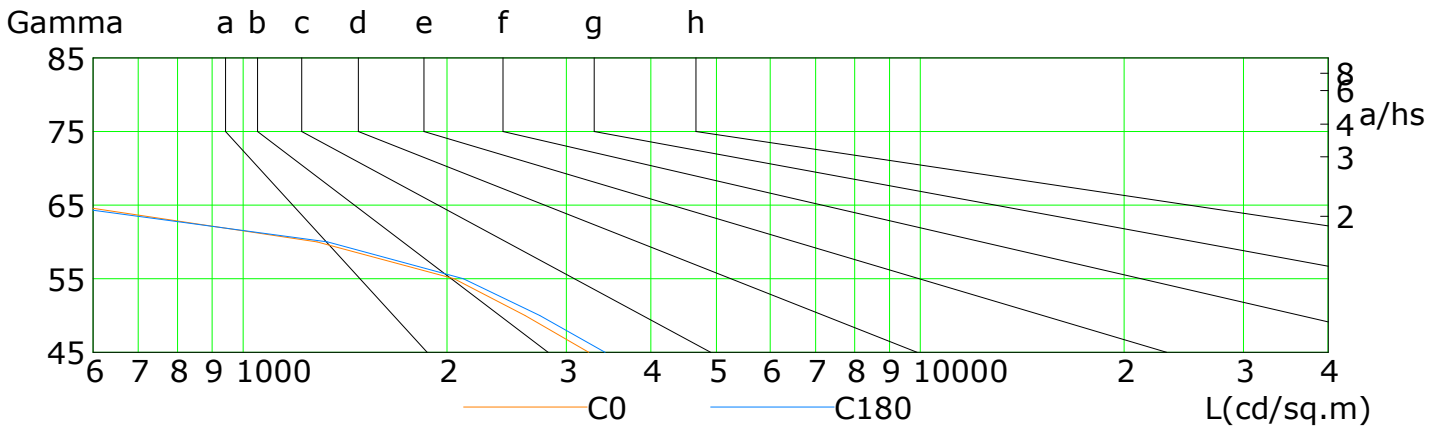
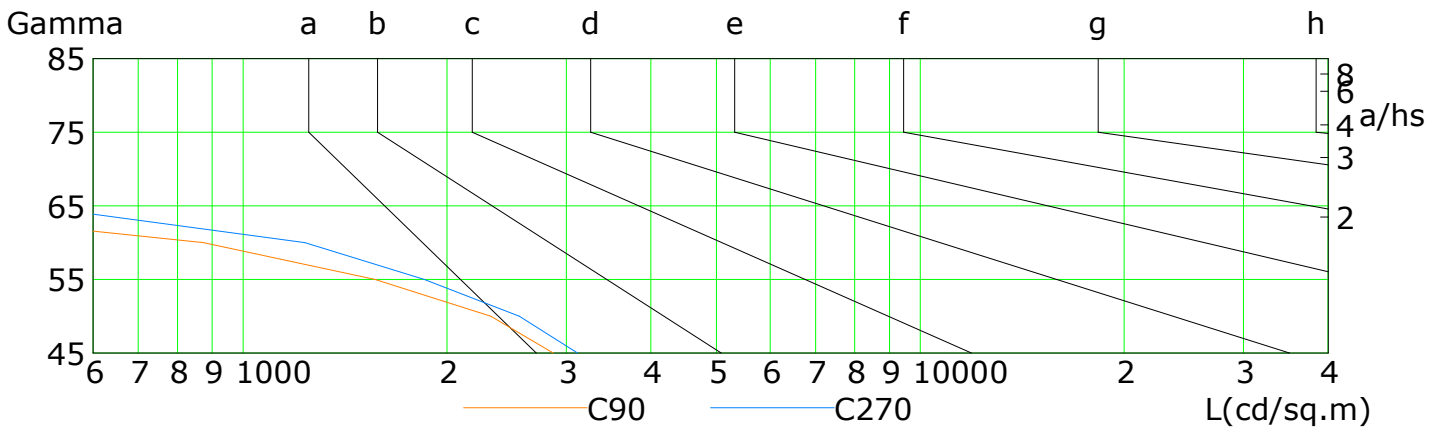
Humidity:

Inspector:

Lum Limit Curve

| Dazzle | Quality | Illuminance (lx) | | | | | | | | | | | | | |
|--------|---------|------------------|------|-----|-------|--|--|--|--|--|--|--|--|--|--|
| | | 2000 | 1000 | 500 | <=300 | | | | | | | | | | |
| 1.15 | A | | | | | | | | | | | | | | |
| 1.50 | B | | | | | | | | | | | | | | |
| 1.85 | C | | | | | | | | | | | | | | |
| 2.20 | D | | | | | | | | | | | | | | |
| 2.55 | E | | | | | | | | | | | | | | |

a b c d e f g h



| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|------|------|------|------|-----|-----|-----|-----|-----|
| C0 | 3240 | 2607 | 2047 | 1286 | 559 | 235 | 138 | 64 | 17 |
| C90 | 2870 | 2321 | 1566 | 874 | 265 | 127 | 58 | 18 | 9 |
| C180 | 3423 | 2741 | 2114 | 1333 | 529 | 225 | 125 | 51 | 9 |
| C270 | 3116 | 2557 | 1852 | 1234 | 486 | 160 | 81 | 27 | 11 |

C Plane (°):0.0-360.0: 22.5

Test Lab: Fotonik Teknoloji ve Mühendislik

Test Type: TYPE C

Temperature: 25°

Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0

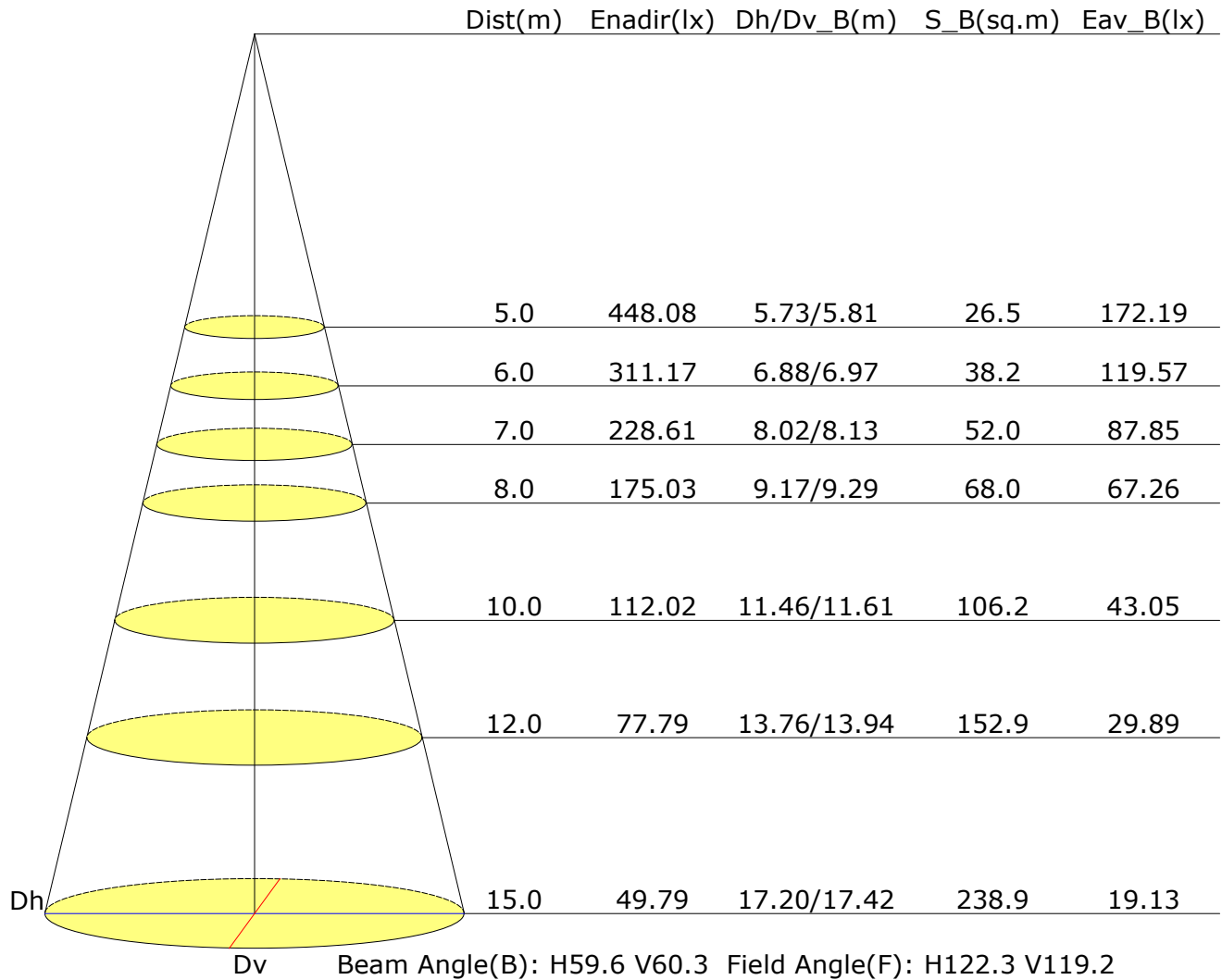
Test Device: LSG-1700B

Distance: 10.373 m

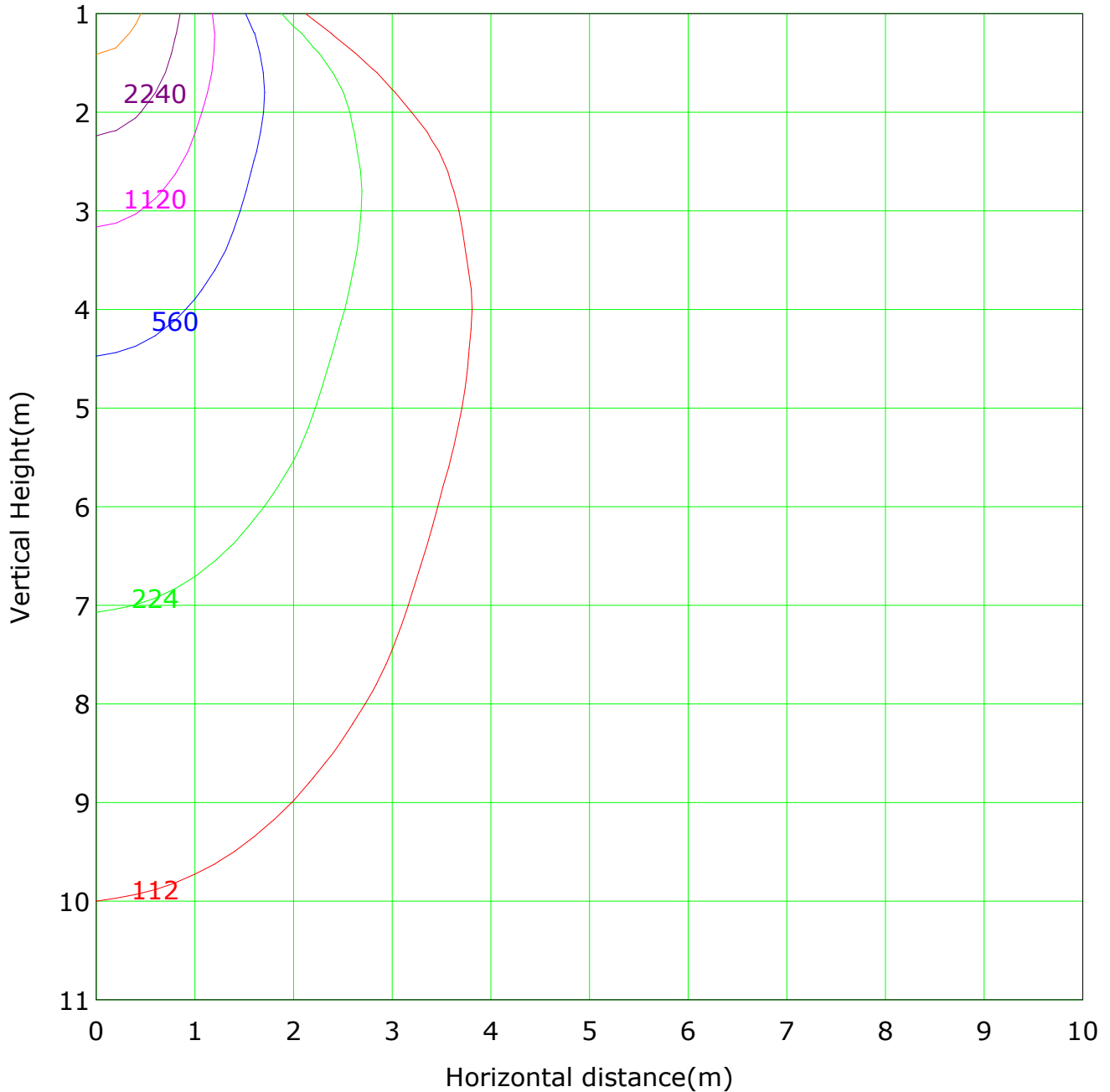
Humidity:

Inspector:

Illuminance at a Distance



Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 11202.0 lx

— (1%): 112.0 lx

— (2%): 224.0 lx

— (5%): 560.1 lx

— (10%): 1120.2 lx

— (20%): 2240.4 lx

— (50%): 5601.0 lx

— (100%): 11202.0 lx

C Plane (°): 0.0-360.0

Gamma Plane (°): 0.0-180.0:1.0

Test Lab: Fotonik Teknoloji ve Mühendislik

Test Device: LSG-1700B

Test Type: TYPE C

Distance: 10.373 m

Temperature: 25°

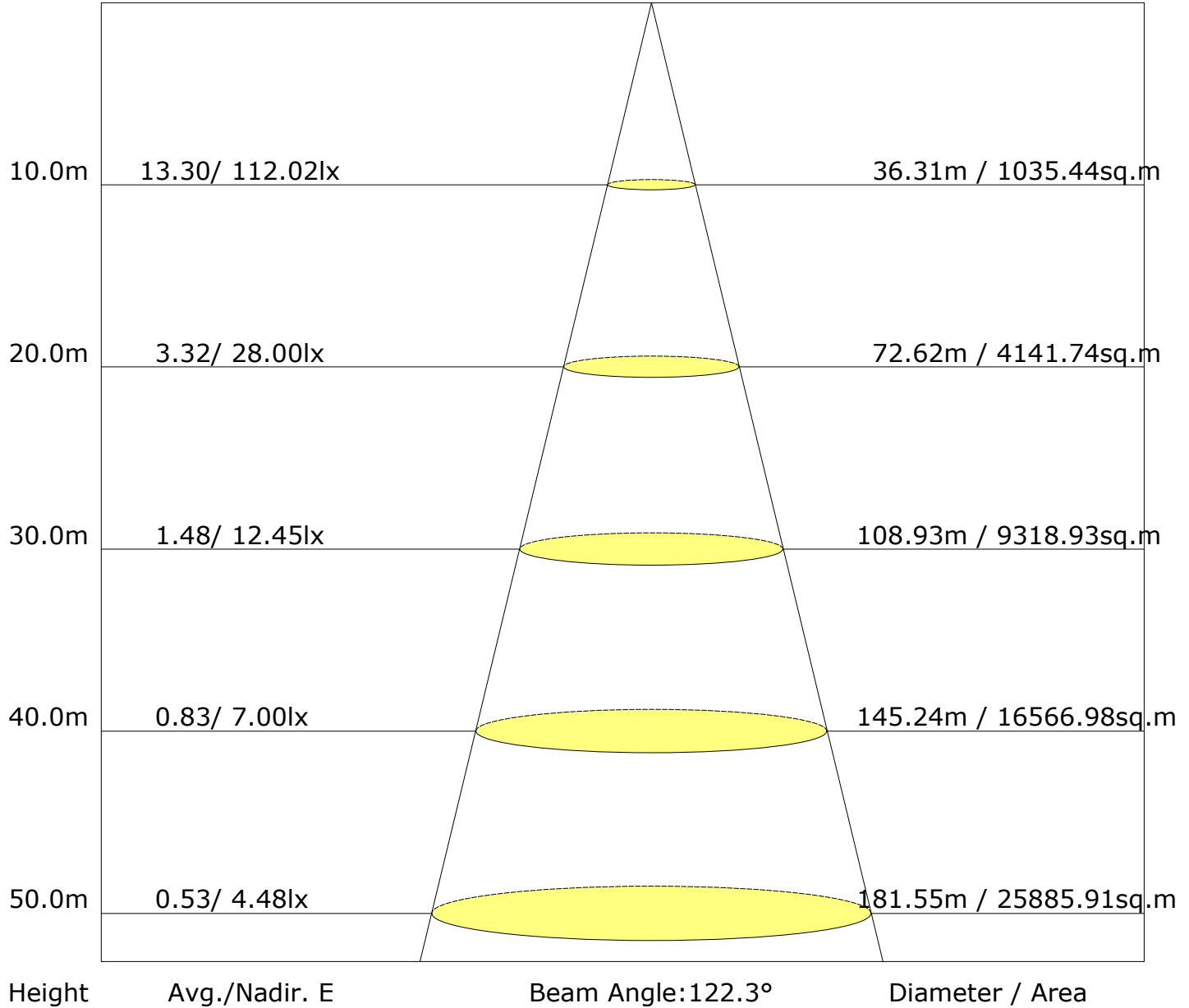
Humidity:

Operator: Timur Özcan

Inspector:

The Average Illuminance Effective Figure

Flux Out: 13769.47lm

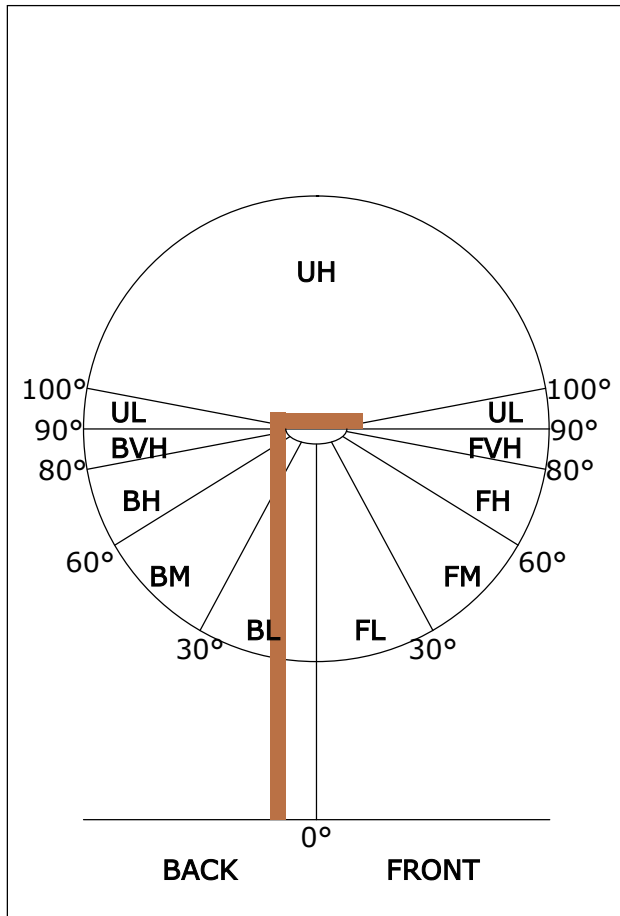


UGR Table

| | | | | | | | | | | |
|--|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------------|
| 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.\$/-1.\$ |
| S=1.5H | | | | | | | | | | -1.\$/-1.\$ |
| S=2.0H | | | | | | | | | | -1.\$/-1.\$ |

Calculate in accordance with CIE Pub.117. The table is revised with 14460lm ($8\log(F/F_0) = 9.3$).

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



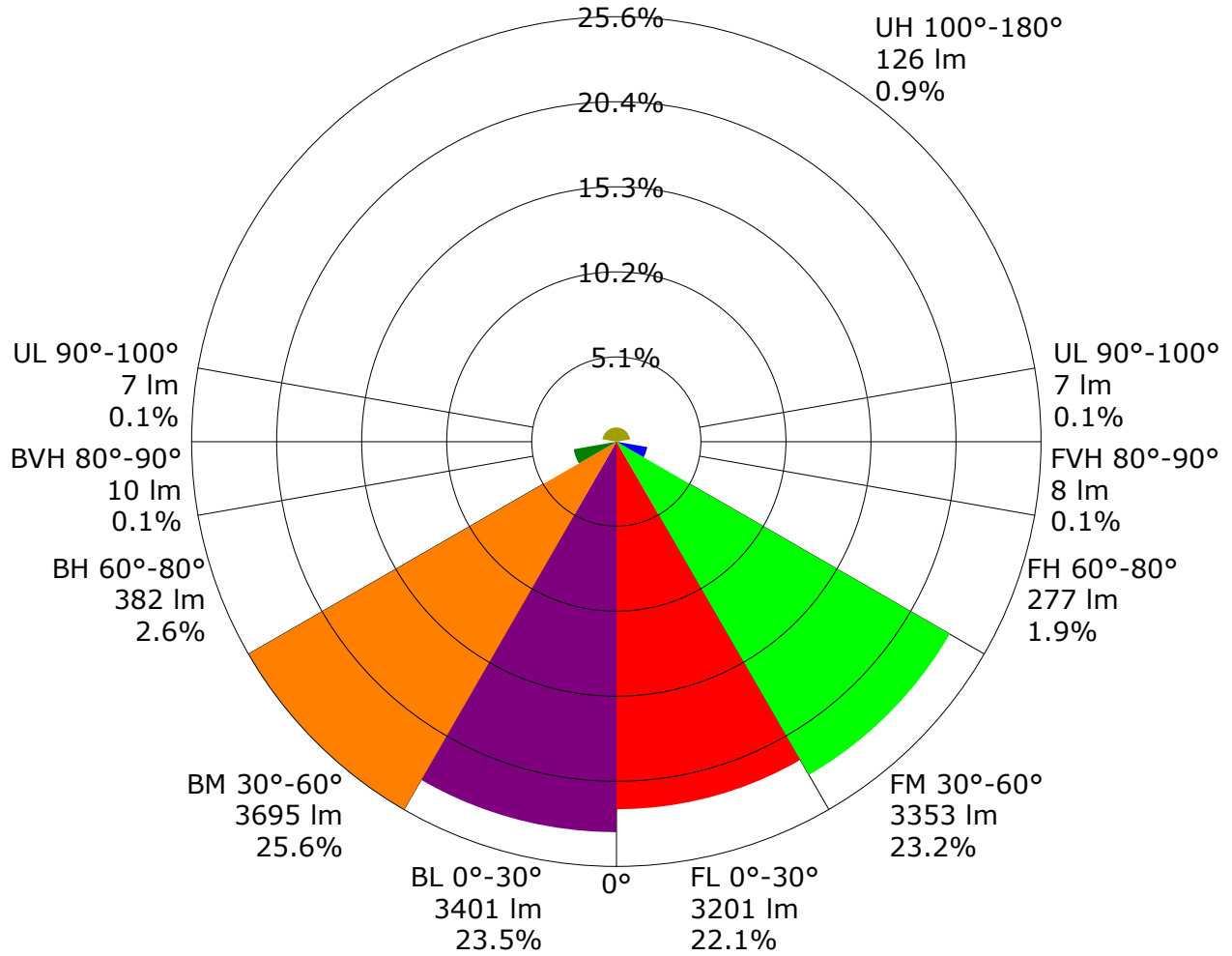
| ZONE | LUMENS | % LAMP LUMENS |
|----------------|--------|---------------|
| FORWARD LIGHT | 6838 | 47.3 |
| FL (0°-30°) | 3201 | 22.1 |
| FM (30°-60°) | 3353 | 23.2 |
| FH (60°-80°) | 277 | 1.9 |
| FVH (80°-90°) | 8 | 0.1 |
| BACK LIGHT | 7488 | 51.8 |
| BL (0°-30°) | 3401 | 23.5 |
| BM (30°-60°) | 3695 | 25.6 |
| BH (60°-80°) | 382 | 2.6 |
| BVH (80°-90°) | 10 | 0.1 |
| UP LIGHT | 133 | 0.9 |
| UL (90°-100°) | 7 | 0.1 |
| UH (100°-180°) | 126 | 0.9 |
| TRAPPED LIGHT | NA | NA |

| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07 | |
|--|----------|
| Asymmetrical Luminaire Types (Type I,II,III,IV) | B4 U3 G1 |
| Quadrilateral Symmetrical Luminaire Types (Type V,Area Light) | B4 U3 G0 |

C Plane (°):0.0-360.0: 22.5
 Test Lab: Fotonik Teknoloji ve Mühendislik
 Test Type: TYPE C
 Temperature: 25°
 Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0
 Test Device: LSG-1700B
 Distance: 10.373 m
 Humidity:
 Inspector:

LCS Graph



Back Light

Forward Light

Scale= MAX LCS%

Trapped Light:NA,NA

Utilisation Factor Table(Floor cavity)

| Utilisation Factors UF(F) | | | SHR NOM = 0.75 | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|
| Room Reflectance | | | Room Index(RI) | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |
| 0.70 | 0.50 | 0.20 | 0.67 | 0.77 | 0.84 | 0.89 | 0.95 | 0.99 | 1.02 | 1.05 | 1.07 |
| | 0.30 | | 0.61 | 0.71 | 0.78 | 0.83 | 0.90 | 0.95 | 0.98 | 1.02 | 1.05 |
| | 0.20 | | 0.56 | 0.66 | 0.73 | 0.79 | 0.86 | 0.91 | 0.95 | 0.99 | 1.02 |
| 0.50 | 0.50 | 0.20 | 0.66 | 0.75 | 0.82 | 0.86 | 0.92 | 0.95 | 0.98 | 1.01 | 1.03 |
| | 0.30 | | 0.60 | 0.70 | 0.76 | 0.81 | 0.88 | 0.92 | 0.95 | 0.98 | 1.01 |
| | 0.20 | | 0.56 | 0.66 | 0.72 | 0.77 | 0.84 | 0.89 | 0.92 | 0.96 | 0.99 |
| 0.30 | 0.50 | 0.20 | 0.65 | 0.73 | 0.79 | 0.83 | 0.89 | 0.92 | 0.94 | 0.97 | 0.99 |
| | 0.30 | | 0.59 | 0.69 | 0.75 | 0.80 | 0.85 | 0.89 | 0.92 | 0.95 | 0.97 |
| | 0.20 | | 0.55 | 0.65 | 0.72 | 0.76 | 0.83 | 0.87 | 0.90 | 0.93 | 0.96 |
| 0.00 | 0.00 | 0.00 | 0.53 | 0.63 | 0.69 | 0.73 | 0.79 | 0.83 | 0.86 | 0.89 | 0.91 |
| <p>Rating:108W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> | | | | | | | | | | | |

Utilisation Factor Table(Wall)

| Utilisation Factors UF(W) | | | SHR NOM = 0.75 | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|
| Room Reflectance | | | Room Index(RI) | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |
| 0.70 | 0.50 | 0.20 | 0.83 | 0.67 | 0.56 | 0.48 | 0.37 | 0.30 | 0.26 | 0.20 | 0.16 |
| | 0.30 | | 0.69 | 0.57 | 0.48 | 0.42 | 0.34 | 0.28 | 0.24 | 0.19 | 0.15 |
| | 0.20 | | 0.60 | 0.50 | 0.43 | 0.38 | 0.31 | 0.26 | 0.22 | 0.17 | 0.14 |
| 0.50 | 0.50 | 0.20 | 0.80 | 0.64 | 0.53 | 0.45 | 0.35 | 0.32 | 0.24 | 0.18 | 0.15 |
| | 0.30 | | 0.68 | 0.55 | 0.47 | 0.40 | 0.32 | 0.26 | 0.23 | 0.17 | 0.14 |
| | 0.20 | | 0.59 | 0.49 | 0.42 | 0.37 | 0.29 | 0.25 | 0.21 | 0.17 | 0.14 |
| 0.30 | 0.50 | 0.20 | 0.77 | 0.61 | 0.50 | 0.43 | 0.33 | 0.27 | 0.23 | 0.17 | 0.14 |
| | 0.30 | | 0.66 | 0.54 | 0.45 | 0.39 | 0.31 | 0.25 | 0.21 | 0.16 | 0.13 |
| | 0.20 | | 0.58 | 0.48 | 0.41 | 0.36 | 0.28 | 0.24 | 0.20 | 0.16 | 0.13 |
| 0.00 | 0.00 | 0.00 | 0.46 | 0.37 | 0.31 | 0.26 | 0.20 | 0.16 | 0.14 | 0.10 | 0.08 |
| <p>Rating:108W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> | | | | | | | | | | | |

Utilisation Factor Table(Ceiling cavity)

| Utilisation Factors UF(C) | | | SHR NOM = 0.75 | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|
| Room Reflectance | | | Room Index(RI) | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |
| 0.70 | 0.50 | 0.20 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.20 | 0.21 | 0.22 | 0.22 |
| | 0.30 | | 0.10 | 0.12 | 0.13 | 0.14 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 |
| | 0.20 | | 0.06 | 0.08 | 0.10 | 0.11 | 0.13 | 0.15 | 0.16 | 0.17 | 0.18 |
| 0.50 | 0.50 | 0.20 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.20 | 0.21 | 0.21 |
| | 0.30 | | 0.10 | 0.12 | 0.13 | 0.14 | 0.16 | 0.17 | 0.18 | 0.19 | 0.19 |
| | 0.20 | | 0.06 | 0.08 | 0.09 | 0.11 | 0.13 | 0.14 | 0.15 | 0.17 | 0.18 |
| 0.30 | 0.50 | 0.20 | 0.15 | 0.16 | 0.17 | 0.17 | 0.18 | 0.19 | 0.19 | 0.20 | 0.20 |
| | 0.30 | | 0.10 | 0.11 | 0.13 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 |
| | 0.20 | | 0.06 | 0.08 | 0.09 | 0.10 | 0.12 | 0.14 | 0.15 | 0.16 | 0.17 |
| 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| <p>Rating:108W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> | | | | | | | | | | | |

Zonal Lumen

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 0.0-1.0 | 11159.6 | 10.7 | 10.7 | 0.07 | 0.07 |
| 1.0-2.0 | 11135.7 | 32.0 | 42.6 | 0.22 | 0.29 |
| 2.0-3.0 | 11090.9 | 53.1 | 95.7 | 0.37 | 0.66 |
| 3.0-4.0 | 11029.4 | 73.8 | 169.5 | 0.51 | 1.17 |
| 4.0-5.0 | 10948.7 | 94.2 | 263.7 | 0.65 | 1.82 |
| 5.0-6.0 | 10839.7 | 113.9 | 377.7 | 0.79 | 2.61 |
| 6.0-7.0 | 10714.4 | 133.0 | 510.7 | 0.92 | 3.53 |
| 7.0-8.0 | 10573.8 | 151.3 | 662.0 | 1.05 | 4.58 |
| 8.0-9.0 | 10410.8 | 168.7 | 830.8 | 1.17 | 5.75 |
| 9.0-10.0 | 10237.0 | 185.3 | 1016.1 | 1.28 | 7.03 |
| 10.0-11.0 | 10043.7 | 200.7 | 1216.8 | 1.39 | 8.41 |
| 11.0-12.0 | 9833.9 | 215.0 | 1431.8 | 1.49 | 9.90 |
| 12.0-13.0 | 9625.5 | 228.5 | 1660.2 | 1.58 | 11.48 |
| 13.0-14.0 | 9400.9 | 240.7 | 1900.9 | 1.66 | 13.15 |
| 14.0-15.0 | 9164.8 | 251.6 | 2152.5 | 1.74 | 14.89 |
| 15.0-16.0 | 8932.0 | 261.8 | 2414.3 | 1.81 | 16.70 |
| 16.0-17.0 | 8689.9 | 270.7 | 2684.9 | 1.87 | 18.57 |
| 17.0-18.0 | 8447.4 | 278.6 | 2963.5 | 1.93 | 20.49 |
| 18.0-19.0 | 8199.3 | 285.3 | 3248.8 | 1.97 | 22.47 |
| 19.0-20.0 | 7954.1 | 291.2 | 3540.0 | 2.01 | 24.48 |
| 20.0-21.0 | 7719.9 | 296.5 | 3836.4 | 2.05 | 26.53 |
| 21.0-22.0 | 7477.1 | 300.5 | 4136.9 | 2.08 | 28.61 |
| 22.0-23.0 | 7239.9 | 303.8 | 4440.8 | 2.10 | 30.71 |
| 23.0-24.0 | 7009.2 | 306.5 | 4747.3 | 2.12 | 32.83 |
| 24.0-25.0 | 6775.2 | 308.1 | 5055.4 | 2.13 | 34.96 |
| 25.0-26.0 | 6550.7 | 309.3 | 5364.6 | 2.14 | 37.10 |
| 26.0-27.0 | 6329.5 | 309.7 | 5674.3 | 2.14 | 39.24 |
| 27.0-28.0 | 6115.1 | 309.6 | 5984.0 | 2.14 | 41.38 |
| 28.0-29.0 | 5910.9 | 309.3 | 6293.3 | 2.14 | 43.52 |
| 29.0-30.0 | 5710.2 | 308.3 | 6601.6 | 2.13 | 45.66 |
| 30.0-31.0 | 5520.0 | 307.2 | 6908.8 | 2.12 | 47.78 |
| 31.0-32.0 | 5331.1 | 305.5 | 7214.3 | 2.11 | 49.89 |
| 32.0-33.0 | 5149.0 | 303.4 | 7517.7 | 2.10 | 51.99 |
| 33.0-34.0 | 4972.0 | 300.9 | 7818.6 | 2.08 | 54.07 |
| 34.0-35.0 | 4782.5 | 297.1 | 8115.7 | 2.05 | 56.13 |
| 35.0-36.0 | 4595.1 | 292.6 | 8408.3 | 2.02 | 58.15 |

C Plane (°):0.0-360.0: 22.5
Test Lab: Fotonik Teknoloji ve Mühendislik
Test Type: TYPE C
Temperature: 25°
Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0
Test Device: LSG-1700B
Distance: 10.373 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 | 4414.7 | 288.0 | 8696.3 | 1.99 | 60.14 |
| 37.0-38.0 | 4235.7 | 282.8 | 8979.0 | 1.96 | 62.10 |
| 38.0-39.0 | 4070.4 | 277.9 | 9256.9 | 1.92 | 64.02 |
| 39.0-40.0 | 3914.9 | 273.1 | 9530.0 | 1.89 | 65.91 |
| 40.0-41.0 | 3768.5 | 268.4 | 9798.4 | 1.86 | 67.76 |
| 41.0-42.0 | 3634.8 | 264.1 | 10062.5 | 1.83 | 69.59 |
| 42.0-43.0 | 3499.6 | 259.3 | 10321.7 | 1.79 | 71.38 |
| 43.0-44.0 | 3364.9 | 254.0 | 10575.7 | 1.76 | 73.14 |
| 44.0-45.0 | 3232.5 | 248.5 | 10824.2 | 1.72 | 74.86 |
| 45.0-46.0 | 3096.8 | 242.2 | 11066.4 | 1.68 | 76.53 |
| 46.0-47.0 | 2966.8 | 236.0 | 11302.4 | 1.63 | 78.17 |
| 47.0-48.0 | 2835.7 | 229.3 | 11531.7 | 1.59 | 79.75 |
| 48.0-49.0 | 2707.0 | 222.3 | 11754.0 | 1.54 | 81.29 |
| 49.0-50.0 | 2589.1 | 215.9 | 11969.9 | 1.49 | 82.78 |
| 50.0-51.0 | 2470.1 | 209.0 | 12178.9 | 1.45 | 84.23 |
| 51.0-52.0 | 2351.6 | 201.8 | 12380.7 | 1.40 | 85.62 |
| 52.0-53.0 | 2231.9 | 194.2 | 12574.9 | 1.34 | 86.97 |
| 53.0-54.0 | 2106.0 | 185.6 | 12760.6 | 1.28 | 88.25 |
| 54.0-55.0 | 1974.8 | 176.3 | 12936.9 | 1.22 | 89.47 |
| 55.0-56.0 | 1835.3 | 165.9 | 13102.7 | 1.15 | 90.62 |
| 56.0-57.0 | 1692.6 | 154.8 | 13257.5 | 1.07 | 91.69 |
| 57.0-58.0 | 1550.1 | 143.4 | 13400.9 | 0.99 | 92.68 |
| 58.0-59.0 | 1400.3 | 130.9 | 13531.8 | 0.91 | 93.58 |
| 59.0-60.0 | 1249.3 | 118.0 | 13649.8 | 0.82 | 94.40 |
| 60.0-61.0 | 1098.0 | 104.8 | 13754.6 | 0.72 | 95.12 |
| 61.0-62.0 | 942.1 | 90.8 | 13845.4 | 0.63 | 95.75 |
| 62.0-63.0 | 792.9 | 77.1 | 13922.5 | 0.53 | 96.29 |
| 63.0-64.0 | 651.9 | 64.0 | 13986.5 | 0.44 | 96.73 |
| 64.0-65.0 | 525.2 | 52.0 | 14038.5 | 0.36 | 97.09 |
| 65.0-66.0 | 421.9 | 42.1 | 14080.6 | 0.29 | 97.38 |
| 66.0-67.0 | 341.2 | 34.3 | 14114.9 | 0.24 | 97.62 |
| 67.0-68.0 | 284.4 | 28.8 | 14143.7 | 0.20 | 97.82 |
| 68.0-69.0 | 244.9 | 25.0 | 14168.7 | 0.17 | 97.99 |
| 69.0-70.0 | 214.9 | 22.1 | 14190.8 | 0.15 | 98.14 |
| 70.0-71.0 | 191.8 | 19.8 | 14210.6 | 0.14 | 98.28 |
| 71.0-72.0 | 171.0 | 17.8 | 14228.4 | 0.12 | 98.40 |

C Plane (°):0.0-360.0: 22.5
Test Lab: Fotonik Teknoloji ve Mühendislik
Test Type: TYPE C
Temperature: 25°
Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0
Test Device: LSG-1700B
Distance: 10.373 m
Humidity:
Inspector:

Zonal Lumen (Continue 2)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 72.0-73.0 | 151.5 | 15.8 | 14244.3 | 0.11 | 98.51 |
| 73.0-74.0 | 133.5 | 14.0 | 14258.3 | 0.10 | 98.61 |
| 74.0-75.0 | 115.8 | 12.2 | 14270.5 | 0.08 | 98.69 |
| 75.0-76.0 | 99.4 | 10.6 | 14281.1 | 0.07 | 98.77 |
| 76.0-77.0 | 84.0 | 9.0 | 14290.0 | 0.06 | 98.83 |
| 77.0-78.0 | 70.0 | 7.5 | 14297.5 | 0.05 | 98.88 |
| 78.0-79.0 | 58.2 | 6.3 | 14303.8 | 0.04 | 98.92 |
| 79.0-80.0 | 47.0 | 5.1 | 14308.9 | 0.04 | 98.96 |
| 80.0-81.0 | 37.2 | 4.0 | 14312.9 | 0.03 | 98.99 |
| 81.0-82.0 | 29.3 | 3.2 | 14316.1 | 0.02 | 99.01 |
| 82.0-83.0 | 22.6 | 2.5 | 14318.5 | 0.02 | 99.02 |
| 83.0-84.0 | 17.6 | 1.9 | 14320.4 | 0.01 | 99.04 |
| 84.0-85.0 | 13.8 | 1.5 | 14321.9 | 0.01 | 99.05 |
| 85.0-86.0 | 10.9 | 1.2 | 14323.1 | 0.01 | 99.06 |
| 86.0-87.0 | 8.8 | 1.0 | 14324.1 | 0.01 | 99.06 |
| 87.0-88.0 | 7.3 | 0.8 | 14324.9 | 0.01 | 99.07 |
| 88.0-89.0 | 6.3 | 0.7 | 14325.6 | 0.00 | 99.07 |
| 89.0-90.0 | 6.0 | 0.7 | 14326.2 | 0.00 | 99.08 |
| 90.0-91.0 | 6.0 | 0.7 | 14326.9 | 0.00 | 99.08 |
| 91.0-92.0 | 6.0 | 0.7 | 14327.6 | 0.00 | 99.09 |
| 92.0-93.0 | 6.2 | 0.7 | 14328.2 | 0.00 | 99.09 |
| 93.0-94.0 | 6.4 | 0.7 | 14328.9 | 0.00 | 99.10 |
| 94.0-95.0 | 6.5 | 0.7 | 14329.7 | 0.00 | 99.10 |
| 95.0-96.0 | 6.8 | 0.7 | 14330.4 | 0.01 | 99.11 |
| 96.0-97.0 | 7.0 | 0.8 | 14331.1 | 0.01 | 99.11 |
| 97.0-98.0 | 7.2 | 0.8 | 14331.9 | 0.01 | 99.12 |
| 98.0-99.0 | 7.5 | 0.8 | 14332.7 | 0.01 | 99.12 |
| 99.0-100.0 | 7.7 | 0.8 | 14333.6 | 0.01 | 99.13 |
| 100.0-101.0 | 8.1 | 0.9 | 14334.4 | 0.01 | 99.13 |
| 101.0-102.0 | 8.4 | 0.9 | 14335.3 | 0.01 | 99.14 |
| 102.0-103.0 | 8.6 | 0.9 | 14336.3 | 0.01 | 99.15 |
| 103.0-104.0 | 8.9 | 1.0 | 14337.2 | 0.01 | 99.15 |
| 104.0-105.0 | 9.3 | 1.0 | 14338.2 | 0.01 | 99.16 |
| 105.0-106.0 | 9.5 | 1.0 | 14339.2 | 0.01 | 99.17 |
| 106.0-107.0 | 9.9 | 1.0 | 14340.2 | 0.01 | 99.17 |
| 107.0-108.0 | 10.4 | 1.1 | 14341.3 | 0.01 | 99.18 |

C Plane (°):0.0-360.0: 22.5
Test Lab: Fotonik Teknoloji ve Mühendislik
Test Type: TYPE C
Temperature: 25°
Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0
Test Device: LSG-1700B
Distance: 10.373 m
Humidity:
Inspector:

Zonal Lumen (Continue 3)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 108.0-109.0 | 10.7 | 1.1 | 14342.4 | 0.01 | 99.19 |
| 109.0-110.0 | 11.2 | 1.2 | 14343.6 | 0.01 | 99.20 |
| 110.0-111.0 | 11.7 | 1.2 | 14344.8 | 0.01 | 99.21 |
| 111.0-112.0 | 12.2 | 1.2 | 14346.0 | 0.01 | 99.21 |
| 112.0-113.0 | 12.6 | 1.3 | 14347.3 | 0.01 | 99.22 |
| 113.0-114.0 | 13.2 | 1.3 | 14348.7 | 0.01 | 99.23 |
| 114.0-115.0 | 13.9 | 1.4 | 14350.0 | 0.01 | 99.24 |
| 115.0-116.0 | 14.5 | 1.4 | 14351.5 | 0.01 | 99.25 |
| 116.0-117.0 | 14.8 | 1.5 | 14352.9 | 0.01 | 99.26 |
| 117.0-118.0 | 15.4 | 1.5 | 14354.4 | 0.01 | 99.27 |
| 118.0-119.0 | 16.0 | 1.5 | 14356.0 | 0.01 | 99.28 |
| 119.0-120.0 | 16.4 | 1.6 | 14357.5 | 0.01 | 99.29 |
| 120.0-121.0 | 17.2 | 1.6 | 14359.2 | 0.01 | 99.31 |
| 121.0-122.0 | 18.0 | 1.7 | 14360.8 | 0.01 | 99.32 |
| 122.0-123.0 | 18.5 | 1.7 | 14362.5 | 0.01 | 99.33 |
| 123.0-124.0 | 19.2 | 1.8 | 14364.3 | 0.01 | 99.34 |
| 124.0-125.0 | 20.0 | 1.8 | 14366.1 | 0.01 | 99.35 |
| 125.0-126.0 | 20.5 | 1.8 | 14367.9 | 0.01 | 99.37 |
| 126.0-127.0 | 21.3 | 1.9 | 14369.8 | 0.01 | 99.38 |
| 127.0-128.0 | 22.1 | 1.9 | 14371.7 | 0.01 | 99.39 |
| 128.0-129.0 | 22.6 | 1.9 | 14373.7 | 0.01 | 99.41 |
| 129.0-130.0 | 23.2 | 2.0 | 14375.6 | 0.01 | 99.42 |
| 130.0-131.0 | 24.1 | 2.0 | 14377.7 | 0.01 | 99.43 |
| 131.0-132.0 | 24.9 | 2.0 | 14379.7 | 0.01 | 99.45 |
| 132.0-133.0 | 25.5 | 2.1 | 14381.8 | 0.01 | 99.46 |
| 133.0-134.0 | 26.3 | 2.1 | 14383.9 | 0.01 | 99.48 |
| 134.0-135.0 | 27.1 | 2.1 | 14386.0 | 0.01 | 99.49 |
| 135.0-136.0 | 28.0 | 2.1 | 14388.1 | 0.01 | 99.51 |
| 136.0-137.0 | 28.7 | 2.2 | 14390.3 | 0.01 | 99.52 |
| 137.0-138.0 | 29.5 | 2.2 | 14392.5 | 0.02 | 99.54 |
| 138.0-139.0 | 30.4 | 2.2 | 14394.7 | 0.02 | 99.55 |
| 139.0-140.0 | 31.3 | 2.2 | 14396.9 | 0.02 | 99.57 |
| 140.0-141.0 | 32.1 | 2.2 | 14399.1 | 0.02 | 99.58 |
| 141.0-142.0 | 33.0 | 2.3 | 14401.4 | 0.02 | 99.60 |
| 142.0-143.0 | 33.9 | 2.3 | 14403.7 | 0.02 | 99.61 |
| 143.0-144.0 | 34.8 | 2.3 | 14405.9 | 0.02 | 99.63 |

C Plane (°):0.0-360.0: 22.5
Test Lab: Fotonik Teknoloji ve Mühendislik
Test Type: TYPE C
Temperature: 25°
Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0
Test Device: LSG-1700B
Distance: 10.373 m
Humidity:
Inspector:

Zonal Lumen (Continue 4)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 144.0-145.0 | 35.5 | 2.3 | 14408.2 | 0.02 | 99.64 |
| 145.0-146.0 | 36.4 | 2.3 | 14410.4 | 0.02 | 99.66 |
| 146.0-147.0 | 37.4 | 2.3 | 14412.7 | 0.02 | 99.68 |
| 147.0-148.0 | 38.1 | 2.2 | 14415.0 | 0.02 | 99.69 |
| 148.0-149.0 | 38.9 | 2.2 | 14417.2 | 0.02 | 99.71 |
| 149.0-150.0 | 39.9 | 2.2 | 14419.4 | 0.02 | 99.72 |
| 150.0-151.0 | 40.7 | 2.2 | 14421.6 | 0.02 | 99.74 |
| 151.0-152.0 | 41.6 | 2.2 | 14423.8 | 0.02 | 99.75 |
| 152.0-153.0 | 42.5 | 2.2 | 14425.9 | 0.01 | 99.77 |
| 153.0-154.0 | 43.3 | 2.1 | 14428.0 | 0.01 | 99.78 |
| 154.0-155.0 | 44.2 | 2.1 | 14430.1 | 0.01 | 99.80 |
| 155.0-156.0 | 45.0 | 2.0 | 14432.2 | 0.01 | 99.81 |
| 156.0-157.0 | 45.7 | 2.0 | 14434.2 | 0.01 | 99.82 |
| 157.0-158.0 | 46.5 | 2.0 | 14436.1 | 0.01 | 99.84 |
| 158.0-159.0 | 47.3 | 1.9 | 14438.0 | 0.01 | 99.85 |
| 159.0-160.0 | 47.9 | 1.8 | 14439.9 | 0.01 | 99.86 |
| 160.0-161.0 | 48.6 | 1.8 | 14441.6 | 0.01 | 99.88 |
| 161.0-162.0 | 49.5 | 1.7 | 14443.4 | 0.01 | 99.89 |
| 162.0-163.0 | 50.3 | 1.7 | 14445.0 | 0.01 | 99.90 |
| 163.0-164.0 | 50.8 | 1.6 | 14446.6 | 0.01 | 99.91 |
| 164.0-165.0 | 51.3 | 1.5 | 14448.1 | 0.01 | 99.92 |
| 165.0-166.0 | 51.7 | 1.4 | 14449.5 | 0.01 | 99.93 |
| 166.0-167.0 | 52.2 | 1.3 | 14450.9 | 0.01 | 99.94 |
| 167.0-168.0 | 52.8 | 1.3 | 14452.1 | 0.01 | 99.95 |
| 168.0-169.0 | 53.2 | 1.2 | 14453.3 | 0.01 | 99.96 |
| 169.0-170.0 | 53.8 | 1.1 | 14454.4 | 0.01 | 99.96 |
| 170.0-171.0 | 54.3 | 1.0 | 14455.3 | 0.01 | 99.97 |
| 171.0-172.0 | 54.6 | 0.9 | 14456.2 | 0.01 | 99.98 |
| 172.0-173.0 | 55.1 | 0.8 | 14457.0 | 0.01 | 99.98 |
| 173.0-174.0 | 55.5 | 0.7 | 14457.7 | 0.00 | 99.99 |
| 174.0-175.0 | 55.6 | 0.6 | 14458.3 | 0.00 | 99.99 |
| 175.0-176.0 | 55.8 | 0.5 | 14458.8 | 0.00 | 99.99 |
| 176.0-177.0 | 56.0 | 0.4 | 14459.1 | 0.00 | 100.00 |
| 177.0-178.0 | 56.4 | 0.3 | 14459.4 | 0.00 | 100.00 |
| 178.0-179.0 | 56.7 | 0.2 | 14459.6 | 0.00 | 100.00 |
| 179.0-180.0 | 56.9 | 0.1 | 14459.6 | 0.00 | 100.00 |

C Plane (°):0.0-360.0: 22.5
Test Lab: Fotonik Teknoloji ve Mühendislik
Test Type: TYPE C
Temperature: 25°
Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0
Test Device: LSG-1700B
Distance: 10.373 m
Humidity:
Inspector:

Candlepower Table

Unit: cd

| G\C | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| G0.0 | 11202.0 | 11187.7 | 11168.9 | 11164.4 | 11150.4 | 11148.6 | 11152.8 | 11159.6 | 11202.0 | 11187.7 |
| G1.0 | 11147.1 | 11129.5 | 11107.1 | 11102.4 | 11103.3 | 11107.4 | 11120.0 | 11134.9 | 11225.8 | 11210.6 |
| G2.0 | 11089.3 | 11061.5 | 11046.0 | 11029.3 | 11036.2 | 11055.5 | 11069.6 | 11098.5 | 11203.5 | 11200.5 |
| G3.0 | 11023.0 | 10973.8 | 10942.2 | 10935.1 | 10952.4 | 10972.6 | 10984.6 | 11027.2 | 11165.3 | 11177.2 |
| G4.0 | 10941.6 | 10887.3 | 10837.8 | 10827.7 | 10854.2 | 10875.1 | 10908.5 | 10954.8 | 11127.4 | 11143.5 |
| G5.0 | 10825.6 | 10748.1 | 10729.6 | 10702.7 | 10717.3 | 10745.7 | 10816.7 | 10842.6 | 11046.9 | 11095.2 |
| G6.0 | 10689.6 | 10607.6 | 10559.3 | 10543.8 | 10562.9 | 10599.8 | 10660.1 | 10707.2 | 10960.4 | 10995.9 |
| G7.0 | 10557.8 | 10479.4 | 10407.8 | 10371.7 | 10410.8 | 10460.6 | 10507.1 | 10571.8 | 10834.9 | 10875.1 |
| G8.0 | 10393.5 | 10312.0 | 10235.1 | 10212.4 | 10233.0 | 10276.9 | 10345.5 | 10402.4 | 10683.1 | 10749.6 |
| G9.0 | 10208.6 | 10115.8 | 10024.0 | 10007.5 | 10021.9 | 10073.8 | 10140.9 | 10195.1 | 10542.3 | 10602.8 |
| G10.0 | 10024.8 | 9928.8 | 9834.9 | 9805.0 | 9822.7 | 9881.1 | 9947.9 | 10024.5 | 10364.5 | 10420.9 |
| G11.0 | 9815.8 | 9702.8 | 9622.2 | 9569.5 | 9594.5 | 9643.1 | 9725.4 | 9794.0 | 10154.6 | 10210.7 |
| G12.0 | 9611.8 | 9481.8 | 9407.5 | 9358.6 | 9372.0 | 9416.2 | 9504.4 | 9553.9 | 9944.0 | 10023.1 |
| G13.0 | 9384.5 | 9285.5 | 9182.0 | 9140.6 | 9154.9 | 9199.3 | 9267.0 | 9338.9 | 9741.5 | 9823.0 |
| G14.0 | 9144.5 | 9035.6 | 8936.9 | 8879.0 | 8911.0 | 8949.4 | 9018.0 | 9082.4 | 9491.0 | 9586.5 |
| G15.0 | 8908.0 | 8803.0 | 8698.3 | 8652.7 | 8676.2 | 8721.0 | 8780.3 | 8841.2 | 9272.1 | 9339.2 |
| G16.0 | 8686.4 | 8593.9 | 8472.0 | 8431.7 | 8435.3 | 8483.9 | 8546.2 | 8607.3 | 9043.1 | 9096.5 |
| G17.0 | 8441.8 | 8324.3 | 8216.1 | 8169.5 | 8186.5 | 8226.2 | 8265.0 | 8344.3 | 8776.7 | 8856.7 |
| G18.0 | 8193.4 | 8085.4 | 7985.5 | 7936.9 | 7965.2 | 7979.9 | 8042.2 | 8102.1 | 8539.6 | 8616.9 |
| G19.0 | 7953.6 | 7840.9 | 7724.6 | 7683.1 | 7698.6 | 7717.7 | 7771.1 | 7820.9 | 8279.3 | 8346.7 |
| G20.0 | 7727.9 | 7601.4 | 7505.4 | 7469.3 | 7452.6 | 7488.7 | 7549.8 | 7581.4 | 8046.4 | 8105.7 |
| G21.0 | 7478.5 | 7382.8 | 7294.8 | 7245.0 | 7232.2 | 7274.8 | 7313.3 | 7355.6 | 7766.0 | 7840.3 |
| G22.0 | 7210.4 | 7128.7 | 7046.1 | 7004.9 | 6999.9 | 7028.5 | 7055.6 | 7079.5 | 7550.7 | 7600.5 |
| G23.0 | 6949.5 | 6899.1 | 6844.8 | 6785.7 | 6783.3 | 6806.9 | 6848.1 | 6852.8 | 7294.8 | 7376.5 |
| G24.0 | 6696.0 | 6675.1 | 6628.0 | 6577.3 | 6563.8 | 6583.2 | 6632.7 | 6633.6 | 7053.5 | 7120.4 |
| G25.0 | 6432.9 | 6419.8 | 6409.4 | 6348.5 | 6336.6 | 6360.1 | 6390.9 | 6399.8 | 6818.5 | 6882.6 |
| G26.0 | 6208.9 | 6177.6 | 6203.0 | 6158.5 | 6132.6 | 6147.8 | 6181.5 | 6200.3 | 6611.6 | 6671.8 |
| G27.0 | 5960.2 | 5941.4 | 5987.1 | 5945.9 | 5927.1 | 5933.7 | 5974.5 | 5979.3 | 6371.8 | 6434.4 |
| G28.0 | 5769.0 | 5735.6 | 5804.2 | 5753.8 | 5744.0 | 5745.8 | 5768.5 | 5789.9 | 6166.3 | 6236.4 |
| G29.0 | 5565.6 | 5530.8 | 5627.1 | 5573.4 | 5551.3 | 5562.7 | 5583.5 | 5601.7 | 5956.9 | 6009.7 |
| G30.0 | 5364.9 | 5326.2 | 5418.0 | 5378.7 | 5363.1 | 5369.4 | 5386.4 | 5402.8 | 5780.7 | 5826.9 |
| G31.0 | 5191.7 | 5144.5 | 5217.3 | 5210.5 | 5178.8 | 5195.5 | 5221.5 | 5222.7 | 5589.2 | 5625.0 |
| G32.0 | 5013.6 | 4974.0 | 5010.0 | 5019.9 | 4947.1 | 5020.5 | 5032.7 | 5047.0 | 5396.9 | 5439.8 |
| G33.0 | 4876.1 | 4826.6 | 4844.8 | 4868.4 | 4691.8 | 4852.3 | 4869.9 | 4882.4 | 5228.0 | 5264.4 |
| G34.0 | 4715.4 | 4679.9 | 4668.3 | 4675.1 | 4428.8 | 4632.5 | 4708.2 | 4712.1 | 5061.3 | 5096.8 |
| G35.0 | 4556.7 | 4517.6 | 4491.4 | 4440.7 | 4163.0 | 4365.3 | 4546.0 | 4546.6 | 4881.2 | 4908.9 |
| G36.0 | 4412.1 | 4372.1 | 4344.4 | 4206.6 | 3980.5 | 4121.9 | 4387.9 | 4389.1 | 4729.1 | 4746.7 |

C Plane (°):0.0-360.0: 22.5
 Test Lab: Fotonik Teknoloji ve Mühendislik
 Test Type: TYPE C
 Temperature: 25°
 Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0
 Test Device: LSG-1700B
 Distance: 10.373 m
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

| G\C | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| G37.0 | 4277.9 | 4243.6 | 4197.6 | 3976.1 | 3828.4 | 3901.5 | 4246.3 | 4251.6 | 4547.8 | 4584.2 |
| G38.0 | 4129.4 | 4089.7 | 4055.1 | 3769.4 | 3690.6 | 3711.8 | 4092.1 | 4090.9 | 4398.7 | 4430.6 |
| G39.0 | 3997.8 | 3967.7 | 3914.9 | 3608.0 | 3566.0 | 3566.9 | 3952.8 | 3948.9 | 4251.0 | 4289.5 |
| G40.0 | 3855.3 | 3831.7 | 3784.6 | 3468.8 | 3434.8 | 3425.8 | 3805.8 | 3803.4 | 4098.6 | 4132.3 |
| G41.0 | 3726.1 | 3696.6 | 3652.5 | 3350.7 | 3318.4 | 3309.8 | 3638.5 | 3666.8 | 3968.0 | 3988.3 |
| G42.0 | 3611.9 | 3587.5 | 3516.2 | 3238.2 | 3209.6 | 3193.5 | 3459.5 | 3537.4 | 3820.4 | 3851.1 |
| G43.0 | 3487.0 | 3458.3 | 3344.7 | 3118.6 | 3081.7 | 3065.3 | 3260.9 | 3394.8 | 3687.4 | 3713.0 |
| G44.0 | 3375.7 | 3346.5 | 3184.3 | 3016.0 | 2975.5 | 2957.0 | 3072.1 | 3271.3 | 3555.6 | 3568.7 |
| G45.0 | 3240.0 | 3234.6 | 3014.0 | 2906.3 | 2869.9 | 2841.0 | 2920.0 | 3152.0 | 3422.8 | 3429.7 |
| G46.0 | 3080.8 | 3105.8 | 2845.8 | 2792.7 | 2748.5 | 2719.6 | 2763.7 | 3022.6 | 3299.4 | 3309.2 |
| G47.0 | 2956.1 | 2990.4 | 2710.1 | 2680.8 | 2653.4 | 2614.9 | 2645.3 | 2899.1 | 3157.7 | 3186.6 |
| G48.0 | 2821.9 | 2832.3 | 2578.8 | 2560.9 | 2534.1 | 2498.3 | 2523.4 | 2732.1 | 2980.0 | 3056.3 |
| G49.0 | 2712.4 | 2694.3 | 2472.7 | 2448.8 | 2430.3 | 2396.3 | 2414.5 | 2591.7 | 2855.6 | 2925.7 |
| G50.0 | 2606.9 | 2579.7 | 2363.5 | 2328.9 | 2321.2 | 2283.9 | 2305.6 | 2477.4 | 2741.4 | 2777.5 |
| G51.0 | 2491.4 | 2453.0 | 2255.6 | 2218.9 | 2202.5 | 2168.2 | 2185.8 | 2345.9 | 2615.8 | 2624.5 |
| G52.0 | 2385.6 | 2346.2 | 2146.7 | 2102.9 | 2032.5 | 2060.2 | 2071.2 | 2227.8 | 2499.2 | 2509.3 |
| G53.0 | 2277.6 | 2241.5 | 2043.5 | 1983.6 | 1824.3 | 1936.1 | 1951.3 | 2107.9 | 2373.9 | 2371.6 |
| G54.0 | 2162.5 | 2116.9 | 1919.7 | 1840.7 | 1679.7 | 1741.1 | 1817.7 | 1958.5 | 2252.3 | 2256.1 |
| G55.0 | 2047.4 | 1997.3 | 1800.7 | 1657.0 | 1566.3 | 1561.3 | 1685.0 | 1824.6 | 2114.2 | 2125.5 |
| G56.0 | 1906.9 | 1866.1 | 1644.2 | 1464.6 | 1433.0 | 1406.5 | 1528.2 | 1671.6 | 1970.7 | 1986.5 |
| G57.0 | 1761.1 | 1732.7 | 1503.4 | 1331.3 | 1297.9 | 1279.7 | 1383.2 | 1518.6 | 1833.3 | 1847.0 |
| G58.0 | 1590.5 | 1586.3 | 1373.7 | 1208.2 | 1173.3 | 1144.9 | 1224.3 | 1354.6 | 1663.0 | 1708.9 |
| G59.0 | 1430.9 | 1413.9 | 1213.5 | 1057.8 | 1017.3 | 994.9 | 1066.8 | 1147.3 | 1487.3 | 1544.0 |
| G60.0 | 1285.7 | 1230.2 | 1068.0 | 912.9 | 873.8 | 851.5 | 905.4 | 979.1 | 1333.4 | 1375.5 |
| G61.0 | 1136.3 | 1058.7 | 909.0 | 778.1 | 734.0 | 715.2 | 733.7 | 816.6 | 1157.8 | 1183.1 |
| G62.0 | 974.6 | 890.2 | 744.4 | 634.9 | 583.3 | 577.4 | 571.4 | 651.3 | 998.8 | 1010.1 |
| G63.0 | 822.8 | 740.8 | 596.2 | 518.9 | 439.9 | 465.5 | 462.3 | 529.1 | 839.5 | 832.7 |
| G64.0 | 682.7 | 600.0 | 468.2 | 414.5 | 347.4 | 348.9 | 370.7 | 423.5 | 675.8 | 665.7 |
| G65.0 | 559.5 | 500.7 | 388.9 | 323.0 | 265.1 | 284.5 | 306.3 | 348.0 | 528.8 | 530.6 |
| G66.0 | 462.3 | 415.4 | 324.5 | 266.9 | 214.4 | 244.0 | 263.0 | 302.1 | 385.9 | 421.4 |
| G67.0 | 357.0 | 347.4 | 276.5 | 230.5 | 180.1 | 214.4 | 231.1 | 269.0 | 306.0 | 344.5 |
| G68.0 | 295.5 | 303.0 | 245.4 | 205.5 | 161.3 | 192.7 | 210.6 | 244.9 | 269.9 | 299.4 |
| G69.0 | 258.3 | 271.1 | 220.7 | 183.1 | 142.3 | 170.6 | 187.9 | 221.3 | 244.9 | 264.5 |
| G70.0 | 235.0 | 244.3 | 197.7 | 162.5 | 127.1 | 147.9 | 166.7 | 198.0 | 224.6 | 238.6 |
| G71.0 | 216.2 | 223.4 | 178.3 | 141.4 | 114.8 | 130.3 | 149.4 | 178.9 | 207.9 | 215.6 |
| G72.0 | 195.9 | 200.1 | 157.8 | 122.9 | 97.8 | 113.6 | 129.7 | 159.6 | 187.0 | 193.3 |
| G73.0 | 178.6 | 180.7 | 140.8 | 108.6 | 85.6 | 96.3 | 110.3 | 142.3 | 167.3 | 172.4 |

C Plane (°):0.0-360.0: 22.5

Test Lab: Fotonik Teknoloji ve Mühendislik

Test Type: TYPE C

Temperature: 25°

Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0

Test Device: LSG-1700B

Distance: 10.373 m

Humidity:

Inspector:

Candlepower Table (Continue 2)

Unit: cd

| G\C | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| G74.0 | 161.6 | 161.1 | 123.8 | 92.8 | 70.7 | 82.0 | 92.2 | 123.5 | 143.4 | 151.8 |
| G75.0 | 138.4 | 142.3 | 103.8 | 78.1 | 58.2 | 69.8 | 78.7 | 106.2 | 124.7 | 132.4 |
| G76.0 | 119.6 | 123.5 | 84.7 | 66.8 | 47.1 | 58.2 | 66.2 | 91.0 | 106.8 | 114.8 |
| G77.0 | 101.4 | 105.9 | 70.1 | 53.1 | 37.9 | 45.9 | 53.4 | 76.3 | 90.4 | 97.2 |
| G78.0 | 86.8 | 91.6 | 58.5 | 42.3 | 29.8 | 34.0 | 43.2 | 63.2 | 78.7 | 82.6 |
| G79.0 | 75.2 | 78.1 | 47.7 | 32.2 | 24.2 | 26.8 | 33.4 | 50.4 | 65.9 | 68.9 |
| G80.0 | 63.8 | 63.5 | 36.7 | 23.0 | 17.6 | 19.1 | 25.0 | 40.0 | 50.7 | 54.0 |
| G81.0 | 52.2 | 52.2 | 29.2 | 17.0 | 14.9 | 14.9 | 19.7 | 30.1 | 41.2 | 43.5 |
| G82.0 | 42.0 | 42.3 | 22.7 | 12.8 | 13.4 | 12.5 | 14.0 | 21.8 | 29.8 | 31.9 |
| G83.0 | 30.1 | 30.7 | 17.3 | 11.9 | 12.5 | 11.3 | 11.9 | 16.4 | 22.4 | 23.0 |
| G84.0 | 23.3 | 22.4 | 13.1 | 10.1 | 9.5 | 8.9 | 10.4 | 11.6 | 15.8 | 17.0 |
| G85.0 | 17.0 | 16.1 | 11.3 | 8.6 | 8.9 | 8.6 | 8.6 | 8.1 | 9.3 | 12.5 |
| G86.0 | 11.0 | 12.2 | 10.1 | 6.9 | 8.4 | 7.8 | 7.2 | 7.5 | 5.4 | 8.1 |
| G87.0 | 7.2 | 9.8 | 8.6 | 6.6 | 6.0 | 6.6 | 7.2 | 7.5 | 1.5 | 5.7 |
| G88.0 | 3.6 | 6.6 | 8.4 | 6.3 | 5.7 | 5.1 | 5.7 | 6.6 | 2.7 | 5.1 |
| G89.0 | 3.0 | 7.2 | 6.9 | 6.0 | 5.4 | 6.0 | 5.7 | 6.6 | 0.0 | 5.7 |
| G90.0 | 2.1 | 6.6 | 7.8 | 5.4 | 5.7 | 6.0 | 7.2 | 7.5 | 0.9 | 5.1 |
| G91.0 | 1.8 | 6.3 | 6.6 | 5.4 | 5.4 | 6.3 | 6.6 | 6.9 | 1.2 | 5.4 |
| G92.0 | 1.5 | 6.3 | 7.2 | 5.7 | 5.7 | 6.6 | 7.5 | 6.9 | 1.5 | 5.1 |
| G93.0 | 2.1 | 6.9 | 6.9 | 6.0 | 6.6 | 6.0 | 7.2 | 7.5 | 2.4 | 4.8 |
| G94.0 | 2.4 | 6.9 | 8.1 | 6.3 | 7.2 | 6.6 | 7.2 | 6.9 | 0.3 | 5.4 |
| G95.0 | 2.4 | 4.5 | 7.5 | 6.0 | 6.9 | 6.9 | 4.5 | 7.8 | 3.0 | 6.3 |
| G96.0 | 2.4 | 6.6 | 8.1 | 5.4 | 6.9 | 6.6 | 6.9 | 7.5 | 3.3 | 6.6 |
| G97.0 | 0.0 | 6.9 | 7.8 | 6.0 | 6.9 | 6.9 | 7.2 | 8.4 | 3.3 | 7.2 |
| G98.0 | 3.0 | 6.6 | 8.1 | 6.6 | 6.9 | 7.5 | 7.8 | 8.1 | 3.6 | 7.5 |
| G99.0 | 2.7 | 6.9 | 8.6 | 5.4 | 6.3 | 7.2 | 6.0 | 7.8 | 4.2 | 8.6 |
| G100.0 | 3.9 | 7.5 | 8.1 | 7.5 | 7.5 | 6.3 | 7.5 | 7.5 | 4.5 | 7.8 |
| G101.0 | 3.3 | 8.4 | 8.6 | 7.2 | 7.2 | 7.5 | 7.8 | 8.1 | 5.1 | 8.1 |
| G102.0 | 2.1 | 7.5 | 9.8 | 7.2 | 8.4 | 8.4 | 8.1 | 8.6 | 4.5 | 8.6 |
| G103.0 | 3.9 | 7.5 | 9.8 | 7.5 | 8.1 | 7.8 | 7.8 | 8.1 | 6.3 | 8.6 |
| G104.0 | 3.3 | 8.1 | 9.3 | 7.5 | 8.4 | 8.1 | 9.5 | 8.6 | 6.6 | 9.3 |
| G105.0 | 4.8 | 9.3 | 10.4 | 6.9 | 8.1 | 8.4 | 9.3 | 9.5 | 5.1 | 10.1 |
| G106.0 | 4.8 | 9.3 | 10.7 | 7.2 | 7.5 | 7.8 | 8.9 | 8.6 | 7.2 | 10.1 |
| G107.0 | 4.8 | 9.3 | 9.3 | 8.1 | 8.9 | 9.3 | 9.5 | 10.4 | 7.5 | 11.3 |
| G108.0 | 4.5 | 9.8 | 10.7 | 8.6 | 9.5 | 9.5 | 10.1 | 10.1 | 8.1 | 11.0 |
| G109.0 | 5.7 | 9.5 | 10.4 | 9.3 | 8.6 | 9.8 | 10.1 | 10.4 | 8.1 | 11.6 |
| G110.0 | 5.4 | 9.8 | 11.9 | 9.5 | 9.3 | 9.8 | 9.5 | 11.3 | 10.1 | 13.4 |

C Plane (°):0.0-360.0: 22.5
 Test Lab: Fotonik Teknoloji ve Mühendislik
 Test Type: TYPE C
 Temperature: 25°
 Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0
 Test Device: LSG-1700B
 Distance: 10.373 m
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

| G\C | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|--------|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| G111.0 | 6.0 | 10.4 | 12.5 | 9.8 | 8.6 | 11.0 | 11.0 | 11.0 | 8.1 | 13.7 |
| G112.0 | 6.0 | 11.3 | 11.9 | 10.4 | 10.1 | 9.5 | 11.3 | 11.6 | 10.4 | 13.4 |
| G113.0 | 8.1 | 11.9 | 11.9 | 10.7 | 10.4 | 11.3 | 11.0 | 12.2 | 11.6 | 14.9 |
| G114.0 | 6.9 | 11.6 | 12.2 | 11.9 | 11.0 | 11.0 | 12.5 | 12.8 | 12.5 | 15.5 |
| G115.0 | 8.9 | 11.9 | 13.7 | 11.6 | 11.3 | 11.6 | 13.4 | 13.7 | 11.9 | 16.1 |
| G116.0 | 8.6 | 13.4 | 14.3 | 11.9 | 12.5 | 11.6 | 14.3 | 13.1 | 13.1 | 17.0 |
| G117.0 | 8.6 | 12.5 | 14.3 | 11.3 | 11.9 | 11.9 | 14.3 | 14.3 | 13.4 | 17.3 |
| G118.0 | 10.1 | 13.7 | 15.2 | 12.5 | 13.1 | 12.5 | 14.0 | 14.0 | 14.6 | 17.9 |
| G119.0 | 9.8 | 13.7 | 15.5 | 13.4 | 12.5 | 12.5 | 14.3 | 14.3 | 14.9 | 19.7 |
| G120.0 | 10.1 | 13.7 | 15.5 | 13.1 | 13.7 | 13.7 | 16.1 | 14.3 | 15.5 | 18.8 |
| G121.0 | 11.3 | 15.2 | 16.7 | 13.4 | 14.3 | 14.3 | 16.1 | 16.4 | 17.3 | 20.9 |
| G122.0 | 12.2 | 16.1 | 15.8 | 15.5 | 14.9 | 15.2 | 15.8 | 15.8 | 18.2 | 20.6 |
| G123.0 | 11.9 | 15.2 | 17.3 | 14.0 | 16.1 | 15.8 | 16.7 | 17.0 | 17.9 | 20.9 |
| G124.0 | 13.7 | 16.4 | 18.2 | 15.5 | 15.2 | 16.7 | 17.9 | 17.3 | 19.4 | 22.7 |
| G125.0 | 13.4 | 17.9 | 17.9 | 15.2 | 16.1 | 17.0 | 18.2 | 18.2 | 20.0 | 23.3 |
| G126.0 | 14.6 | 17.9 | 18.8 | 16.4 | 16.1 | 17.3 | 17.9 | 18.8 | 20.6 | 24.2 |
| G127.0 | 14.9 | 18.2 | 19.1 | 17.6 | 17.0 | 18.2 | 20.3 | 19.7 | 21.2 | 24.8 |
| G128.0 | 15.8 | 19.4 | 19.4 | 18.2 | 17.6 | 19.1 | 19.4 | 20.9 | 22.7 | 24.8 |
| G129.0 | 16.1 | 19.7 | 20.9 | 17.9 | 19.4 | 17.9 | 19.7 | 20.6 | 23.0 | 26.0 |
| G130.0 | 17.6 | 19.7 | 20.9 | 19.4 | 18.8 | 19.7 | 20.0 | 21.5 | 24.2 | 27.4 |
| G131.0 | 18.2 | 21.2 | 22.7 | 20.0 | 20.6 | 19.1 | 20.3 | 21.5 | 25.0 | 28.6 |
| G132.0 | 18.5 | 21.2 | 22.1 | 20.3 | 20.9 | 20.0 | 22.1 | 22.7 | 26.2 | 28.0 |
| G133.0 | 19.1 | 22.1 | 23.9 | 19.7 | 21.2 | 20.9 | 22.1 | 23.0 | 26.2 | 30.7 |
| G134.0 | 19.1 | 21.8 | 23.3 | 22.1 | 22.4 | 21.5 | 23.3 | 23.6 | 27.4 | 30.4 |
| G135.0 | 20.3 | 23.9 | 24.5 | 21.8 | 22.7 | 22.4 | 24.2 | 24.2 | 28.3 | 31.3 |
| G136.0 | 21.5 | 25.0 | 25.4 | 22.7 | 23.3 | 22.4 | 24.5 | 24.8 | 29.2 | 32.2 |
| G137.0 | 20.9 | 25.0 | 24.8 | 23.3 | 23.6 | 23.9 | 25.6 | 26.0 | 29.2 | 33.4 |
| G138.0 | 23.0 | 25.4 | 25.4 | 23.9 | 25.6 | 25.4 | 26.0 | 27.4 | 31.0 | 34.6 |
| G139.0 | 24.2 | 26.0 | 28.0 | 25.6 | 26.2 | 26.0 | 27.7 | 27.1 | 32.8 | 34.9 |
| G140.0 | 23.0 | 26.8 | 28.0 | 26.2 | 27.4 | 26.5 | 26.5 | 28.6 | 33.1 | 35.5 |
| G141.0 | 24.2 | 27.4 | 29.5 | 26.8 | 27.7 | 27.4 | 28.6 | 28.6 | 34.3 | 36.7 |
| G142.0 | 25.6 | 28.6 | 29.5 | 27.7 | 28.3 | 27.4 | 28.3 | 30.7 | 34.0 | 37.0 |
| G143.0 | 26.2 | 28.9 | 30.7 | 29.5 | 28.3 | 28.6 | 30.1 | 30.4 | 35.5 | 38.5 |
| G144.0 | 27.1 | 30.4 | 32.5 | 30.7 | 30.1 | 29.5 | 30.4 | 31.0 | 37.3 | 39.1 |
| G145.0 | 28.6 | 30.7 | 31.6 | 29.8 | 30.1 | 29.5 | 32.2 | 31.9 | 37.0 | 38.8 |
| G146.0 | 29.2 | 31.3 | 33.7 | 31.9 | 31.9 | 30.1 | 32.8 | 32.8 | 39.4 | 41.2 |
| G147.0 | 29.5 | 31.9 | 34.0 | 32.8 | 33.1 | 32.2 | 32.8 | 33.4 | 39.1 | 41.5 |

C Plane (°):0.0-360.0: 22.5
 Test Lab: Fotonik Teknoloji ve Mühendislik
 Test Type: TYPE C
 Temperature: 25°
 Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0
 Test Device: LSG-1700B
 Distance: 10.373 m
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

| G\C | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|--------|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| G148.0 | 31.9 | 33.7 | 34.6 | 32.5 | 33.7 | 32.8 | 34.3 | 35.5 | 40.0 | 43.0 |
| G149.0 | 31.9 | 34.0 | 35.2 | 34.0 | 33.4 | 34.0 | 34.6 | 35.2 | 40.6 | 44.7 |
| G150.0 | 32.5 | 35.5 | 36.7 | 35.2 | 35.5 | 35.2 | 36.1 | 36.4 | 41.5 | 43.8 |
| G151.0 | 34.0 | 35.8 | 37.3 | 36.4 | 36.1 | 35.5 | 36.1 | 37.0 | 42.0 | 45.0 |
| G152.0 | 33.4 | 37.6 | 39.4 | 37.3 | 37.6 | 36.4 | 37.6 | 38.2 | 43.0 | 45.6 |
| G153.0 | 35.5 | 38.2 | 40.9 | 37.9 | 38.5 | 37.0 | 37.9 | 39.4 | 44.1 | 45.9 |
| G154.0 | 37.0 | 38.8 | 41.5 | 38.5 | 39.4 | 38.8 | 39.1 | 39.7 | 43.8 | 48.3 |
| G155.0 | 36.7 | 39.4 | 42.7 | 39.7 | 40.6 | 40.6 | 40.6 | 40.0 | 45.0 | 48.0 |
| G156.0 | 38.2 | 40.6 | 42.3 | 40.3 | 40.3 | 41.5 | 40.9 | 40.9 | 46.2 | 49.8 |
| G157.0 | 37.6 | 41.8 | 42.7 | 42.3 | 41.2 | 41.8 | 42.0 | 42.7 | 45.6 | 49.5 |
| G158.0 | 40.6 | 41.8 | 44.4 | 44.1 | 43.5 | 41.8 | 43.2 | 43.5 | 46.8 | 51.0 |
| G159.0 | 41.5 | 43.2 | 45.0 | 43.5 | 43.2 | 43.0 | 44.7 | 43.5 | 46.8 | 50.1 |
| G160.0 | 41.5 | 45.3 | 46.8 | 45.3 | 44.1 | 43.2 | 44.4 | 45.0 | 47.1 | 50.1 |
| G161.0 | 42.7 | 45.3 | 47.1 | 45.3 | 44.4 | 45.6 | 45.3 | 46.5 | 48.6 | 51.6 |
| G162.0 | 43.2 | 45.9 | 48.9 | 47.4 | 45.6 | 45.9 | 46.2 | 48.0 | 49.5 | 52.5 |
| G163.0 | 44.7 | 47.7 | 49.5 | 48.0 | 47.1 | 47.4 | 46.8 | 48.9 | 48.0 | 53.4 |
| G164.0 | 44.7 | 47.4 | 50.1 | 48.0 | 47.1 | 47.4 | 47.7 | 48.0 | 49.8 | 53.1 |
| G165.0 | 45.3 | 48.0 | 50.4 | 49.2 | 48.9 | 48.3 | 48.0 | 49.2 | 50.4 | 54.0 |
| G166.0 | 46.5 | 48.9 | 51.6 | 49.5 | 49.5 | 48.3 | 49.2 | 50.7 | 49.2 | 54.0 |
| G167.0 | 47.7 | 50.4 | 51.6 | 50.4 | 50.4 | 48.9 | 49.8 | 50.7 | 51.0 | 54.0 |
| G168.0 | 47.1 | 49.8 | 52.8 | 51.3 | 50.4 | 50.1 | 50.4 | 51.6 | 49.2 | 54.6 |
| G169.0 | 48.3 | 50.1 | 52.8 | 51.3 | 52.5 | 51.0 | 50.4 | 53.4 | 50.4 | 54.0 |
| G170.0 | 48.9 | 51.9 | 54.0 | 52.5 | 52.2 | 51.3 | 52.2 | 53.1 | 51.6 | 55.2 |
| G171.0 | 50.4 | 52.2 | 53.7 | 51.9 | 53.7 | 51.6 | 52.2 | 53.4 | 52.2 | 55.2 |
| G172.0 | 50.1 | 52.8 | 55.2 | 53.4 | 52.8 | 52.8 | 53.4 | 55.2 | 51.3 | 55.2 |
| G173.0 | 52.2 | 53.1 | 55.5 | 54.3 | 54.6 | 53.1 | 54.9 | 55.5 | 51.9 | 55.2 |
| G174.0 | 51.0 | 52.8 | 54.9 | 55.2 | 55.5 | 54.6 | 54.9 | 56.1 | 52.5 | 53.7 |
| G175.0 | 51.3 | 53.4 | 56.4 | 55.5 | 55.8 | 55.8 | 56.4 | 55.2 | 52.2 | 54.0 |
| G176.0 | 52.2 | 54.3 | 56.1 | 55.2 | 55.8 | 55.5 | 55.8 | 56.1 | 52.8 | 55.5 |
| G177.0 | 52.5 | 55.5 | 57.3 | 56.4 | 55.2 | 56.1 | 56.7 | 56.7 | 52.8 | 54.3 |
| G178.0 | 53.4 | 56.1 | 57.3 | 56.4 | 57.0 | 56.4 | 57.3 | 57.9 | 52.5 | 55.5 |
| G179.0 | 54.3 | 55.8 | 57.9 | 57.0 | 57.9 | 57.0 | 57.3 | 56.7 | 52.2 | 54.6 |
| G180.0 | 54.3 | 56.4 | 58.2 | 59.0 | 58.2 | 57.6 | 57.3 | 57.6 | 53.4 | 54.0 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

C Plane (°):0.0-360.0: 22.5
 Test Lab: Fotonik Teknoloji ve Mühendislik
 Test Type: TYPE C
 Temperature: 25°
 Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0
 Test Device: LSG-1700B
 Distance: 10.373 m
 Humidity:
 Inspector:

Candlepower Table (Continue 5)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|-------|---------|---------|---------|---------|---------|---------|---------|--|--|--|
| G0.0 | 11168.9 | 11164.4 | 11150.4 | 11148.6 | 11152.8 | 11159.6 | 11202.0 | | | |
| G1.0 | 11189.8 | 11216.0 | 11165.0 | 11168.0 | 11158.7 | 11152.2 | 11147.1 | | | |
| G2.0 | 11208.8 | 11208.0 | 11186.5 | 11159.0 | 11140.5 | 11112.5 | 11089.3 | | | |
| G3.0 | 11198.4 | 11200.8 | 11156.7 | 11125.9 | 11093.4 | 11073.7 | 11023.0 | | | |
| G4.0 | 11193.9 | 11126.5 | 11115.5 | 11086.0 | 11055.0 | 11004.5 | 10941.6 | | | |
| G5.0 | 11090.4 | 11079.1 | 11050.2 | 11020.7 | 10974.1 | 10933.6 | 10825.6 | | | |
| G6.0 | 10994.7 | 10992.3 | 10956.2 | 10929.1 | 10873.0 | 10819.9 | 10689.6 | | | |
| G7.0 | 10896.9 | 10879.9 | 10858.4 | 10809.2 | 10775.5 | 10712.9 | 10557.8 | | | |
| G8.0 | 10761.2 | 10755.2 | 10720.0 | 10680.7 | 10617.4 | 10573.0 | 10393.5 | | | |
| G9.0 | 10617.2 | 10602.2 | 10591.2 | 10533.9 | 10492.8 | 10426.0 | 10208.6 | | | |
| G10.0 | 10459.1 | 10451.3 | 10434.3 | 10375.0 | 10339.2 | 10272.4 | 10024.8 | | | |
| G11.0 | 10278.7 | 10264.3 | 10223.2 | 10191.3 | 10138.2 | 10082.1 | 9815.8 | | | |
| G12.0 | 10056.8 | 10054.7 | 10038.0 | 10002.5 | 9953.3 | 9895.4 | 9611.8 | | | |
| G13.0 | 9848.3 | 9871.0 | 9835.8 | 9803.3 | 9762.1 | 9704.3 | 9384.5 | | | |
| G14.0 | 9616.3 | 9635.1 | 9606.4 | 9589.4 | 9540.2 | 9466.6 | 9144.5 | | | |
| G15.0 | 9388.7 | 9397.7 | 9372.3 | 9360.4 | 9324.9 | 9249.4 | 8908.0 | | | |
| G16.0 | 9141.8 | 9143.6 | 9135.5 | 9116.7 | 9081.5 | 9021.9 | 8686.4 | | | |
| G17.0 | 8894.8 | 8908.0 | 8902.3 | 8879.0 | 8855.5 | 8793.7 | 8441.8 | | | |
| G18.0 | 8643.1 | 8670.3 | 8675.9 | 8654.8 | 8610.3 | 8573.9 | 8193.4 | | | |
| G19.0 | 8383.1 | 8406.9 | 8408.4 | 8393.2 | 8360.1 | 8314.8 | 7953.6 | | | |
| G20.0 | 8147.2 | 8175.2 | 8176.7 | 8170.7 | 8133.5 | 8096.8 | 7727.9 | | | |
| G21.0 | 7894.3 | 7916.6 | 7922.0 | 7927.7 | 7901.7 | 7863.9 | 7478.5 | | | |
| G22.0 | 7637.2 | 7664.3 | 7688.8 | 7686.1 | 7658.4 | 7617.2 | 7210.4 | | | |
| G23.0 | 7421.3 | 7436.8 | 7458.5 | 7453.5 | 7428.1 | 7381.0 | 6949.5 | | | |
| G24.0 | 7171.0 | 7189.5 | 7211.0 | 7201.2 | 7185.7 | 7152.3 | 6696.0 | | | |
| G25.0 | 6934.0 | 6969.7 | 6978.4 | 6981.4 | 6953.9 | 6914.6 | 6432.9 | | | |
| G26.0 | 6718.9 | 6732.3 | 6754.1 | 6751.4 | 6745.5 | 6693.9 | 6208.9 | | | |
| G27.0 | 6497.3 | 6500.0 | 6526.0 | 6525.7 | 6522.4 | 6428.4 | 5960.2 | | | |
| G28.0 | 6271.3 | 6300.2 | 6308.9 | 6323.5 | 6308.5 | 6201.5 | 5769.0 | | | |
| G29.0 | 6048.8 | 6076.8 | 6079.8 | 6096.5 | 6099.5 | 5958.4 | 5565.6 | | | |
| G30.0 | 5861.2 | 5881.8 | 5878.2 | 5910.4 | 5906.8 | 5747.9 | 5364.9 | | | |
| G31.0 | 5670.6 | 5679.9 | 5690.9 | 5718.0 | 5721.3 | 5559.4 | 5191.7 | | | |
| G32.0 | 5468.1 | 5496.2 | 5498.0 | 5517.6 | 5516.4 | 5362.0 | 5013.6 | | | |
| G33.0 | 5316.9 | 5319.0 | 5317.8 | 5345.0 | 5315.7 | 5190.2 | 4876.1 | | | |
| G34.0 | 5120.7 | 5146.9 | 5115.6 | 5172.3 | 5134.1 | 5026.4 | 4715.4 | | | |
| G35.0 | 4949.2 | 4954.6 | 4842.7 | 4994.2 | 4927.7 | 4859.4 | 4556.7 | | | |
| G36.0 | 4785.5 | 4772.0 | 4558.2 | 4820.4 | 4761.3 | 4710.6 | 4412.1 | | | |

C Plane (°):0.0-360.0: 22.5

Test Lab: Fotonik Teknoloji ve Mühendislik

Test Type: TYPE C

Temperature: 25°

Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0

Test Device: LSG-1700B

Distance: 10.373 m

Humidity:

Inspector:

Candlepower Table (Continue 6)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G37.0 | 4611.9 | 4520.6 | 4272.5 | 4575.2 | 4579.7 | 4555.8 | 4277.9 | | | |
| G38.0 | 4451.5 | 4247.2 | 4041.1 | 4328.0 | 4423.1 | 4421.3 | 4129.4 | | | |
| G39.0 | 4308.3 | 3997.8 | 3877.9 | 4077.5 | 4273.1 | 4284.7 | 3997.8 | | | |
| G40.0 | 4147.3 | 3775.9 | 3742.3 | 3832.6 | 4115.0 | 4138.3 | 3855.3 | | | |
| G41.0 | 4007.1 | 3606.9 | 3618.5 | 3661.4 | 3985.3 | 4004.7 | 3726.1 | | | |
| G42.0 | 3867.8 | 3475.6 | 3488.4 | 3524.5 | 3857.1 | 3876.1 | 3611.9 | | | |
| G43.0 | 3707.4 | 3339.9 | 3354.5 | 3391.2 | 3718.7 | 3748.8 | 3487.0 | | | |
| G44.0 | 3551.7 | 3221.2 | 3237.9 | 3278.5 | 3578.5 | 3613.7 | 3375.7 | | | |
| G45.0 | 3353.1 | 3090.9 | 3116.3 | 3140.7 | 3415.1 | 3488.1 | 3240.0 | | | |
| G46.0 | 3158.3 | 2981.8 | 2993.7 | 3031.3 | 3236.1 | 3373.6 | 3080.8 | | | |
| G47.0 | 2982.1 | 2870.2 | 2889.9 | 2924.2 | 3057.5 | 3257.3 | 2956.1 | | | |
| G48.0 | 2809.7 | 2756.9 | 2776.0 | 2801.0 | 2872.0 | 3133.9 | 2821.9 | | | |
| G49.0 | 2676.6 | 2645.6 | 2664.7 | 2689.8 | 2721.4 | 3014.6 | 2712.4 | | | |
| G50.0 | 2558.9 | 2539.2 | 2557.1 | 2588.1 | 2592.0 | 2876.5 | 2606.9 | | | |
| G51.0 | 2448.8 | 2427.9 | 2441.1 | 2467.6 | 2480.4 | 2719.9 | 2491.4 | | | |
| G52.0 | 2340.3 | 2315.8 | 2337.6 | 2352.8 | 2380.5 | 2594.9 | 2385.6 | | | |
| G53.0 | 2219.2 | 2196.8 | 2221.6 | 2232.6 | 2259.4 | 2476.5 | 2277.6 | | | |
| G54.0 | 2104.6 | 2099.0 | 2074.5 | 2121.6 | 2159.8 | 2368.9 | 2162.5 | | | |
| G55.0 | 1985.9 | 1983.3 | 1851.7 | 2008.0 | 2054.8 | 2256.4 | 2047.4 | | | |
| G56.0 | 1859.8 | 1817.1 | 1699.3 | 1886.9 | 1936.1 | 2131.2 | 1906.9 | | | |
| G57.0 | 1730.1 | 1606.6 | 1592.6 | 1691.9 | 1824.9 | 2019.1 | 1761.1 | | | |
| G58.0 | 1578.0 | 1458.7 | 1487.6 | 1503.4 | 1695.5 | 1898.6 | 1590.5 | | | |
| G59.0 | 1424.4 | 1329.8 | 1362.0 | 1373.4 | 1547.5 | 1749.4 | 1430.9 | | | |
| G60.0 | 1278.2 | 1205.2 | 1233.8 | 1258.3 | 1413.3 | 1612.3 | 1285.7 | | | |
| G61.0 | 1117.8 | 1058.4 | 1090.9 | 1120.2 | 1271.7 | 1437.2 | 1136.3 | | | |
| G62.0 | 957.0 | 914.7 | 951.7 | 991.9 | 1124.6 | 1253.5 | 974.6 | | | |
| G63.0 | 779.3 | 775.1 | 809.4 | 855.0 | 981.8 | 1096.0 | 822.8 | | | |
| G64.0 | 591.7 | 625.7 | 662.4 | 709.2 | 811.2 | 919.5 | 682.7 | | | |
| G65.0 | 475.7 | 499.5 | 486.1 | 582.8 | 641.8 | 767.4 | 559.5 | | | |
| G66.0 | 377.0 | 363.0 | 377.9 | 464.6 | 506.7 | 622.1 | 462.3 | | | |
| G67.0 | 309.3 | 292.0 | 284.5 | 345.6 | 411.3 | 509.1 | 357.0 | | | |
| G68.0 | 264.8 | 247.8 | 220.4 | 278.5 | 333.1 | 420.8 | 295.5 | | | |
| G69.0 | 233.2 | 213.5 | 182.8 | 231.4 | 277.4 | 340.9 | 258.3 | | | |
| G70.0 | 207.0 | 188.8 | 160.1 | 202.8 | 238.0 | 294.7 | 235.0 | | | |
| G71.0 | 186.4 | 167.3 | 141.1 | 178.6 | 210.0 | 263.3 | 216.2 | | | |
| G72.0 | 163.1 | 143.4 | 125.8 | 156.0 | 188.5 | 233.8 | 195.9 | | | |
| G73.0 | 145.5 | 126.2 | 112.1 | 134.8 | 167.0 | 212.3 | 178.6 | | | |

C Plane (°):0.0-360.0: 22.5

Test Lab: Fotonik Teknoloji ve Mühendislik

Test Type: TYPE C

Temperature: 25°

Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0

Test Device: LSG-1700B

Distance: 10.373 m

Humidity:

Inspector:

Candlepower Table (Continue 7)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G74.0 | 126.4 | 110.3 | 95.4 | 117.5 | 146.7 | 191.2 | 161.6 | | | |
| G75.0 | 105.6 | 92.2 | 81.4 | 102.3 | 129.7 | 170.6 | 138.4 | | | |
| G76.0 | 89.2 | 78.4 | 69.2 | 85.9 | 112.7 | 152.1 | 119.6 | | | |
| G77.0 | 74.3 | 65.0 | 54.0 | 72.2 | 92.4 | 131.8 | 101.4 | | | |
| G78.0 | 61.4 | 51.6 | 43.5 | 60.8 | 76.9 | 114.8 | 86.8 | | | |
| G79.0 | 49.5 | 40.9 | 35.8 | 48.0 | 65.6 | 99.3 | 75.2 | | | |
| G80.0 | 37.6 | 31.3 | 26.8 | 37.6 | 51.6 | 84.1 | 63.8 | | | |
| G81.0 | 30.4 | 21.8 | 20.3 | 27.7 | 42.0 | 71.6 | 52.2 | | | |
| G82.0 | 22.1 | 16.4 | 16.4 | 19.4 | 33.1 | 57.3 | 42.0 | | | |
| G83.0 | 17.6 | 13.4 | 13.1 | 13.4 | 24.5 | 46.5 | 30.1 | | | |
| G84.0 | 13.1 | 11.6 | 11.9 | 13.1 | 18.2 | 37.6 | 23.3 | | | |
| G85.0 | 12.2 | 10.1 | 10.7 | 10.7 | 13.7 | 27.1 | 17.0 | | | |
| G86.0 | 10.7 | 9.5 | 9.3 | 9.5 | 10.7 | 20.9 | 11.0 | | | |
| G87.0 | 10.1 | 8.1 | 9.3 | 8.1 | 8.9 | 14.9 | 7.2 | | | |
| G88.0 | 8.6 | 6.9 | 7.8 | 7.5 | 8.1 | 11.9 | 3.6 | | | |
| G89.0 | 7.8 | 6.3 | 5.4 | 7.2 | 8.1 | 9.3 | 3.0 | | | |
| G90.0 | 7.8 | 7.8 | 5.7 | 6.6 | 6.3 | 8.9 | 2.1 | | | |
| G91.0 | 8.9 | 7.2 | 6.0 | 6.0 | 7.2 | 8.4 | 1.8 | | | |
| G92.0 | 8.4 | 8.4 | 5.7 | 6.9 | 7.2 | 7.2 | 1.5 | | | |
| G93.0 | 9.3 | 8.1 | 7.5 | 6.3 | 6.6 | 7.8 | 2.1 | | | |
| G94.0 | 8.6 | 7.8 | 7.8 | 6.0 | 7.8 | 8.4 | 2.4 | | | |
| G95.0 | 9.3 | 9.3 | 8.4 | 6.6 | 7.8 | 8.6 | 2.4 | | | |
| G96.0 | 9.5 | 9.3 | 6.6 | 8.9 | 8.4 | 8.6 | 2.4 | | | |
| G97.0 | 9.8 | 8.9 | 8.4 | 6.6 | 8.4 | 8.9 | 0.0 | | | |
| G98.0 | 10.7 | 9.5 | 8.6 | 6.9 | 9.3 | 8.9 | 3.0 | | | |
| G99.0 | 11.0 | 9.3 | 8.6 | 7.2 | 9.8 | 9.8 | 2.7 | | | |
| G100.0 | 11.6 | 9.5 | 8.6 | 8.4 | 10.1 | 10.7 | 3.9 | | | |
| G101.0 | 12.5 | 10.4 | 8.9 | 8.9 | 11.0 | 9.3 | 3.3 | | | |
| G102.0 | 12.5 | 11.0 | 8.4 | 10.1 | 11.3 | 10.4 | 2.1 | | | |
| G103.0 | 13.4 | 10.7 | 9.8 | 9.3 | 10.7 | 9.5 | 3.9 | | | |
| G104.0 | 13.4 | 11.3 | 9.8 | 10.1 | 11.9 | 11.6 | 3.3 | | | |
| G105.0 | 13.7 | 11.0 | 9.5 | 10.1 | 11.6 | 11.9 | 4.8 | | | |
| G106.0 | 13.1 | 12.2 | 10.1 | 11.6 | 12.5 | 12.2 | 4.8 | | | |
| G107.0 | 14.9 | 12.5 | 11.6 | 11.0 | 11.3 | 13.1 | 4.8 | | | |
| G108.0 | 14.9 | 12.5 | 12.5 | 11.3 | 12.8 | 12.8 | 4.5 | | | |
| G109.0 | 14.9 | 13.7 | 12.2 | 12.2 | 14.0 | 13.4 | 5.7 | | | |
| G110.0 | 14.9 | 14.0 | 12.2 | 12.8 | 14.3 | 14.3 | 5.4 | | | |

C Plane (°):0.0-360.0: 22.5
 Test Lab: Fotonik Teknoloji ve Mühendislik
 Test Type: TYPE C
 Temperature: 25°
 Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0
 Test Device: LSG-1700B
 Distance: 10.373 m
 Humidity:
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G111.0 | 17.3 | 14.9 | 13.7 | 13.1 | 14.3 | 15.5 | 6.0 | | | |
| G112.0 | 16.7 | 15.5 | 14.3 | 13.7 | 15.8 | 16.1 | 6.0 | | | |
| G113.0 | 17.0 | 15.5 | 13.7 | 14.0 | 15.5 | 16.1 | 8.1 | | | |
| G114.0 | 18.5 | 16.7 | 15.2 | 15.2 | 16.7 | 17.0 | 6.9 | | | |
| G115.0 | 18.5 | 17.9 | 14.6 | 15.8 | 17.6 | 17.6 | 8.9 | | | |
| G116.0 | 19.1 | 17.9 | 16.1 | 16.7 | 17.6 | 18.8 | 8.6 | | | |
| G117.0 | 20.0 | 17.6 | 17.3 | 17.3 | 17.6 | 18.5 | 8.6 | | | |
| G118.0 | 20.6 | 20.6 | 18.2 | 17.6 | 19.1 | 19.4 | 10.1 | | | |
| G119.0 | 22.1 | 20.0 | 17.9 | 17.6 | 20.0 | 20.0 | 9.8 | | | |
| G120.0 | 22.1 | 21.2 | 18.8 | 18.5 | 21.2 | 21.5 | 10.1 | | | |
| G121.0 | 23.3 | 22.1 | 19.4 | 19.1 | 21.5 | 21.2 | 11.3 | | | |
| G122.0 | 23.9 | 22.4 | 20.0 | 20.9 | 22.4 | 22.7 | 12.2 | | | |
| G123.0 | 25.0 | 23.3 | 20.9 | 21.8 | 22.7 | 22.7 | 11.9 | | | |
| G124.0 | 25.4 | 24.5 | 22.7 | 21.8 | 24.8 | 24.8 | 13.7 | | | |
| G125.0 | 25.6 | 26.0 | 23.9 | 22.1 | 25.0 | 25.0 | 13.4 | | | |
| G126.0 | 26.0 | 26.2 | 24.2 | 23.3 | 24.5 | 26.2 | 14.6 | | | |
| G127.0 | 27.4 | 26.8 | 24.5 | 24.8 | 26.2 | 27.4 | 14.9 | | | |
| G128.0 | 28.0 | 26.8 | 25.0 | 25.0 | 27.7 | 27.7 | 15.8 | | | |
| G129.0 | 28.6 | 26.8 | 26.5 | 25.4 | 27.4 | 28.6 | 16.1 | | | |
| G130.0 | 29.2 | 28.0 | 27.4 | 25.6 | 28.9 | 28.6 | 17.6 | | | |
| G131.0 | 31.6 | 29.5 | 28.6 | 27.7 | 29.8 | 30.4 | 18.2 | | | |
| G132.0 | 30.7 | 29.8 | 28.9 | 28.0 | 30.7 | 31.9 | 18.5 | | | |
| G133.0 | 32.8 | 31.0 | 28.6 | 29.8 | 31.6 | 31.9 | 19.1 | | | |
| G134.0 | 33.1 | 32.5 | 30.4 | 30.4 | 32.5 | 32.5 | 19.1 | | | |
| G135.0 | 34.9 | 32.5 | 31.9 | 30.7 | 33.7 | 34.3 | 20.3 | | | |
| G136.0 | 35.5 | 34.3 | 31.9 | 31.9 | 33.7 | 34.9 | 21.5 | | | |
| G137.0 | 34.6 | 35.5 | 34.6 | 33.7 | 34.9 | 35.5 | 20.9 | | | |
| G138.0 | 37.3 | 36.1 | 33.7 | 32.8 | 35.5 | 36.7 | 23.0 | | | |
| G139.0 | 38.5 | 36.7 | 34.3 | 33.7 | 36.1 | 37.0 | 24.2 | | | |
| G140.0 | 38.5 | 37.3 | 36.7 | 36.1 | 37.9 | 38.2 | 23.0 | | | |
| G141.0 | 38.5 | 39.1 | 37.6 | 36.4 | 38.2 | 39.1 | 24.2 | | | |
| G142.0 | 40.6 | 40.0 | 38.2 | 37.3 | 40.0 | 41.5 | 25.6 | | | |
| G143.0 | 41.5 | 40.9 | 38.8 | 37.9 | 41.8 | 41.8 | 26.2 | | | |
| G144.0 | 42.0 | 41.2 | 40.0 | 40.6 | 40.6 | 40.6 | 27.1 | | | |
| G145.0 | 43.0 | 43.0 | 40.6 | 40.9 | 42.7 | 42.3 | 28.6 | | | |
| G146.0 | 44.4 | 43.8 | 41.8 | 40.0 | 43.2 | 44.1 | 29.2 | | | |
| G147.0 | 45.9 | 44.1 | 42.3 | 41.8 | 44.7 | 45.0 | 29.5 | | | |

C Plane (°):0.0-360.0: 22.5

Test Lab: Fotonik Teknoloji ve Mühendislik

Test Type: TYPE C

Temperature: 25°

Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0

Test Device: LSG-1700B

Distance: 10.373 m

Humidity:

Inspector:

Candlepower Table (Continue 9)

Unit: cd

| G\C | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G148.0 | 45.0 | 45.0 | 43.0 | 41.8 | 43.5 | 44.4 | 31.9 | | | |
| G149.0 | 46.2 | 46.5 | 44.7 | 43.5 | 44.7 | 47.1 | 31.9 | | | |
| G150.0 | 46.5 | 46.2 | 45.6 | 45.6 | 46.2 | 47.1 | 32.5 | | | |
| G151.0 | 48.0 | 48.0 | 45.9 | 43.8 | 46.8 | 48.3 | 34.0 | | | |
| G152.0 | 48.3 | 48.6 | 45.9 | 47.1 | 49.2 | 49.5 | 33.4 | | | |
| G153.0 | 50.4 | 47.7 | 47.1 | 47.1 | 48.3 | 49.8 | 35.5 | | | |
| G154.0 | 49.8 | 49.5 | 48.3 | 48.0 | 49.5 | 49.5 | 37.0 | | | |
| G155.0 | 51.6 | 49.8 | 49.2 | 49.2 | 51.6 | 51.0 | 36.7 | | | |
| G156.0 | 50.4 | 51.6 | 50.4 | 49.8 | 50.4 | 52.2 | 38.2 | | | |
| G157.0 | 52.5 | 51.9 | 50.7 | 50.1 | 51.0 | 52.5 | 37.6 | | | |
| G158.0 | 52.8 | 51.9 | 51.6 | 50.4 | 52.8 | 51.3 | 40.6 | | | |
| G159.0 | 54.0 | 53.7 | 52.2 | 51.0 | 53.1 | 53.4 | 41.5 | | | |
| G160.0 | 54.0 | 53.7 | 52.5 | 50.7 | 53.4 | 53.4 | 41.5 | | | |
| G161.0 | 54.6 | 53.7 | 52.8 | 52.8 | 54.9 | 54.6 | 42.7 | | | |
| G162.0 | 56.1 | 53.1 | 54.0 | 51.9 | 54.9 | 55.2 | 43.2 | | | |
| G163.0 | 55.8 | 54.6 | 53.4 | 54.6 | 54.9 | 56.4 | 44.7 | | | |
| G164.0 | 55.2 | 55.2 | 54.3 | 54.3 | 56.4 | 56.7 | 44.7 | | | |
| G165.0 | 56.1 | 55.8 | 54.6 | 54.3 | 55.5 | 57.0 | 45.3 | | | |
| G166.0 | 56.1 | 54.9 | 54.6 | 54.3 | 56.4 | 54.9 | 46.5 | | | |
| G167.0 | 57.0 | 56.4 | 54.9 | 55.2 | 57.3 | 56.4 | 47.7 | | | |
| G168.0 | 56.4 | 57.0 | 56.7 | 55.2 | 57.0 | 56.7 | 47.1 | | | |
| G169.0 | 57.0 | 57.0 | 57.0 | 56.7 | 57.6 | 56.7 | 48.3 | | | |
| G170.0 | 58.5 | 56.4 | 57.3 | 56.4 | 57.6 | 58.2 | 48.9 | | | |
| G171.0 | 57.6 | 57.9 | 57.3 | 56.7 | 57.3 | 57.9 | 50.4 | | | |
| G172.0 | 57.9 | 56.1 | 57.3 | 56.4 | 58.2 | 57.3 | 50.1 | | | |
| G173.0 | 58.5 | 57.9 | 57.9 | 57.3 | 57.9 | 57.9 | 52.2 | | | |
| G174.0 | 58.2 | 57.0 | 58.2 | 57.0 | 57.6 | 58.5 | 51.0 | | | |
| G175.0 | 57.9 | 57.9 | 57.6 | 56.4 | 58.2 | 57.9 | 51.3 | | | |
| G176.0 | 58.5 | 57.3 | 57.9 | 56.7 | 57.9 | 57.6 | 52.2 | | | |
| G177.0 | 58.2 | 57.0 | 58.2 | 57.3 | 57.6 | 57.6 | 52.5 | | | |
| G178.0 | 58.8 | 58.2 | 59.3 | 56.1 | 56.7 | 57.9 | 53.4 | | | |
| G179.0 | 57.9 | 57.6 | 58.2 | 56.7 | 58.5 | 58.5 | 54.3 | | | |
| G180.0 | 58.2 | 59.0 | 58.2 | 56.4 | 58.2 | 57.3 | 54.3 | | | |
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C Plane (°):0.0-360.0: 22.5
 Test Lab: Fotonik Teknoloji ve Mühendislik
 Test Type: TYPE C
 Temperature: 25°
 Operator: Timur Özcan

Gamma Plane (°):0.0-180.0:1.0
 Test Device: LSG-1700B
 Distance: 10.373 m
 Humidity:
 Inspector: