

Report No.:

Test Time: 2016-05-26 10:15

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MS-MR16-3B(XPE-3000-15D-5W)

Voltage: 11.9 V

Current: 0.542 A

Power: 4.50 W

Power Factor: 0.694

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 218.8 lm

Measurement Flux: 218.8 lm

Efficiency: 100%

Downward Ratio: 99%

Upward Ratio: 1%

Horizontal Diffuse Angle(10%,25%,50%,75%): H35.8,H26.5,H19.7,H12.7

Vertical Diffuse Angle(10%,25%,50%,75%): V35.3,V25.8,V19.3,V11.9

Luminaire Efficacy Rating (LER): 48.66

Central Intensity: 1415.11 cd

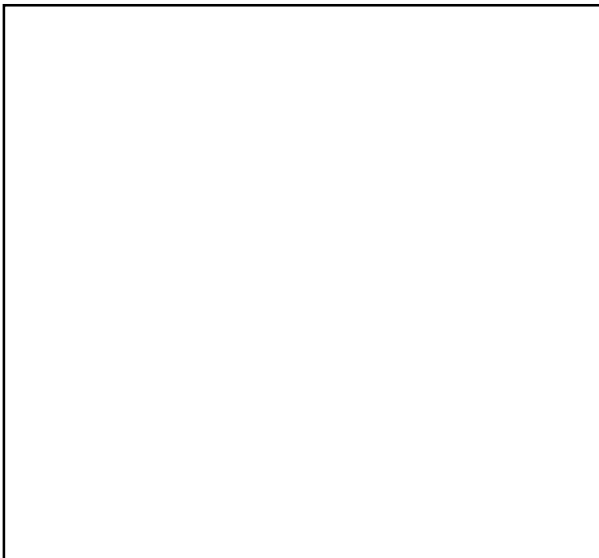
Max. Intensity: 1421.34 cd

Pos of Max. Intensity: H45 V0.5

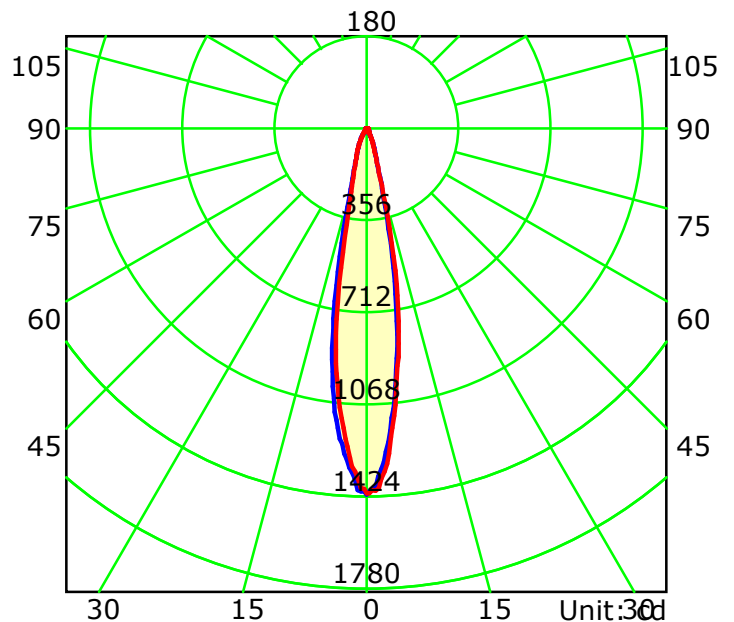
S/MH(C0/C180): 0.34

S/MH(C90/C270): 0.33

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 19.5°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 45.0

Gamma Plane (°):0.0-180.0:0.5

Test Lab:

Test Device: GPM-1600

Test Type: TYPE C

Distance: 8.177 m

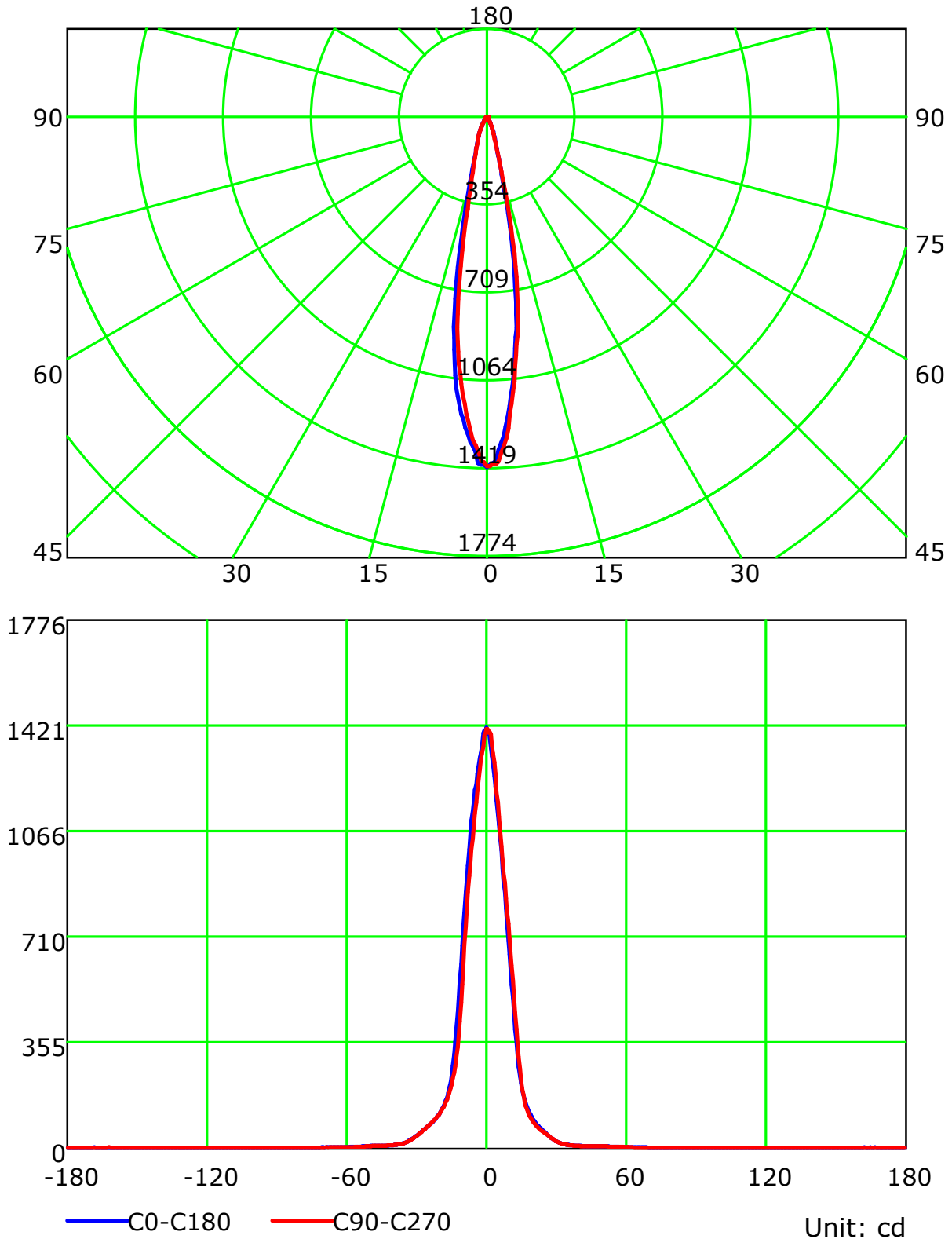
Temperature:

Humidity:

Operator:

Inspector:

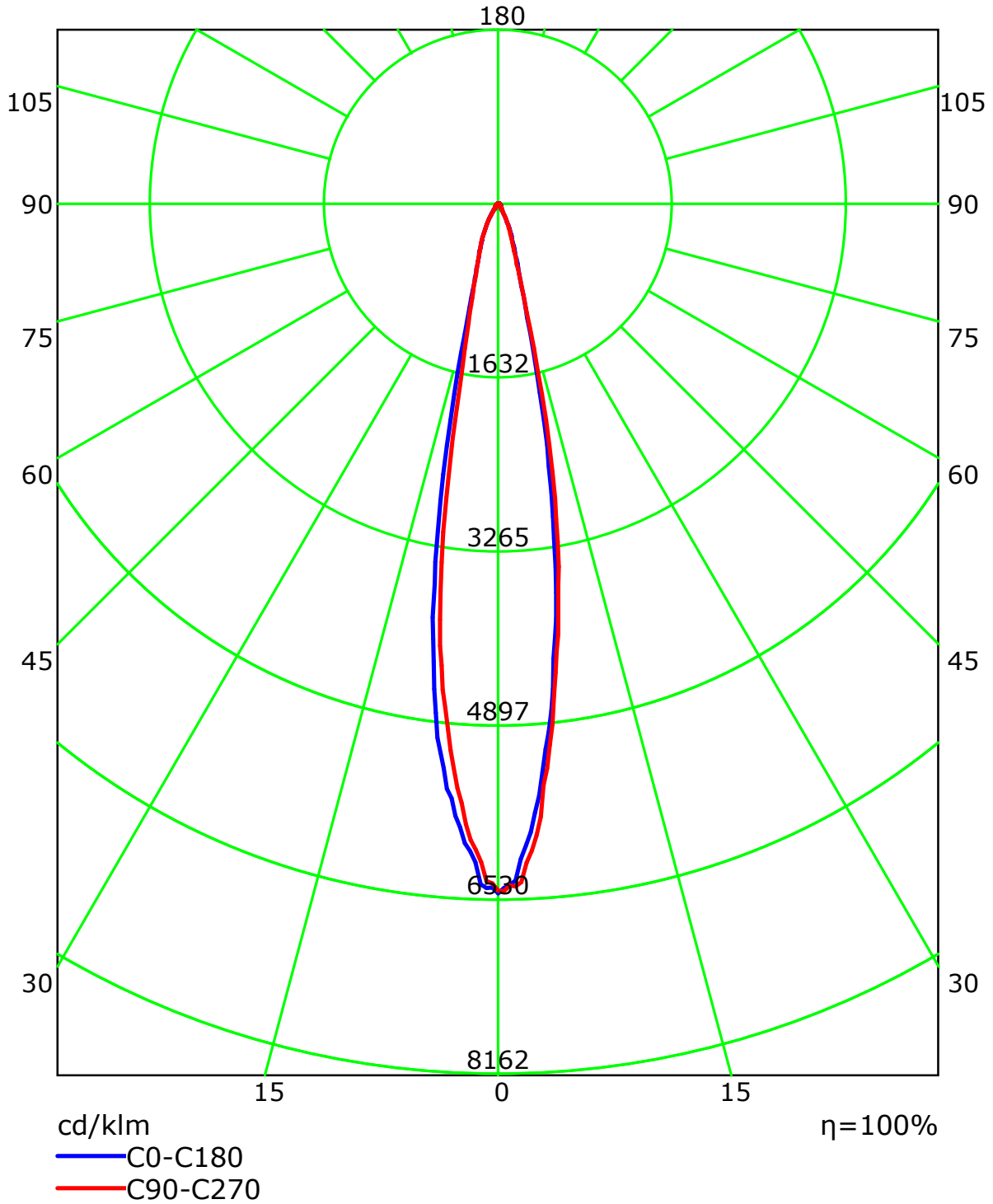
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



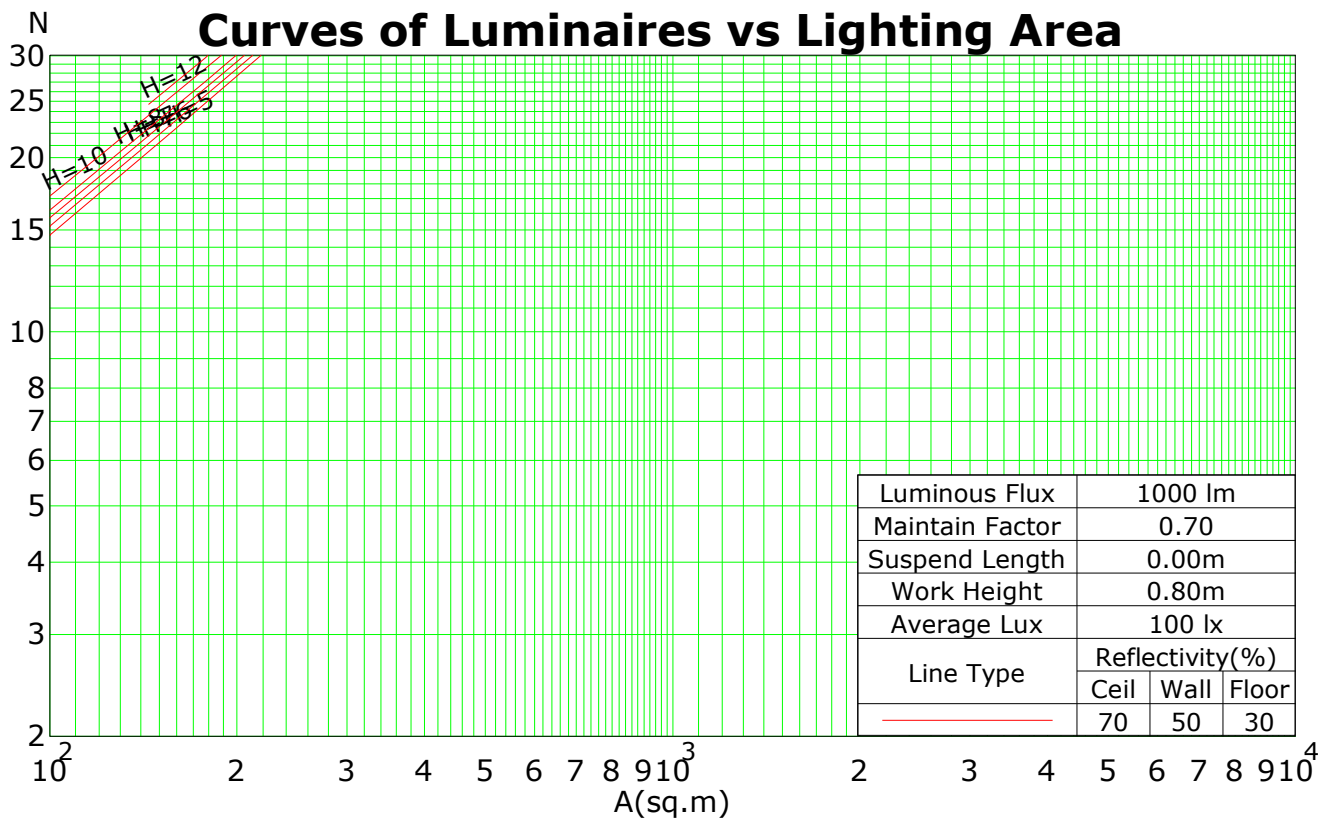
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

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 | 102 | 102 | 102 | 100 |
| 1 | 115 | 113 | 111 | 109 | 112 | 111 | 109 | 107 | 106 | 105 | 104 | 103 | 102 | 101 | 99 | 98 | 98 | 96 |
| 2 | 111 | 107 | 104 | 102 | 109 | 106 | 103 | 100 | 102 | 100 | 98 | 99 | 98 | 96 | 97 | 95 | 94 | 93 |
| 3 | 107 | 103 | 99 | 96 | 105 | 101 | 98 | 95 | 99 | 96 | 94 | 96 | 94 | 92 | 94 | 92 | 91 | 89 |
| 4 | 104 | 98 | 95 | 91 | 102 | 97 | 94 | 91 | 95 | 92 | 90 | 93 | 91 | 89 | 92 | 90 | 88 | 87 |
| 5 | 101 | 95 | 91 | 88 | 99 | 94 | 90 | 87 | 92 | 89 | 87 | 91 | 88 | 86 | 89 | 87 | 85 | 84 |
| 6 | 98 | 92 | 88 | 85 | 97 | 91 | 87 | 84 | 90 | 86 | 84 | 88 | 85 | 83 | 87 | 85 | 83 | 82 |
| 7 | 95 | 89 | 85 | 82 | 94 | 88 | 84 | 82 | 87 | 84 | 81 | 86 | 83 | 81 | 85 | 82 | 80 | 79 |
| 8 | 93 | 86 | 82 | 79 | 92 | 86 | 82 | 79 | 85 | 81 | 79 | 84 | 81 | 79 | 83 | 80 | 78 | 77 |
| 9 | 91 | 84 | 80 | 77 | 90 | 84 | 80 | 77 | 83 | 79 | 77 | 82 | 79 | 77 | 81 | 79 | 76 | 76 |
| 10 | 89 | 82 | 78 | 75 | 88 | 82 | 78 | 75 | 81 | 77 | 75 | 80 | 77 | 75 | 80 | 77 | 75 | 74 |

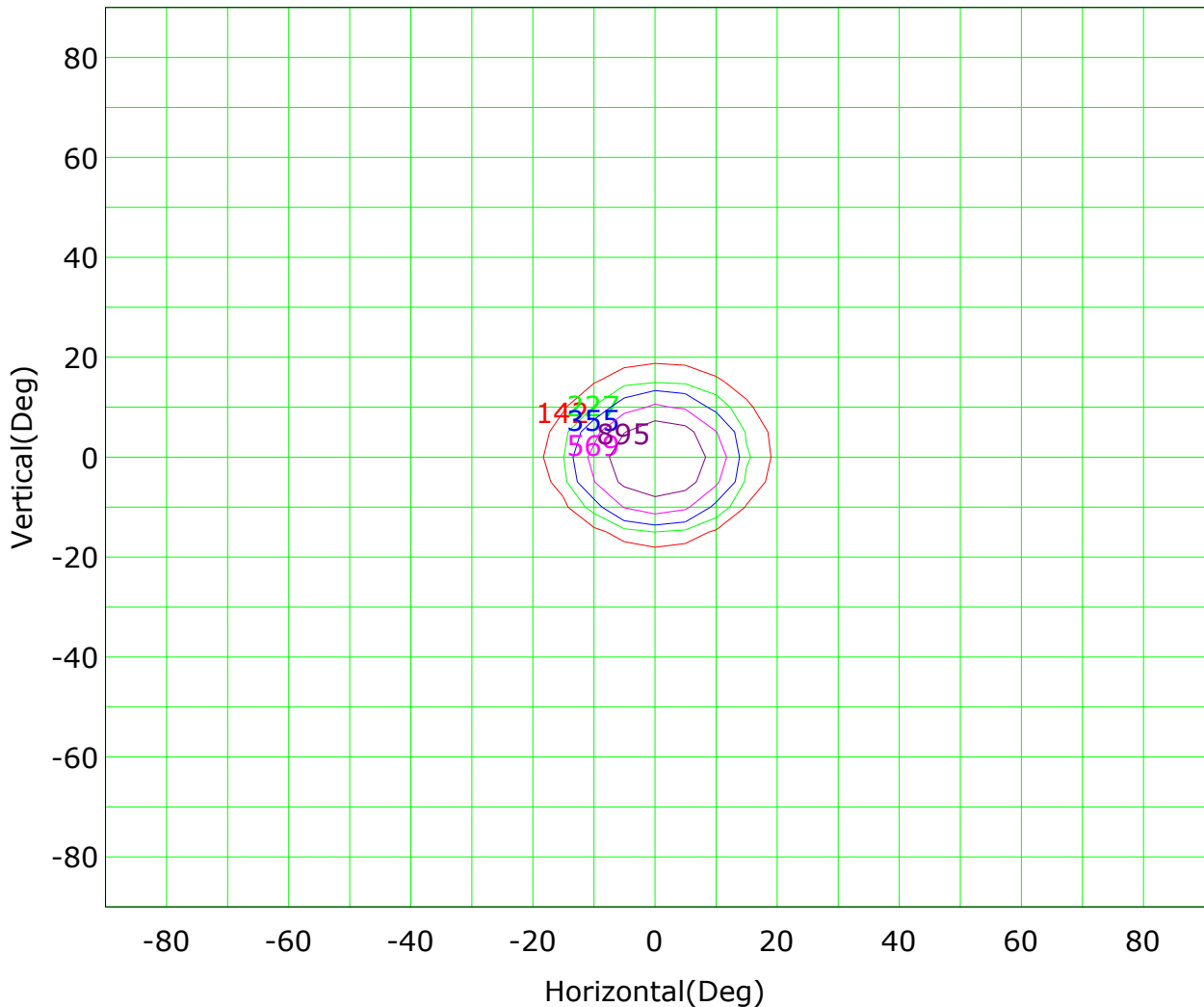
Spacing Criteria (0-180): 0.34
 Spacing Criteria (90-270): 0.33
 Spacing Criteria (Diagonal): 0.32



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Isocandela (rectangle)



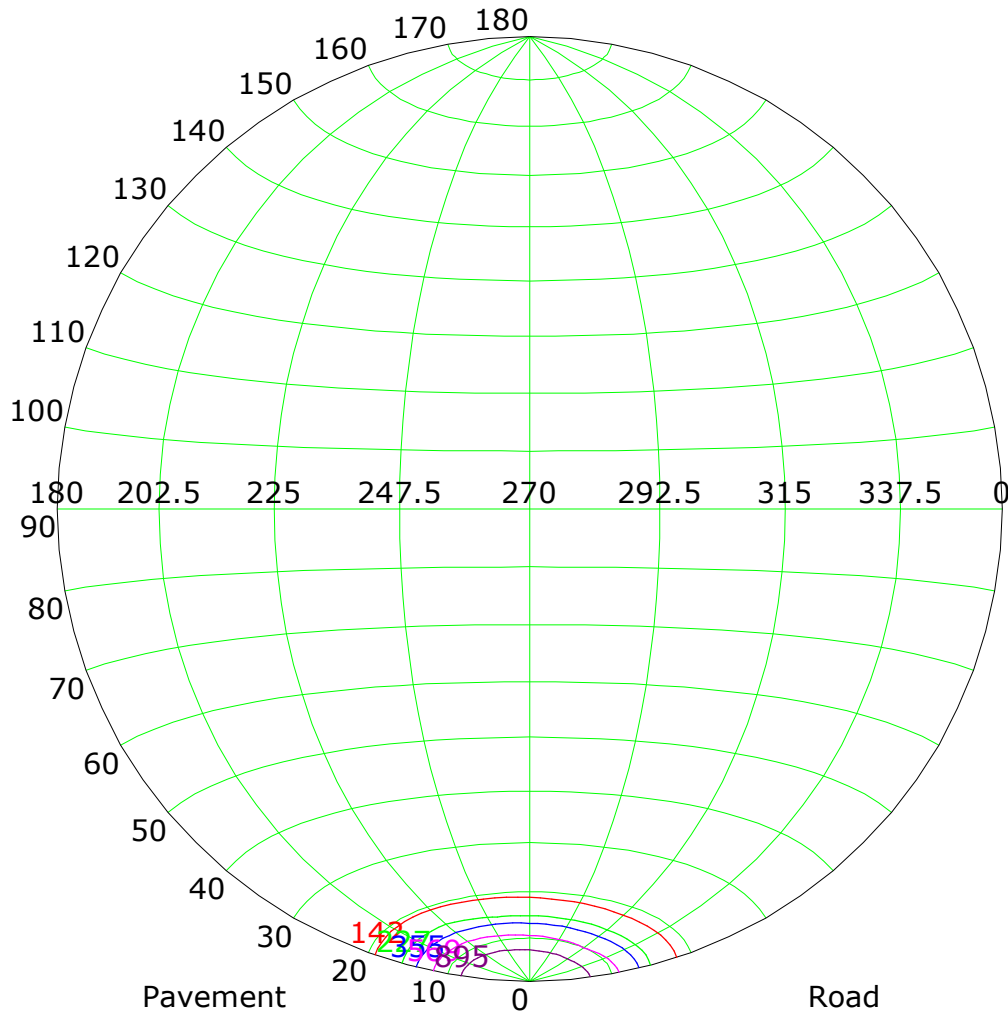
Imax (100%): 1421 cd

| | |
|------------------|-------------------|
| — (10%): 142 cd | — (16%): 227 cd |
| — (25%): 355 cd | — (40%): 569 cd |
| — (63%): 895 cd | — (100%): 1421 cd |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Isocandela (sphere)



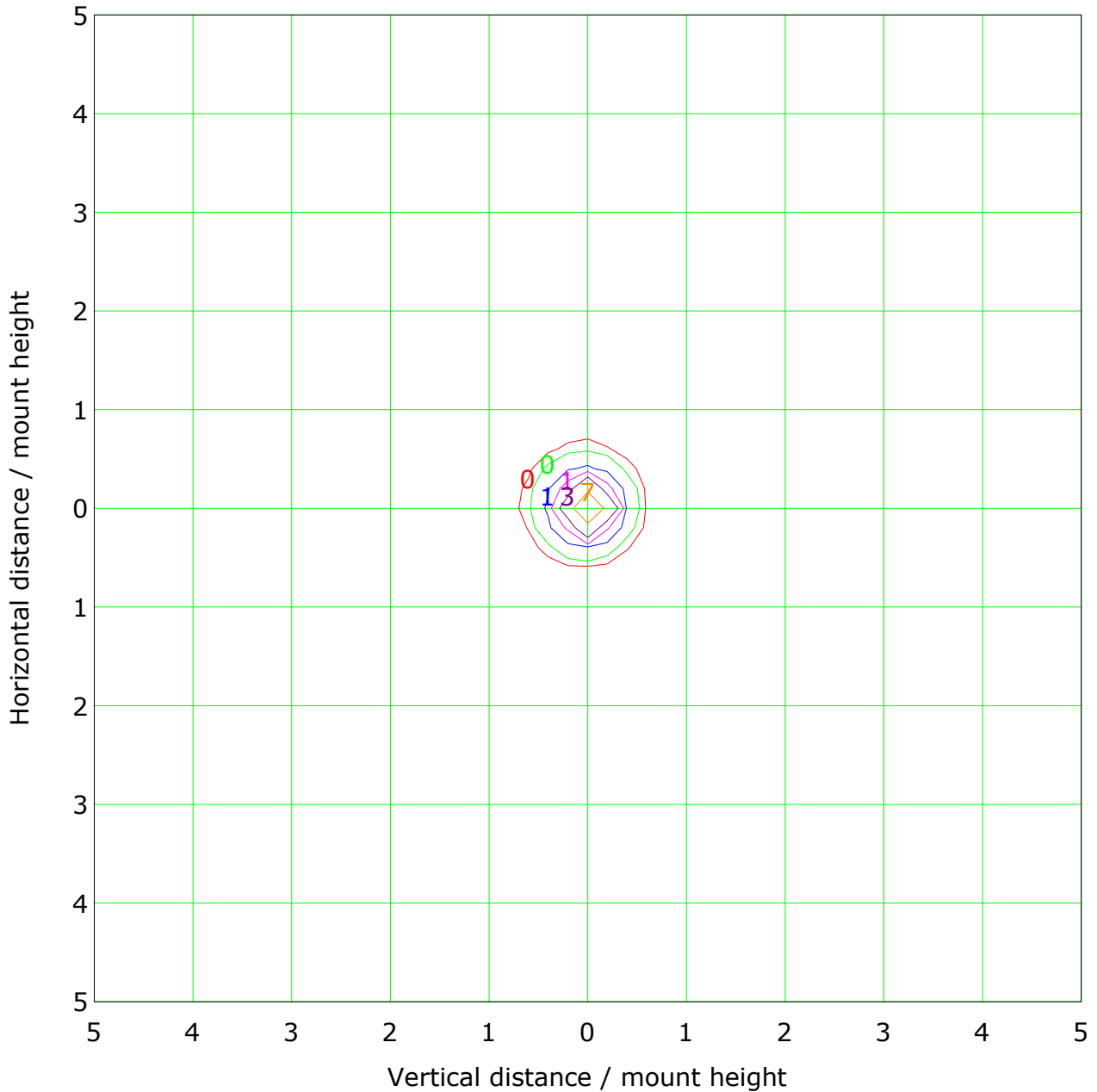
Imax (100%): 1421 cd

| | |
|------------------|-------------------|
| — (10%): 142 cd | — (16%): 227 cd |
| — (25%): 355 cd | — (40%): 569 cd |
| — (63%): 895 cd | — (100%): 1421 cd |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

IsoLux Plot



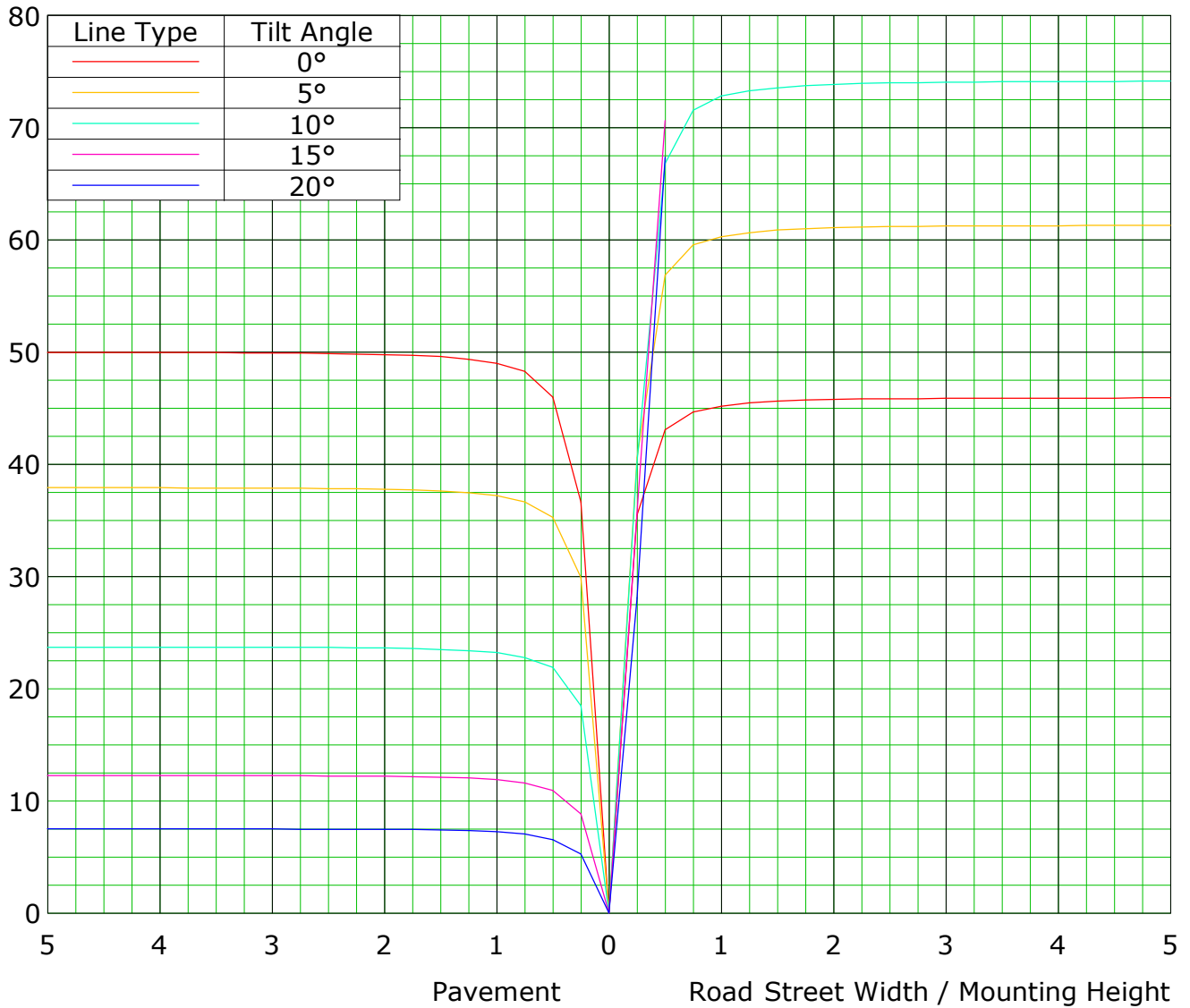
| | | | |
|------------------------|------------------|------------------------|--|
| Mounting Height: 10.0m | | Max Lux(100%): 14.2 lx | |
| — (1%): 0.1 lx | — (2%): 0.3 lx | | |
| — (5%): 0.7 lx | — (10%): 1.4 lx | | |
| — (20%): 2.8 lx | — (50%): 7.1 lx | | |
| — (100%): 14.2 lx | | | |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)



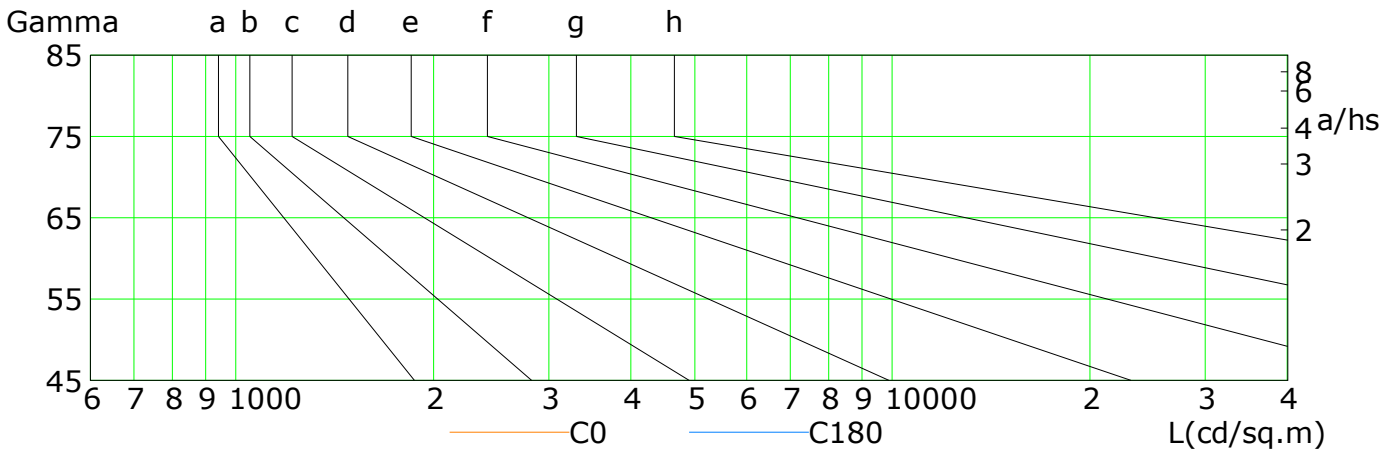
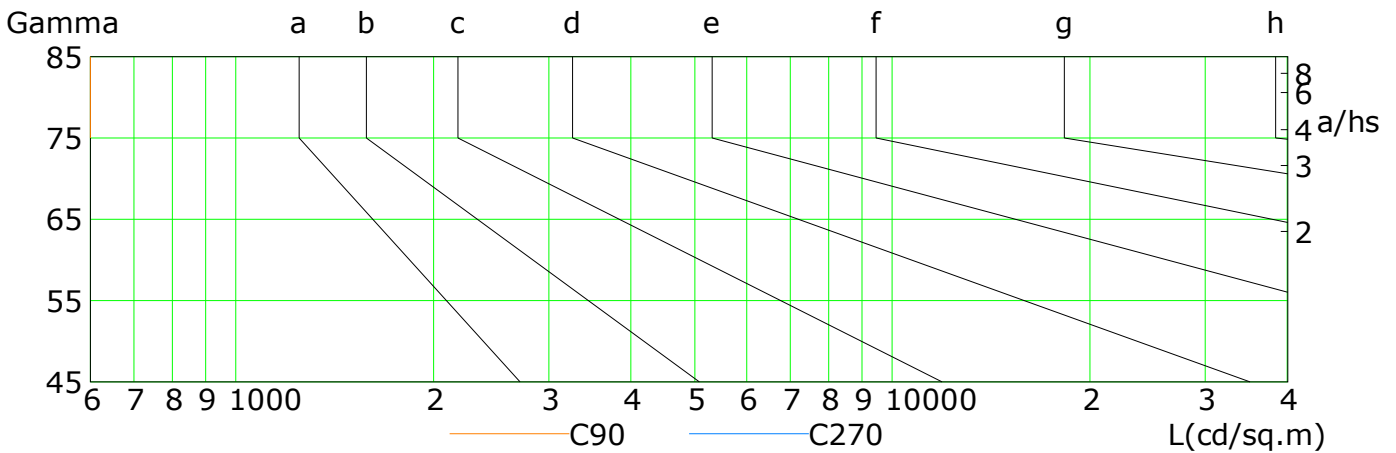
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Lum Limit Curve

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

a b c d e f g h

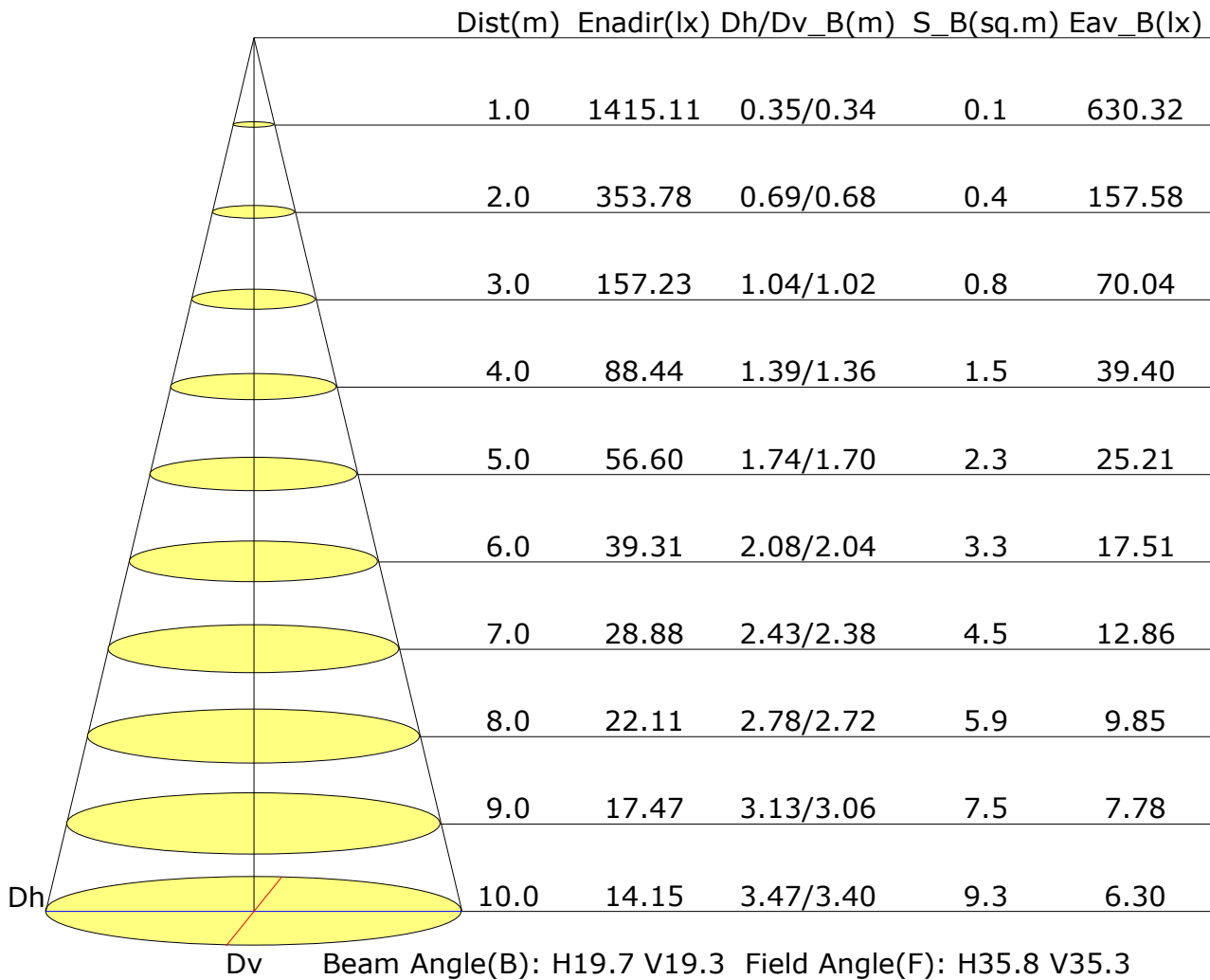


| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| C0 | 6 | 6 | 4 | 3 | 2 | 2 | 1 | 1 | 0 |
| C90 | 6 | 5 | 5 | 3 | 1 | 0 | 0 | 0 | 0 |
| C180 | 7 | 7 | 5 | 3 | 2 | 2 | 1 | 1 | 0 |
| C270 | 8 | 7 | 4 | 3 | 2 | 2 | 1 | 1 | 0 |

C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:0.5
Test Device: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

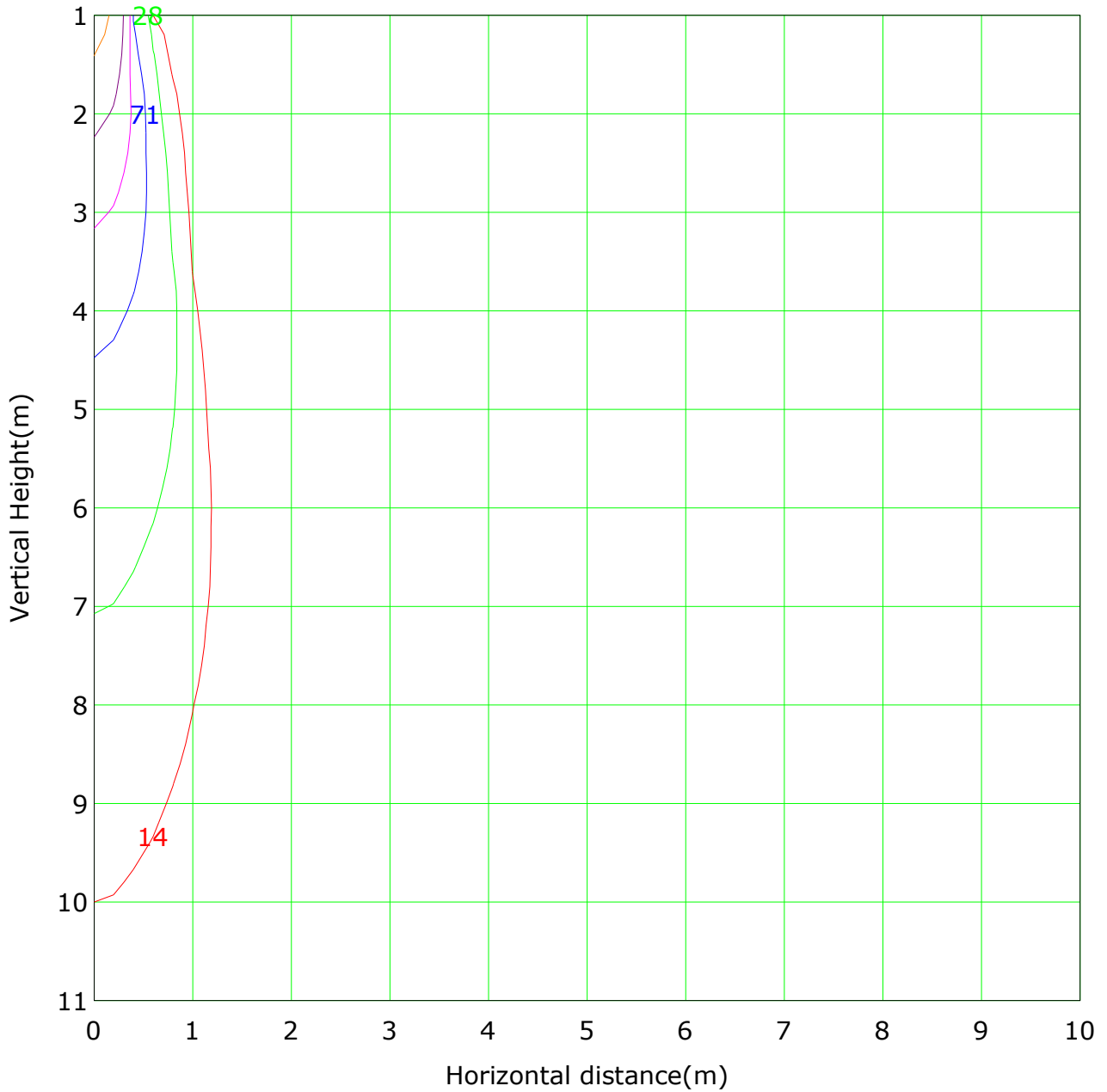
Illuminance at a Distance



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Vertical IsoLux Plot



Lowest(m): 1.0m Highest(m): 11.0m Max Lux: 1415.1 lx
 (1%): 14.2 lx (2%): 28.3 lx
 (5%): 70.8 lx (10%): 141.5 lx
 (20%): 283.0 lx (50%): 707.6 lx
 (100%):1415.1 lx

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Area Flux Table

Unit: lm

| | | Vertical plane | | | | | | | | | | | | | | | | | | | | |
|---------|---------|----------------|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|-----|
| | | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | Flux(E) | |
| Flux(T) | Flux(E) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 218 | 158 |
| | | 0.1 | 0.3 | 0.6 | 1.3 | 2.7 | 8.6 | 25.3 | 76.4 | 71.0 | 21.5 | 6.1 | 1.8 | 0.9 | 0.5 | 0.2 | 0.1 | 0.0 | 0.0 | 0.0 | | |
| | | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | Flux(E) | |
| | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 158 | 218 |

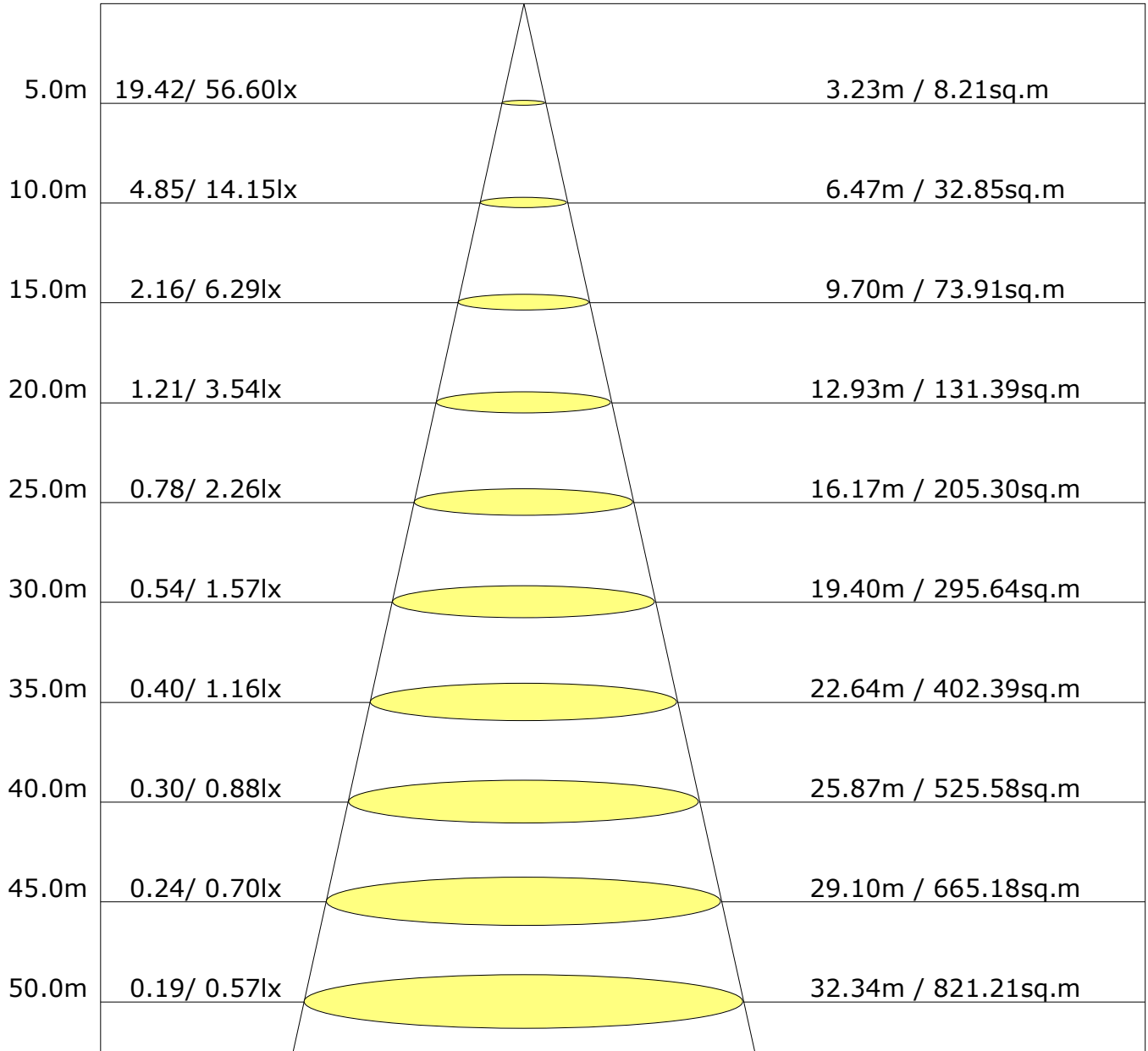
Horizontal plane

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

The Average Illuminance Effective Figure

Flux Out: 159.44lm



Height

Avg./Nadir. E

Beam Angle:35.8°

Diameter / Area

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

UGR Table

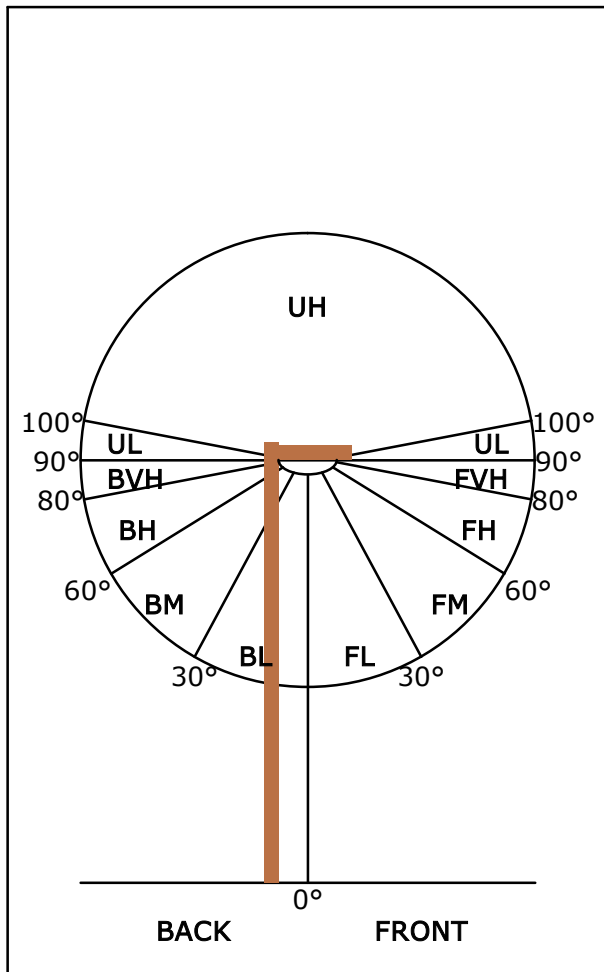
| | | | | | | | | | | |
|--|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Reflectance: | | | | | | | | | | |
| Ceiling (cavity) | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 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 | | | | | | | | | | |
| | | | | | | | | | | |
| S=1.5H | | | | | | | | | | |
| | | | | | | | | | | |
| S=2.0H | | | | | | | | | | |
| | | | | | | | | | | |

Calculate in accordance with CIE Pub.117. The table is revised with 219lm ($8\log(F/F_0) = -5.3$).

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



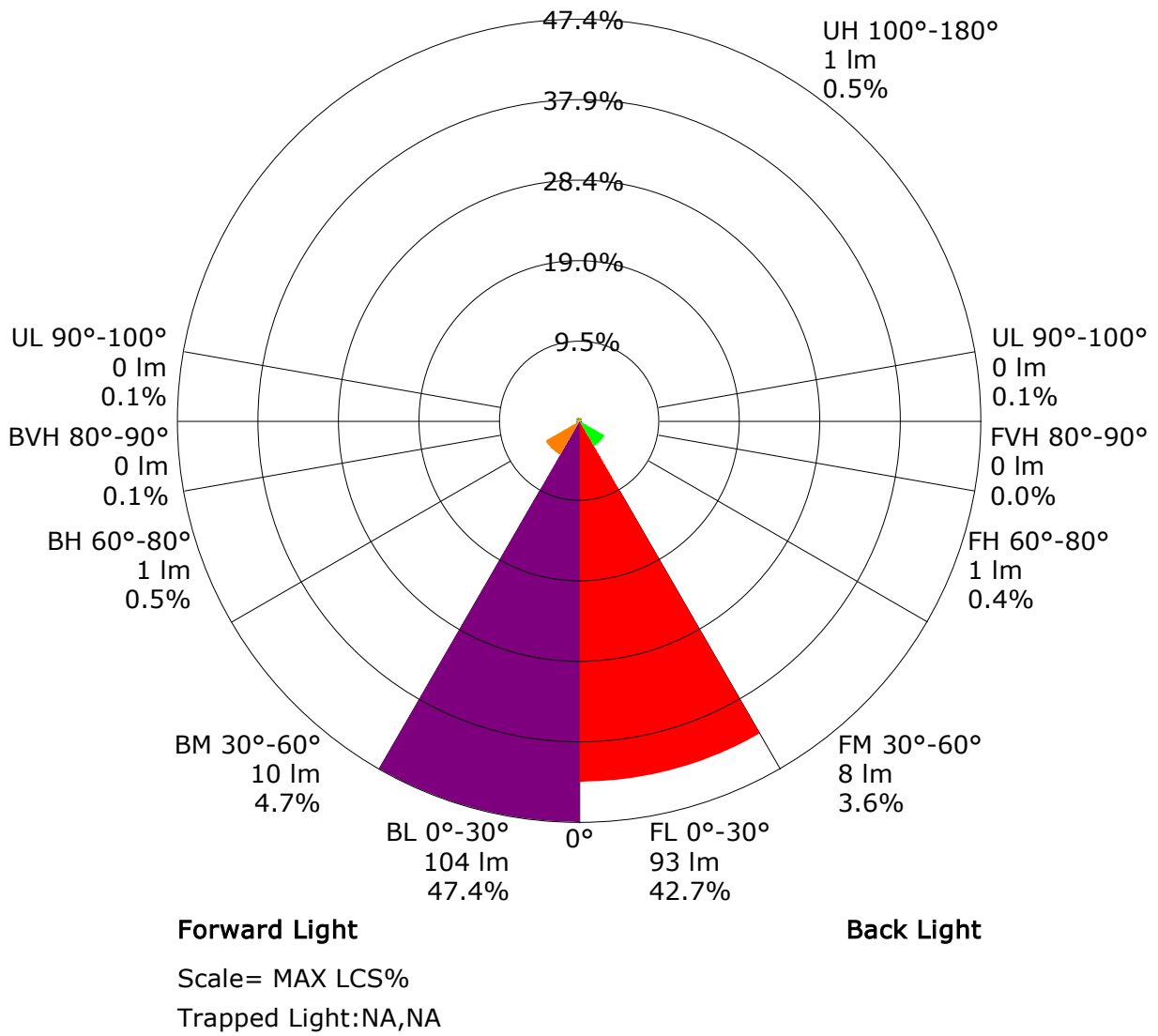
| ZONE | LUMENS | % LAMP LUMENS |
|----------------|--------|---------------|
| FORWARD LIGHT | 102 | 46.7 |
| FL (0°-30°) | 93 | 42.7 |
| FM (30°-60°) | 8 | 3.6 |
| FH (60°-80°) | 1 | 0.4 |
| FVH (80°-90°) | 0 | 0.0 |
| BACK LIGHT | 115 | 52.8 |
| BL (0°-30°) | 104 | 47.4 |
| BM (30°-60°) | 10 | 4.7 |
| BH (60°-80°) | 1 | 0.5 |
| BVH (80°-90°) | 0 | 0.1 |
| UP LIGHT | 1 | 0.5 |
| UL (90°-100°) | 0 | 0.1 |
| UH (100°-180°) | 1 | 0.5 |
| TRAPPED LIGHT | NA | NA |

| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07 | |
|--|----------|
| Asymmetrical Luminaire Types (Type I,II,III,IV) | B0 U1 G0 |
| Quadrilateral Symmetrical Luminaire Types (Type V,Area Light) | B0 U1 G0 |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

LCS Graph



C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Utilisation Factor Table(Floor cavity)

| Utilisation Factors UF(F) | | | SHR NOM = 0.50 | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|
| 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 | 0.94 | 0.99 | 1.02 | 1.04 | 1.07 | 1.09 | 1.10 | 1.12 | 1.13 |
| | 0.30 | | 0.90 | 0.95 | 0.98 | 1.01 | 1.04 | 1.06 | 1.08 | 1.10 | 1.12 |
| | 0.20 | | 0.88 | 0.92 | 0.96 | 0.98 | 1.02 | 1.04 | 1.06 | 1.09 | 1.10 |
| 0.50 | 0.50 | 0.20 | 0.93 | 0.97 | 1.00 | 1.02 | 1.04 | 1.06 | 1.07 | 1.08 | 1.09 |
| | 0.30 | | 0.90 | 0.94 | 0.97 | 0.99 | 1.02 | 1.04 | 1.05 | 1.07 | 1.08 |
| | 0.20 | | 0.87 | 0.92 | 0.95 | 0.97 | 1.00 | 1.02 | 1.03 | 1.05 | 1.07 |
| 0.30 | 0.50 | 0.20 | 0.92 | 0.95 | 0.98 | 0.99 | 1.01 | 1.03 | 1.04 | 1.05 | 1.05 |
| | 0.30 | | 0.89 | 0.93 | 0.95 | 0.97 | 1.00 | 1.01 | 1.02 | 1.03 | 1.04 |
| | 0.20 | | 0.87 | 0.91 | 0.93 | 0.95 | 0.98 | 1.00 | 1.01 | 1.02 | 1.03 |
| 0.00 | 0.00 | 0.00 | 0.85 | 0.89 | 0.91 | 0.93 | 0.95 | 0.96 | 0.97 | 0.98 | 0.99 |
| <p>Rating:5W 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 = 0.50 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| 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 | 0.46 | 0.38 | 0.32 | 0.28 | 0.22 | 0.18 | 0.16 | 0.12 | 0.10 | |
| | 0.30 | | 0.38 | 0.32 | 0.28 | 0.25 | 0.20 | 0.17 | 0.15 | 0.12 | 0.09 | |
| | 0.20 | | 0.33 | 0.28 | 0.25 | 0.22 | 0.18 | 0.16 | 0.14 | 0.11 | 0.09 | |
| 0.50 | 0.50 | 0.20 | 0.43 | 0.35 | 0.30 | 0.26 | 0.20 | 0.21 | 0.14 | 0.11 | 0.09 | |
| | 0.30 | | 0.37 | 0.31 | 0.26 | 0.23 | 0.18 | 0.15 | 0.13 | 0.10 | 0.09 | |
| | 0.20 | | 0.32 | 0.27 | 0.23 | 0.21 | 0.17 | 0.14 | 0.13 | 0.10 | 0.08 | |
| 0.30 | 0.50 | 0.20 | 0.41 | 0.33 | 0.27 | 0.24 | 0.18 | 0.15 | 0.13 | 0.10 | 0.08 | |
| | 0.30 | | 0.35 | 0.29 | 0.25 | 0.21 | 0.17 | 0.14 | 0.12 | 0.09 | 0.08 | |
| | 0.20 | | 0.31 | 0.26 | 0.22 | 0.20 | 0.16 | 0.13 | 0.11 | 0.09 | 0.07 | |
| 0.00 | 0.00 | 0.00 | 0.16 | 0.13 | 0.10 | 0.09 | 0.07 | 0.05 | 0.05 | 0.03 | 0.03 | |
| <p>Rating:5W 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 = 0.50 | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|
| 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 | 0.12 | 0.14 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.21 | 0.21 |
| | 0.30 | | 0.09 | 0.11 | 0.13 | 0.14 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 |
| | 0.20 | | 0.07 | 0.09 | 0.11 | 0.12 | 0.14 | 0.16 | 0.17 | 0.18 | 0.19 |
| 0.50 | 0.50 | 0.20 | 0.12 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.20 |
| | 0.30 | | 0.09 | 0.11 | 0.13 | 0.14 | 0.15 | 0.17 | 0.17 | 0.19 | 0.20 |
| | 0.20 | | 0.07 | 0.09 | 0.11 | 0.12 | 0.14 | 0.15 | 0.16 | 0.18 | 0.18 |
| 0.30 | 0.50 | 0.20 | 0.12 | 0.13 | 0.15 | 0.15 | 0.17 | 0.18 | 0.18 | 0.19 | 0.20 |
| | 0.30 | | 0.09 | 0.11 | 0.12 | 0.13 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 |
| | 0.20 | | 0.07 | 0.09 | 0.10 | 0.12 | 0.13 | 0.15 | 0.16 | 0.17 | 0.18 |
| 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:5W 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 [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 0.0-0.5 | 1408.3 | 0.3 | 0.3 | 0.15 | 0.15 |
| 0.5-1.0 | 1403.2 | 1.0 | 1.3 | 0.46 | 0.61 |
| 1.0-1.5 | 1391.2 | 1.7 | 3.0 | 0.76 | 1.38 |
| 1.5-2.0 | 1371.2 | 2.3 | 5.3 | 1.05 | 2.42 |
| 2.0-2.5 | 1344.8 | 2.9 | 8.2 | 1.32 | 3.75 |
| 2.5-3.0 | 1317.2 | 3.5 | 11.7 | 1.58 | 5.33 |
| 3.0-3.5 | 1286.4 | 4.0 | 15.7 | 1.83 | 7.16 |
| 3.5-4.0 | 1252.6 | 4.5 | 20.2 | 2.05 | 9.21 |
| 4.0-4.5 | 1216.0 | 4.9 | 25.1 | 2.26 | 11.47 |
| 4.5-5.0 | 1178.1 | 5.3 | 30.4 | 2.45 | 13.92 |
| 5.0-5.5 | 1139.5 | 5.7 | 36.2 | 2.61 | 16.53 |
| 5.5-6.0 | 1098.1 | 6.0 | 42.2 | 2.76 | 19.29 |
| 6.0-6.5 | 1056.7 | 6.3 | 48.5 | 2.88 | 22.17 |
| 6.5-7.0 | 1010.2 | 6.5 | 55.0 | 2.98 | 25.15 |
| 7.0-7.5 | 961.6 | 6.7 | 61.7 | 3.04 | 28.19 |
| 7.5-8.0 | 914.6 | 6.8 | 68.4 | 3.09 | 31.28 |
| 8.0-8.5 | 864.5 | 6.8 | 75.2 | 3.11 | 34.39 |
| 8.5-9.0 | 812.6 | 6.8 | 82.0 | 3.10 | 37.49 |
| 9.0-9.5 | 759.7 | 6.7 | 88.7 | 3.06 | 40.55 |
| 9.5-10.0 | 704.8 | 6.5 | 95.2 | 2.99 | 43.54 |
| 10.0-10.5 | 650.0 | 6.3 | 101.6 | 2.90 | 46.44 |
| 10.5-11.0 | 595.7 | 6.1 | 107.7 | 2.78 | 49.22 |
| 11.0-11.5 | 541.8 | 5.8 | 113.5 | 2.65 | 51.87 |
| 11.5-12.0 | 488.0 | 5.4 | 118.9 | 2.49 | 54.36 |
| 12.0-12.5 | 435.5 | 5.1 | 124.0 | 2.32 | 56.68 |
| 12.5-13.0 | 386.2 | 4.7 | 128.7 | 2.14 | 58.82 |
| 13.0-13.5 | 342.2 | 4.3 | 133.0 | 1.97 | 60.78 |
| 13.5-14.0 | 302.5 | 3.9 | 136.9 | 1.80 | 62.58 |
| 14.0-14.5 | 267.3 | 3.6 | 140.5 | 1.65 | 64.23 |
| 14.5-15.0 | 238.1 | 3.3 | 143.8 | 1.52 | 65.75 |
| 15.0-15.5 | 213.5 | 3.1 | 146.9 | 1.41 | 67.16 |
| 15.5-16.0 | 193.1 | 2.9 | 149.8 | 1.31 | 68.47 |
| 16.0-16.5 | 176.1 | 2.7 | 152.5 | 1.23 | 69.71 |
| 16.5-17.0 | 162.0 | 2.6 | 155.1 | 1.17 | 70.88 |
| 17.0-17.5 | 149.8 | 2.4 | 157.5 | 1.11 | 71.99 |
| 17.5-18.0 | 139.3 | 2.3 | 159.8 | 1.06 | 73.06 |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

| Gamma [°] | Imean [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------|--------------------|------------------------|-----------------------|---------------------------|
| 18.0-18.5 | 130.2 | 2.2 | 162.1 | 1.02 | 74.08 |
| 18.5-19.0 | 121.9 | 2.1 | 164.2 | 0.98 | 75.06 |
| 19.0-19.5 | 114.5 | 2.1 | 166.3 | 0.95 | 76.01 |
| 19.5-20.0 | 108.0 | 2.0 | 168.3 | 0.91 | 76.92 |
| 20.0-20.5 | 102.1 | 1.9 | 170.2 | 0.89 | 77.81 |
| 20.5-21.0 | 96.8 | 1.9 | 172.1 | 0.86 | 78.67 |
| 21.0-21.5 | 91.8 | 1.8 | 173.9 | 0.83 | 79.50 |
| 21.5-22.0 | 87.3 | 1.8 | 175.7 | 0.81 | 80.31 |
| 22.0-22.5 | 83.1 | 1.7 | 177.4 | 0.79 | 81.10 |
| 22.5-23.0 | 79.0 | 1.7 | 179.1 | 0.77 | 81.87 |
| 23.0-23.5 | 75.3 | 1.6 | 180.7 | 0.74 | 82.61 |
| 23.5-24.0 | 71.7 | 1.6 | 182.3 | 0.72 | 83.33 |
| 24.0-24.5 | 68.2 | 1.5 | 183.8 | 0.70 | 84.04 |
| 24.5-25.0 | 64.7 | 1.5 | 185.3 | 0.68 | 84.71 |
| 25.0-25.5 | 61.4 | 1.4 | 186.8 | 0.66 | 85.37 |
| 25.5-26.0 | 58.1 | 1.4 | 188.1 | 0.63 | 86.00 |
| 26.0-26.5 | 54.8 | 1.3 | 189.5 | 0.61 | 86.61 |
| 26.5-27.0 | 51.3 | 1.3 | 190.7 | 0.58 | 87.19 |
| 27.0-27.5 | 48.1 | 1.2 | 191.9 | 0.55 | 87.74 |
| 27.5-28.0 | 44.8 | 1.1 | 193.1 | 0.52 | 88.27 |
| 28.0-28.5 | 41.8 | 1.1 | 194.2 | 0.50 | 88.76 |
| 28.5-29.0 | 39.0 | 1.0 | 195.2 | 0.47 | 89.23 |
| 29.0-29.5 | 36.4 | 1.0 | 196.2 | 0.45 | 89.68 |
| 29.5-30.0 | 33.8 | 0.9 | 197.1 | 0.42 | 90.10 |
| 30.0-30.5 | 31.2 | 0.9 | 198.0 | 0.39 | 90.49 |
| 30.5-31.0 | 28.9 | 0.8 | 198.8 | 0.37 | 90.86 |
| 31.0-31.5 | 26.5 | 0.8 | 199.5 | 0.35 | 91.21 |
| 31.5-32.0 | 24.4 | 0.7 | 200.2 | 0.32 | 91.53 |
| 32.0-32.5 | 22.4 | 0.7 | 200.9 | 0.30 | 91.83 |
| 32.5-33.0 | 20.4 | 0.6 | 201.5 | 0.28 | 92.10 |
| 33.0-33.5 | 18.8 | 0.6 | 202.1 | 0.26 | 92.36 |
| 33.5-34.0 | 17.4 | 0.5 | 202.6 | 0.24 | 92.60 |
| 34.0-34.5 | 16.0 | 0.5 | 203.1 | 0.23 | 92.83 |
| 34.5-35.0 | 14.8 | 0.5 | 203.5 | 0.21 | 93.04 |
| 35.0-35.5 | 13.6 | 0.4 | 204.0 | 0.20 | 93.24 |
| 35.5-36.0 | 12.6 | 0.4 | 204.4 | 0.18 | 93.42 |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 2)

| Gamma [°] | Imean [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------|--------------------|------------------------|-----------------------|---------------------------|
| 36.0-36.5 | 11.8 | 0.4 | 204.8 | 0.18 | 93.60 |
| 36.5-37.0 | 11.0 | 0.4 | 205.1 | 0.16 | 93.76 |
| 37.0-37.5 | 10.3 | 0.3 | 205.5 | 0.16 | 93.92 |
| 37.5-38.0 | 9.7 | 0.3 | 205.8 | 0.15 | 94.07 |
| 38.0-38.5 | 9.1 | 0.3 | 206.1 | 0.14 | 94.21 |
| 38.5-39.0 | 8.7 | 0.3 | 206.4 | 0.14 | 94.34 |
| 39.0-39.5 | 8.4 | 0.3 | 206.7 | 0.13 | 94.48 |
| 39.5-40.0 | 8.1 | 0.3 | 207.0 | 0.13 | 94.61 |
| 40.0-40.5 | 7.9 | 0.3 | 207.2 | 0.13 | 94.74 |
| 40.5-41.0 | 7.7 | 0.3 | 207.5 | 0.13 | 94.86 |
| 41.0-41.5 | 7.4 | 0.3 | 207.8 | 0.12 | 94.98 |
| 41.5-42.0 | 7.1 | 0.3 | 208.0 | 0.12 | 95.10 |
| 42.0-42.5 | 6.9 | 0.3 | 208.3 | 0.12 | 95.22 |
| 42.5-43.0 | 6.7 | 0.3 | 208.6 | 0.11 | 95.33 |
| 43.0-43.5 | 6.6 | 0.2 | 208.8 | 0.11 | 95.45 |
| 43.5-44.0 | 6.4 | 0.2 | 209.0 | 0.11 | 95.56 |
| 44.0-44.5 | 6.3 | 0.2 | 209.3 | 0.11 | 95.67 |
| 44.5-45.0 | 6.2 | 0.2 | 209.5 | 0.11 | 95.78 |
| 45.0-45.5 | 6.1 | 0.2 | 209.8 | 0.11 | 95.89 |
| 45.5-46.0 | 6.1 | 0.2 | 210.0 | 0.11 | 96.00 |
| 46.0-46.5 | 6.0 | 0.2 | 210.2 | 0.11 | 96.10 |
| 46.5-47.0 | 6.0 | 0.2 | 210.5 | 0.11 | 96.21 |
| 47.0-47.5 | 6.0 | 0.2 | 210.7 | 0.11 | 96.32 |
| 47.5-48.0 | 5.9 | 0.2 | 211.0 | 0.11 | 96.43 |
| 48.0-48.5 | 5.9 | 0.2 | 211.2 | 0.11 | 96.54 |
| 48.5-49.0 | 5.8 | 0.2 | 211.4 | 0.11 | 96.65 |
| 49.0-49.5 | 5.8 | 0.2 | 211.7 | 0.11 | 96.76 |
| 49.5-50.0 | 5.8 | 0.2 | 211.9 | 0.11 | 96.87 |
| 50.0-50.5 | 5.6 | 0.2 | 212.2 | 0.11 | 96.98 |
| 50.5-51.0 | 5.4 | 0.2 | 212.4 | 0.10 | 97.08 |
| 51.0-51.5 | 5.1 | 0.2 | 212.6 | 0.10 | 97.18 |
| 51.5-52.0 | 4.8 | 0.2 | 212.8 | 0.09 | 97.28 |
| 52.0-52.5 | 4.6 | 0.2 | 213.0 | 0.09 | 97.37 |
| 52.5-53.0 | 4.6 | 0.2 | 213.2 | 0.09 | 97.46 |
| 53.0-53.5 | 4.5 | 0.2 | 213.4 | 0.09 | 97.55 |
| 53.5-54.0 | 4.3 | 0.2 | 213.6 | 0.09 | 97.64 |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 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 [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 54.0-54.5 | 4.1 | 0.2 | 213.8 | 0.08 | 97.72 |
| 54.5-55.0 | 3.9 | 0.2 | 213.9 | 0.08 | 97.80 |
| 55.0-55.5 | 3.7 | 0.2 | 214.1 | 0.08 | 97.88 |
| 55.5-56.0 | 3.6 | 0.2 | 214.3 | 0.07 | 97.95 |
| 56.0-56.5 | 3.4 | 0.2 | 214.4 | 0.07 | 98.02 |
| 56.5-57.0 | 3.3 | 0.1 | 214.6 | 0.07 | 98.09 |
| 57.0-57.5 | 3.1 | 0.1 | 214.7 | 0.06 | 98.15 |
| 57.5-58.0 | 2.9 | 0.1 | 214.9 | 0.06 | 98.22 |
| 58.0-58.5 | 2.8 | 0.1 | 215.0 | 0.06 | 98.27 |
| 58.5-59.0 | 2.6 | 0.1 | 215.1 | 0.06 | 98.33 |
| 59.0-59.5 | 2.5 | 0.1 | 215.2 | 0.05 | 98.38 |
| 59.5-60.0 | 2.4 | 0.1 | 215.3 | 0.05 | 98.44 |
| 60.0-60.5 | 2.2 | 0.1 | 215.4 | 0.05 | 98.48 |
| 60.5-61.0 | 2.1 | 0.1 | 215.5 | 0.04 | 98.53 |
| 61.0-61.5 | 2.0 | 0.1 | 215.6 | 0.04 | 98.57 |
| 61.5-62.0 | 1.9 | 0.1 | 215.7 | 0.04 | 98.61 |
| 62.0-62.5 | 1.9 | 0.1 | 215.8 | 0.04 | 98.66 |
| 62.5-63.0 | 1.8 | 0.1 | 215.9 | 0.04 | 98.70 |
| 63.0-63.5 | 1.7 | 0.1 | 216.0 | 0.04 | 98.74 |
| 63.5-64.0 | 1.5 | 0.1 | 216.1 | 0.03 | 98.77 |
| 64.0-64.5 | 1.3 | 0.1 | 216.1 | 0.03 | 98.80 |
| 64.5-65.0 | 1.2 | 0.1 | 216.2 | 0.03 | 98.83 |
| 65.0-65.5 | 1.2 | 0.1 | 216.3 | 0.03 | 98.86 |
| 65.5-66.0 | 1.1 | 0.1 | 216.3 | 0.02 | 98.88 |
| 66.0-66.5 | 1.0 | 0.1 | 216.4 | 0.02 | 98.91 |
| 66.5-67.0 | 1.1 | 0.1 | 216.4 | 0.03 | 98.93 |
| 67.0-67.5 | 1.1 | 0.1 | 216.5 | 0.03 | 98.96 |
| 67.5-68.0 | 1.1 | 0.1 | 216.5 | 0.02 | 98.98 |
| 68.0-68.5 | 1.0 | 0.1 | 216.6 | 0.02 | 99.01 |
| 68.5-69.0 | 1.1 | 0.1 | 216.6 | 0.02 | 99.03 |
| 69.0-69.5 | 1.0 | 0.1 | 216.7 | 0.02 | 99.05 |
| 69.5-70.0 | 0.9 | 0.0 | 216.7 | 0.02 | 99.08 |
| 70.0-70.5 | 0.9 | 0.0 | 216.8 | 0.02 | 99.10 |
| 70.5-71.0 | 0.8 | 0.0 | 216.8 | 0.02 | 99.11 |
| 71.0-71.5 | 0.8 | 0.0 | 216.9 | 0.02 | 99.13 |
| 71.5-72.0 | 0.7 | 0.0 | 216.9 | 0.02 | 99.15 |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 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 [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 72.0-72.5 | 0.7 | 0.0 | 216.9 | 0.02 | 99.17 |
| 72.5-73.0 | 0.7 | 0.0 | 217.0 | 0.02 | 99.18 |
| 73.0-73.5 | 0.7 | 0.0 | 217.0 | 0.02 | 99.20 |
| 73.5-74.0 | 0.6 | 0.0 | 217.0 | 0.02 | 99.22 |
| 74.0-74.5 | 0.6 | 0.0 | 217.1 | 0.02 | 99.23 |
| 74.5-75.0 | 0.6 | 0.0 | 217.1 | 0.01 | 99.25 |
| 75.0-75.5 | 0.6 | 0.0 | 217.1 | 0.01 | 99.26 |
| 75.5-76.0 | 0.5 | 0.0 | 217.2 | 0.01 | 99.27 |
| 76.0-76.5 | 0.5 | 0.0 | 217.2 | 0.01 | 99.29 |
| 76.5-77.0 | 0.5 | 0.0 | 217.2 | 0.01 | 99.30 |
| 77.0-77.5 | 0.5 | 0.0 | 217.2 | 0.01 | 99.31 |
| 77.5-78.0 | 0.5 | 0.0 | 217.3 | 0.01 | 99.32 |
| 78.0-78.5 | 0.4 | 0.0 | 217.3 | 0.01 | 99.33 |
| 78.5-79.0 | 0.4 | 0.0 | 217.3 | 0.01 | 99.34 |
| 79.0-79.5 | 0.4 | 0.0 | 217.3 | 0.01 | 99.35 |
| 79.5-80.0 | 0.4 | 0.0 | 217.4 | 0.01 | 99.36 |
| 80.0-80.5 | 0.3 | 0.0 | 217.4 | 0.01 | 99.37 |
| 80.5-81.0 | 0.3 | 0.0 | 217.4 | 0.01 | 99.38 |
| 81.0-81.5 | 0.3 | 0.0 | 217.4 | 0.01 | 99.38 |
| 81.5-82.0 | 0.3 | 0.0 | 217.4 | 0.01 | 99.39 |
| 82.0-82.5 | 0.3 | 0.0 | 217.4 | 0.01 | 99.40 |
| 82.5-83.0 | 0.3 | 0.0 | 217.5 | 0.01 | 99.41 |
| 83.0-83.5 | 0.2 | 0.0 | 217.5 | 0.01 | 99.41 |
| 83.5-84.0 | 0.2 | 0.0 | 217.5 | 0.00 | 99.42 |
| 84.0-84.5 | 0.2 | 0.0 | 217.5 | 0.01 | 99.42 |
| 84.5-85.0 | 0.2 | 0.0 | 217.5 | 0.00 | 99.43 |
| 85.0-85.5 | 0.1 | 0.0 | 217.5 | 0.00 | 99.43 |
| 85.5-86.0 | 0.1 | 0.0 | 217.5 | 0.00 | 99.43 |
| 86.0-86.5 | 0.1 | 0.0 | 217.5 | 0.00 | 99.44 |
| 86.5-87.0 | 0.1 | 0.0 | 217.5 | 0.00 | 99.44 |
| 87.0-87.5 | 0.1 | 0.0 | 217.5 | 0.00 | 99.44 |
| 87.5-88.0 | 0.1 | 0.0 | 217.5 | 0.00 | 99.45 |
| 88.0-88.5 | 0.1 | 0.0 | 217.6 | 0.00 | 99.45 |
| 88.5-89.0 | 0.1 | 0.0 | 217.6 | 0.00 | 99.45 |
| 89.0-89.5 | 0.1 | 0.0 | 217.6 | 0.00 | 99.45 |
| 89.5-90.0 | 0.1 | 0.0 | 217.6 | 0.00 | 99.46 |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 5)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 90.0-90.5 | 0.2 | 0.0 | 217.6 | 0.00 | 99.46 |
| 90.5-91.0 | 0.1 | 0.0 | 217.6 | 0.00 | 99.46 |
| 91.0-91.5 | 0.1 | 0.0 | 217.6 | 0.00 | 99.47 |
| 91.5-92.0 | 0.1 | 0.0 | 217.6 | 0.00 | 99.47 |
| 92.0-92.5 | 0.1 | 0.0 | 217.6 | 0.00 | 99.47 |
| 92.5-93.0 | 0.1 | 0.0 | 217.6 | 0.00 | 99.47 |
| 93.0-93.5 | 0.1 | 0.0 | 217.6 | 0.00 | 99.48 |
| 93.5-94.0 | 0.1 | 0.0 | 217.6 | 0.00 | 99.48 |
| 94.0-94.5 | 0.1 | 0.0 | 217.6 | 0.00 | 99.48 |
| 94.5-95.0 | 0.1 | 0.0 | 217.6 | 0.00 | 99.48 |
| 95.0-95.5 | 0.1 | 0.0 | 217.6 | 0.00 | 99.48 |
| 95.5-96.0 | 0.1 | 0.0 | 217.6 | 0.00 | 99.49 |
| 96.0-96.5 | 0.1 | 0.0 | 217.6 | 0.00 | 99.49 |
| 96.5-97.0 | 0.1 | 0.0 | 217.6 | 0.00 | 99.49 |
| 97.0-97.5 | 0.1 | 0.0 | 217.7 | 0.00 | 99.49 |
| 97.5-98.0 | 0.1 | 0.0 | 217.7 | 0.00 | 99.50 |
| 98.0-98.5 | 0.1 | 0.0 | 217.7 | 0.00 | 99.50 |
| 98.5-99.0 | 0.1 | 0.0 | 217.7 | 0.00 | 99.50 |
| 99.0-99.5 | 0.2 | 0.0 | 217.7 | 0.00 | 99.51 |
| 99.5-100.0 | 0.2 | 0.0 | 217.7 | 0.00 | 99.51 |
| 100.0-100.5 | 0.1 | 0.0 | 217.7 | 0.00 | 99.51 |
| 100.5-101.0 | 0.1 | 0.0 | 217.7 | 0.00 | 99.52 |
| 101.0-101.5 | 0.1 | 0.0 | 217.7 | 0.00 | 99.52 |
| 101.5-102.0 | 0.1 | 0.0 | 217.7 | 0.00 | 99.52 |
| 102.0-102.5 | 0.1 | 0.0 | 217.7 | 0.00 | 99.52 |
| 102.5-103.0 | 0.1 | 0.0 | 217.7 | 0.00 | 99.52 |
| 103.0-103.5 | 0.1 | 0.0 | 217.7 | 0.00 | 99.53 |
| 103.5-104.0 | 0.2 | 0.0 | 217.7 | 0.00 | 99.53 |
| 104.0-104.5 | 0.1 | 0.0 | 217.7 | 0.00 | 99.53 |
| 104.5-105.0 | 0.1 | 0.0 | 217.7 | 0.00 | 99.54 |
| 105.0-105.5 | 0.1 | 0.0 | 217.7 | 0.00 | 99.54 |
| 105.5-106.0 | 0.1 | 0.0 | 217.8 | 0.00 | 99.54 |
| 106.0-106.5 | 0.1 | 0.0 | 217.8 | 0.00 | 99.54 |
| 106.5-107.0 | 0.1 | 0.0 | 217.8 | 0.00 | 99.55 |
| 107.0-107.5 | 0.1 | 0.0 | 217.8 | 0.00 | 99.55 |
| 107.5-108.0 | 0.2 | 0.0 | 217.8 | 0.00 | 99.55 |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 6)

| Gamma [°] | Imean [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------|--------------------|------------------------|-----------------------|---------------------------|
| 108.0-108.5 | 0.1 | 0.0 | 217.8 | 0.00 | 99.56 |
| 108.5-109.0 | 0.2 | 0.0 | 217.8 | 0.00 | 99.56 |
| 109.0-109.5 | 0.2 | 0.0 | 217.8 | 0.00 | 99.57 |
| 109.5-110.0 | 0.2 | 0.0 | 217.8 | 0.00 | 99.57 |
| 110.0-110.5 | 0.2 | 0.0 | 217.8 | 0.00 | 99.57 |
| 110.5-111.0 | 0.1 | 0.0 | 217.8 | 0.00 | 99.58 |
| 111.0-111.5 | 0.1 | 0.0 | 217.8 | 0.00 | 99.58 |
| 111.5-112.0 | 0.1 | 0.0 | 217.8 | 0.00 | 99.58 |
| 112.0-112.5 | 0.1 | 0.0 | 217.9 | 0.00 | 99.58 |
| 112.5-113.0 | 0.1 | 0.0 | 217.9 | 0.00 | 99.59 |
| 113.0-113.5 | 0.1 | 0.0 | 217.9 | 0.00 | 99.59 |
| 113.5-114.0 | 0.1 | 0.0 | 217.9 | 0.00 | 99.59 |
| 114.0-114.5 | 0.2 | 0.0 | 217.9 | 0.00 | 99.60 |
| 114.5-115.0 | 0.2 | 0.0 | 217.9 | 0.00 | 99.60 |
| 115.0-115.5 | 0.2 | 0.0 | 217.9 | 0.00 | 99.60 |
| 115.5-116.0 | 0.1 | 0.0 | 217.9 | 0.00 | 99.61 |
| 116.0-116.5 | 0.1 | 0.0 | 217.9 | 0.00 | 99.61 |
| 116.5-117.0 | 0.2 | 0.0 | 217.9 | 0.00 | 99.61 |
| 117.0-117.5 | 0.2 | 0.0 | 217.9 | 0.00 | 99.61 |
| 117.5-118.0 | 0.1 | 0.0 | 217.9 | 0.00 | 99.62 |
| 118.0-118.5 | 0.1 | 0.0 | 217.9 | 0.00 | 99.62 |
| 118.5-119.0 | 0.1 | 0.0 | 217.9 | 0.00 | 99.62 |
| 119.0-119.5 | 0.1 | 0.0 | 217.9 | 0.00 | 99.63 |
| 119.5-120.0 | 0.1 | 0.0 | 217.9 | 0.00 | 99.63 |
| 120.0-120.5 | 0.1 | 0.0 | 218.0 | 0.00 | 99.63 |
| 120.5-121.0 | 0.1 | 0.0 | 218.0 | 0.00 | 99.63 |
| 121.0-121.5 | 0.1 | 0.0 | 218.0 | 0.00 | 99.64 |
| 121.5-122.0 | 0.1 | 0.0 | 218.0 | 0.00 | 99.64 |
| 122.0-122.5 | 0.1 | 0.0 | 218.0 | 0.00 | 99.64 |
| 122.5-123.0 | 0.1 | 0.0 | 218.0 | 0.00 | 99.64 |
| 123.0-123.5 | 0.2 | 0.0 | 218.0 | 0.00 | 99.65 |
| 123.5-124.0 | 0.1 | 0.0 | 218.0 | 0.00 | 99.65 |
| 124.0-124.5 | 0.1 | 0.0 | 218.0 | 0.00 | 99.65 |
| 124.5-125.0 | 0.1 | 0.0 | 218.0 | 0.00 | 99.66 |
| 125.0-125.5 | 0.1 | 0.0 | 218.0 | 0.00 | 99.66 |
| 125.5-126.0 | 0.2 | 0.0 | 218.0 | 0.00 | 99.66 |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 7)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 126.0-126.5 | 0.2 | 0.0 | 218.0 | 0.00 | 99.67 |
| 126.5-127.0 | 0.2 | 0.0 | 218.0 | 0.00 | 99.67 |
| 127.0-127.5 | 0.2 | 0.0 | 218.0 | 0.00 | 99.67 |
| 127.5-128.0 | 0.2 | 0.0 | 218.1 | 0.00 | 99.68 |
| 128.0-128.5 | 0.1 | 0.0 | 218.1 | 0.00 | 99.68 |
| 128.5-129.0 | 0.1 | 0.0 | 218.1 | 0.00 | 99.68 |
| 129.0-129.5 | 0.1 | 0.0 | 218.1 | 0.00 | 99.68 |
| 129.5-130.0 | 0.1 | 0.0 | 218.1 | 0.00 | 99.69 |
| 130.0-130.5 | 0.1 | 0.0 | 218.1 | 0.00 | 99.69 |
| 130.5-131.0 | 0.2 | 0.0 | 218.1 | 0.00 | 99.69 |
| 131.0-131.5 | 0.2 | 0.0 | 218.1 | 0.00 | 99.69 |
| 131.5-132.0 | 0.1 | 0.0 | 218.1 | 0.00 | 99.70 |
| 132.0-132.5 | 0.2 | 0.0 | 218.1 | 0.00 | 99.70 |
| 132.5-133.0 | 0.2 | 0.0 | 218.1 | 0.00 | 99.70 |
| 133.0-133.5 | 0.2 | 0.0 | 218.1 | 0.00 | 99.70 |
| 133.5-134.0 | 0.2 | 0.0 | 218.1 | 0.00 | 99.71 |
| 134.0-134.5 | 0.2 | 0.0 | 218.1 | 0.00 | 99.71 |
| 134.5-135.0 | 0.2 | 0.0 | 218.1 | 0.00 | 99.71 |
| 135.0-135.5 | 0.2 | 0.0 | 218.1 | 0.00 | 99.72 |
| 135.5-136.0 | 0.2 | 0.0 | 218.1 | 0.00 | 99.72 |
| 136.0-136.5 | 0.2 | 0.0 | 218.2 | 0.00 | 99.72 |
| 136.5-137.0 | 0.2 | 0.0 | 218.2 | 0.00 | 99.73 |
| 137.0-137.5 | 0.2 | 0.0 | 218.2 | 0.00 | 99.73 |
| 137.5-138.0 | 0.2 | 0.0 | 218.2 | 0.00 | 99.73 |
| 138.0-138.5 | 0.1 | 0.0 | 218.2 | 0.00 | 99.73 |
| 138.5-139.0 | 0.1 | 0.0 | 218.2 | 0.00 | 99.73 |
| 139.0-139.5 | 0.1 | 0.0 | 218.2 | 0.00 | 99.74 |
| 139.5-140.0 | 0.1 | 0.0 | 218.2 | 0.00 | 99.74 |
| 140.0-140.5 | 0.2 | 0.0 | 218.2 | 0.00 | 99.74 |
| 140.5-141.0 | 0.1 | 0.0 | 218.2 | 0.00 | 99.74 |
| 141.0-141.5 | 0.1 | 0.0 | 218.2 | 0.00 | 99.75 |
| 141.5-142.0 | 0.2 | 0.0 | 218.2 | 0.00 | 99.75 |
| 142.0-142.5 | 0.2 | 0.0 | 218.2 | 0.00 | 99.75 |
| 142.5-143.0 | 0.2 | 0.0 | 218.2 | 0.00 | 99.75 |
| 143.0-143.5 | 0.2 | 0.0 | 218.2 | 0.00 | 99.76 |
| 143.5-144.0 | 0.2 | 0.0 | 218.2 | 0.00 | 99.76 |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 8)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 144.0-144.5 | 0.2 | 0.0 | 218.2 | 0.00 | 99.76 |
| 144.5-145.0 | 0.1 | 0.0 | 218.2 | 0.00 | 99.77 |
| 145.0-145.5 | 0.1 | 0.0 | 218.3 | 0.00 | 99.77 |
| 145.5-146.0 | 0.2 | 0.0 | 218.3 | 0.00 | 99.77 |
| 146.0-146.5 | 0.2 | 0.0 | 218.3 | 0.00 | 99.77 |
| 146.5-147.0 | 0.2 | 0.0 | 218.3 | 0.00 | 99.78 |
| 147.0-147.5 | 0.3 | 0.0 | 218.3 | 0.00 | 99.78 |
| 147.5-148.0 | 0.3 | 0.0 | 218.3 | 0.00 | 99.78 |
| 148.0-148.5 | 0.3 | 0.0 | 218.3 | 0.00 | 99.79 |
| 148.5-149.0 | 0.3 | 0.0 | 218.3 | 0.00 | 99.79 |
| 149.0-149.5 | 0.2 | 0.0 | 218.3 | 0.00 | 99.79 |
| 149.5-150.0 | 0.3 | 0.0 | 218.3 | 0.00 | 99.80 |
| 150.0-150.5 | 0.2 | 0.0 | 218.3 | 0.00 | 99.80 |
| 150.5-151.0 | 0.2 | 0.0 | 218.3 | 0.00 | 99.80 |
| 151.0-151.5 | 0.3 | 0.0 | 218.3 | 0.00 | 99.81 |
| 151.5-152.0 | 0.3 | 0.0 | 218.3 | 0.00 | 99.81 |
| 152.0-152.5 | 0.4 | 0.0 | 218.4 | 0.00 | 99.81 |
| 152.5-153.0 | 0.5 | 0.0 | 218.4 | 0.01 | 99.82 |
| 153.0-153.5 | 0.5 | 0.0 | 218.4 | 0.01 | 99.82 |
| 153.5-154.0 | 0.4 | 0.0 | 218.4 | 0.00 | 99.83 |
| 154.0-154.5 | 0.4 | 0.0 | 218.4 | 0.00 | 99.83 |
| 154.5-155.0 | 0.4 | 0.0 | 218.4 | 0.00 | 99.84 |
| 155.0-155.5 | 0.5 | 0.0 | 218.4 | 0.00 | 99.84 |
| 155.5-156.0 | 0.5 | 0.0 | 218.4 | 0.01 | 99.85 |
| 156.0-156.5 | 0.5 | 0.0 | 218.4 | 0.01 | 99.85 |
| 156.5-157.0 | 0.5 | 0.0 | 218.4 | 0.01 | 99.86 |
| 157.0-157.5 | 0.6 | 0.0 | 218.5 | 0.01 | 99.86 |
| 157.5-158.0 | 0.6 | 0.0 | 218.5 | 0.01 | 99.87 |
| 158.0-158.5 | 0.6 | 0.0 | 218.5 | 0.01 | 99.87 |
| 158.5-159.0 | 0.5 | 0.0 | 218.5 | 0.00 | 99.88 |
| 159.0-159.5 | 0.3 | 0.0 | 218.5 | 0.00 | 99.88 |
| 159.5-160.0 | 0.4 | 0.0 | 218.5 | 0.00 | 99.88 |
| 160.0-160.5 | 0.6 | 0.0 | 218.5 | 0.01 | 99.89 |
| 160.5-161.0 | 0.7 | 0.0 | 218.5 | 0.01 | 99.90 |
| 161.0-161.5 | 0.7 | 0.0 | 218.5 | 0.01 | 99.90 |
| 161.5-162.0 | 0.7 | 0.0 | 218.6 | 0.01 | 99.91 |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 9)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 162.0-162.5 | 0.8 | 0.0 | 218.6 | 0.01 | 99.91 |
| 162.5-163.0 | 0.7 | 0.0 | 218.6 | 0.01 | 99.92 |
| 163.0-163.5 | 0.6 | 0.0 | 218.6 | 0.00 | 99.92 |
| 163.5-164.0 | 0.6 | 0.0 | 218.6 | 0.00 | 99.93 |
| 164.0-164.5 | 0.6 | 0.0 | 218.6 | 0.00 | 99.93 |
| 164.5-165.0 | 0.7 | 0.0 | 218.6 | 0.00 | 99.94 |
| 165.0-165.5 | 0.8 | 0.0 | 218.6 | 0.00 | 99.94 |
| 165.5-166.0 | 0.7 | 0.0 | 218.6 | 0.00 | 99.94 |
| 166.0-166.5 | 0.7 | 0.0 | 218.6 | 0.00 | 99.95 |
| 166.5-167.0 | 0.8 | 0.0 | 218.7 | 0.00 | 99.95 |
| 167.0-167.5 | 0.8 | 0.0 | 218.7 | 0.00 | 99.96 |
| 167.5-168.0 | 0.7 | 0.0 | 218.7 | 0.00 | 99.96 |
| 168.0-168.5 | 0.6 | 0.0 | 218.7 | 0.00 | 99.96 |
| 168.5-169.0 | 0.6 | 0.0 | 218.7 | 0.00 | 99.97 |
| 169.0-169.5 | 0.6 | 0.0 | 218.7 | 0.00 | 99.97 |
| 169.5-170.0 | 0.5 | 0.0 | 218.7 | 0.00 | 99.97 |
| 170.0-170.5 | 0.5 | 0.0 | 218.7 | 0.00 | 99.98 |
| 170.5-171.0 | 0.7 | 0.0 | 218.7 | 0.00 | 99.98 |
| 171.0-171.5 | 0.8 | 0.0 | 218.7 | 0.00 | 99.98 |
| 171.5-172.0 | 0.7 | 0.0 | 218.7 | 0.00 | 99.98 |
| 172.0-172.5 | 0.7 | 0.0 | 218.7 | 0.00 | 99.99 |
| 172.5-173.0 | 0.7 | 0.0 | 218.7 | 0.00 | 99.99 |
| 173.0-173.5 | 0.7 | 0.0 | 218.7 | 0.00 | 99.99 |
| 173.5-174.0 | 0.7 | 0.0 | 218.7 | 0.00 | 99.99 |
| 174.0-174.5 | 0.7 | 0.0 | 218.7 | 0.00 | 99.99 |
| 174.5-175.0 | 0.6 | 0.0 | 218.7 | 0.00 | 99.99 |
| 175.0-175.5 | 0.5 | 0.0 | 218.8 | 0.00 | 100.00 |
| 175.5-176.0 | 0.5 | 0.0 | 218.8 | 0.00 | 100.00 |
| 176.0-176.5 | 0.5 | 0.0 | 218.8 | 0.00 | 100.00 |
| 176.5-177.0 | 0.5 | 0.0 | 218.8 | 0.00 | 100.00 |
| 177.0-177.5 | 0.4 | 0.0 | 218.8 | 0.00 | 100.00 |
| 177.5-178.0 | 0.4 | 0.0 | 218.8 | 0.00 | 100.00 |
| 178.0-178.5 | 0.4 | 0.0 | 218.8 | 0.00 | 100.00 |
| 178.5-179.0 | 0.4 | 0.0 | 218.8 | 0.00 | 100.00 |
| 179.0-179.5 | 0.5 | 0.0 | 218.8 | 0.00 | 100.00 |
| 179.5-180.0 | 0.6 | 0.0 | 218.8 | 0.00 | 100.00 |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

| G\C | C0.0 | C45.0 | C90.0 | C135.0 | C180.0 | C225.0 | C270.0 | C315.0 | C360.0 | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--|
| G0.0 | 1415.1 | 1408.1 | 1410.0 | 1405.0 | 1415.1 | 1408.1 | 1410.0 | 1405.0 | 1415.1 | |
| G0.5 | 1403.9 | 1421.3 | 1411.1 | 1420.3 | 1403.2 | 1398.2 | 1394.4 | 1404.1 | 1403.9 | |
| G1.0 | 1397.9 | 1415.9 | 1399.3 | 1411.6 | 1404.6 | 1399.8 | 1390.1 | 1376.0 | 1397.9 | |
| G1.5 | 1389.8 | 1389.4 | 1401.6 | 1402.1 | 1397.6 | 1376.0 | 1351.8 | 1356.5 | 1389.8 | |
| G2.0 | 1345.9 | 1380.2 | 1392.7 | 1400.3 | 1351.9 | 1357.2 | 1327.0 | 1319.5 | 1345.9 | |
| G2.5 | 1318.2 | 1342.3 | 1353.8 | 1374.1 | 1329.7 | 1319.7 | 1306.8 | 1298.1 | 1318.2 | |
| G3.0 | 1291.5 | 1313.5 | 1328.7 | 1354.4 | 1313.7 | 1297.3 | 1275.4 | 1257.3 | 1291.5 | |
| G3.5 | 1251.6 | 1279.0 | 1298.6 | 1326.9 | 1282.6 | 1272.4 | 1232.0 | 1207.7 | 1251.6 | |
| G4.0 | 1216.9 | 1242.8 | 1261.5 | 1293.6 | 1259.3 | 1240.1 | 1202.6 | 1174.4 | 1216.9 | |
| G4.5 | 1170.7 | 1200.2 | 1197.9 | 1271.4 | 1224.1 | 1203.7 | 1162.6 | 1133.4 | 1170.7 | |
| G5.0 | 1123.3 | 1168.8 | 1163.0 | 1228.4 | 1205.4 | 1184.3 | 1125.6 | 1086.8 | 1123.3 | |
| G5.5 | 1089.3 | 1126.0 | 1115.8 | 1181.4 | 1164.2 | 1150.6 | 1083.6 | 1034.9 | 1089.3 | |
| G6.0 | 1046.6 | 1082.3 | 1074.4 | 1142.7 | 1133.8 | 1110.9 | 1040.9 | 991.8 | 1046.6 | |
| G6.5 | 1002.9 | 1036.8 | 1016.2 | 1096.8 | 1103.2 | 1086.2 | 1004.1 | 937.7 | 1002.9 | |
| G7.0 | 940.9 | 986.4 | 969.8 | 1055.2 | 1053.1 | 1027.8 | 955.1 | 890.3 | 940.9 | |
| G7.5 | 896.3 | 928.5 | 925.9 | 1006.4 | 1005.3 | 996.7 | 915.8 | 831.7 | 896.3 | |
| G8.0 | 861.0 | 881.6 | 892.9 | 950.0 | 949.4 | 944.6 | 861.5 | 786.8 | 861.0 | |
| G8.5 | 807.0 | 838.8 | 840.2 | 902.1 | 903.4 | 884.5 | 804.2 | 723.8 | 807.0 | |
| G9.0 | 755.9 | 792.0 | 793.7 | 852.3 | 860.1 | 833.2 | 746.2 | 664.5 | 755.9 | |
| G9.5 | 696.9 | 737.2 | 755.3 | 806.5 | 791.1 | 771.5 | 683.1 | 615.6 | 696.9 | |
| G10.0 | 652.4 | 687.8 | 705.4 | 747.2 | 746.7 | 707.5 | 612.3 | 561.1 | 652.4 | |
| G10.5 | 602.4 | 642.2 | 657.6 | 694.3 | 681.3 | 647.4 | 550.3 | 504.6 | 602.4 | |
| G11.0 | 549.8 | 589.1 | 615.8 | 647.9 | 618.7 | 582.7 | 489.6 | 457.5 | 549.8 | |
| G11.5 | 505.0 | 536.0 | 562.0 | 588.4 | 566.6 | 525.2 | 427.3 | 407.8 | 505.0 | |
| G12.0 | 455.1 | 487.9 | 506.6 | 530.5 | 506.7 | 464.1 | 379.9 | 358.4 | 455.1 | |
| G12.5 | 397.9 | 427.6 | 455.4 | 468.1 | 453.9 | 419.6 | 339.5 | 316.3 | 397.9 | |
| G13.0 | 353.7 | 368.8 | 400.3 | 413.1 | 400.4 | 373.9 | 304.4 | 285.8 | 353.7 | |
| G13.5 | 312.0 | 323.0 | 351.9 | 360.1 | 358.1 | 335.1 | 275.3 | 258.9 | 312.0 | |
| G14.0 | 273.5 | 275.2 | 306.7 | 308.7 | 314.9 | 299.5 | 252.6 | 233.8 | 273.5 | |
| G14.5 | 241.6 | 237.0 | 266.1 | 269.5 | 275.9 | 273.0 | 233.9 | 215.1 | 241.6 | |
| G15.0 | 219.8 | 206.7 | 229.7 | 236.1 | 244.9 | 248.9 | 214.1 | 197.4 | 219.8 | |
| G15.5 | 195.3 | 181.9 | 200.6 | 210.3 | 220.4 | 224.7 | 201.5 | 183.6 | 195.3 | |
| G16.0 | 176.7 | 163.2 | 178.0 | 186.4 | 202.2 | 207.3 | 186.0 | 170.7 | 176.7 | |
| G16.5 | 163.6 | 146.9 | 157.1 | 166.2 | 185.9 | 191.9 | 175.9 | 159.2 | 163.6 | |
| G17.0 | 151.4 | 134.0 | 141.2 | 154.9 | 169.9 | 179.1 | 164.1 | 150.5 | 151.4 | |
| G17.5 | 138.0 | 122.4 | 129.5 | 141.1 | 160.7 | 165.1 | 154.4 | 141.0 | 138.0 | |
| G18.0 | 129.7 | 112.2 | 120.1 | 130.0 | 150.3 | 155.8 | 145.5 | 132.8 | 129.7 | |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

| G\C | C0.0 | C45.0 | C90.0 | C135.0 | C180.0 | C225.0 | C270.0 | C315.0 | C360.0 | |
|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G18.5 | 120.8 | 103.6 | 109.3 | 120.9 | 140.9 | 147.8 | 138.2 | 124.9 | 120.8 | |
| G19.0 | 112.7 | 95.8 | 102.1 | 112.4 | 132.2 | 139.1 | 131.3 | 118.5 | 112.7 | |
| G19.5 | 105.9 | 88.8 | 94.9 | 105.4 | 125.4 | 131.5 | 124.9 | 111.5 | 105.9 | |
| G20.0 | 98.1 | 82.9 | 90.1 | 98.8 | 119.0 | 124.9 | 118.5 | 106.5 | 98.1 | |
| G20.5 | 93.4 | 78.1 | 84.8 | 92.9 | 113.3 | 118.1 | 113.1 | 100.8 | 93.4 | |
| G21.0 | 86.9 | 73.6 | 79.9 | 88.4 | 108.8 | 113.8 | 107.4 | 95.1 | 86.9 | |
| G21.5 | 81.8 | 69.1 | 75.0 | 84.4 | 103.4 | 108.0 | 103.3 | 90.5 | 81.8 | |
| G22.0 | 77.2 | 65.4 | 71.2 | 80.9 | 97.9 | 102.8 | 99.6 | 86.3 | 77.2 | |
| G22.5 | 73.8 | 61.9 | 67.7 | 77.5 | 93.8 | 98.2 | 93.5 | 81.8 | 73.8 | |
| G23.0 | 69.3 | 58.3 | 63.7 | 73.0 | 89.6 | 94.1 | 90.2 | 77.4 | 69.3 | |
| G23.5 | 66.1 | 55.4 | 60.5 | 69.6 | 86.1 | 90.3 | 87.0 | 73.6 | 66.1 | |
| G24.0 | 62.0 | 52.6 | 57.4 | 66.5 | 82.3 | 86.2 | 82.9 | 69.6 | 62.0 | |
| G24.5 | 57.6 | 49.8 | 54.3 | 62.7 | 78.4 | 84.2 | 78.9 | 65.0 | 57.6 | |
| G25.0 | 54.7 | 46.7 | 51.7 | 59.5 | 74.8 | 80.0 | 75.3 | 61.6 | 54.7 | |
| G25.5 | 50.8 | 44.0 | 48.4 | 56.0 | 71.6 | 76.3 | 71.7 | 58.5 | 50.8 | |
| G26.0 | 47.0 | 41.3 | 46.5 | 53.3 | 68.4 | 73.3 | 68.2 | 54.7 | 47.0 | |
| G26.5 | 43.6 | 38.2 | 42.9 | 50.1 | 64.5 | 69.1 | 64.1 | 51.2 | 43.6 | |
| G27.0 | 39.4 | 35.1 | 39.5 | 47.1 | 61.3 | 65.7 | 61.5 | 48.2 | 39.4 | |
| G27.5 | 36.5 | 31.6 | 36.2 | 44.1 | 58.0 | 62.8 | 57.7 | 45.0 | 36.5 | |
| G28.0 | 33.5 | 28.8 | 33.4 | 40.5 | 54.8 | 59.4 | 53.7 | 41.7 | 33.5 | |
| G28.5 | 30.7 | 26.6 | 30.6 | 37.7 | 51.1 | 56.2 | 51.2 | 38.6 | 30.7 | |
| G29.0 | 27.8 | 25.7 | 27.5 | 35.6 | 48.2 | 52.5 | 47.3 | 36.1 | 27.8 | |
| G29.5 | 25.3 | 23.7 | 25.2 | 33.6 | 45.3 | 50.5 | 44.7 | 32.9 | 25.3 | |
| G30.0 | 23.2 | 21.5 | 23.4 | 30.9 | 42.0 | 47.0 | 41.3 | 30.3 | 23.2 | |
| G30.5 | 20.8 | 20.1 | 21.0 | 28.6 | 39.0 | 44.0 | 38.4 | 28.2 | 20.8 | |
| G31.0 | 19.1 | 18.4 | 19.0 | 26.4 | 36.1 | 41.0 | 36.0 | 25.7 | 19.1 | |
| G31.5 | 17.8 | 16.9 | 17.5 | 23.5 | 33.3 | 37.9 | 32.7 | 23.5 | 17.8 | |
| G32.0 | 16.2 | 15.6 | 16.1 | 22.3 | 30.9 | 34.4 | 30.1 | 21.5 | 16.2 | |
| G32.5 | 14.8 | 13.1 | 14.7 | 20.3 | 28.4 | 31.8 | 27.9 | 19.9 | 14.8 | |
| G33.0 | 14.0 | 12.1 | 13.3 | 18.2 | 26.0 | 29.2 | 25.4 | 17.8 | 14.0 | |
| G33.5 | 13.1 | 11.1 | 12.6 | 16.6 | 23.7 | 28.5 | 22.8 | 16.5 | 13.1 | |
| G34.0 | 12.3 | 11.4 | 11.9 | 13.9 | 21.8 | 26.2 | 20.6 | 15.2 | 12.3 | |
| G34.5 | 11.5 | 11.0 | 10.9 | 12.6 | 19.9 | 24.1 | 19.0 | 13.9 | 11.5 | |
| G35.0 | 10.9 | 10.1 | 10.5 | 11.5 | 18.0 | 22.2 | 17.2 | 12.9 | 10.9 | |
| G35.5 | 10.2 | 8.2 | 9.8 | 10.4 | 16.8 | 20.5 | 16.1 | 11.9 | 10.2 | |
| G36.0 | 9.9 | 7.8 | 9.2 | 10.0 | 15.6 | 18.9 | 15.1 | 11.1 | 9.9 | |
| G36.5 | 9.5 | 7.3 | 8.9 | 9.3 | 14.4 | 17.6 | 14.2 | 10.5 | 9.5 | |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

| G\C | C0.0 | C45.0 | C90.0 | C135.0 | C180.0 | C225.0 | C270.0 | C315.0 | C360.0 | |
|-------|------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G37.0 | 8.9 | 6.7 | 8.5 | 8.5 | 13.7 | 14.9 | 13.2 | 9.8 | 8.9 | |
| G37.5 | 8.6 | 6.7 | 8.1 | 8.2 | 12.8 | 13.9 | 12.6 | 9.0 | 8.6 | |
| G38.0 | 8.1 | 6.2 | 7.8 | 7.7 | 12.0 | 12.6 | 12.0 | 8.8 | 8.1 | |
| G38.5 | 7.8 | 5.7 | 7.5 | 7.1 | 11.5 | 12.1 | 11.1 | 8.2 | 7.8 | |
| G39.0 | 7.7 | 5.8 | 7.3 | 6.9 | 11.0 | 11.3 | 10.9 | 7.7 | 7.7 | |
| G39.5 | 7.4 | 5.5 | 7.3 | 6.5 | 10.4 | 10.5 | 10.3 | 7.6 | 7.4 | |
| G40.0 | 7.1 | 5.0 | 6.8 | 6.6 | 9.8 | 11.5 | 9.9 | 7.3 | 7.1 | |
| G40.5 | 6.8 | 5.1 | 6.7 | 7.5 | 9.6 | 11.1 | 9.6 | 6.7 | 6.8 | |
| G41.0 | 6.8 | 4.9 | 6.3 | 7.3 | 8.9 | 10.4 | 9.2 | 6.7 | 6.8 | |
| G41.5 | 6.5 | 4.5 | 6.4 | 7.1 | 8.9 | 8.6 | 9.0 | 6.5 | 6.5 | |
| G42.0 | 6.4 | 4.5 | 6.2 | 7.0 | 8.5 | 8.4 | 8.8 | 6.3 | 6.4 | |
| G42.5 | 6.2 | 4.4 | 5.9 | 6.8 | 8.3 | 8.1 | 8.6 | 5.9 | 6.2 | |
| G43.0 | 6.2 | 4.1 | 5.9 | 6.7 | 8.3 | 7.8 | 8.4 | 5.8 | 6.2 | |
| G43.5 | 6.3 | 4.3 | 5.9 | 6.7 | 8.2 | 7.5 | 8.0 | 5.8 | 6.3 | |
| G44.0 | 6.0 | 4.1 | 5.7 | 6.0 | 7.7 | 7.4 | 7.9 | 5.6 | 6.0 | |
| G44.5 | 6.0 | 3.8 | 5.8 | 6.2 | 7.3 | 7.2 | 7.8 | 5.5 | 6.0 | |
| G45.0 | 5.9 | 4.0 | 5.7 | 5.8 | 7.4 | 7.0 | 7.6 | 5.4 | 5.9 | |
| G45.5 | 5.8 | 3.9 | 5.8 | 6.0 | 7.3 | 6.9 | 8.0 | 5.4 | 5.8 | |
| G46.0 | 5.9 | 3.7 | 5.6 | 5.9 | 7.0 | 6.8 | 7.8 | 5.5 | 5.9 | |
| G46.5 | 5.7 | 3.9 | 5.6 | 5.6 | 7.1 | 6.8 | 7.4 | 5.5 | 5.7 | |
| G47.0 | 5.8 | 3.8 | 5.4 | 5.8 | 7.1 | 6.9 | 7.8 | 5.5 | 5.8 | |
| G47.5 | 5.8 | 3.8 | 5.4 | 5.8 | 7.0 | 6.5 | 7.5 | 5.4 | 5.8 | |
| G48.0 | 5.7 | 3.8 | 5.4 | 5.8 | 7.0 | 6.6 | 7.4 | 5.3 | 5.7 | |
| G48.5 | 5.8 | 3.8 | 5.4 | 5.8 | 7.0 | 6.4 | 7.3 | 5.2 | 5.8 | |
| G49.0 | 5.8 | 3.7 | 5.2 | 5.8 | 7.1 | 6.0 | 7.0 | 5.1 | 5.8 | |
| G49.5 | 5.8 | 3.7 | 5.3 | 5.8 | 6.8 | 7.3 | 6.7 | 5.0 | 5.8 | |
| G50.0 | 5.8 | 3.7 | 5.4 | 5.8 | 6.9 | 6.9 | 6.6 | 4.8 | 5.8 | |
| G50.5 | 5.7 | 3.6 | 5.2 | 5.8 | 6.7 | 6.6 | 6.0 | 4.5 | 5.7 | |
| G51.0 | 5.6 | 3.6 | 5.2 | 5.8 | 6.6 | 5.2 | 5.8 | 4.3 | 5.6 | |
| G51.5 | 5.6 | 3.4 | 5.2 | 4.3 | 6.4 | 5.0 | 5.4 | 4.1 | 5.6 | |
| G52.0 | 5.2 | 3.4 | 5.2 | 4.1 | 6.1 | 4.5 | 5.3 | 4.0 | 5.2 | |
| G52.5 | 5.1 | 3.4 | 5.0 | 4.1 | 5.7 | 4.4 | 5.1 | 3.7 | 5.1 | |
| G53.0 | 5.1 | 3.2 | 5.0 | 5.4 | 5.6 | 4.2 | 4.8 | 3.3 | 5.1 | |
| G53.5 | 4.7 | 3.1 | 4.9 | 5.3 | 5.4 | 3.7 | 4.6 | 3.2 | 4.7 | |
| G54.0 | 4.5 | 3.0 | 4.8 | 5.2 | 5.0 | 3.7 | 4.3 | 3.0 | 4.5 | |
| G54.5 | 4.3 | 2.9 | 4.7 | 5.1 | 4.8 | 3.4 | 4.5 | 2.6 | 4.3 | |
| G55.0 | 4.2 | 2.7 | 4.6 | 4.8 | 4.8 | 2.8 | 3.9 | 2.6 | 4.2 | |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

| G\C | C0.0 | C45.0 | C90.0 | C135.0 | C180.0 | C225.0 | C270.0 | C315.0 | C360.0 | |
|-------|------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G55.5 | 4.0 | 2.5 | 4.3 | 4.7 | 4.4 | 2.8 | 3.8 | 2.4 | 4.0 | |
| G56.0 | 3.8 | 2.4 | 4.4 | 4.5 | 4.3 | 2.6 | 3.7 | 2.0 | 3.8 | |
| G56.5 | 3.8 | 2.3 | 4.2 | 4.3 | 4.1 | 2.4 | 3.5 | 2.1 | 3.8 | |
| G57.0 | 4.0 | 2.1 | 3.8 | 4.1 | 4.0 | 2.2 | 3.3 | 1.9 | 4.0 | |
| G57.5 | 3.2 | 2.1 | 3.9 | 3.8 | 3.8 | 2.0 | 3.1 | 1.5 | 3.2 | |
| G58.0 | 3.3 | 1.9 | 3.8 | 3.8 | 3.7 | 1.9 | 2.8 | 1.6 | 3.3 | |
| G58.5 | 3.6 | 1.6 | 3.4 | 3.6 | 3.4 | 1.7 | 2.8 | 1.5 | 3.6 | |
| G59.0 | 3.1 | 1.7 | 3.5 | 3.3 | 3.1 | 1.6 | 2.7 | 1.4 | 3.1 | |
| G59.5 | 3.0 | 1.6 | 3.4 | 3.4 | 3.3 | 1.5 | 2.5 | 1.2 | 3.0 | |
| G60.0 | 3.0 | 1.2 | 3.4 | 3.0 | 3.0 | 1.4 | 2.5 | 1.2 | 3.0 | |
| G60.5 | 2.8 | 1.4 | 3.3 | 1.3 | 2.8 | 1.3 | 2.5 | 1.2 | 2.8 | |
| G61.0 | 2.7 | 1.3 | 3.4 | 1.5 | 2.9 | 1.3 | 2.4 | 1.0 | 2.7 | |
| G61.5 | 2.6 | 0.9 | 2.9 | 1.3 | 2.7 | 1.1 | 2.4 | 0.9 | 2.6 | |
| G62.0 | 2.1 | 1.1 | 3.0 | 2.6 | 2.7 | 1.0 | 2.3 | 0.9 | 2.1 | |
| G62.5 | 2.3 | 1.0 | 2.6 | 2.6 | 2.8 | 1.0 | 2.3 | 0.8 | 2.3 | |
| G63.0 | 2.3 | 0.6 | 2.4 | 2.4 | 2.5 | 0.9 | 2.3 | 0.8 | 2.3 | |
| G63.5 | 2.9 | 0.8 | 0.9 | 2.5 | 2.8 | 0.9 | 2.1 | 0.8 | 2.9 | |
| G64.0 | 2.0 | 0.7 | 0.9 | 0.9 | 2.3 | 0.8 | 2.7 | 0.7 | 2.0 | |
| G64.5 | 2.1 | 0.4 | 0.8 | 0.8 | 2.4 | 0.8 | 1.9 | 0.6 | 2.1 | |
| G65.0 | 2.2 | 0.7 | 0.7 | 0.8 | 2.3 | 0.7 | 2.1 | 0.6 | 2.2 | |
| G65.5 | 1.9 | 0.5 | 0.7 | 0.7 | 2.1 | 0.7 | 2.0 | 0.5 | 1.9 | |
| G66.0 | 2.0 | 0.2 | 0.6 | 0.6 | 2.2 | 0.5 | 1.8 | 0.5 | 2.0 | |
| G66.5 | 2.0 | 0.5 | 0.4 | 0.6 | 2.1 | 0.5 | 1.9 | 0.4 | 2.0 | |
| G67.0 | 1.9 | 0.4 | 0.5 | 2.0 | 1.9 | 0.5 | 1.8 | 0.4 | 1.9 | |
| G67.5 | 1.8 | 0.1 | 0.5 | 2.0 | 2.0 | 0.1 | 1.8 | 0.3 | 1.8 | |
| G68.0 | 1.7 | 0.3 | 0.2 | 1.9 | 2.0 | 0.4 | 1.6 | 0.3 | 1.7 | |
| G68.5 | 1.7 | 0.2 | 0.3 | 1.7 | 2.0 | 0.3 | 1.7 | 0.3 | 1.7 | |
| G69.0 | 2.3 | 0.2 | 0.3 | 1.9 | 1.9 | 0.1 | 1.8 | 0.2 | 2.3 | |
| G69.5 | 1.7 | 0.2 | 0.1 | 1.8 | 1.7 | 0.2 | 1.6 | 0.1 | 1.7 | |
| G70.0 | 1.6 | 0.1 | 0.2 | 1.6 | 1.8 | 0.1 | 1.6 | 0.0 | 1.6 | |
| G70.5 | 1.4 | 0.1 | 0.1 | 1.7 | 1.7 | 0.0 | 1.5 | 0.0 | 1.4 | |
| G71.0 | 1.5 | 0.1 | 0.0 | 1.7 | 1.8 | 0.1 | 1.3 | 0.0 | 1.5 | |
| G71.5 | 1.4 | 0.0 | 0.1 | 1.7 | 1.6 | 0.0 | 1.4 | 0.0 | 1.4 | |
| G72.0 | 1.2 | 0.0 | 0.0 | 1.7 | 1.4 | 0.0 | 1.4 | 0.0 | 1.2 | |
| G72.5 | 1.4 | 0.0 | 0.0 | 1.5 | 1.5 | 0.0 | 1.2 | 0.0 | 1.4 | |
| G73.0 | 1.3 | 0.0 | 0.0 | 1.5 | 1.5 | 0.0 | 1.4 | 0.0 | 1.3 | |
| G73.5 | 1.3 | 0.0 | 0.0 | 1.4 | 1.2 | 0.0 | 1.3 | 0.0 | 1.3 | |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

| G\C | C0.0 | C45.0 | C90.0 | C135.0 | C180.0 | C225.0 | C270.0 | C315.0 | C360.0 | |
|-------|------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G74.0 | 1.2 | 0.0 | 0.0 | 1.4 | 1.4 | 0.0 | 1.2 | 0.0 | 1.2 | |
| G74.5 | 1.2 | 0.0 | 0.0 | 1.3 | 1.5 | 0.0 | 1.1 | 0.0 | 1.2 | |
| G75.0 | 1.1 | 0.0 | 0.0 | 1.1 | 1.3 | 0.0 | 1.1 | 0.0 | 1.1 | |
| G75.5 | 1.2 | 0.0 | 0.0 | 0.9 | 1.2 | 0.0 | 1.0 | 0.0 | 1.2 | |
| G76.0 | 1.0 | 0.0 | 0.0 | 1.2 | 1.2 | 0.0 | 1.0 | 0.0 | 1.0 | |
| G76.5 | 1.0 | 0.0 | 0.0 | 1.0 | 1.1 | 0.0 | 1.1 | 0.0 | 1.0 | |
| G77.0 | 0.9 | 0.0 | 0.0 | 0.8 | 0.8 | 0.0 | 1.0 | 0.0 | 0.9 | |
| G77.5 | 0.9 | 0.0 | 0.0 | 1.0 | 1.4 | 0.0 | 0.9 | 0.0 | 0.9 | |
| G78.0 | 0.9 | 0.0 | 0.0 | 1.1 | 1.0 | 0.0 | 0.9 | 0.0 | 0.9 | |
| G78.5 | 0.7 | 0.0 | 0.0 | 1.0 | 0.8 | 0.0 | 0.8 | 0.0 | 0.7 | |
| G79.0 | 0.8 | 0.0 | 0.0 | 0.9 | 0.9 | 0.0 | 0.6 | 0.0 | 0.8 | |
| G79.5 | 0.7 | 0.0 | 0.0 | 0.9 | 0.8 | 0.0 | 0.7 | 0.0 | 0.7 | |
| G80.0 | 0.8 | 0.0 | 0.0 | 0.8 | 0.7 | 0.0 | 0.6 | 0.0 | 0.8 | |
| G80.5 | 0.6 | 0.0 | 0.0 | 0.8 | 0.8 | 0.0 | 0.4 | 0.0 | 0.6 | |
| G81.0 | 0.5 | 0.0 | 0.0 | 0.8 | 0.7 | 0.0 | 0.7 | 0.0 | 0.5 | |
| G81.5 | 0.5 | 0.0 | 0.0 | 0.5 | 0.3 | 0.0 | 0.6 | 0.0 | 0.5 | |
| G82.0 | 0.2 | 0.0 | 0.6 | 0.7 | 0.7 | 0.0 | 1.0 | 0.0 | 0.2 | |
| G82.5 | 0.4 | 0.0 | 0.4 | 0.6 | 0.6 | 0.0 | 0.2 | 0.0 | 0.4 | |
| G83.0 | 0.4 | 0.0 | 0.4 | 0.3 | 0.6 | 0.0 | 0.4 | 0.0 | 0.4 | |
| G83.5 | 0.6 | 0.0 | 0.0 | 0.5 | 0.5 | 0.0 | 0.0 | 0.0 | 0.6 | |
| G84.0 | 0.4 | 0.0 | 0.0 | 0.4 | 0.5 | 0.0 | 0.4 | 0.0 | 0.4 | |
| G84.5 | 0.3 | 0.0 | 0.0 | 0.7 | 0.4 | 0.0 | 0.4 | 0.0 | 0.3 | |
| G85.0 | 0.1 | 0.0 | 0.0 | 0.4 | 0.2 | 0.0 | 0.3 | 0.0 | 0.1 | |
| G85.5 | 0.2 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.1 | 0.0 | 0.2 | |
| G86.0 | 0.1 | 0.0 | 0.0 | 0.3 | 0.4 | 0.0 | 0.3 | 0.0 | 0.1 | |
| G86.5 | 0.1 | 0.3 | 0.0 | 0.3 | 0.1 | 0.0 | 0.2 | 0.0 | 0.1 | |
| G87.0 | 0.2 | 0.2 | 0.0 | 0.2 | 0.4 | 0.0 | 0.1 | 0.0 | 0.2 | |
| G87.5 | 0.2 | 0.3 | 0.0 | 0.3 | 0.2 | 0.0 | 0.2 | 0.0 | 0.2 | |
| G88.0 | 0.3 | 0.0 | 0.0 | 0.1 | 0.2 | 0.0 | 0.2 | 0.0 | 0.3 | |
| G88.5 | 0.2 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.3 | 0.0 | 0.2 | |
| G89.0 | 0.1 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.2 | 0.0 | 0.1 | |
| G89.5 | 0.2 | 0.0 | 0.0 | 0.1 | 0.2 | 0.0 | 0.3 | 0.0 | 0.2 | |
| G90.0 | 0.1 | 0.0 | 0.0 | 0.2 | 0.8 | 0.0 | 0.3 | 0.0 | 0.1 | |
| G90.5 | 0.2 | 0.0 | 0.0 | 0.8 | 0.2 | 0.0 | 0.2 | 0.0 | 0.2 | |
| G91.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.2 | 0.0 | 0.0 | |
| G91.5 | 0.1 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.2 | 0.0 | 0.1 | |
| G92.0 | 0.2 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.1 | 0.0 | 0.2 | |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 5)

Unit: cd

| G\C | C0.0 | C45.0 | C90.0 | C135.0 | C180.0 | C225.0 | C270.0 | C315.0 | C360.0 |
|--------|------|-------|-------|--------|--------|--------|--------|--------|--------|
| G92.5 | 0.2 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.1 | 0.0 | 0.2 |
| G93.0 | 0.2 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.2 | 0.0 | 0.2 |
| G93.5 | 0.2 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.1 | 0.0 | 0.2 |
| G94.0 | 0.1 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.3 | 0.0 | 0.1 |
| G94.5 | 0.2 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.2 | 0.0 | 0.2 |
| G95.0 | 0.2 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.1 | 0.0 | 0.2 |
| G95.5 | 0.0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| G96.0 | 0.2 | 0.0 | 0.0 | 0.4 | 0.2 | 0.0 | 0.2 | 0.0 | 0.2 |
| G96.5 | 0.2 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.2 | 0.0 | 0.2 |
| G97.0 | 0.2 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.2 | 0.0 | 0.2 |
| G97.5 | 0.2 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.2 | 0.0 | 0.2 |
| G98.0 | 0.1 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.3 | 0.0 | 0.1 |
| G98.5 | 0.3 | 0.0 | 0.0 | 0.3 | 0.4 | 0.0 | 0.1 | 0.0 | 0.3 |
| G99.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.2 | 0.0 | 0.2 |
| G99.5 | 0.9 | 0.0 | 0.0 | 0.1 | 0.6 | 0.0 | 0.2 | 0.0 | 0.9 |
| G100.0 | 0.3 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.1 | 0.0 | 0.3 |
| G100.5 | 0.3 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.3 | 0.0 | 0.3 |
| G101.0 | 0.2 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.2 | 0.0 | 0.2 |
| G101.5 | 0.2 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.3 | 0.0 | 0.2 |
| G102.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.2 | 0.0 | 0.2 |
| G102.5 | 0.2 | 0.0 | 0.0 | 0.2 | 0.1 | 0.0 | 0.2 | 0.0 | 0.2 |
| G103.0 | 0.1 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.1 | 0.0 | 0.1 |
| G103.5 | 0.2 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.2 | 0.0 | 0.2 |
| G104.0 | 0.2 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.8 | 0.0 | 0.2 |
| G104.5 | 0.1 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.1 | 0.0 | 0.1 |
| G105.0 | 0.2 | 0.0 | 0.0 | 0.2 | 0.1 | 0.0 | 0.2 | 0.0 | 0.2 |
| G105.5 | 0.2 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.2 | 0.0 | 0.2 |
| G106.0 | 0.3 | 0.0 | 0.0 | 0.1 | 0.3 | 0.0 | 0.2 | 0.0 | 0.3 |
| G106.5 | 0.3 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.3 | 0.0 | 0.3 |
| G107.0 | 0.3 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.3 | 0.0 | 0.3 |
| G107.5 | 0.3 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.6 | 0.3 | 0.3 |
| G108.0 | 0.3 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.3 | 0.3 | 0.3 |
| G108.5 | 0.3 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.3 | 0.1 | 0.3 |
| G109.0 | 0.6 | 0.0 | 0.0 | 0.2 | 0.1 | 0.0 | 0.2 | 0.7 | 0.6 |
| G109.5 | 0.1 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.3 | 0.2 | 0.1 |
| G110.0 | 0.2 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.2 | 0.2 | 0.2 |
| G110.5 | 0.3 | 0.0 | 0.0 | 0.3 | 0.1 | 0.0 | 0.2 | 0.3 | 0.3 |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 6)

Unit: cd

| G\C | C0.0 | C45.0 | C90.0 | C135.0 | C180.0 | C225.0 | C270.0 | C315.0 | C360.0 | |
|--------|------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G111.0 | 0.1 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.1 | 0.3 | 0.1 | |
| G111.5 | 0.3 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.1 | 0.4 | 0.3 | |
| G112.0 | 0.2 | 0.0 | 0.0 | 0.4 | 0.2 | 0.0 | 0.2 | 0.0 | 0.2 | |
| G112.5 | 0.1 | 0.0 | 0.0 | 0.1 | 0.2 | 0.0 | 0.1 | 0.0 | 0.1 | |
| G113.0 | 0.3 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.2 | 0.0 | 0.3 | |
| G113.5 | 0.3 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.2 | 0.0 | 0.3 | |
| G114.0 | 0.3 | 0.0 | 0.0 | 0.1 | 0.8 | 0.0 | 0.0 | 0.0 | 0.3 | |
| G114.5 | 0.8 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.2 | 0.0 | 0.8 | |
| G115.0 | 0.3 | 0.0 | 0.0 | 0.8 | 0.1 | 0.0 | 0.2 | 0.0 | 0.3 | |
| G115.5 | 0.2 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.5 | 0.0 | 0.2 | |
| G116.0 | 0.1 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.1 | 0.0 | 0.1 | |
| G116.5 | 0.3 | 0.0 | 0.0 | 0.1 | 0.5 | 0.0 | 0.2 | 0.0 | 0.3 | |
| G117.0 | 0.3 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.3 | 0.3 | 0.3 | |
| G117.5 | 0.1 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.2 | 0.3 | 0.1 | |
| G118.0 | 0.4 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.2 | 0.1 | 0.4 | |
| G118.5 | 0.2 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.3 | 0.2 | 0.2 | |
| G119.0 | 0.2 | 0.0 | 0.0 | 0.1 | 0.2 | 0.0 | 0.1 | 0.3 | 0.2 | |
| G119.5 | 0.3 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.3 | 0.1 | 0.3 | |
| G120.0 | 0.3 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.3 | 0.0 | 0.3 | |
| G120.5 | 0.6 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.1 | 0.0 | 0.6 | |
| G121.0 | 0.2 | 0.0 | 0.0 | 0.2 | 0.2 | 0.0 | 0.3 | 0.0 | 0.2 | |
| G121.5 | 0.3 | 0.0 | 0.0 | 0.3 | 0.1 | 0.0 | 0.2 | 0.0 | 0.3 | |
| G122.0 | 0.3 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.1 | 0.0 | 0.3 | |
| G122.5 | 0.1 | 0.0 | 0.0 | 0.4 | 0.2 | 0.0 | 0.2 | 0.0 | 0.1 | |
| G123.0 | 0.3 | 0.0 | 0.0 | 0.3 | 0.1 | 0.0 | 0.3 | 0.0 | 0.3 | |
| G123.5 | 0.3 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.6 | 0.0 | 0.3 | |
| G124.0 | 0.1 | 0.0 | 0.0 | 0.1 | 0.3 | 0.0 | 0.2 | 0.0 | 0.1 | |
| G124.5 | 0.3 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.3 | 0.0 | 0.3 | |
| G125.0 | 0.2 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.3 | 0.0 | 0.2 | |
| G125.5 | 0.3 | 0.0 | 0.0 | 0.1 | 0.2 | 0.0 | 0.3 | 0.0 | 0.3 | |
| G126.0 | 0.5 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.3 | 0.3 | 0.5 | |
| G126.5 | 0.3 | 0.0 | 0.0 | 0.3 | 0.6 | 0.0 | 0.3 | 0.3 | 0.3 | |
| G127.0 | 0.3 | 0.0 | 0.0 | 0.4 | 0.2 | 0.0 | 0.2 | 0.3 | 0.3 | |
| G127.5 | 0.4 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.2 | 0.4 | 0.4 | |
| G128.0 | 0.3 | 0.0 | 0.0 | 0.3 | 0.1 | 0.0 | 0.3 | 0.3 | 0.3 | |
| G128.5 | 0.3 | 0.0 | 0.0 | 0.1 | 0.2 | 0.0 | 0.1 | 0.2 | 0.3 | |
| G129.0 | 0.1 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.3 | 0.1 | 0.1 | |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 7)

Unit: cd

| G\C | C0.0 | C45.0 | C90.0 | C135.0 | C180.0 | C225.0 | C270.0 | C315.0 | C360.0 |
|--------|------|-------|-------|--------|--------|--------|--------|--------|--------|
| G129.5 | 0.3 | 0.0 | 0.0 | 0.3 | 0.1 | 0.0 | 0.3 | 0.0 | 0.3 |
| G130.0 | 0.3 | 0.0 | 0.0 | 0.3 | 0.1 | 0.0 | 0.1 | 0.0 | 0.3 |
| G130.5 | 0.1 | 0.0 | 0.0 | 0.1 | 0.3 | 0.0 | 0.3 | 0.0 | 0.1 |
| G131.0 | 0.8 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.8 | 0.0 | 0.8 |
| G131.5 | 0.3 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.1 | 0.0 | 0.3 |
| G132.0 | 0.8 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.3 | 0.0 | 0.8 |
| G132.5 | 0.3 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.4 | 0.0 | 0.3 |
| G133.0 | 0.3 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.4 | 0.0 | 0.3 |
| G133.5 | 0.3 | 0.0 | 0.0 | 0.5 | 0.2 | 0.0 | 0.3 | 0.0 | 0.3 |
| G134.0 | 0.3 | 0.0 | 0.0 | 0.4 | 0.3 | 0.0 | 0.3 | 0.0 | 0.3 |
| G134.5 | 0.3 | 0.0 | 0.0 | 0.3 | 0.4 | 0.0 | 0.3 | 0.0 | 0.3 |
| G135.0 | 0.3 | 0.0 | 0.0 | 0.3 | 0.2 | 0.0 | 0.3 | 0.0 | 0.3 |
| G135.5 | 0.2 | 0.0 | 0.0 | 0.5 | 0.5 | 0.0 | 0.3 | 0.0 | 0.2 |
| G136.0 | 0.4 | 0.0 | 0.0 | 0.1 | 0.1 | 0.0 | 0.7 | 0.0 | 0.4 |
| G136.5 | 0.4 | 0.0 | 0.1 | 0.4 | 0.3 | 0.0 | 0.3 | 0.0 | 0.4 |
| G137.0 | 0.1 | 0.0 | 0.2 | 0.2 | 0.4 | 0.0 | 0.3 | 0.0 | 0.1 |
| G137.5 | 0.4 | 0.0 | 0.2 | 0.3 | 0.1 | 0.0 | 0.3 | 0.0 | 0.4 |
| G138.0 | 0.4 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.1 | 0.0 | 0.4 |
| G138.5 | 0.4 | 0.0 | 0.0 | 0.1 | 0.3 | 0.0 | 0.0 | 0.0 | 0.4 |
| G139.0 | 0.3 | 0.0 | 0.0 | 0.4 | 0.3 | 0.0 | 0.0 | 0.0 | 0.3 |
| G139.5 | 0.4 | 0.0 | 0.0 | 0.3 | 0.4 | 0.0 | 0.0 | 0.0 | 0.4 |
| G140.0 | 0.4 | 0.0 | 0.0 | 0.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.4 |
| G140.5 | 0.5 | 0.0 | 0.0 | 0.4 | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 |
| G141.0 | 0.4 | 0.0 | 0.0 | 0.3 | 0.3 | 0.0 | 0.0 | 0.0 | 0.4 |
| G141.5 | 0.4 | 0.0 | 0.0 | 0.3 | 0.4 | 0.0 | 0.1 | 0.0 | 0.4 |
| G142.0 | 0.2 | 0.0 | 0.0 | 0.4 | 0.3 | 0.0 | 0.4 | 0.0 | 0.2 |
| G142.5 | 0.4 | 0.0 | 0.0 | 0.4 | 0.2 | 0.0 | 0.3 | 0.0 | 0.4 |
| G143.0 | 0.4 | 0.0 | 0.0 | 0.4 | 0.4 | 0.0 | 0.4 | 0.0 | 0.4 |
| G143.5 | 0.3 | 0.0 | 0.0 | 0.2 | 0.5 | 0.0 | 0.5 | 0.0 | 0.3 |
| G144.0 | 0.5 | 0.0 | 0.0 | 0.4 | 0.2 | 0.0 | 1.0 | 0.0 | 0.5 |
| G144.5 | 0.5 | 0.0 | 0.0 | 0.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.5 |
| G145.0 | 0.2 | 0.0 | 0.0 | 0.3 | 0.5 | 0.0 | 0.0 | 0.0 | 0.2 |
| G145.5 | 0.6 | 0.0 | 0.0 | 0.4 | 0.4 | 0.0 | 0.0 | 0.0 | 0.6 |
| G146.0 | 0.5 | 0.0 | 0.0 | 0.5 | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 |
| G146.5 | 0.5 | 0.0 | 0.0 | 0.6 | 0.5 | 0.0 | 0.0 | 0.0 | 0.5 |
| G147.0 | 0.7 | 0.0 | 0.0 | 0.5 | 0.5 | 0.0 | 0.0 | 0.0 | 0.7 |
| G147.5 | 0.6 | 0.0 | 0.0 | 0.5 | 0.7 | 0.0 | 0.6 | 0.0 | 0.6 |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

| G\C | C0.0 | C45.0 | C90.0 | C135.0 | C180.0 | C225.0 | C270.0 | C315.0 | C360.0 | |
|--------|------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G148.0 | 0.6 | 0.0 | 0.0 | 0.6 | 0.6 | 0.0 | 0.6 | 0.0 | 0.6 | |
| G148.5 | 0.6 | 0.0 | 0.0 | 0.6 | 0.6 | 0.0 | 0.7 | 0.0 | 0.6 | |
| G149.0 | 0.6 | 0.0 | 0.0 | 0.6 | 0.5 | 0.0 | 0.0 | 0.0 | 0.6 | |
| G149.5 | 1.0 | 0.0 | 0.0 | 0.7 | 0.7 | 0.0 | 0.0 | 0.0 | 1.0 | |
| G150.0 | 0.6 | 0.0 | 0.0 | 0.5 | 0.7 | 0.0 | 0.0 | 0.0 | 0.6 | |
| G150.5 | 0.4 | 0.0 | 0.0 | 0.7 | 0.5 | 0.0 | 0.0 | 0.0 | 0.4 | |
| G151.0 | 0.8 | 0.0 | 0.0 | 0.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.8 | |
| G151.5 | 1.0 | 0.0 | 0.0 | 0.6 | 0.8 | 0.0 | 0.0 | 0.0 | 1.0 | |
| G152.0 | 0.9 | 0.0 | 0.0 | 0.8 | 0.6 | 0.0 | 0.3 | 0.0 | 0.9 | |
| G152.5 | 0.9 | 0.0 | 0.0 | 0.9 | 0.8 | 0.0 | 0.9 | 0.0 | 0.9 | |
| G153.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.9 | 0.0 | 0.9 | 0.0 | 1.0 | |
| G153.5 | 1.1 | 0.0 | 0.0 | 0.8 | 0.9 | 0.0 | 0.8 | 0.0 | 1.1 | |
| G154.0 | 0.9 | 0.0 | 0.0 | 0.9 | 0.9 | 0.0 | 0.0 | 0.0 | 0.9 | |
| G154.5 | 1.0 | 0.0 | 0.0 | 0.9 | 0.9 | 0.0 | 0.0 | 0.0 | 1.0 | |
| G155.0 | 1.1 | 0.0 | 0.0 | 1.1 | 1.0 | 0.0 | 0.0 | 0.0 | 1.1 | |
| G155.5 | 1.2 | 0.0 | 0.9 | 1.0 | 1.1 | 0.0 | 0.0 | 0.0 | 1.2 | |
| G156.0 | 1.2 | 0.0 | 1.0 | 0.7 | 1.1 | 0.0 | 0.0 | 0.0 | 1.2 | |
| G156.5 | 1.0 | 0.0 | 1.1 | 1.1 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | |
| G157.0 | 1.3 | 0.0 | 0.9 | 1.1 | 0.9 | 0.0 | 0.0 | 0.0 | 1.3 | |
| G157.5 | 1.3 | 0.0 | 1.1 | 1.1 | 1.1 | 0.0 | 0.0 | 0.0 | 1.3 | |
| G158.0 | 1.2 | 0.0 | 1.1 | 1.0 | 1.1 | 0.0 | 0.0 | 0.0 | 1.2 | |
| G158.5 | 1.4 | 0.0 | 1.1 | 1.6 | 1.0 | 0.0 | 0.0 | 0.0 | 1.4 | |
| G159.0 | 1.4 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | |
| G159.5 | 1.4 | 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | |
| G160.0 | 1.5 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 1.4 | 0.0 | 1.5 | |
| G160.5 | 1.5 | 0.0 | 0.0 | 1.4 | 1.4 | 0.0 | 1.4 | 0.0 | 1.5 | |
| G161.0 | 1.5 | 0.0 | 0.0 | 1.4 | 1.3 | 0.0 | 1.4 | 0.0 | 1.5 | |
| G161.5 | 1.5 | 0.0 | 0.0 | 1.5 | 1.4 | 0.0 | 1.4 | 0.0 | 1.5 | |
| G162.0 | 1.5 | 0.0 | 0.0 | 1.5 | 1.4 | 0.0 | 1.8 | 0.0 | 1.5 | |
| G162.5 | 1.8 | 0.1 | 0.1 | 1.5 | 1.4 | 0.0 | 1.9 | 0.0 | 1.8 | |
| G163.0 | 1.5 | 0.1 | 0.1 | 1.5 | 1.4 | 0.0 | 0.0 | 0.0 | 1.5 | |
| G163.5 | 1.6 | 0.0 | 0.1 | 1.5 | 1.4 | 0.0 | 0.0 | 0.0 | 1.6 | |
| G164.0 | 1.6 | 0.1 | 0.1 | 1.5 | 1.5 | 0.0 | 0.0 | 0.0 | 1.6 | |
| G164.5 | 1.4 | 0.1 | 0.1 | 1.4 | 1.4 | 0.0 | 0.9 | 0.0 | 1.4 | |
| G165.0 | 1.9 | 0.0 | 0.1 | 1.7 | 1.2 | 0.0 | 1.5 | 0.0 | 1.9 | |
| G165.5 | 1.5 | 0.1 | 0.1 | 1.5 | 1.4 | 0.0 | 1.5 | 0.0 | 1.5 | |
| G166.0 | 1.6 | 0.1 | 0.1 | 1.4 | 1.4 | 0.0 | 1.3 | 0.0 | 1.6 | |

C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

| G\C | C0.0 | C45.0 | C90.0 | C135.0 | C180.0 | C225.0 | C270.0 | C315.0 | C360.0 |
|--------|------|-------|-------|--------|--------|--------|--------|--------|--------|
| G166.5 | 1.7 | 0.1 | 0.1 | 1.5 | 1.3 | 0.0 | 1.2 | 0.0 | 1.7 |
| G167.0 | 2.1 | 0.1 | 0.1 | 1.7 | 1.4 | 0.0 | 1.2 | 0.0 | 2.1 |
| G167.5 | 1.6 | 0.1 | 0.1 | 1.6 | 1.5 | 0.0 | 1.2 | 0.0 | 1.6 |
| G168.0 | 1.6 | 0.1 | 0.0 | 1.6 | 1.4 | 0.0 | 0.0 | 0.0 | 1.6 |
| G168.5 | 1.6 | 0.1 | 0.1 | 1.6 | 1.7 | 0.0 | 0.0 | 0.0 | 1.6 |
| G169.0 | 1.6 | 0.1 | 0.1 | 1.5 | 1.3 | 0.0 | 0.0 | 0.0 | 1.6 |
| G169.5 | 1.4 | 0.1 | 0.0 | 1.6 | 1.4 | 0.0 | 0.0 | 0.0 | 1.4 |
| G170.0 | 1.2 | 0.1 | 0.1 | 1.5 | 1.3 | 0.0 | 0.0 | 0.0 | 1.2 |
| G170.5 | 1.5 | 0.0 | 0.1 | 1.5 | 1.3 | 0.0 | 0.0 | 0.0 | 1.5 |
| G171.0 | 1.4 | 0.0 | 1.3 | 1.3 | 1.3 | 0.0 | 1.3 | 0.0 | 1.4 |
| G171.5 | 1.5 | 0.0 | 1.4 | 1.5 | 0.0 | 0.0 | 1.3 | 0.0 | 1.5 |
| G172.0 | 1.5 | 0.0 | 1.4 | 1.5 | 0.0 | 0.0 | 1.5 | 0.0 | 1.5 |
| G172.5 | 1.5 | 0.0 | 1.4 | 1.3 | 0.0 | 0.0 | 1.3 | 0.0 | 1.5 |
| G173.0 | 1.5 | 0.0 | 1.2 | 1.0 | 1.3 | 0.0 | 1.3 | 0.0 | 1.5 |
| G173.5 | 1.4 | 0.0 | 1.3 | 1.4 | 1.2 | 0.0 | 0.0 | 0.0 | 1.4 |
| G174.0 | 1.4 | 0.0 | 1.2 | 1.4 | 1.3 | 0.0 | 0.0 | 0.0 | 1.4 |
| G174.5 | 1.4 | 0.0 | 0.0 | 1.4 | 1.2 | 0.0 | 1.2 | 0.0 | 1.4 |
| G175.0 | 1.4 | 0.0 | 0.0 | 1.5 | 1.0 | 0.0 | 1.2 | 0.0 | 1.4 |
| G175.5 | 1.4 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 1.1 | 1.4 |
| G176.0 | 1.3 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 1.4 | 1.3 |
| G176.5 | 1.3 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 1.1 | 1.3 |
| G177.0 | 1.3 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 1.1 | 1.3 |
| G177.5 | 1.2 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.0 | 1.2 |
| G178.0 | 1.2 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 1.0 | 1.2 |
| G178.5 | 1.1 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 |
| G179.0 | 1.3 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 1.0 | 1.3 |
| G179.5 | 1.2 | 0.0 | 1.0 | 0.9 | 0.0 | 0.0 | 1.2 | 0.9 | 1.2 |
| G180.0 | 1.2 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 1.1 | 0.9 | 1.2 |
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C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:0.5
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector: