

Report No.:

Test Time: 2021/12/3 14:49

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MS-MR16-3B 5W

Power: 4.22 W

Photometric Results

IES Classification: Type I

Total Rated Lamp Lumens: 417.1 lm

Efficiency: 100%

Upward Ratio: 1%

Central Intensity: 669.12 cd

Pos of Max. Intensity: H180 V1

Longitudinal Classification: Very Short

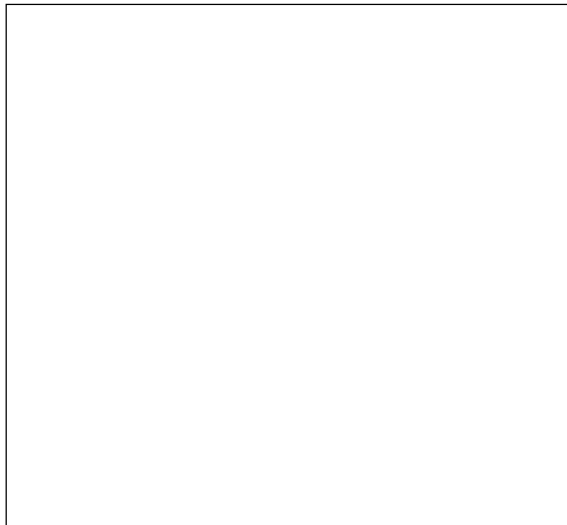
Measurement Flux: 417.1 lm

Downward Ratio: 99%

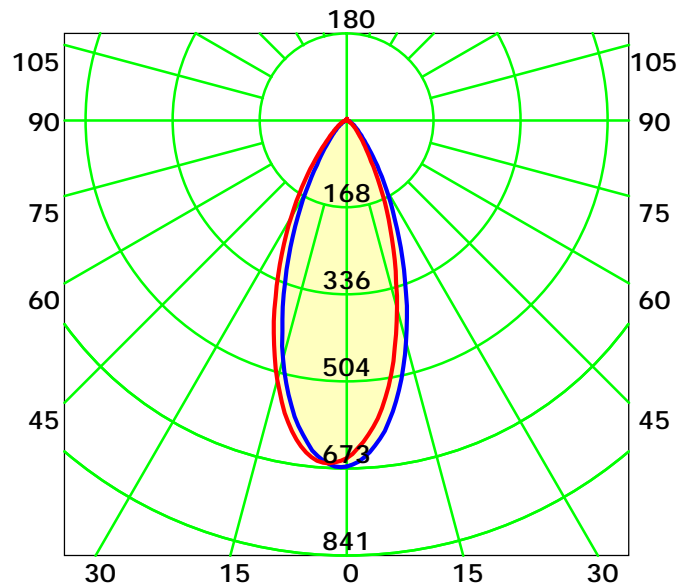
Luminaire Efficacy Rating (LER): 99

Max. Intensity: 670.6 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 40.8° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0: 1.0

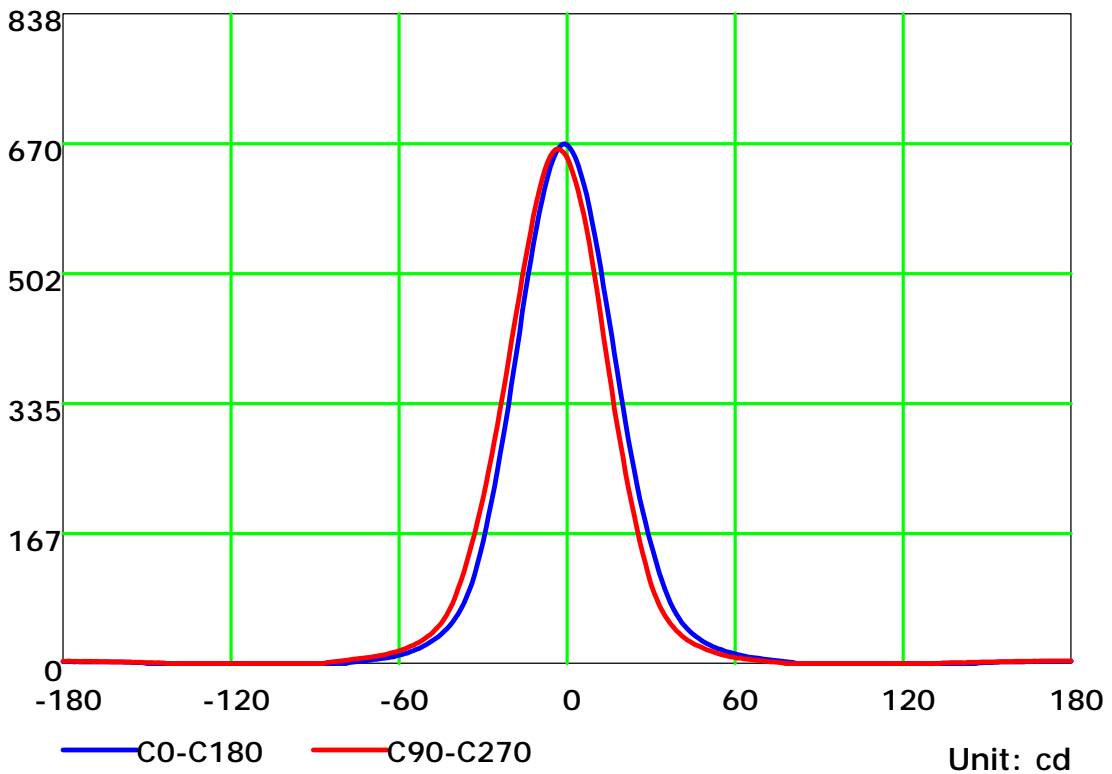
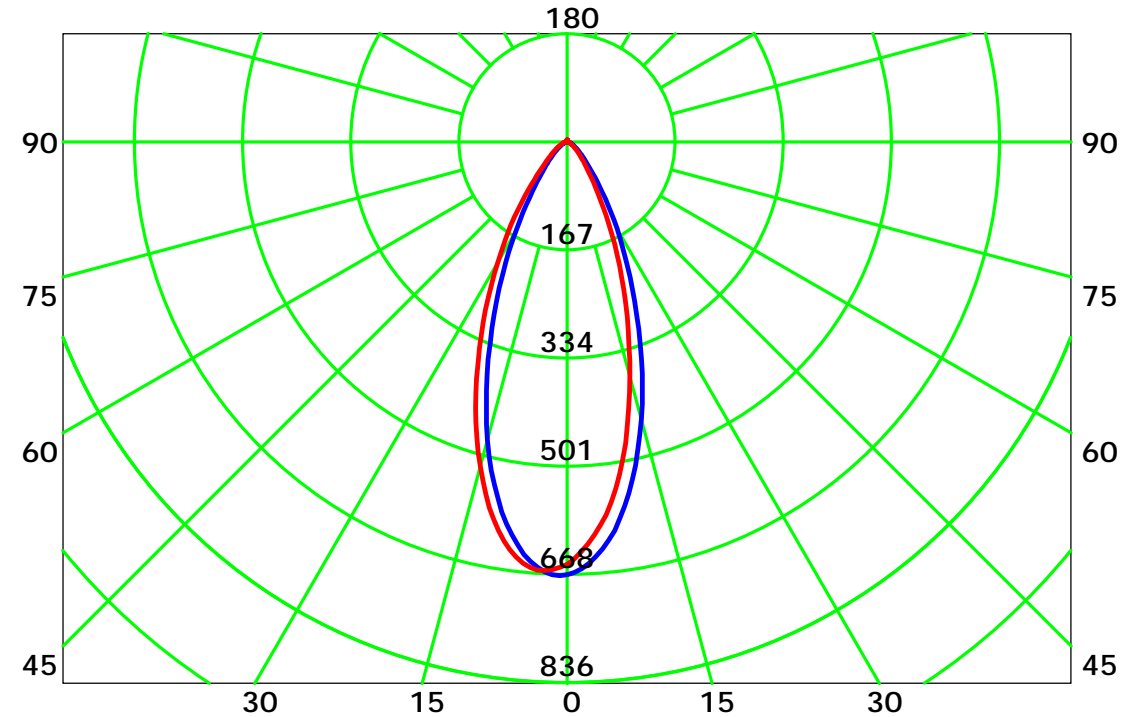
Test Device:

Distance:

Humidity:

Inspector:

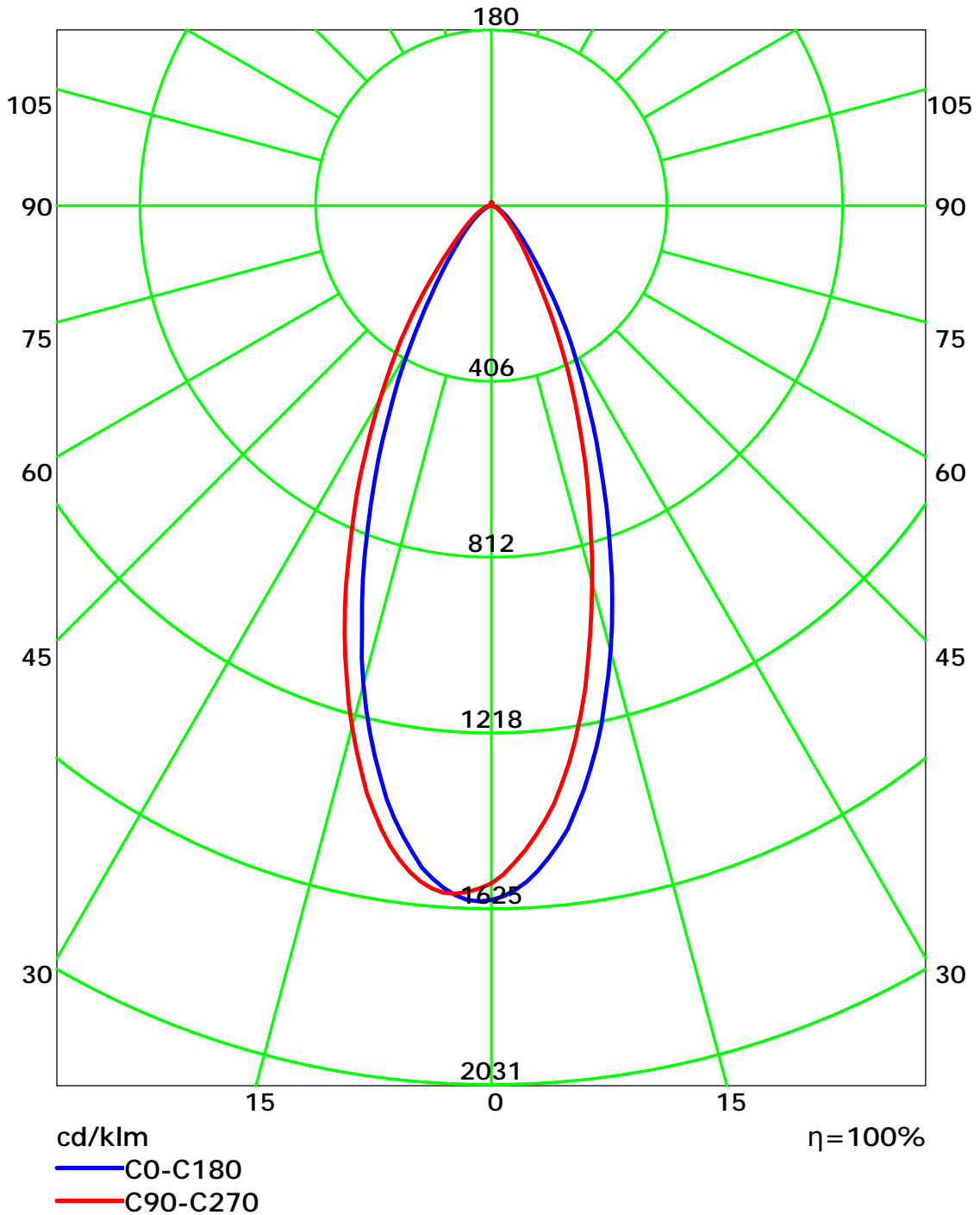
Luminous Intensity Distribution Curve



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



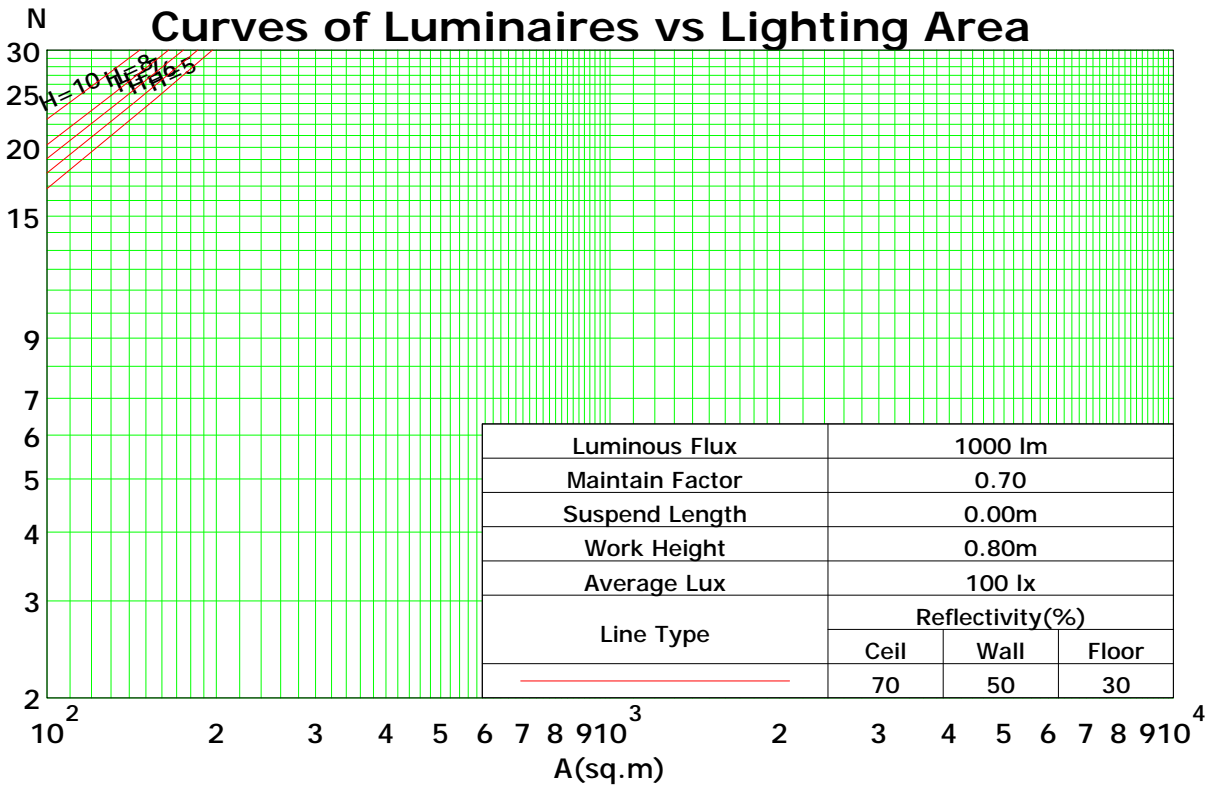
C Plane (°):0.0-360.0: 45.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device:
Distance:
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 | 101 | 101 | 101 | 99 |
| 1 | 113 | 110 | 108 | 105 | 110 | 108 | 106 | 103 | 104 | 102 | 100 | 100 | 98 | 97 | 96 | 95 | 94 | 92 |
| 2 | 107 | 102 | 98 | 94 | 105 | 100 | 96 | 93 | 97 | 94 | 91 | 94 | 91 | 89 | 91 | 89 | 87 | 85 |
| 3 | 102 | 95 | 90 | 86 | 99 | 93 | 89 | 85 | 91 | 87 | 83 | 88 | 85 | 82 | 86 | 83 | 81 | 79 |
| 4 | 96 | 89 | 83 | 79 | 95 | 87 | 82 | 78 | 85 | 81 | 77 | 83 | 79 | 76 | 81 | 78 | 75 | 74 |
| 5 | 92 | 83 | 77 | 73 | 90 | 82 | 76 | 72 | 80 | 75 | 72 | 78 | 74 | 71 | 77 | 73 | 70 | 69 |
| 6 | 87 | 78 | 72 | 68 | 86 | 77 | 72 | 67 | 76 | 71 | 67 | 74 | 70 | 66 | 73 | 69 | 66 | 64 |
| 7 | 83 | 74 | 68 | 63 | 82 | 73 | 67 | 63 | 72 | 66 | 63 | 70 | 66 | 62 | 69 | 65 | 62 | 61 |
| 8 | 79 | 70 | 64 | 59 | 78 | 69 | 63 | 59 | 68 | 63 | 59 | 67 | 62 | 59 | 66 | 62 | 58 | 57 |
| 9 | 76 | 66 | 60 | 56 | 74 | 65 | 60 | 56 | 64 | 59 | 56 | 64 | 59 | 56 | 63 | 58 | 55 | 54 |
| 10 | 72 | 63 | 57 | 53 | 71 | 62 | 57 | 53 | 61 | 56 | 53 | 61 | 56 | 53 | 60 | 56 | 53 | 51 |

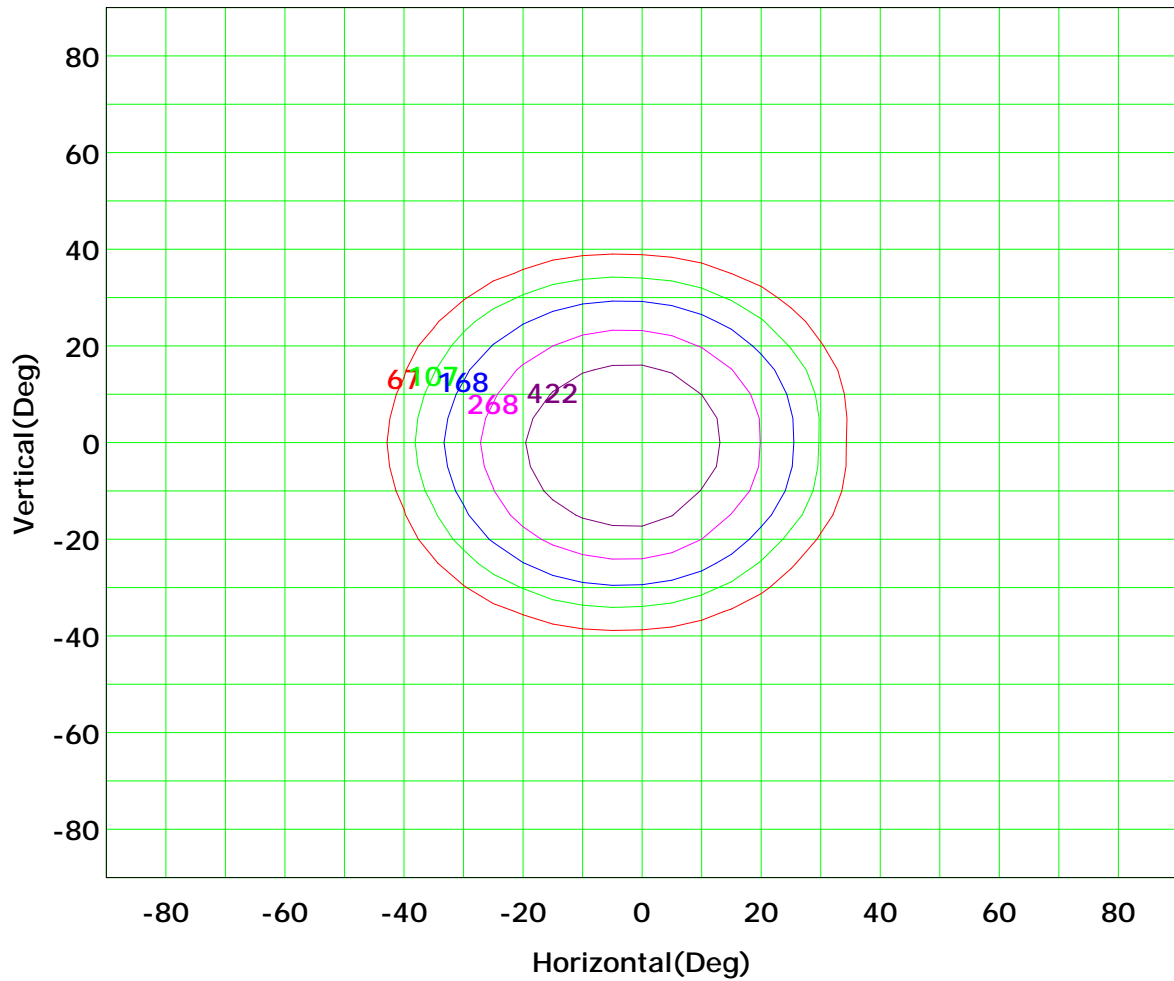
Spacing Criteria (0-180): 0.65
 Spacing Criteria (90-270): 0.65
 Spacing Criteria (Diagonal): 0.68



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

Isocandela (rectangle)



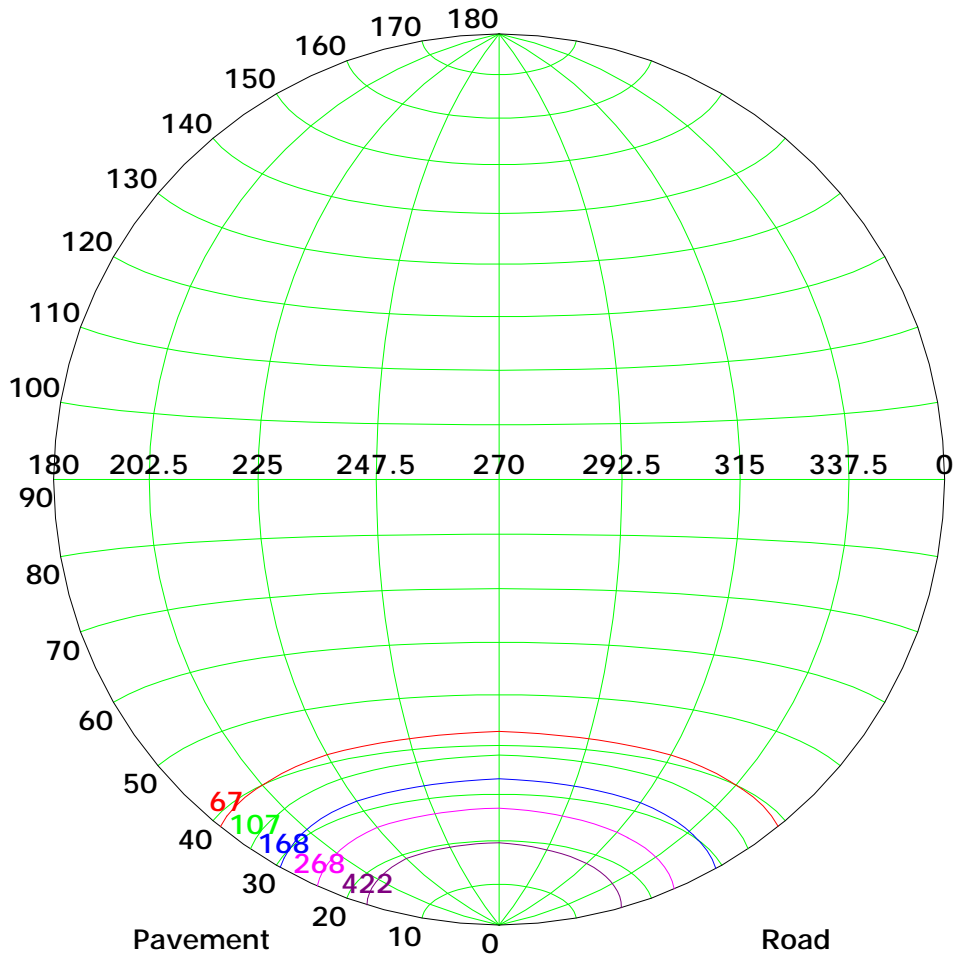
Imax (100%): 671 cd

| | | | |
|-----------|--------|-----------|--------|
| — (10%): | 67 cd | — (16%): | 107 cd |
| — (25%): | 168 cd | — (40%): | 268 cd |
| — (63%): | 422 cd | — (100%): | 671 cd |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

Isocandela (sphere)



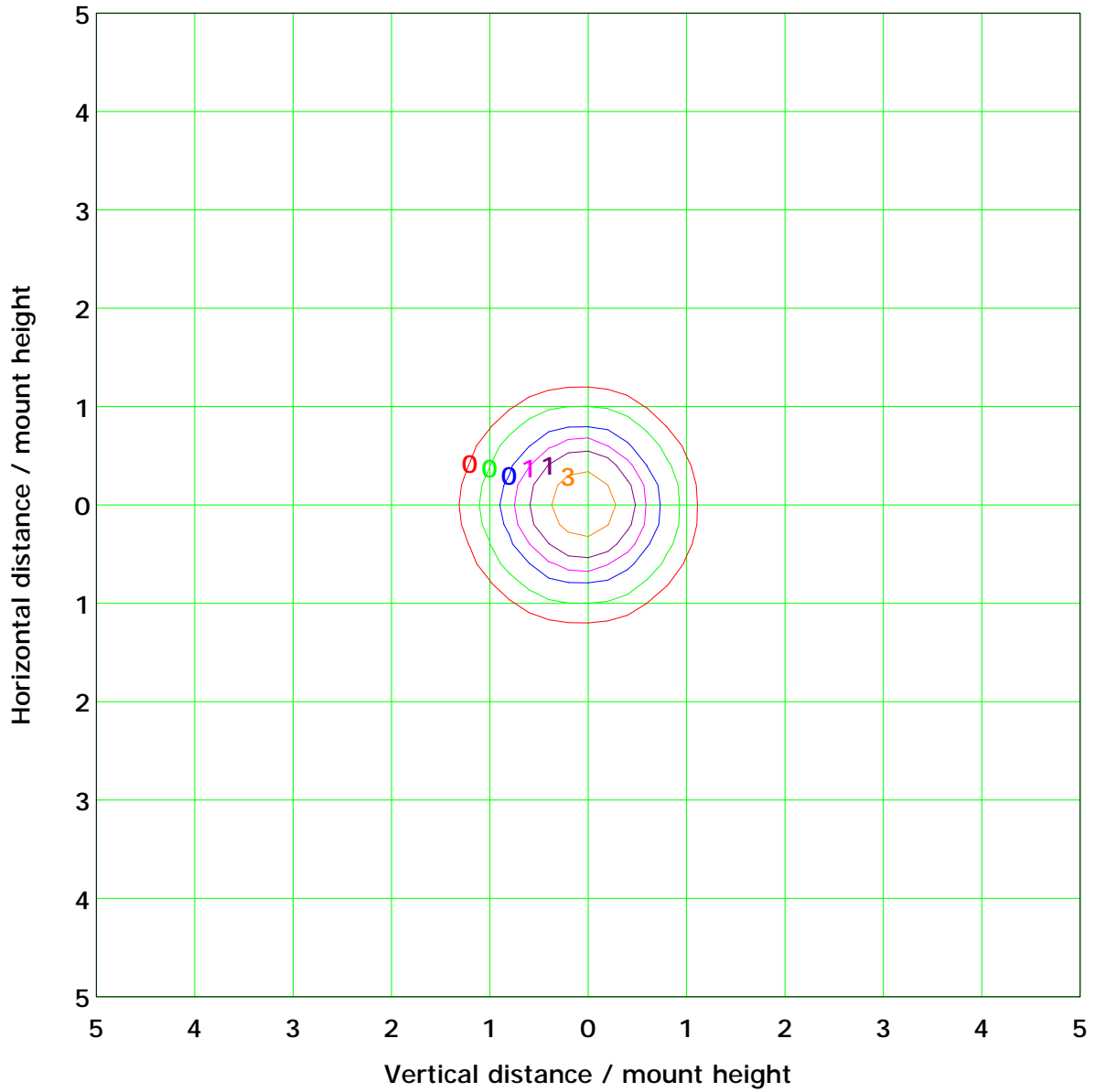
Imax (100%): 671 cd

| | | | |
|-----------|--------|-----------|--------|
| — (10%): | 67 cd | — (16%): | 107 cd |
| — (25%): | 168 cd | — (40%): | 268 cd |
| — (63%): | 422 cd | — (100%): | 671 cd |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

IsoLux Plot



Mounting Height: 10.0m Max Lux(100%): 6.7 lx

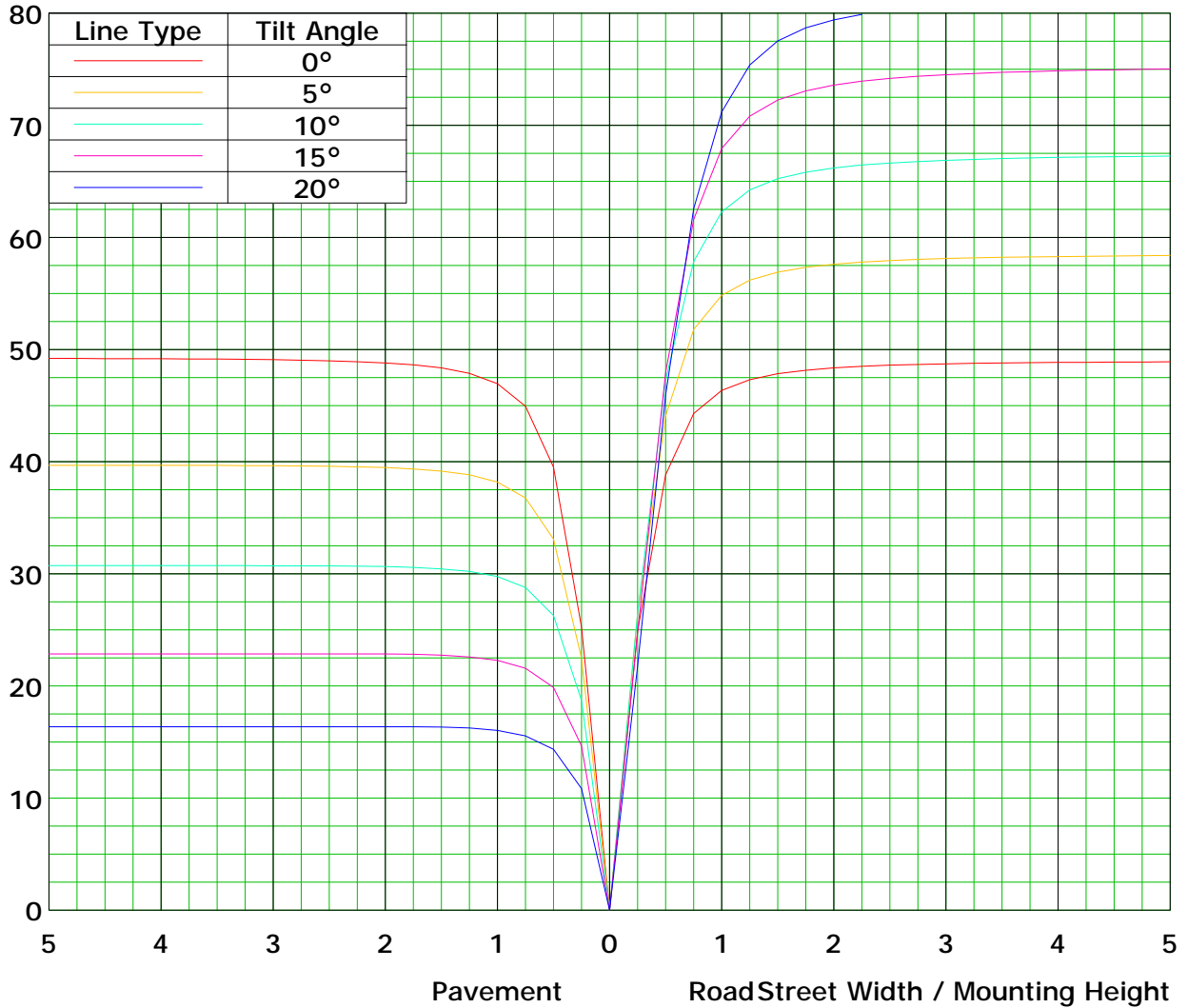
| | |
|----------------|----------------|
| (1%): 0.1 lx | (2%): 0.1 lx |
| (5%): 0.3 lx | (10%): 0.7 lx |
| (20%): 1.3 lx | (50%): 3.4 lx |
| (100%): 6.7 lx | |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)



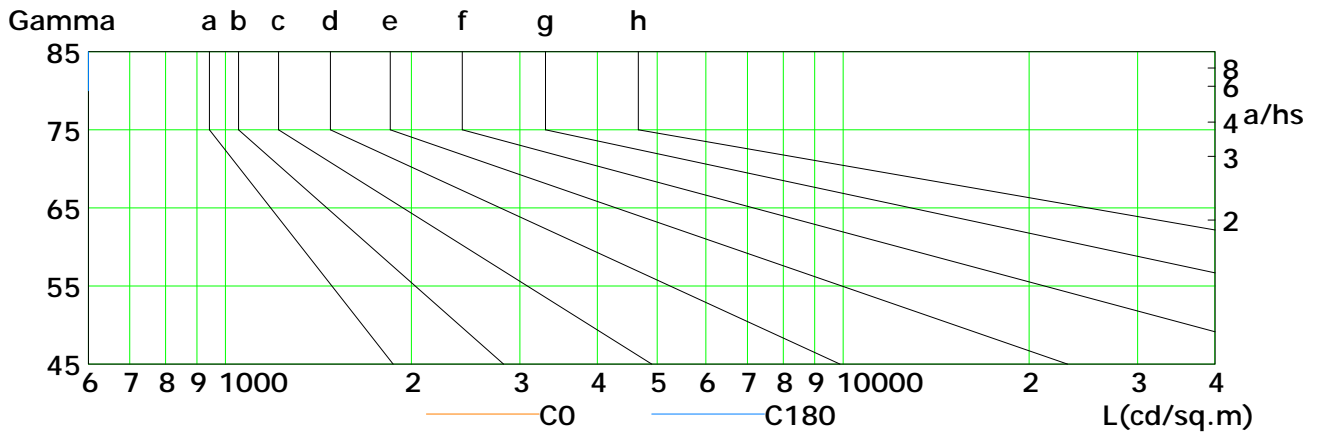
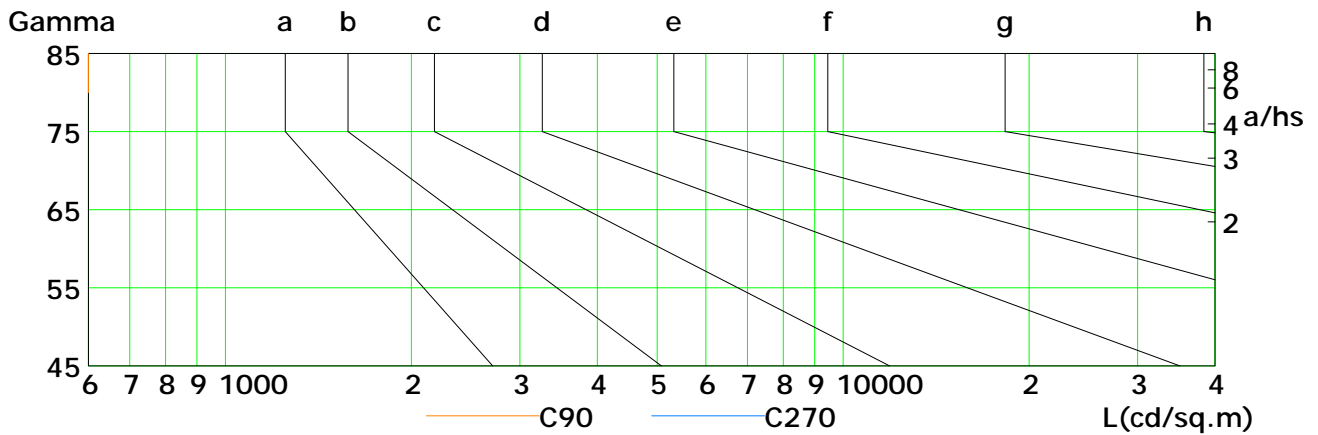
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 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

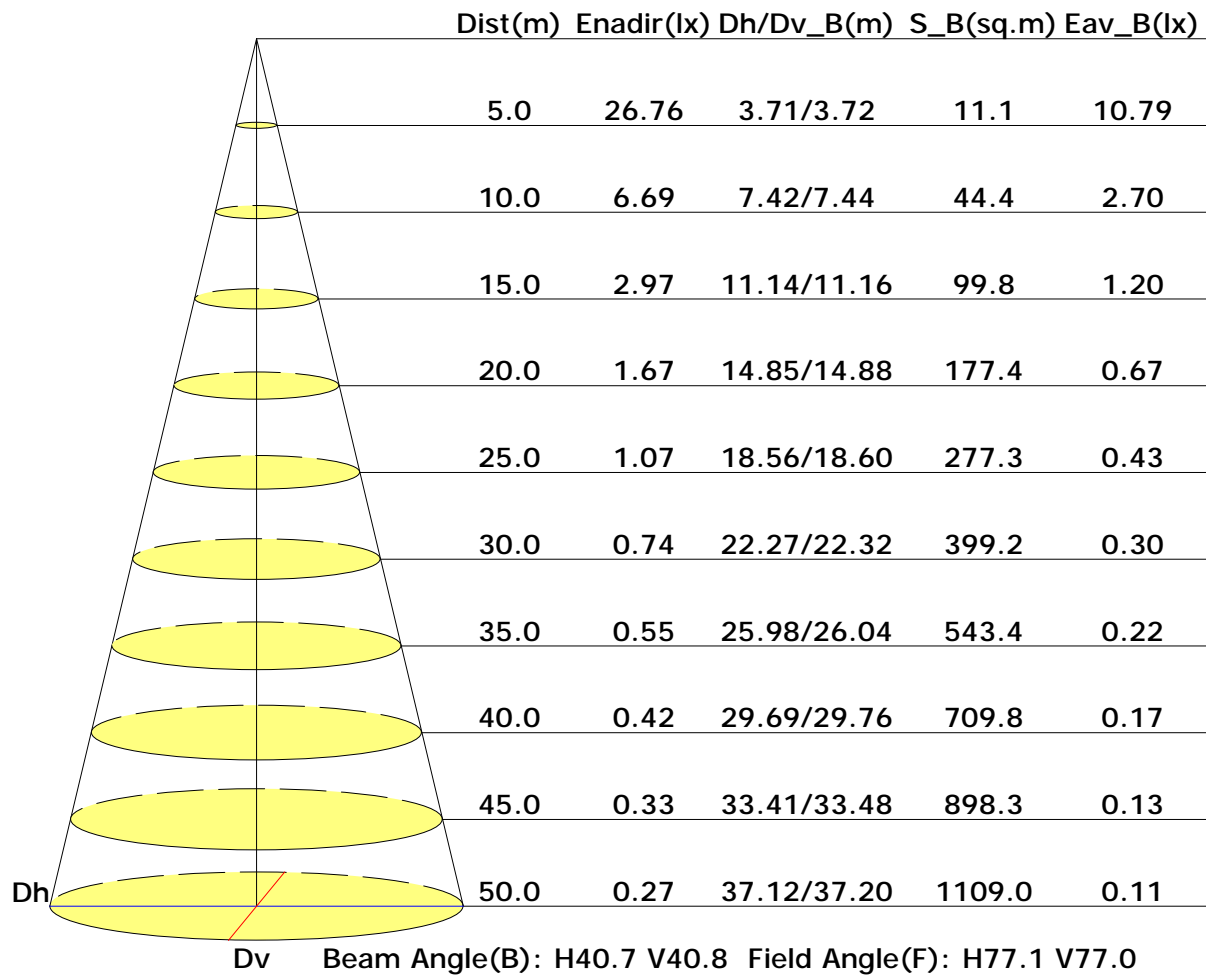


| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| C0 | 38 | 26 | 18 | 13 | 9 | 6 | 4 | 2 | 0 |
| C90 | 26 | 18 | 12 | 8 | 6 | 4 | 2 | 0 | 0 |
| C180 | 38 | 26 | 17 | 11 | 7 | 5 | 3 | 0 | 0 |
| C270 | 52 | 35 | 24 | 17 | 12 | 9 | 6 | 4 | 2 |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

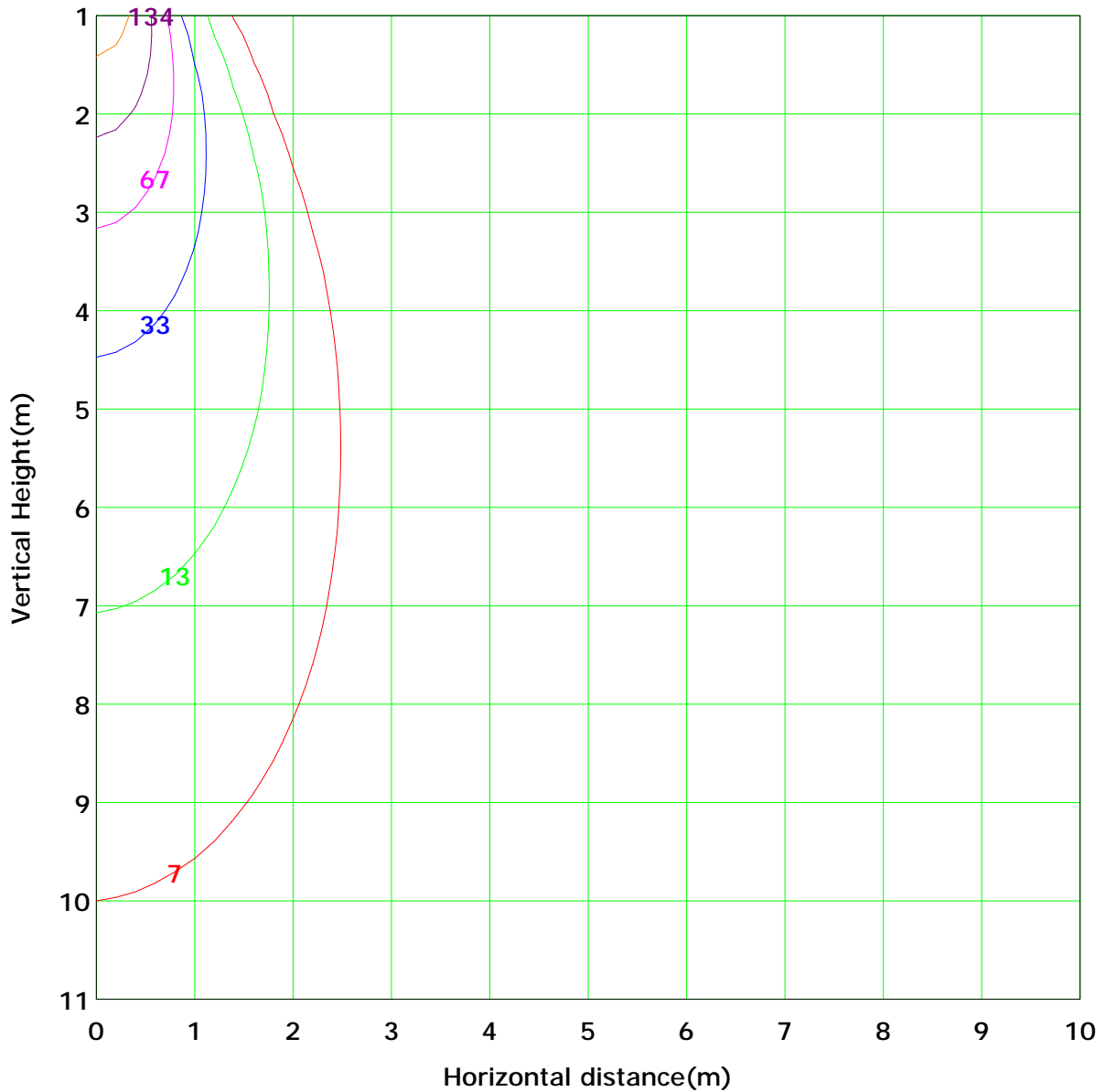
Illuminance at a Distance



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

Gamma Plane (°):0.0-180.0: 1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

Vertical IsoLux Plot

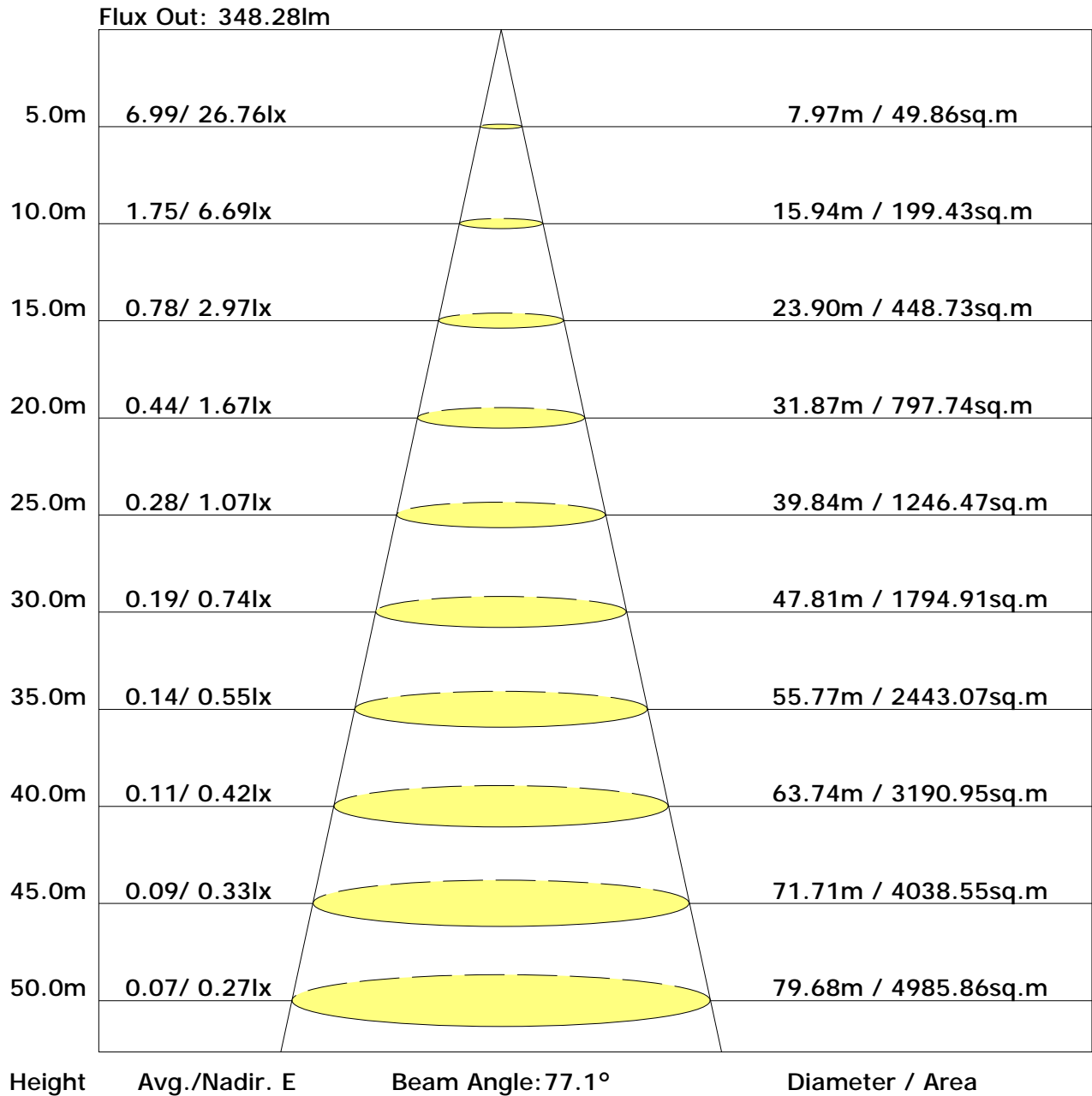


| | | |
|------------------|-------------------|-------------------|
| Lowest(m): 1.0m | Highest(m): 11.0m | Max Lux: 669.1 lx |
| (1%): 6.7 lx | (2%): 13.4 lx | |
| (5%): 33.5 lx | (10%): 66.9 lx | |
| (20%): 133.8 lx | (50%): 334.6 lx | |
| (100%): 669.1 lx | | |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

The Average Illuminance Effective Figure



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

UGR Table

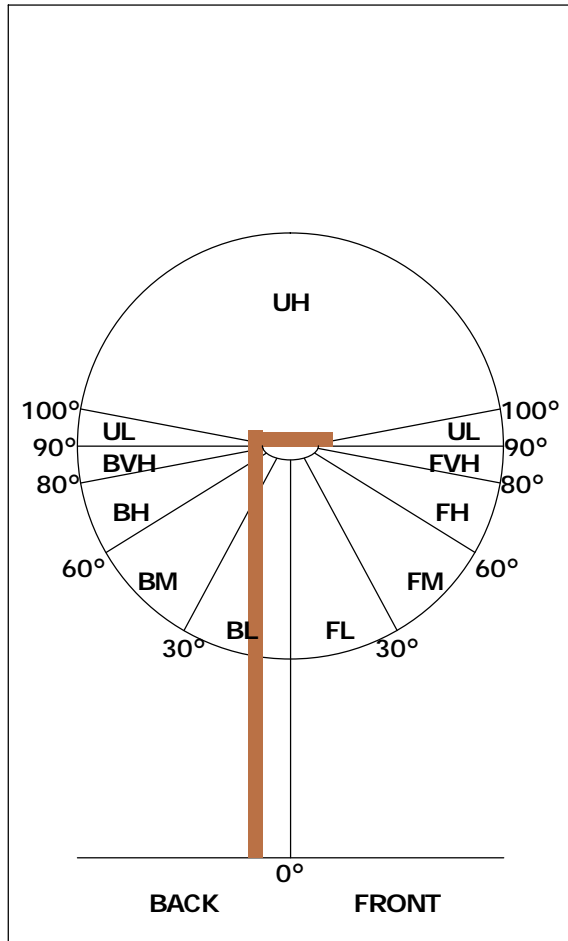
| | | | | | | | | | | |
|------------------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Reflectance: | | | | | | | | | | |
| Ceiling (cavity) | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 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.\$ |

Calculate in accordance with CIE 190:2010

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



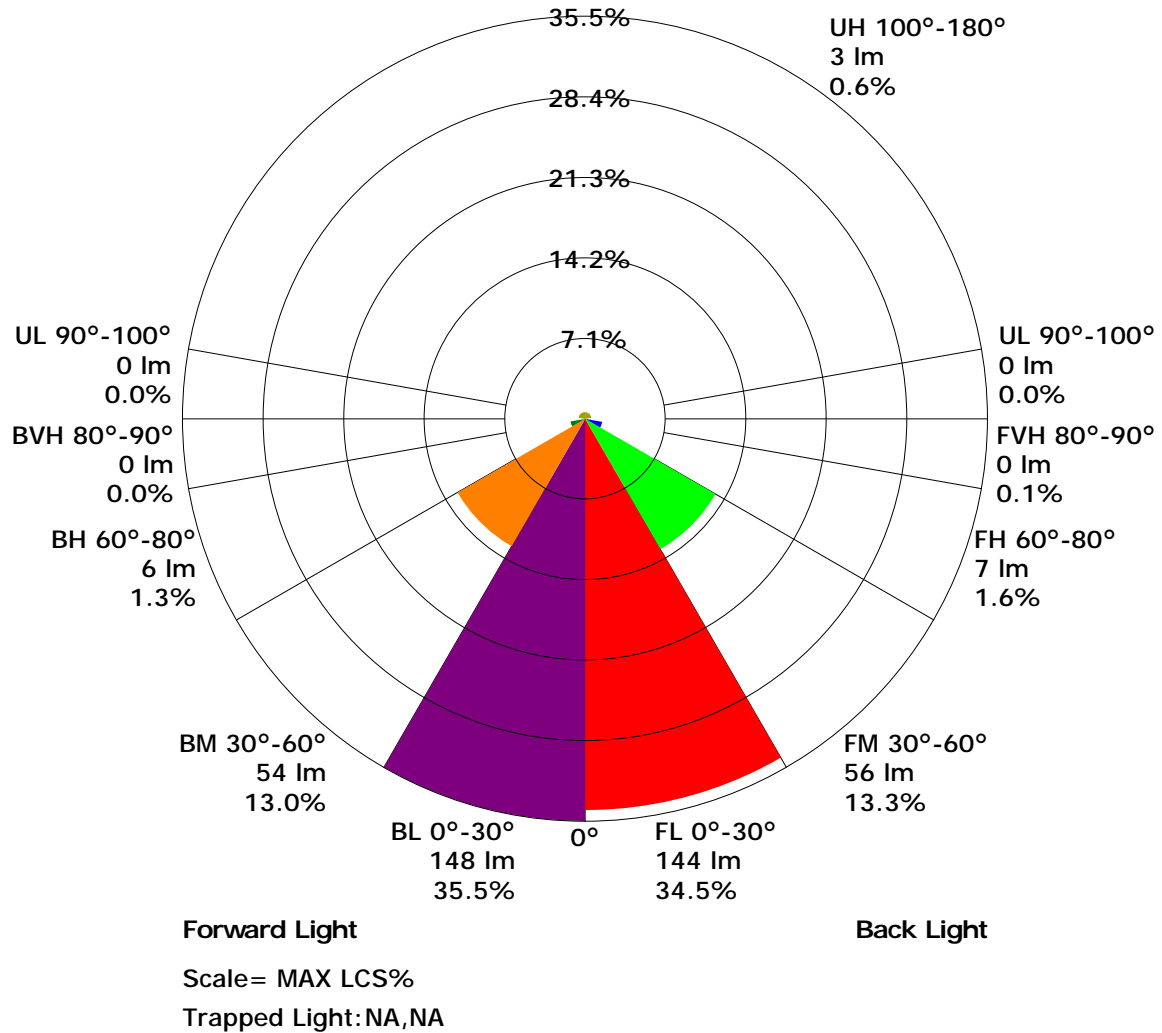
| ZONE | LUMENS | % LAMP LUMENS |
|----------------------|------------|---------------|
| FORWARD LIGHT | 207 | 49.5 |
| FL (0°-30°) | 144 | 34.5 |
| FM (30°-60°) | 56 | 13.3 |
| FH (60°-80°) | 7 | 1.6 |
| FVH (80°-90°) | 0 | 0.1 |
| BACK LIGHT | 208 | 49.9 |
| BL (0°-30°) | 148 | 35.5 |
| BM (30°-60°) | 54 | 13.0 |
| BH (60°-80°) | 6 | 1.3 |
| BVH (80°-90°) | 0 | 0.0 |
| UP LIGHT | 3 | 0.6 |
| UL (90°-100°) | 0 | 0.0 |
| UH (100°-180°) | 3 | 0.6 |
| TRAPPED LIGHT | NA | NA |

| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07 | |
|--|----------|
| Asymmetrical Luminaire Types (Type I,II,III,IV) | B1 U1 G0 |
| Quadrilateral Symmetrical Luminaire Types (Type V,Area Light) | B1 U1 G0 |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

LCS Graph



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

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 | 0.82 | 0.89 | 0.93 | 0.97 | 1.01 | 1.04 | 1.06 | 1.09 | 1.10 | |
| | 0.30 | | 0.77 | 0.84 | 0.89 | 0.92 | 0.97 | 1.01 | 1.03 | 1.06 | 1.08 | |
| | 0.20 | | 0.73 | 0.80 | 0.85 | 0.89 | 0.94 | 0.98 | 1.01 | 1.04 | 1.06 | |
| 0.50 | 0.50 | 0.20 | 0.80 | 0.87 | 0.91 | 0.94 | 0.98 | 1.01 | 1.03 | 1.05 | 1.06 | |
| | 0.30 | | 0.76 | 0.83 | 0.87 | 0.91 | 0.95 | 0.98 | 1.00 | 1.03 | 1.04 | |
| | 0.20 | | 0.73 | 0.80 | 0.84 | 0.88 | 0.93 | 0.96 | 0.98 | 1.01 | 1.03 | |
| 0.30 | 0.50 | 0.20 | 0.79 | 0.85 | 0.89 | 0.92 | 0.95 | 0.98 | 0.99 | 1.01 | 1.02 | |
| | 0.30 | | 0.75 | 0.82 | 0.86 | 0.89 | 0.93 | 0.96 | 0.97 | 1.00 | 1.01 | |
| | 0.20 | | 0.72 | 0.79 | 0.83 | 0.87 | 0.91 | 0.94 | 0.96 | 0.98 | 1.00 | |
| 0.00 | 0.00 | 0.00 | 0.71 | 0.77 | 0.81 | 0.84 | 0.88 | 0.90 | 0.92 | 0.94 | 0.95 | |
| <p>Rating: 4W 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 | 0.63 | 0.51 | 0.43 | 0.37 | 0.29 | 0.24 | 0.20 | 0.16 | 0.13 | |
| | 0.30 | | 0.53 | 0.44 | 0.37 | 0.33 | 0.26 | 0.22 | 0.19 | 0.15 | 0.12 | |
| | 0.20 | | 0.45 | 0.38 | 0.33 | 0.29 | 0.24 | 0.20 | 0.18 | 0.14 | 0.12 | |
| 0.50 | 0.50 | 0.20 | 0.60 | 0.48 | 0.40 | 0.35 | 0.27 | 0.26 | 0.19 | 0.14 | 0.12 | |
| | 0.30 | | 0.51 | 0.42 | 0.36 | 0.31 | 0.25 | 0.21 | 0.18 | 0.14 | 0.11 | |
| | 0.20 | | 0.44 | 0.37 | 0.32 | 0.28 | 0.23 | 0.19 | 0.17 | 0.13 | 0.11 | |
| 0.30 | 0.50 | 0.20 | 0.58 | 0.46 | 0.38 | 0.32 | 0.25 | 0.21 | 0.17 | 0.13 | 0.11 | |
| | 0.30 | | 0.49 | 0.40 | 0.34 | 0.29 | 0.23 | 0.19 | 0.16 | 0.13 | 0.10 | |
| | 0.20 | | 0.43 | 0.36 | 0.31 | 0.27 | 0.22 | 0.18 | 0.15 | 0.12 | 0.10 | |
| 0.00 | 0.00 | 0.00 | 0.30 | 0.24 | 0.20 | 0.17 | 0.13 | 0.11 | 0.09 | 0.07 | 0.05 | |
| <p>Rating: 4W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> | | | | | | | | | | | | |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

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 | 0.14 | 0.15 | 0.17 | 0.17 | 0.19 | 0.20 | 0.20 | 0.21 | 0.22 | |
| | 0.30 | | 0.10 | 0.11 | 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 | 0.18 | 0.19 | |
| 0.50 | 0.50 | 0.20 | 0.13 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.19 | 0.20 | 0.21 | |
| | 0.30 | | 0.09 | 0.11 | 0.13 | 0.14 | 0.15 | 0.17 | 0.17 | 0.19 | 0.19 | |
| | 0.20 | | 0.06 | 0.08 | 0.10 | 0.11 | 0.13 | 0.15 | 0.16 | 0.17 | 0.18 | |
| 0.30 | 0.50 | 0.20 | 0.13 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 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 | | 0.06 | 0.08 | 0.10 | 0.11 | 0.13 | 0.14 | 0.15 | 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: 4W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> | | | | | | | | | | | | |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

Zonal Lumen

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 0.0-1.0 | 657.3 | 0.6 | 0.6 | 0.15 | 0.15 |
| 1.0-2.0 | 654.8 | 1.9 | 2.5 | 0.45 | 0.60 |
| 2.0-3.0 | 650.3 | 3.1 | 5.6 | 0.75 | 1.35 |
| 3.0-4.0 | 643.9 | 4.3 | 9.9 | 1.03 | 2.38 |
| 4.0-5.0 | 635.7 | 5.5 | 15.4 | 1.31 | 3.69 |
| 5.0-6.0 | 625.7 | 6.6 | 22.0 | 1.58 | 5.27 |
| 6.0-7.0 | 613.6 | 7.6 | 29.6 | 1.83 | 7.10 |
| 7.0-8.0 | 599.1 | 8.6 | 38.2 | 2.06 | 9.15 |
| 8.0-9.0 | 583.2 | 9.5 | 47.6 | 2.27 | 11.42 |
| 9.0-10.0 | 566.1 | 10.2 | 57.9 | 2.46 | 13.87 |
| 10.0-11.0 | 547.2 | 10.9 | 68.8 | 2.62 | 16.50 |
| 11.0-12.0 | 527.0 | 11.5 | 80.3 | 2.76 | 19.26 |
| 12.0-13.0 | 505.8 | 12.0 | 92.3 | 2.88 | 22.14 |
| 13.0-14.0 | 484.1 | 12.4 | 104.7 | 2.97 | 25.11 |
| 14.0-15.0 | 462.5 | 12.7 | 117.4 | 3.04 | 28.15 |
| 15.0-16.0 | 440.5 | 12.9 | 130.3 | 3.09 | 31.25 |
| 16.0-17.0 | 417.7 | 13.0 | 143.3 | 3.12 | 34.37 |
| 17.0-18.0 | 395.1 | 13.0 | 156.4 | 3.12 | 37.49 |
| 18.0-19.0 | 373.3 | 13.0 | 169.4 | 3.11 | 40.60 |
| 19.0-20.0 | 351.7 | 12.9 | 182.2 | 3.09 | 43.69 |
| 20.0-21.0 | 329.9 | 12.7 | 194.9 | 3.04 | 46.73 |
| 21.0-22.0 | 308.5 | 12.4 | 207.3 | 2.97 | 49.70 |
| 22.0-23.0 | 287.8 | 12.1 | 219.4 | 2.90 | 52.59 |
| 23.0-24.0 | 268.0 | 11.7 | 231.1 | 2.81 | 55.40 |
| 24.0-25.0 | 249.1 | 11.3 | 242.4 | 2.72 | 58.12 |
| 25.0-26.0 | 230.3 | 10.9 | 253.3 | 2.61 | 60.73 |
| 26.0-27.0 | 212.3 | 10.4 | 263.7 | 2.49 | 63.22 |
| 27.0-28.0 | 195.7 | 9.9 | 273.6 | 2.38 | 65.59 |
| 28.0-29.0 | 179.9 | 9.4 | 283.0 | 2.26 | 67.85 |
| 29.0-30.0 | 164.6 | 8.9 | 291.9 | 2.13 | 69.98 |
| 30.0-31.0 | 150.2 | 8.4 | 300.3 | 2.00 | 71.98 |
| 31.0-32.0 | 137.2 | 7.9 | 308.1 | 1.89 | 73.87 |
| 32.0-33.0 | 125.2 | 7.4 | 315.5 | 1.77 | 75.64 |
| 33.0-34.0 | 114.1 | 6.9 | 322.4 | 1.66 | 77.29 |
| 34.0-35.0 | 103.6 | 6.4 | 328.8 | 1.54 | 78.84 |
| 35.0-36.0 | 94.1 | 6.0 | 334.8 | 1.44 | 80.28 |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 36.0-37.0 | 85.6 | 5.6 | 340.4 | 1.34 | 81.61 |
| 37.0-38.0 | 77.8 | 5.2 | 345.6 | 1.25 | 82.86 |
| 38.0-39.0 | 70.4 | 4.8 | 350.4 | 1.15 | 84.01 |
| 39.0-40.0 | 63.7 | 4.4 | 354.9 | 1.06 | 85.08 |
| 40.0-41.0 | 57.8 | 4.1 | 359.0 | 0.99 | 86.06 |
| 41.0-42.0 | 52.8 | 3.8 | 362.8 | 0.92 | 86.98 |
| 42.0-43.0 | 48.1 | 3.6 | 366.4 | 0.85 | 87.84 |
| 43.0-44.0 | 43.9 | 3.3 | 369.7 | 0.79 | 88.63 |
| 44.0-45.0 | 40.4 | 3.1 | 372.8 | 0.74 | 89.38 |
| 45.0-46.0 | 37.2 | 2.9 | 375.7 | 0.70 | 90.07 |
| 46.0-47.0 | 34.3 | 2.7 | 378.4 | 0.65 | 90.73 |
| 47.0-48.0 | 31.7 | 2.6 | 381.0 | 0.61 | 91.34 |
| 48.0-49.0 | 29.3 | 2.4 | 383.4 | 0.58 | 91.92 |
| 49.0-50.0 | 27.1 | 2.3 | 385.7 | 0.54 | 92.46 |
| 50.0-51.0 | 25.1 | 2.1 | 387.8 | 0.51 | 92.97 |
| 51.0-52.0 | 23.1 | 2.0 | 389.8 | 0.48 | 93.45 |
| 52.0-53.0 | 21.4 | 1.9 | 391.6 | 0.45 | 93.89 |
| 53.0-54.0 | 19.8 | 1.7 | 393.4 | 0.42 | 94.31 |
| 54.0-55.0 | 18.3 | 1.6 | 395.0 | 0.39 | 94.70 |
| 55.0-56.0 | 16.9 | 1.5 | 396.5 | 0.37 | 95.07 |
| 56.0-57.0 | 15.7 | 1.4 | 398.0 | 0.34 | 95.41 |
| 57.0-58.0 | 14.5 | 1.3 | 399.3 | 0.32 | 95.74 |
| 58.0-59.0 | 13.5 | 1.3 | 400.6 | 0.30 | 96.04 |
| 59.0-60.0 | 12.5 | 1.2 | 401.8 | 0.28 | 96.32 |
| 60.0-61.0 | 11.6 | 1.1 | 402.9 | 0.26 | 96.58 |
| 61.0-62.0 | 10.8 | 1.0 | 403.9 | 0.25 | 96.83 |
| 62.0-63.0 | 10.0 | 1.0 | 404.9 | 0.23 | 97.07 |
| 63.0-64.0 | 9.3 | 0.9 | 405.8 | 0.22 | 97.28 |
| 64.0-65.0 | 8.6 | 0.9 | 406.6 | 0.20 | 97.49 |
| 65.0-66.0 | 8.1 | 0.8 | 407.4 | 0.19 | 97.68 |
| 66.0-67.0 | 7.5 | 0.8 | 408.2 | 0.18 | 97.86 |
| 67.0-68.0 | 7.0 | 0.7 | 408.9 | 0.17 | 98.03 |
| 68.0-69.0 | 6.5 | 0.7 | 409.6 | 0.16 | 98.19 |
| 69.0-70.0 | 6.0 | 0.6 | 410.2 | 0.15 | 98.34 |
| 70.0-71.0 | 5.5 | 0.6 | 410.8 | 0.14 | 98.48 |
| 71.0-72.0 | 5.1 | 0.5 | 411.3 | 0.13 | 98.60 |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 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 | 4.7 | 0.5 | 411.8 | 0.12 | 98.72 |
| 73.0-74.0 | 4.3 | 0.5 | 412.2 | 0.11 | 98.83 |
| 74.0-75.0 | 3.9 | 0.4 | 412.6 | 0.10 | 98.93 |
| 75.0-76.0 | 3.5 | 0.4 | 413.0 | 0.09 | 99.02 |
| 76.0-77.0 | 3.0 | 0.3 | 413.3 | 0.08 | 99.10 |
| 77.0-78.0 | 2.5 | 0.3 | 413.6 | 0.07 | 99.16 |
| 78.0-79.0 | 2.1 | 0.2 | 413.8 | 0.05 | 99.22 |
| 79.0-80.0 | 1.7 | 0.2 | 414.0 | 0.04 | 99.26 |
| 80.0-81.0 | 1.3 | 0.1 | 414.2 | 0.03 | 99.29 |
| 81.0-82.0 | 1.1 | 0.1 | 414.3 | 0.03 | 99.32 |
| 82.0-83.0 | 0.7 | 0.1 | 414.4 | 0.02 | 99.34 |
| 83.0-84.0 | 0.6 | 0.1 | 414.4 | 0.01 | 99.35 |
| 84.0-85.0 | 0.5 | 0.1 | 414.5 | 0.01 | 99.37 |
| 85.0-86.0 | 0.4 | 0.0 | 414.5 | 0.01 | 99.38 |
| 86.0-87.0 | 0.2 | 0.0 | 414.5 | 0.00 | 99.38 |
| 87.0-88.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 88.0-89.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 89.0-90.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 90.0-91.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 91.0-92.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 92.0-93.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 93.0-94.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 94.0-95.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 95.0-96.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 96.0-97.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 97.0-98.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 98.0-99.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 99.0-100.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 100.0-101.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 101.0-102.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 102.0-103.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 103.0-104.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 104.0-105.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 105.0-106.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 106.0-107.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 107.0-108.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 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 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 109.0-110.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 110.0-111.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 111.0-112.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 112.0-113.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 113.0-114.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 114.0-115.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 115.0-116.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 116.0-117.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 117.0-118.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 118.0-119.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 119.0-120.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 120.0-121.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 121.0-122.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 122.0-123.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 123.0-124.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 124.0-125.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 125.0-126.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 126.0-127.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 127.0-128.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 128.0-129.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 129.0-130.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 130.0-131.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 131.0-132.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 132.0-133.0 | 0.0 | 0.0 | 414.5 | 0.00 | 99.38 |
| 133.0-134.0 | 0.1 | 0.0 | 414.5 | 0.00 | 99.38 |
| 134.0-135.0 | 0.1 | 0.0 | 414.5 | 0.00 | 99.39 |
| 135.0-136.0 | 0.1 | 0.0 | 414.6 | 0.00 | 99.39 |
| 136.0-137.0 | 0.2 | 0.0 | 414.6 | 0.00 | 99.39 |
| 137.0-138.0 | 0.2 | 0.0 | 414.6 | 0.00 | 99.40 |
| 138.0-139.0 | 0.3 | 0.0 | 414.6 | 0.01 | 99.40 |
| 139.0-140.0 | 0.4 | 0.0 | 414.6 | 0.01 | 99.41 |
| 140.0-141.0 | 0.5 | 0.0 | 414.7 | 0.01 | 99.42 |
| 141.0-142.0 | 0.5 | 0.0 | 414.7 | 0.01 | 99.42 |
| 142.0-143.0 | 0.4 | 0.0 | 414.7 | 0.01 | 99.43 |
| 143.0-144.0 | 0.6 | 0.0 | 414.8 | 0.01 | 99.44 |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 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 | 0.8 | 0.1 | 414.8 | 0.01 | 99.45 |
| 145.0-146.0 | 1.0 | 0.1 | 414.9 | 0.01 | 99.47 |
| 146.0-147.0 | 1.1 | 0.1 | 414.9 | 0.02 | 99.48 |
| 147.0-148.0 | 1.2 | 0.1 | 415.0 | 0.02 | 99.50 |
| 148.0-149.0 | 1.3 | 0.1 | 415.1 | 0.02 | 99.52 |
| 149.0-150.0 | 1.3 | 0.1 | 415.2 | 0.02 | 99.53 |
| 150.0-151.0 | 1.4 | 0.1 | 415.2 | 0.02 | 99.55 |
| 151.0-152.0 | 1.6 | 0.1 | 415.3 | 0.02 | 99.57 |
| 152.0-153.0 | 1.8 | 0.1 | 415.4 | 0.02 | 99.60 |
| 153.0-154.0 | 1.9 | 0.1 | 415.5 | 0.02 | 99.62 |
| 154.0-155.0 | 2.0 | 0.1 | 415.6 | 0.02 | 99.64 |
| 155.0-156.0 | 2.1 | 0.1 | 415.7 | 0.02 | 99.66 |
| 156.0-157.0 | 2.2 | 0.1 | 415.8 | 0.02 | 99.69 |
| 157.0-158.0 | 2.2 | 0.1 | 415.9 | 0.02 | 99.71 |
| 158.0-159.0 | 2.3 | 0.1 | 416.0 | 0.02 | 99.73 |
| 159.0-160.0 | 2.4 | 0.1 | 416.1 | 0.02 | 99.75 |
| 160.0-161.0 | 2.5 | 0.1 | 416.2 | 0.02 | 99.78 |
| 161.0-162.0 | 2.5 | 0.1 | 416.3 | 0.02 | 99.80 |
| 162.0-163.0 | 2.6 | 0.1 | 416.3 | 0.02 | 99.82 |
| 163.0-164.0 | 2.6 | 0.1 | 416.4 | 0.02 | 99.84 |
| 164.0-165.0 | 2.6 | 0.1 | 416.5 | 0.02 | 99.85 |
| 165.0-166.0 | 2.7 | 0.1 | 416.6 | 0.02 | 99.87 |
| 166.0-167.0 | 2.7 | 0.1 | 416.6 | 0.02 | 99.89 |
| 167.0-168.0 | 2.8 | 0.1 | 416.7 | 0.02 | 99.90 |
| 168.0-169.0 | 2.8 | 0.1 | 416.8 | 0.01 | 99.92 |
| 169.0-170.0 | 2.8 | 0.1 | 416.8 | 0.01 | 99.93 |
| 170.0-171.0 | 2.9 | 0.1 | 416.9 | 0.01 | 99.95 |
| 171.0-172.0 | 2.9 | 0.0 | 416.9 | 0.01 | 99.96 |
| 172.0-173.0 | 2.9 | 0.0 | 417.0 | 0.01 | 99.97 |
| 173.0-174.0 | 2.9 | 0.0 | 417.0 | 0.01 | 99.98 |
| 174.0-175.0 | 2.9 | 0.0 | 417.0 | 0.01 | 99.98 |
| 175.0-176.0 | 3.0 | 0.0 | 417.1 | 0.01 | 99.99 |
| 176.0-177.0 | 3.0 | 0.0 | 417.1 | 0.00 | 99.99 |
| 177.0-178.0 | 3.1 | 0.0 | 417.1 | 0.00 | 100.00 |
| 178.0-179.0 | 3.1 | 0.0 | 417.1 | 0.00 | 100.00 |
| 179.0-180.0 | 3.1 | 0.0 | 417.1 | 0.00 | 100.00 |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 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 | 669.1 | 660.9 | 653.1 | 648.5 | 669.1 | 660.9 | 653.1 | 648.5 | 669.1 | |
| G1.0 | 665.7 | 654.2 | 645.2 | 643.4 | 670.6 | 665.2 | 658.1 | 650.4 | 665.7 | |
| G2.0 | 660.1 | 645.1 | 634.0 | 635.5 | 669.7 | 667.7 | 661.9 | 650.6 | 660.1 | |
| G3.0 | 652.5 | 632.9 | 622.3 | 627.0 | 665.5 | 667.2 | 663.9 | 649.5 | 652.5 | |
| G4.0 | 642.8 | 619.9 | 609.1 | 616.1 | 659.3 | 664.8 | 663.8 | 646.1 | 642.8 | |
| G5.0 | 631.5 | 605.4 | 595.0 | 604.2 | 651.3 | 660.0 | 660.4 | 641.0 | 631.5 | |
| G6.0 | 618.9 | 589.7 | 579.8 | 591.2 | 641.7 | 653.0 | 655.0 | 633.7 | 618.9 | |
| G7.0 | 605.2 | 572.6 | 560.9 | 573.9 | 627.7 | 643.5 | 646.8 | 624.3 | 605.2 | |
| G8.0 | 587.3 | 552.2 | 541.2 | 556.3 | 613.6 | 633.0 | 636.6 | 610.8 | 587.3 | |
| G9.0 | 570.1 | 532.0 | 520.2 | 536.6 | 598.2 | 620.5 | 624.8 | 597.7 | 570.1 | |
| G10.0 | 551.3 | 511.3 | 497.8 | 515.5 | 581.4 | 606.4 | 610.5 | 582.6 | 551.3 | |
| G11.0 | 531.5 | 490.7 | 474.7 | 490.0 | 561.3 | 590.0 | 594.8 | 565.7 | 531.5 | |
| G12.0 | 511.2 | 469.2 | 448.6 | 465.8 | 541.9 | 570.6 | 578.4 | 548.1 | 511.2 | |
| G13.0 | 487.9 | 445.5 | 424.3 | 441.9 | 521.5 | 551.7 | 558.8 | 527.0 | 487.9 | |
| G14.0 | 466.3 | 423.3 | 400.0 | 419.0 | 500.1 | 531.7 | 539.6 | 506.8 | 466.3 | |
| G15.0 | 444.3 | 401.3 | 376.0 | 396.3 | 477.5 | 511.6 | 519.9 | 486.0 | 444.3 | |
| G16.0 | 422.0 | 378.8 | 352.8 | 372.0 | 454.1 | 491.1 | 499.7 | 464.7 | 422.0 | |
| G17.0 | 399.1 | 356.8 | 327.9 | 350.3 | 427.5 | 468.0 | 477.3 | 441.5 | 399.1 | |
| G18.0 | 376.8 | 333.0 | 306.4 | 328.9 | 404.1 | 446.7 | 456.4 | 420.5 | 376.8 | |
| G19.0 | 352.8 | 311.8 | 285.9 | 308.3 | 380.9 | 425.2 | 435.1 | 399.3 | 352.8 | |
| G20.0 | 331.0 | 291.4 | 265.7 | 287.6 | 357.6 | 403.8 | 413.1 | 377.4 | 331.0 | |
| G21.0 | 310.1 | 271.6 | 244.5 | 265.3 | 332.6 | 379.7 | 391.3 | 356.2 | 310.1 | |
| G22.0 | 287.8 | 252.5 | 225.6 | 245.9 | 310.8 | 358.1 | 368.1 | 335.2 | 287.8 | |
| G23.0 | 268.0 | 232.2 | 207.9 | 227.0 | 289.2 | 336.8 | 347.2 | 312.4 | 268.0 | |
| G24.0 | 249.2 | 214.3 | 191.0 | 208.8 | 268.5 | 316.0 | 326.9 | 292.6 | 249.2 | |
| G25.0 | 231.3 | 197.6 | 174.7 | 189.6 | 248.6 | 295.2 | 307.2 | 273.4 | 231.3 | |
| G26.0 | 212.8 | 180.2 | 157.5 | 172.8 | 227.6 | 273.7 | 287.9 | 255.3 | 212.8 | |
| G27.0 | 197.1 | 165.2 | 142.7 | 156.4 | 209.6 | 254.1 | 267.6 | 236.7 | 197.1 | |
| G28.0 | 182.3 | 150.6 | 128.9 | 141.4 | 192.1 | 235.5 | 249.7 | 220.7 | 182.3 | |
| G29.0 | 167.9 | 137.0 | 116.0 | 126.5 | 175.1 | 217.6 | 232.4 | 205.3 | 167.9 | |
| G30.0 | 154.4 | 124.6 | 102.8 | 112.6 | 157.8 | 198.9 | 214.5 | 189.4 | 154.4 | |
| G31.0 | 141.7 | 113.0 | 92.5 | 101.3 | 143.0 | 182.5 | 198.7 | 175.8 | 141.7 | |
| G32.0 | 128.6 | 101.5 | 83.5 | 91.6 | 128.9 | 166.8 | 183.5 | 162.9 | 128.6 | |
| G33.0 | 117.0 | 92.2 | 75.5 | 82.9 | 116.4 | 152.1 | 169.2 | 150.8 | 117.0 | |
| G34.0 | 106.5 | 83.8 | 68.4 | 74.3 | 104.0 | 137.3 | 155.8 | 139.3 | 106.5 | |
| G35.0 | 95.5 | 75.5 | 61.7 | 67.5 | 94.2 | 124.3 | 142.4 | 128.0 | 95.5 | |
| G36.0 | 86.5 | 68.8 | 56.3 | 61.6 | 85.3 | 112.6 | 129.1 | 116.8 | 86.5 | |

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device:

Distance:

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 |
|-------|------|-------|-------|--------|--------|--------|--------|--------|--------|
| G37.0 | 78.3 | 62.7 | 51.5 | 56.7 | 77.4 | 101.8 | 117.4 | 106.6 | 78.3 |
| G38.0 | 70.9 | 57.3 | 47.2 | 51.7 | 70.5 | 92.0 | 106.4 | 96.2 | 70.9 |
| G39.0 | 64.2 | 52.0 | 42.8 | 47.4 | 63.6 | 82.6 | 96.2 | 85.7 | 64.2 |
| G40.0 | 58.4 | 47.7 | 39.3 | 43.8 | 58.3 | 75.2 | 85.9 | 75.5 | 58.4 |
| G41.0 | 53.2 | 44.2 | 36.2 | 40.4 | 53.5 | 68.5 | 77.6 | 67.7 | 53.2 |
| G42.0 | 48.8 | 40.8 | 33.3 | 37.4 | 48.8 | 62.7 | 70.4 | 60.9 | 48.8 |
| G43.0 | 45.0 | 37.3 | 30.4 | 34.3 | 44.9 | 56.8 | 63.1 | 54.8 | 45.0 |
| G44.0 | 41.1 | 34.2 | 28.1 | 31.9 | 41.5 | 52.0 | 57.3 | 50.0 | 41.1 |
| G45.0 | 38.0 | 31.7 | 26.3 | 29.9 | 38.2 | 47.7 | 52.4 | 45.7 | 38.0 |
| G46.0 | 35.3 | 29.3 | 24.2 | 27.4 | 35.0 | 43.9 | 48.0 | 42.2 | 35.3 |
| G47.0 | 32.7 | 27.3 | 22.9 | 25.5 | 32.4 | 40.1 | 44.2 | 39.0 | 32.7 |
| G48.0 | 30.0 | 25.2 | 21.1 | 23.6 | 29.8 | 36.9 | 40.4 | 35.9 | 30.0 |
| G49.0 | 28.0 | 23.4 | 19.5 | 21.8 | 27.7 | 34.1 | 37.4 | 33.4 | 28.0 |
| G50.0 | 25.8 | 21.8 | 18.0 | 20.1 | 25.6 | 31.6 | 34.7 | 30.9 | 25.8 |
| G51.0 | 24.2 | 20.2 | 16.6 | 18.3 | 23.4 | 29.0 | 32.0 | 28.8 | 24.2 |
| G52.0 | 22.3 | 18.6 | 15.4 | 17.0 | 21.3 | 26.7 | 29.5 | 26.4 | 22.3 |
| G53.0 | 20.8 | 17.3 | 14.2 | 15.6 | 19.7 | 24.8 | 27.6 | 24.7 | 20.8 |
| G54.0 | 19.3 | 16.1 | 13.1 | 14.2 | 18.2 | 22.7 | 25.8 | 23.0 | 19.3 |
| G55.0 | 18.2 | 14.8 | 11.8 | 12.9 | 16.6 | 21.0 | 23.9 | 21.7 | 18.2 |
| G56.0 | 16.8 | 13.7 | 10.9 | 11.7 | 15.4 | 19.2 | 22.3 | 20.1 | 16.8 |
| G57.0 | 15.7 | 12.7 | 10.1 | 10.8 | 13.9 | 17.8 | 20.7 | 18.7 | 15.7 |
| G58.0 | 14.5 | 11.8 | 9.5 | 10.0 | 13.0 | 16.4 | 19.4 | 17.6 | 14.5 |
| G59.0 | 13.7 | 11.0 | 8.6 | 9.2 | 11.8 | 15.0 | 18.0 | 16.4 | 13.7 |
| G60.0 | 12.6 | 10.1 | 8.0 | 8.4 | 10.8 | 13.8 | 16.7 | 15.5 | 12.6 |
| G61.0 | 11.8 | 9.5 | 7.4 | 7.7 | 10.0 | 12.7 | 15.6 | 14.3 | 11.8 |
| G62.0 | 10.8 | 8.7 | 7.1 | 7.3 | 9.0 | 11.8 | 14.7 | 13.5 | 10.8 |
| G63.0 | 10.1 | 8.2 | 6.4 | 6.7 | 8.5 | 10.8 | 13.8 | 12.4 | 10.1 |
| G64.0 | 9.3 | 7.6 | 6.0 | 6.4 | 7.7 | 10.0 | 12.7 | 11.6 | 9.3 |
| G65.0 | 8.6 | 7.1 | 5.5 | 5.9 | 7.4 | 9.4 | 11.9 | 11.0 | 8.6 |
| G66.0 | 8.2 | 6.7 | 5.3 | 5.7 | 6.9 | 8.6 | 11.1 | 10.2 | 8.2 |
| G67.0 | 7.7 | 6.3 | 4.7 | 5.1 | 6.3 | 7.9 | 10.4 | 9.5 | 7.7 |
| G68.0 | 7.0 | 5.7 | 4.3 | 4.7 | 5.7 | 7.6 | 9.7 | 8.8 | 7.0 |
| G69.0 | 6.6 | 5.4 | 4.0 | 4.2 | 5.4 | 7.1 | 9.3 | 8.2 | 6.6 |
| G70.0 | 6.0 | 5.0 | 3.7 | 4.0 | 4.8 | 6.4 | 8.6 | 7.7 | 6.0 |
| G71.0 | 5.8 | 4.6 | 3.2 | 3.4 | 4.3 | 6.1 | 8.1 | 7.2 | 5.8 |
| G72.0 | 5.2 | 4.2 | 2.8 | 2.9 | 4.0 | 5.7 | 7.6 | 7.1 | 5.2 |
| G73.0 | 4.8 | 3.8 | 2.4 | 2.7 | 3.6 | 5.1 | 7.2 | 6.7 | 4.8 |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 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 |
|--------|------|-------|-------|--------|--------|--------|--------|--------|--------|
| G74.0 | 4.3 | 3.2 | 2.1 | 2.5 | 3.1 | 4.5 | 6.8 | 6.3 | 4.3 |
| G75.0 | 4.0 | 3.0 | 1.8 | 2.0 | 2.6 | 4.1 | 6.3 | 5.9 | 4.0 |
| G76.0 | 3.5 | 2.5 | 1.4 | 1.4 | 2.3 | 3.8 | 5.8 | 5.3 | 3.5 |
| G77.0 | 3.0 | 2.1 | 1.2 | 0.0 | 1.9 | 3.5 | 5.5 | 4.9 | 3.0 |
| G78.0 | 2.8 | 1.7 | 0.0 | 0.0 | 1.4 | 3.0 | 4.9 | 4.5 | 2.8 |
| G79.0 | 2.3 | 1.4 | 0.0 | 0.0 | 0.0 | 2.5 | 4.4 | 4.0 | 2.3 |
| G80.0 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 4.0 | 3.7 | 1.9 |
| G81.0 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | 3.4 | 3.2 | 1.4 |
| G82.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 3.0 | 2.8 | 0.0 |
| G83.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 2.3 | 0.0 |
| G84.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 2.0 | 0.0 |
| G85.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 1.7 | 0.0 |
| G86.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 1.4 | 0.0 |
| G87.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G88.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G89.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G90.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G91.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G92.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G93.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G94.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G95.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G96.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G97.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G98.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G99.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G101.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G102.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G103.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G104.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G105.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G106.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G107.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G108.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G109.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G110.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

C Plane (°):0.0-360.0: 45.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device:

Distance:

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 | |
|--------|------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G111.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G112.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G113.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G114.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G115.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G116.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G117.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G118.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G119.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G120.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G121.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G122.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G123.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G124.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G125.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G126.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G127.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G128.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G129.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G130.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G131.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G132.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G133.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G134.0 | 0.0 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G135.0 | 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G136.0 | 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G137.0 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G138.0 | 0.0 | 0.0 | 1.3 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G139.0 | 0.0 | 0.0 | 1.4 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G140.0 | 0.0 | 0.0 | 1.5 | 1.2 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | |
| G141.0 | 0.0 | 0.0 | 1.6 | 1.3 | 0.0 | 0.0 | 0.0 | 1.1 | 0.0 | |
| G142.0 | 0.0 | 0.0 | 1.2 | 1.4 | 0.0 | 0.0 | 0.0 | 1.1 | 0.0 | |
| G143.0 | 0.0 | 0.0 | 1.8 | 1.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G144.0 | 0.0 | 0.0 | 1.8 | 1.6 | 0.0 | 0.0 | 1.2 | 1.2 | 0.0 | |
| G145.0 | 0.0 | 1.2 | 2.0 | 1.7 | 0.0 | 0.0 | 1.1 | 1.4 | 0.0 | |
| G146.0 | 0.0 | 1.3 | 2.0 | 1.6 | 0.0 | 0.0 | 1.4 | 1.5 | 0.0 | |
| G147.0 | 1.2 | 1.7 | 2.0 | 1.7 | 0.0 | 0.0 | 1.2 | 1.4 | 1.2 | |

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

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 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 | |
|--------|------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G148.0 | 1.2 | 1.4 | 2.1 | 1.9 | 0.0 | 0.0 | 1.4 | 1.6 | 1.2 | |
| G149.0 | 1.4 | 1.7 | 2.2 | 2.0 | 0.0 | 0.0 | 1.3 | 1.8 | 1.4 | |
| G150.0 | 1.5 | 1.6 | 2.5 | 1.9 | 0.0 | 0.0 | 1.4 | 1.9 | 1.5 | |
| G151.0 | 1.3 | 1.8 | 2.5 | 1.8 | 1.2 | 0.0 | 1.5 | 2.0 | 1.3 | |
| G152.0 | 1.6 | 1.8 | 2.4 | 2.1 | 1.3 | 1.2 | 1.7 | 2.1 | 1.6 | |
| G153.0 | 1.7 | 2.0 | 2.4 | 2.4 | 1.3 | 1.2 | 1.8 | 2.3 | 1.7 | |
| G154.0 | 1.9 | 1.8 | 2.5 | 2.4 | 1.4 | 1.4 | 1.8 | 2.3 | 1.9 | |
| G155.0 | 2.1 | 2.2 | 2.5 | 2.5 | 1.6 | 1.6 | 1.9 | 2.3 | 2.1 | |
| G156.0 | 2.1 | 2.2 | 2.5 | 2.5 | 1.8 | 1.6 | 2.1 | 2.5 | 2.1 | |
| G157.0 | 2.1 | 2.3 | 2.7 | 2.7 | 1.8 | 1.6 | 2.1 | 2.5 | 2.1 | |
| G158.0 | 2.3 | 2.3 | 2.7 | 2.6 | 1.9 | 1.7 | 2.1 | 2.6 | 2.3 | |
| G159.0 | 2.3 | 2.4 | 2.7 | 2.8 | 2.1 | 1.8 | 2.2 | 2.6 | 2.3 | |
| G160.0 | 2.3 | 2.7 | 3.1 | 2.6 | 2.1 | 2.0 | 2.4 | 2.7 | 2.3 | |
| G161.0 | 2.3 | 2.5 | 3.0 | 2.8 | 2.1 | 2.0 | 2.4 | 2.7 | 2.3 | |
| G162.0 | 2.3 | 2.6 | 3.2 | 2.8 | 2.3 | 2.0 | 2.4 | 2.8 | 2.3 | |
| G163.0 | 2.3 | 2.7 | 3.2 | 2.8 | 2.4 | 2.2 | 2.4 | 2.8 | 2.3 | |
| G164.0 | 2.5 | 2.7 | 3.1 | 2.8 | 2.3 | 2.1 | 2.5 | 2.8 | 2.5 | |
| G165.0 | 2.7 | 2.7 | 3.2 | 2.8 | 2.3 | 2.1 | 2.5 | 2.8 | 2.7 | |
| G166.0 | 2.7 | 2.7 | 3.2 | 2.8 | 2.3 | 2.1 | 2.7 | 3.0 | 2.7 | |
| G167.0 | 2.7 | 2.7 | 3.3 | 2.9 | 2.3 | 2.3 | 2.8 | 3.0 | 2.7 | |
| G168.0 | 2.8 | 2.7 | 3.2 | 3.0 | 2.1 | 2.4 | 3.0 | 3.0 | 2.8 | |
| G169.0 | 2.8 | 2.6 | 3.3 | 3.0 | 2.3 | 2.4 | 2.8 | 3.1 | 2.8 | |
| G170.0 | 2.9 | 2.7 | 3.3 | 3.1 | 2.2 | 2.4 | 2.9 | 3.0 | 2.9 | |
| G171.0 | 2.9 | 2.8 | 3.3 | 3.1 | 2.3 | 2.5 | 2.9 | 3.1 | 2.9 | |
| G172.0 | 2.9 | 3.0 | 3.3 | 3.2 | 2.4 | 2.6 | 3.0 | 3.0 | 2.9 | |
| G173.0 | 2.9 | 3.0 | 3.4 | 3.2 | 2.4 | 2.6 | 3.0 | 2.9 | 2.9 | |
| G174.0 | 3.0 | 2.9 | 3.4 | 2.9 | 2.3 | 2.6 | 2.9 | 2.8 | 3.0 | |
| G175.0 | 3.0 | 2.9 | 3.4 | 2.9 | 2.5 | 2.8 | 3.0 | 2.9 | 3.0 | |
| G176.0 | 3.1 | 2.8 | 3.5 | 3.0 | 2.5 | 2.8 | 2.9 | 3.1 | 3.1 | |
| G177.0 | 3.2 | 3.0 | 3.5 | 3.1 | 2.6 | 2.9 | 3.1 | 3.1 | 3.2 | |
| G178.0 | 3.2 | 3.1 | 3.4 | 3.0 | 2.5 | 2.8 | 3.3 | 3.0 | 3.2 | |
| G179.0 | 3.1 | 3.0 | 3.4 | 3.2 | 2.5 | 3.0 | 3.1 | 3.3 | 3.1 | |
| G180.0 | 3.2 | 3.0 | 3.4 | 3.1 | 2.8 | 3.1 | 3.2 | 3.4 | 3.2 | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
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C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device:
 Distance:
 Humidity:
 Inspector: