

Report No.:

Test Time: 2020-08-27 16:09

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: MS-MR8-1A

Current: 0.272 A

Power Factor: 0.711

Voltage: 11.9 V

Power: 2.30 W

Photometric Results

CIE Class: Direct

Measurement Flux: 142.2 lm

Downward Ratio: 99%

Horizontal Diffuse Angle(10%,50%,75%,100%): H129.5,H91.7,H66,H14

Vertical Diffuse Angle(10%,50%,75%,100%): V129.6,V89.4,V66.7,V20

Luminaire Efficacy Rating (LER): 62

Max. Intensity: 82.67 cd

Total Rated Lamp Lumens: 142.2 lm

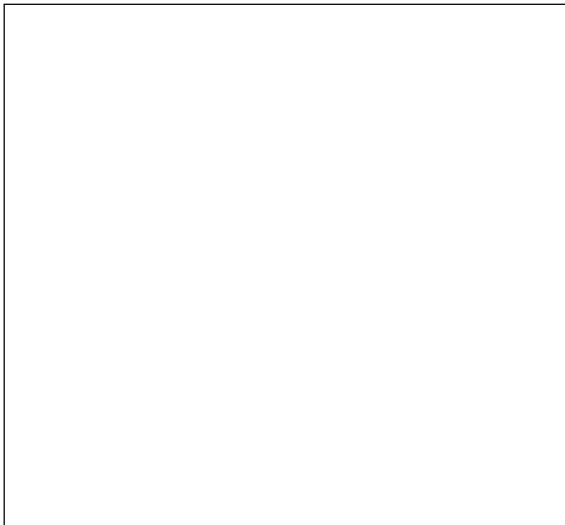
Efficiency: 100%

Upward Ratio: 1%

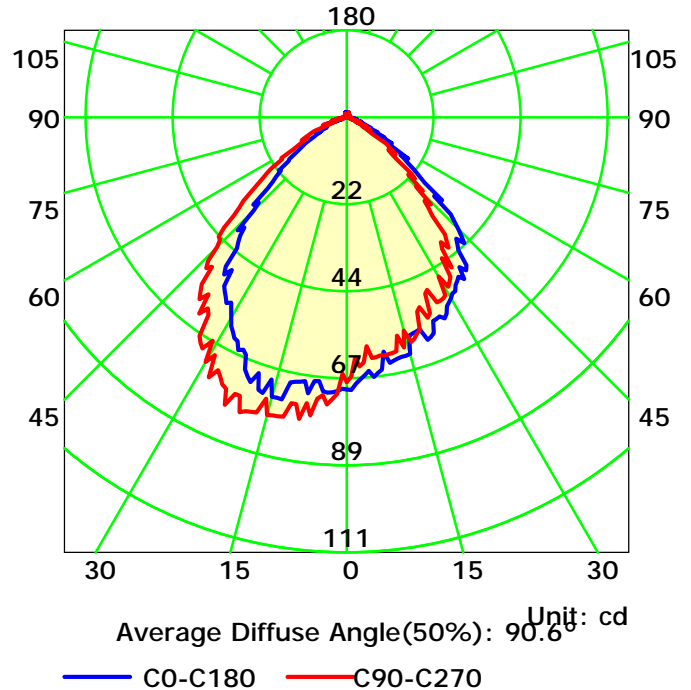
Central Intensity: 70.07 cd

Pos of Max. Intensity: H225 V21

Picture Of Luminaire



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

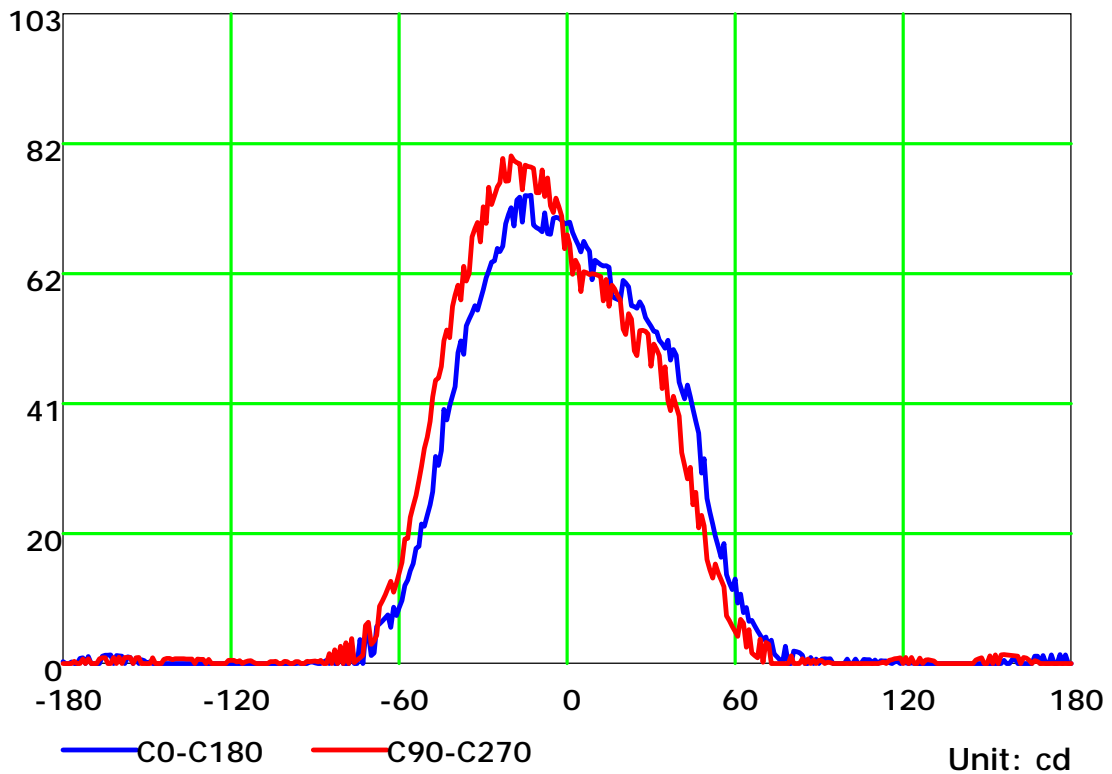
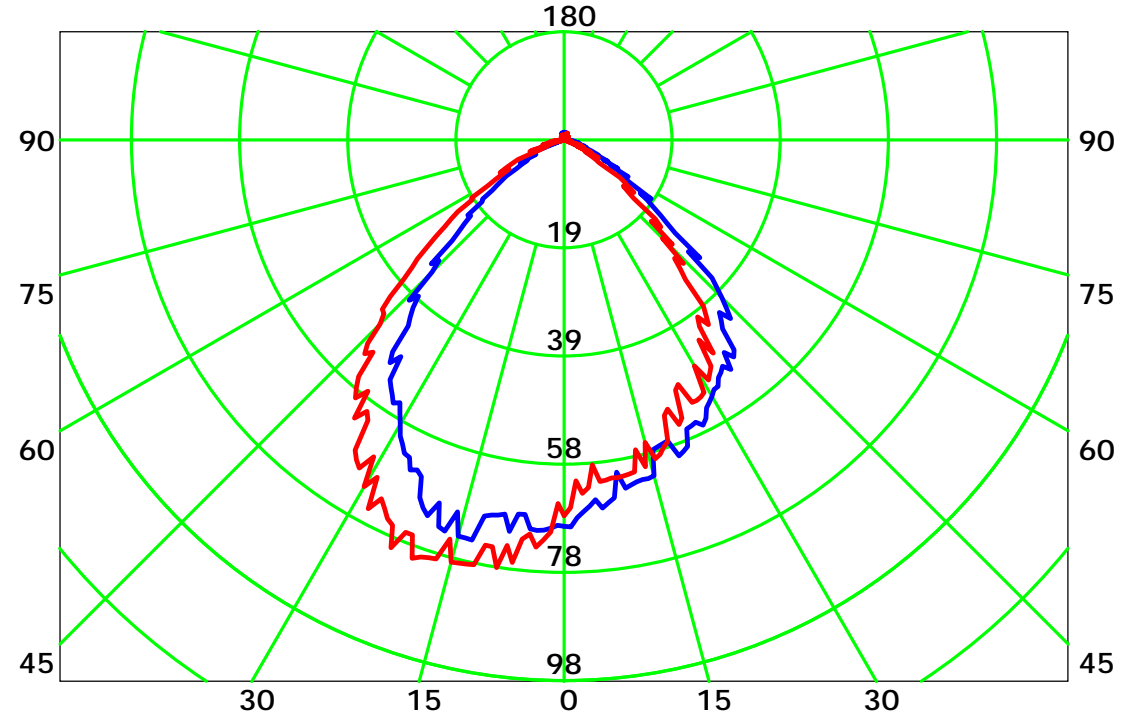
Test Device: GPM-1600

Distance: 8.177 m

Humidity:

Inspector:

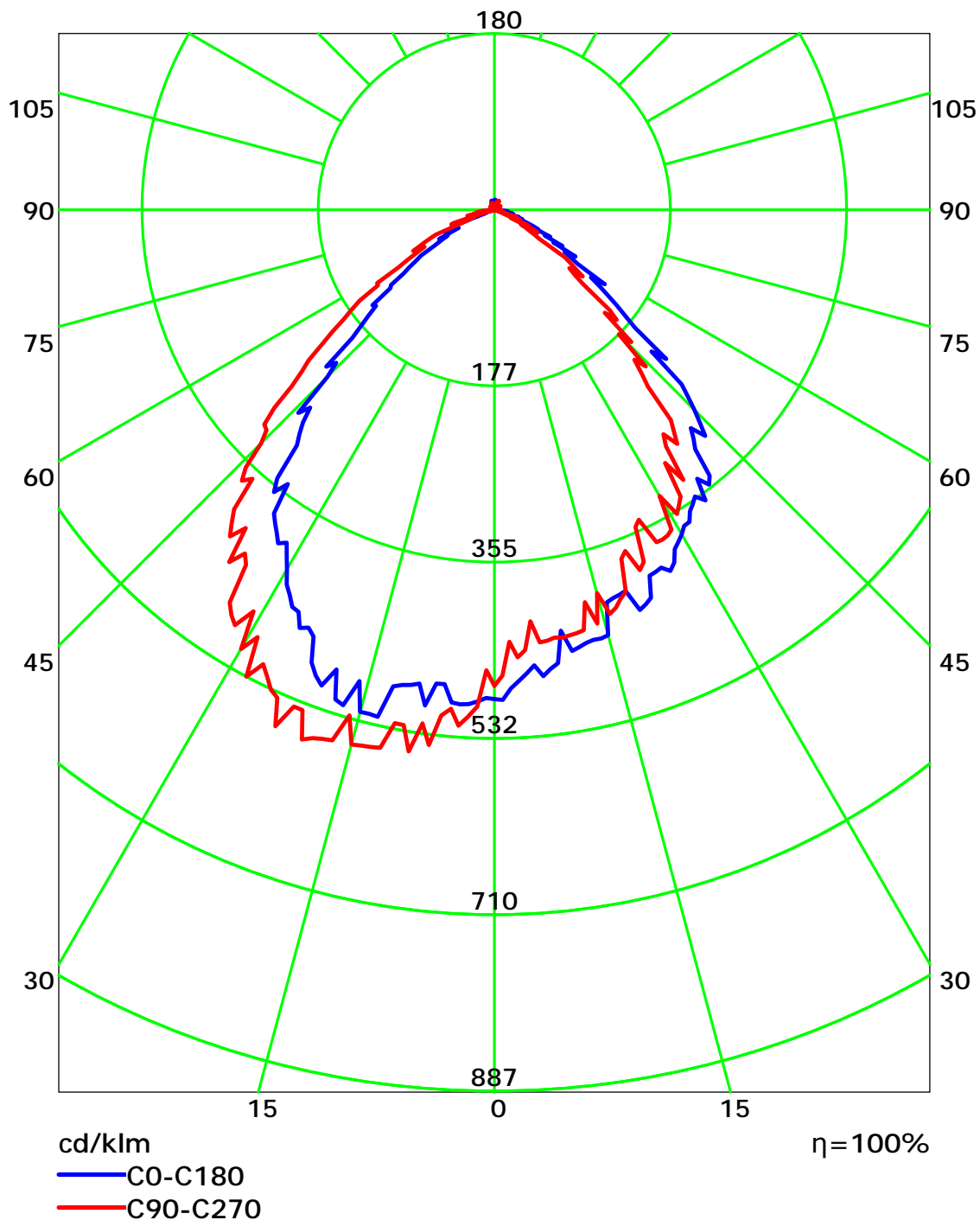
Luminous Intensity Distribution Curve



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: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



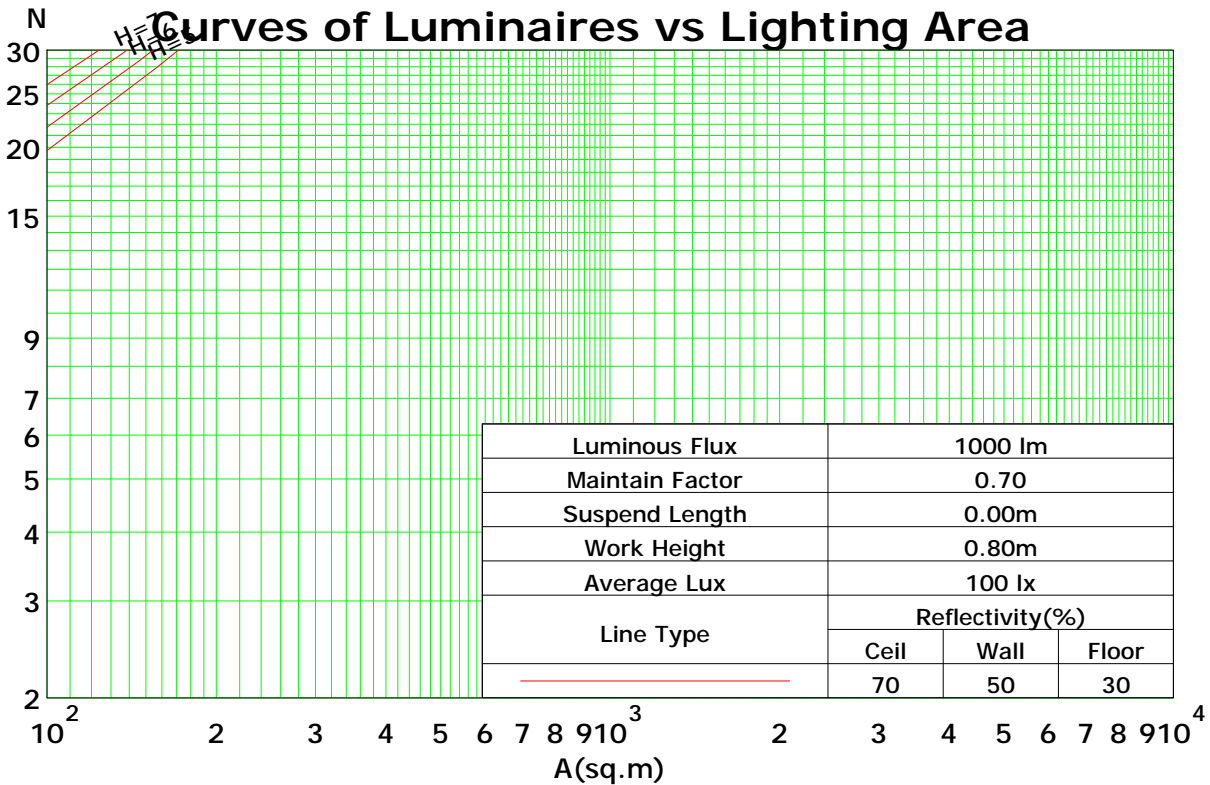
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 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 | 101 | 101 | 101 | 99 |
| 1 | 111 | 107 | 104 | 101 | 108 | 105 | 102 | 99 | 101 | 98 | 96 | 97 | 95 | 93 | 93 | 92 | 90 | 88 |
| 2 | 103 | 96 | 91 | 86 | 101 | 95 | 90 | 85 | 91 | 87 | 83 | 88 | 84 | 81 | 85 | 82 | 79 | 77 |
| 3 | 95 | 87 | 80 | 75 | 93 | 85 | 79 | 74 | 82 | 77 | 73 | 80 | 75 | 71 | 77 | 73 | 70 | 68 |
| 4 | 89 | 78 | 71 | 65 | 86 | 77 | 70 | 65 | 75 | 69 | 64 | 72 | 67 | 63 | 70 | 66 | 62 | 60 |
| 5 | 82 | 71 | 63 | 58 | 80 | 70 | 63 | 57 | 68 | 61 | 57 | 66 | 60 | 56 | 64 | 59 | 55 | 53 |
| 6 | 76 | 65 | 57 | 51 | 75 | 64 | 56 | 51 | 62 | 55 | 51 | 60 | 54 | 50 | 59 | 54 | 50 | 48 |
| 7 | 71 | 59 | 51 | 46 | 70 | 58 | 51 | 46 | 57 | 50 | 45 | 55 | 49 | 45 | 54 | 49 | 45 | 43 |
| 8 | 67 | 54 | 47 | 41 | 65 | 54 | 46 | 41 | 52 | 46 | 41 | 51 | 45 | 41 | 50 | 45 | 41 | 39 |
| 9 | 62 | 50 | 43 | 38 | 61 | 50 | 42 | 38 | 48 | 42 | 37 | 47 | 41 | 37 | 46 | 41 | 37 | 35 |
| 10 | 59 | 46 | 39 | 34 | 57 | 46 | 39 | 34 | 45 | 39 | 34 | 44 | 38 | 34 | 43 | 38 | 34 | 32 |

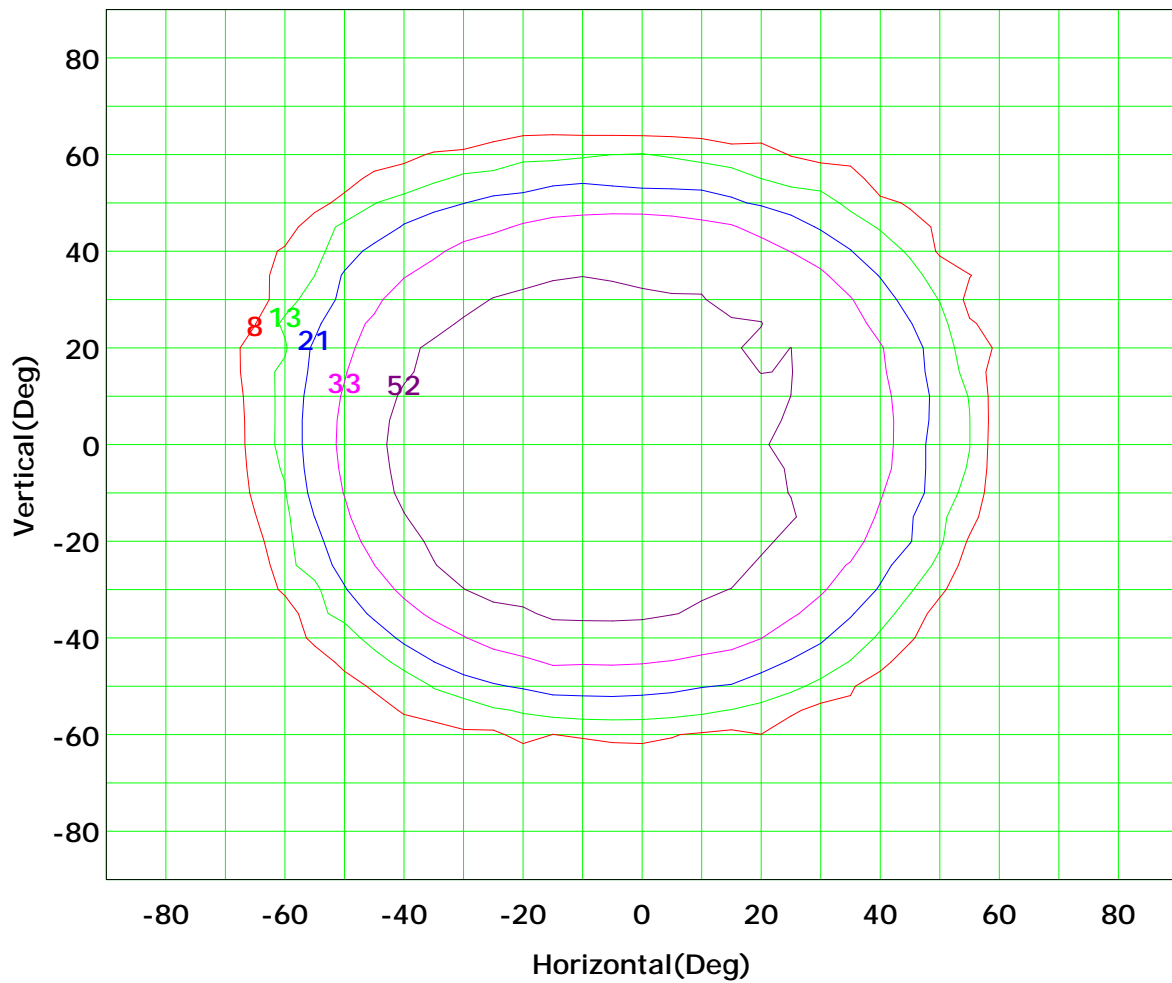
Spacing Criteria (0-180): 1.20
 Spacing Criteria (90-270): 1.31
 Spacing Criteria (Diagonal): 1.28



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: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Isocandela (rectangle)



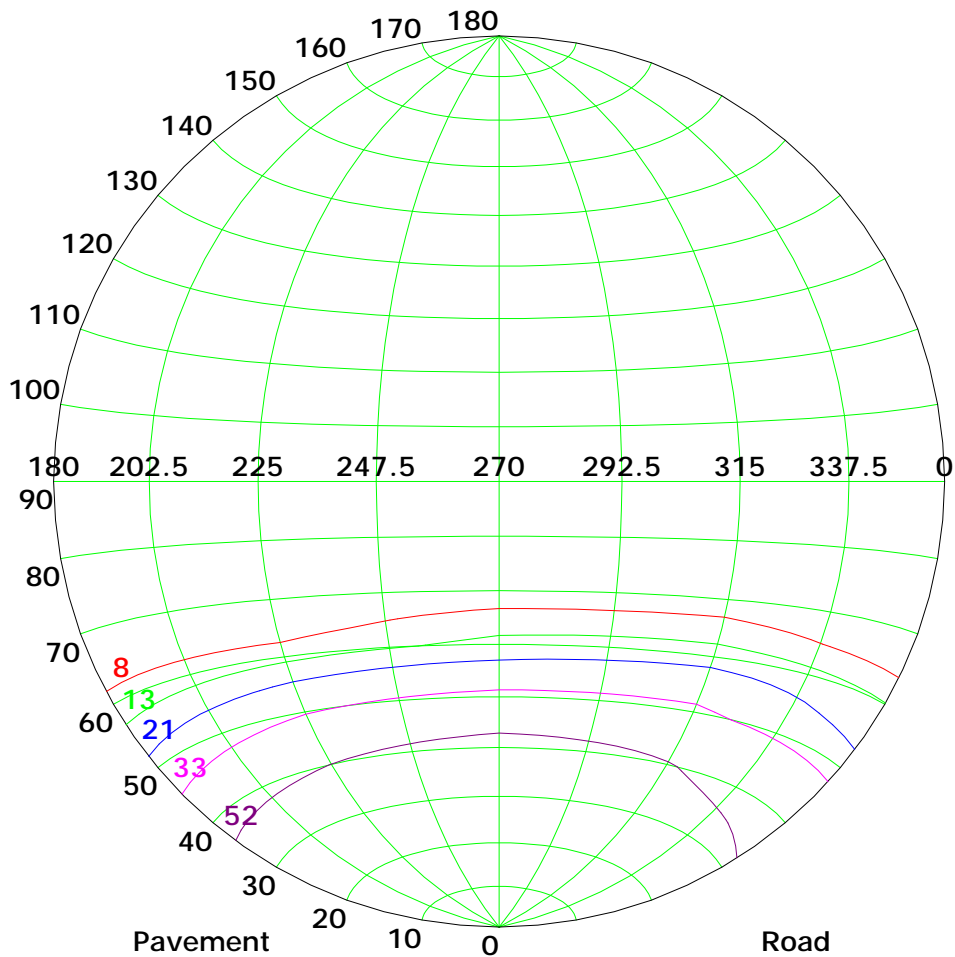
Imax (100%): 83 cd

| | | | |
|-----------|-------|-----------|-------|
| — (10%): | 8 cd | — (16%): | 13 cd |
| — (25%): | 21 cd | — (40%): | 33 cd |
| — (63%): | 52 cd | — (100%): | 83 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: GPM-1600
Distance: 8.177 m
Humidity:
Inspector:

Isocandela (sphere)



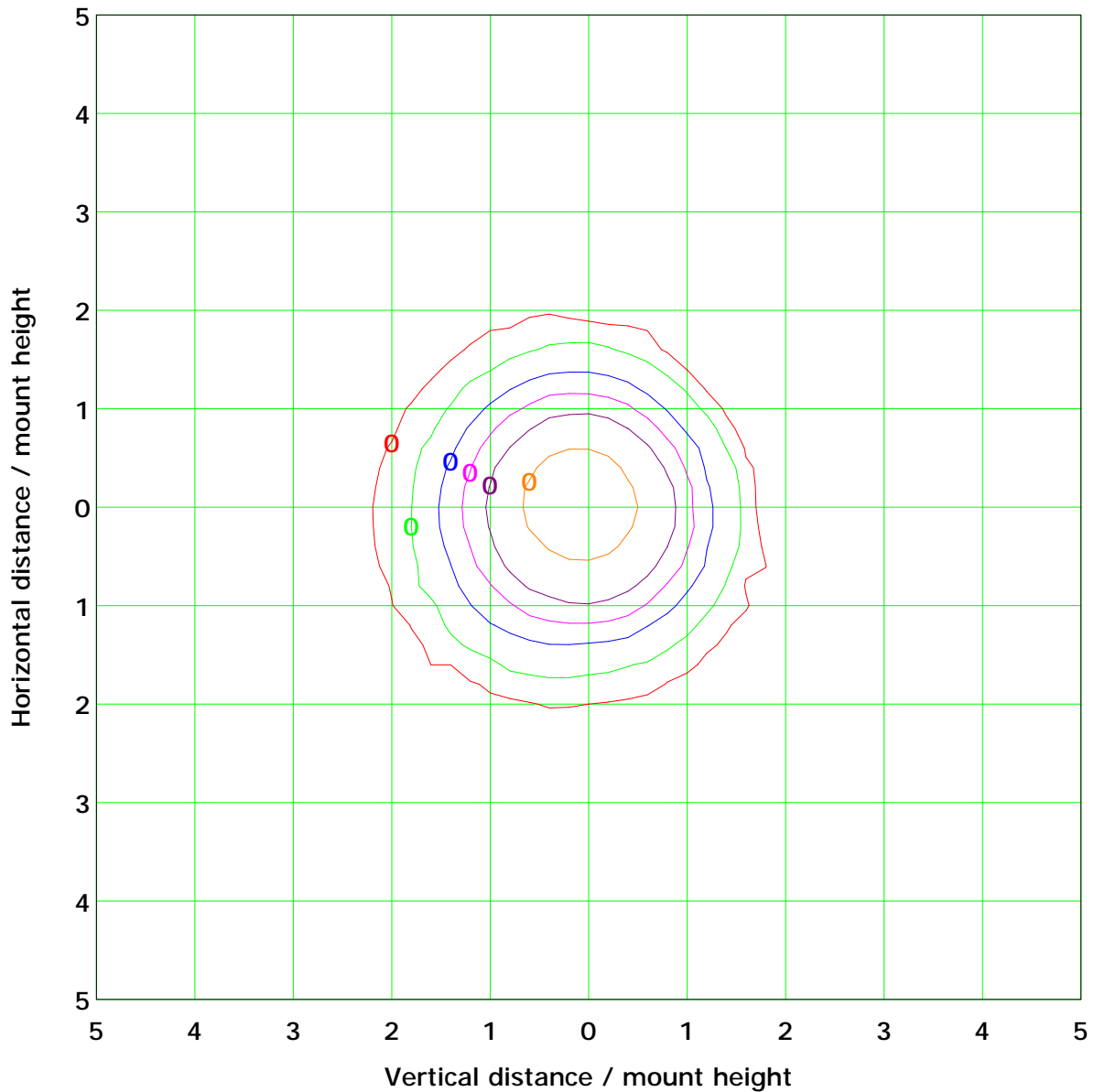
Imax (100%): 83 cd

| | | | |
|-----------|-------|-----------|-------|
| — (10%): | 8 cd | — (16%): | 13 cd |
| — (25%): | 21 cd | — (40%): | 33 cd |
| — (63%): | 52 cd | — (100%): | 83 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: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

IsoLux Plot



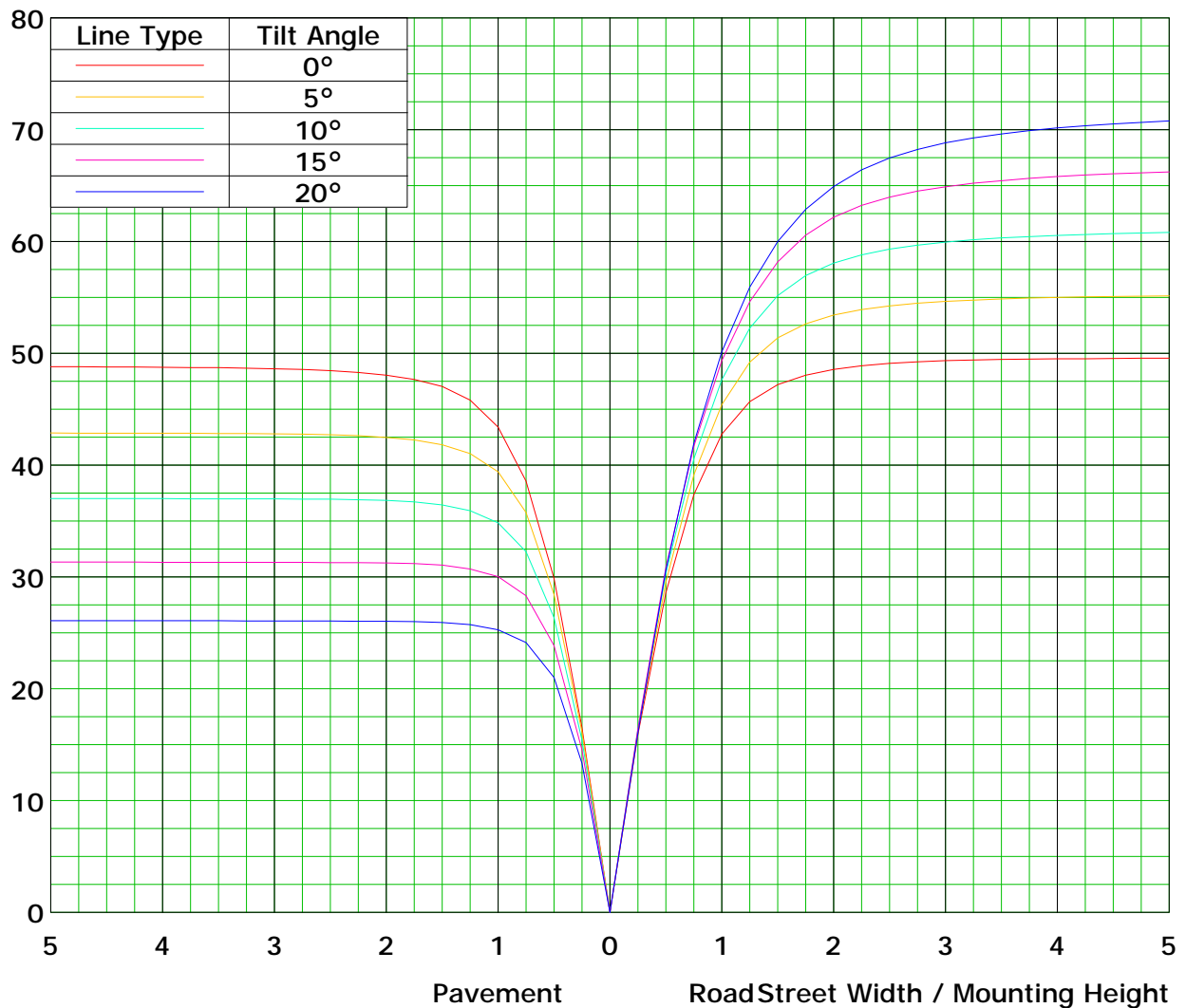
| | | | |
|------------------------|--------|-----------------------|--------|
| Mounting Height: 10.0m | | Max Lux(100%): 0.8 lx | |
| — (1%): | 0.0 lx | — (2%): | 0.0 lx |
| — (5%): | 0.0 lx | — (10%): | 0.1 lx |
| — (20%): | 0.2 lx | — (50%): | 0.4 lx |
| — (100%): | 0.8 lx | | |

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: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)



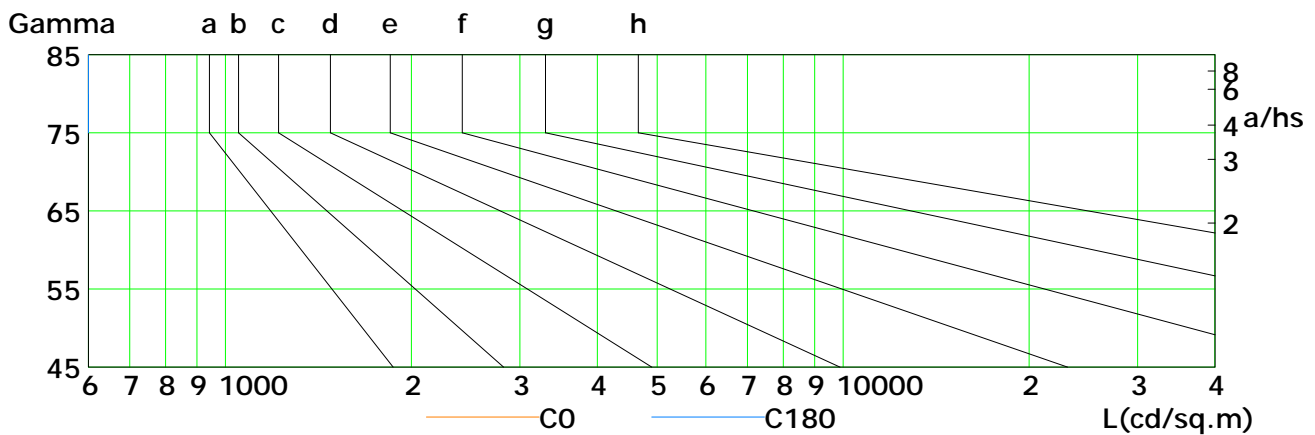
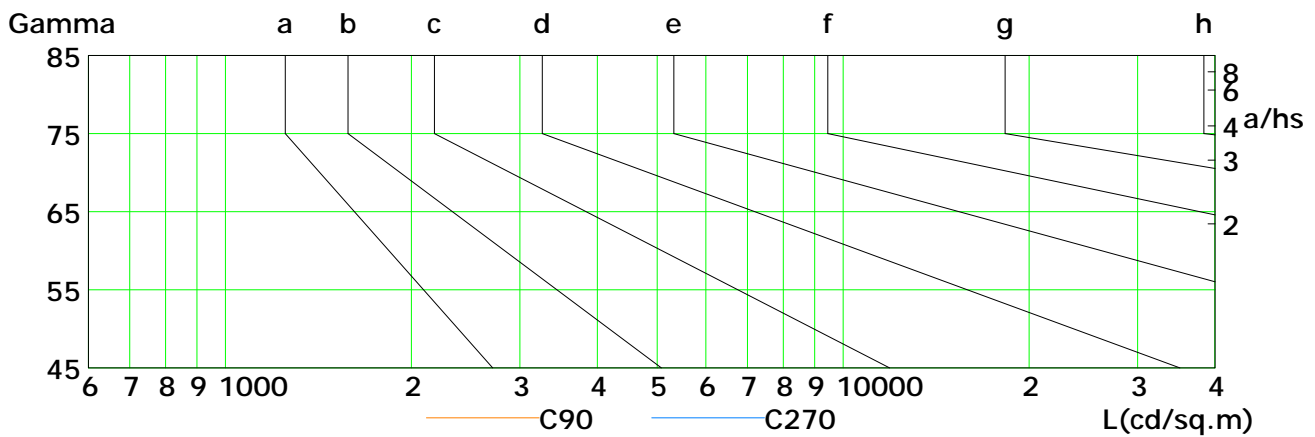
C Plane (°):0.0-360.0: 45.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 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

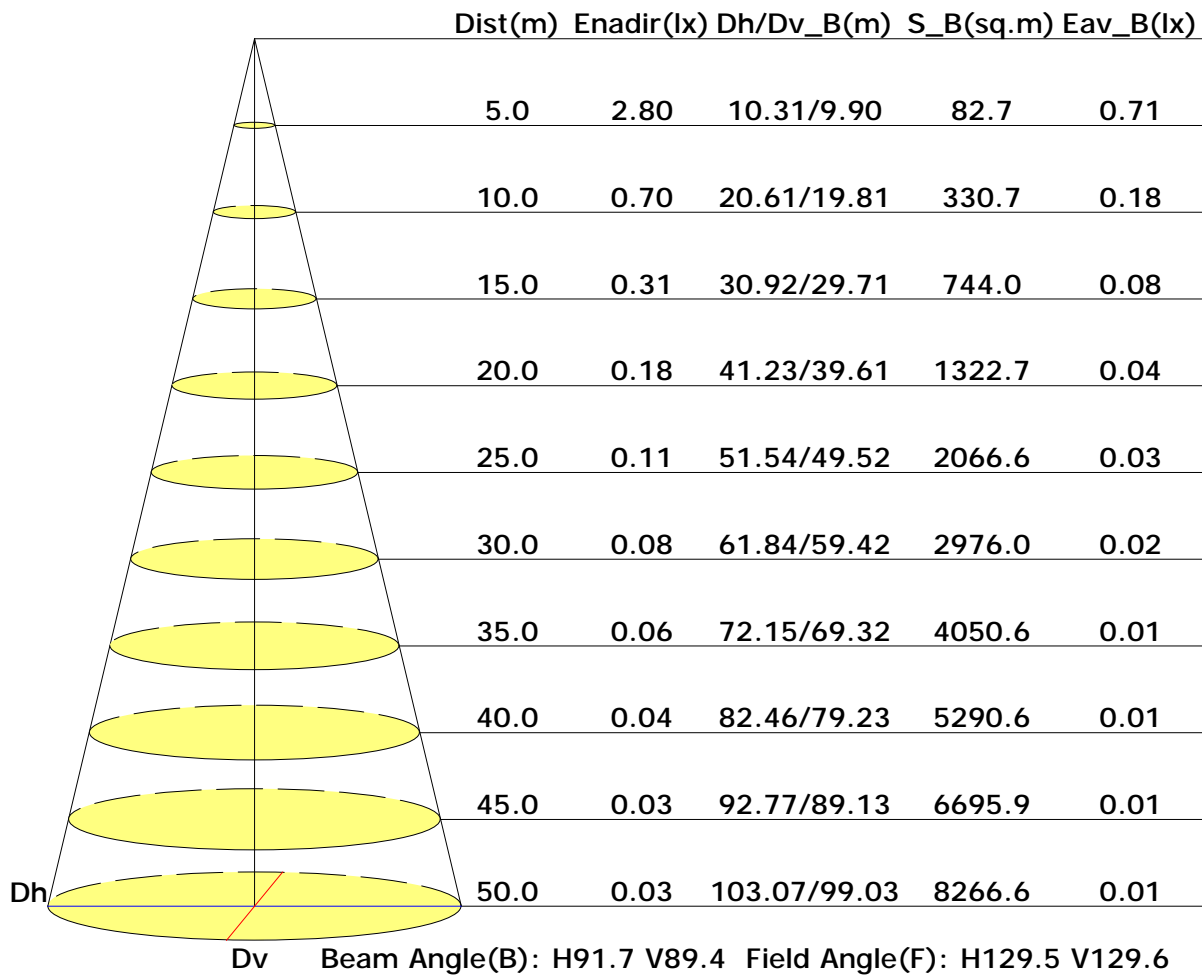


| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| C0 | 41 | 26 | 17 | 13 | 7 | 4 | 1 | 0 | 0 |
| C90 | 25 | 17 | 13 | 5 | 5 | 0 | 0 | 1 | 0 |
| C180 | 34 | 24 | 16 | 9 | 7 | 1 | 0 | 0 | 0 |
| C270 | 47 | 36 | 25 | 14 | 11 | 3 | 1 | 0 | 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: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

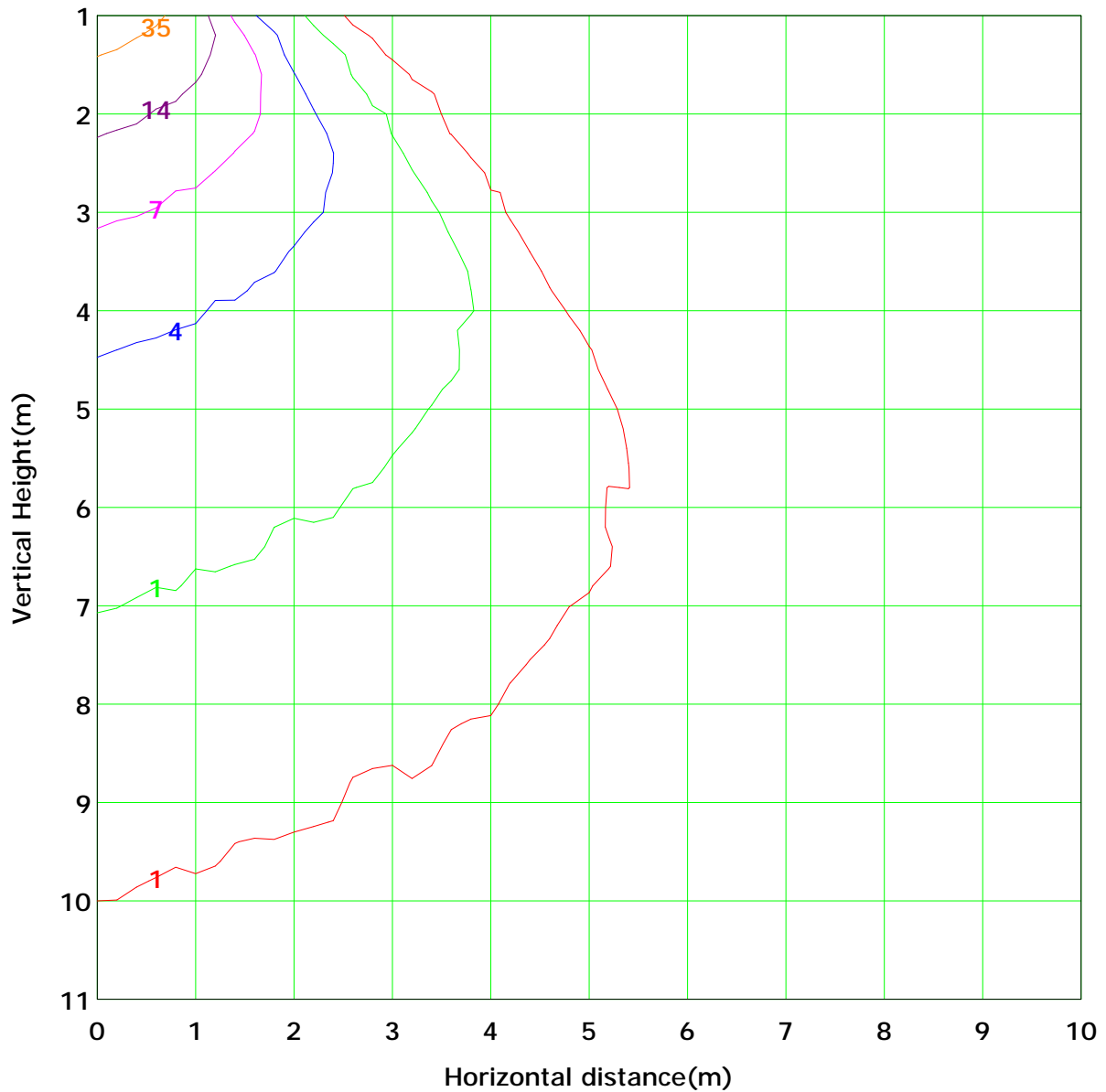
Illuminance at a Distance



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

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Vertical IsoLux Plot

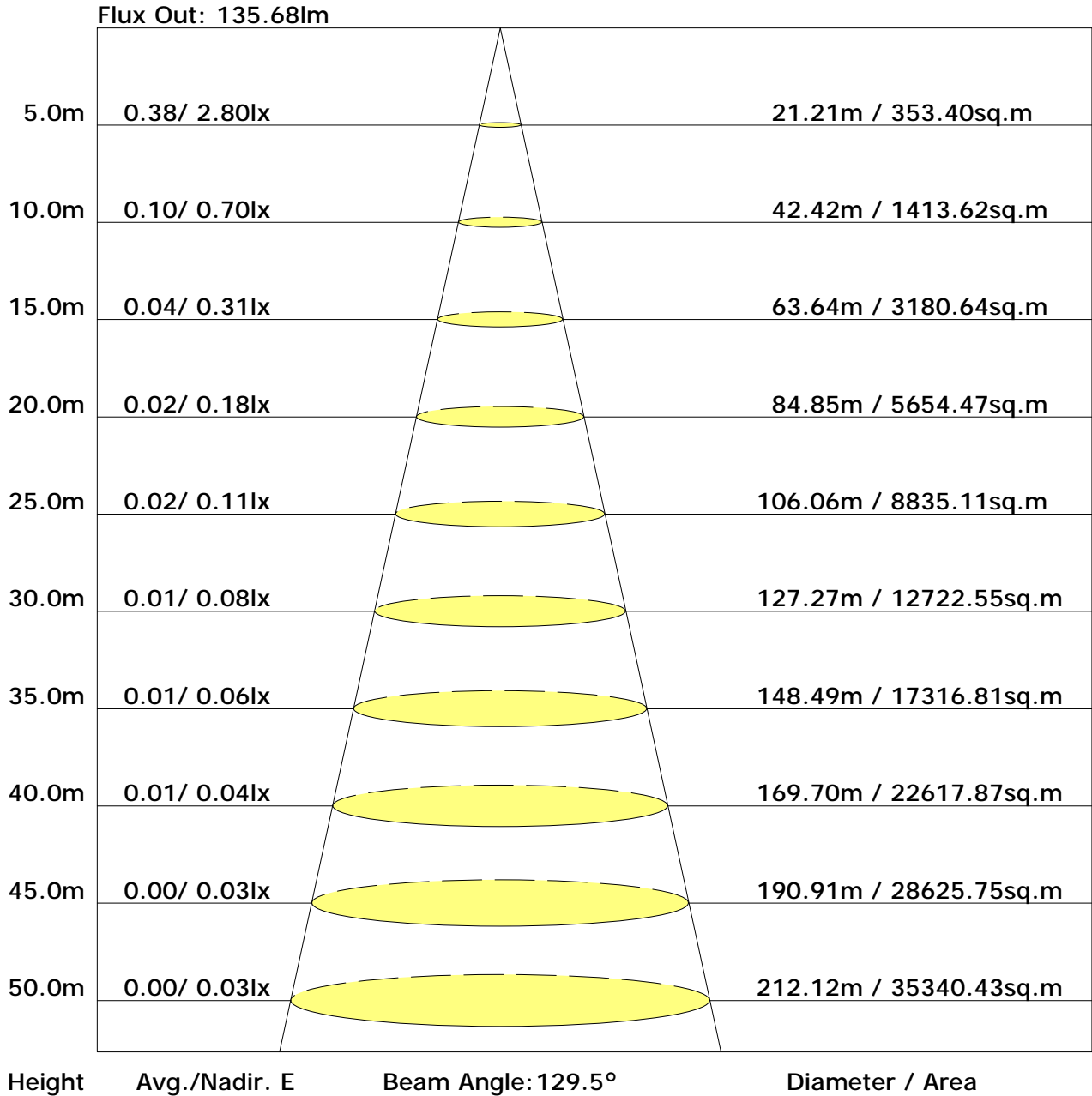


| | | |
|-----------------|-------------------|------------------|
| Lowest(m): 1.0m | Highest(m): 11.0m | Max Lux: 70.1 lx |
| (1%): 0.7 lx | (2%): 1.4 lx | |
| (5%): 3.5 lx | (10%): 7.0 lx | |
| (20%): 14.0 lx | (50%): 35.0 lx | |
| (100%): 70.1 lx | | |

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: GPM-1600
 Distance: 8.177 m
 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: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

UGR Table

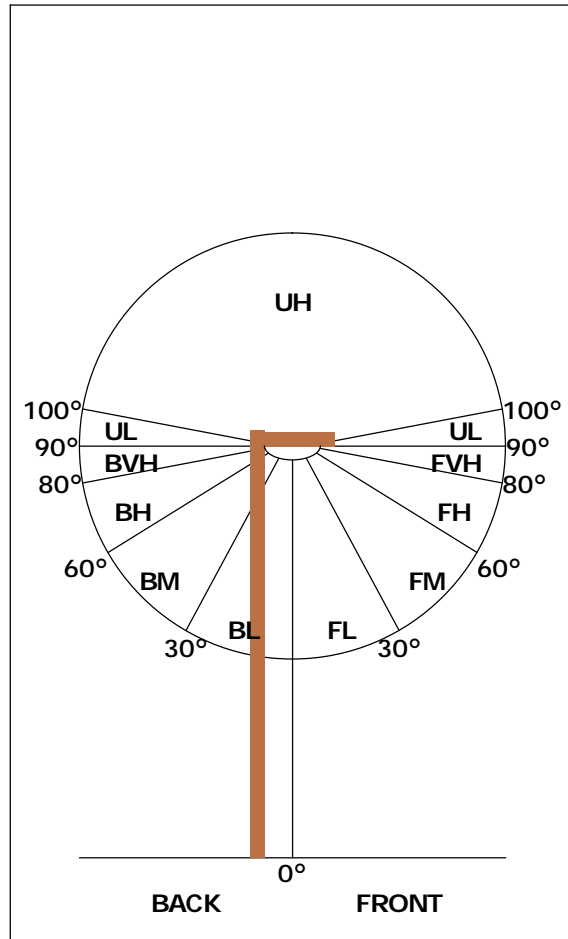
| Reflectance: | | | | | | | | | | |
|------------------|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Ceiling (cavity) | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 |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

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: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM



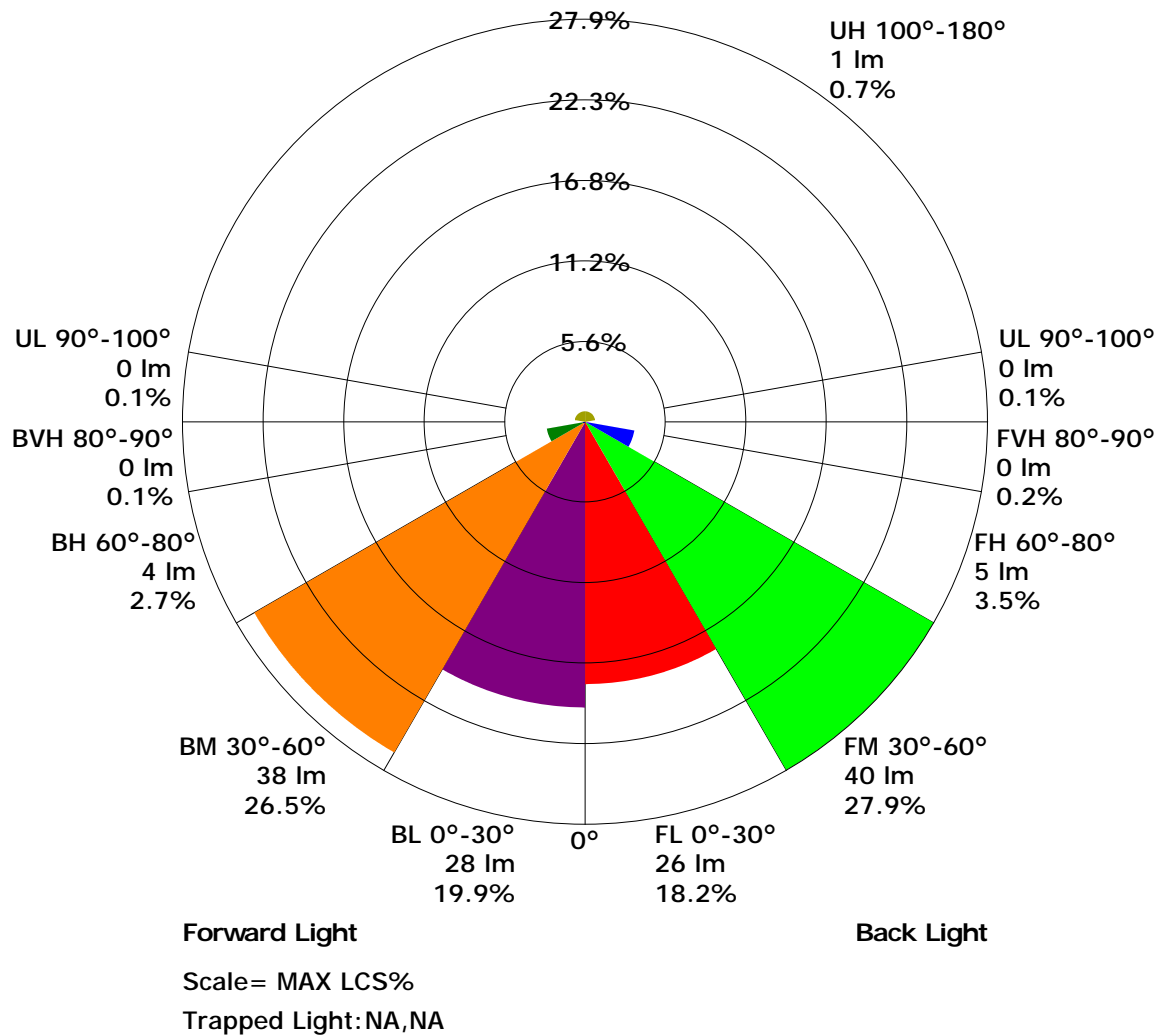
| ZONE | LUMENS | % LAMP LUMENS |
|----------------------|-----------|---------------|
| FORWARD LIGHT | 71 | 49.9 |
| FL (0°-30°) | 26 | 18.2 |
| FM (30°-60°) | 40 | 27.9 |
| FH (60°-80°) | 5 | 3.5 |
| FVH (80°-90°) | 0 | 0.2 |
| BACK LIGHT | 70 | 49.2 |
| BL (0°-30°) | 28 | 19.9 |
| BM (30°-60°) | 38 | 26.5 |
| BH (60°-80°) | 4 | 2.7 |
| BVH (80°-90°) | 0 | 0.1 |
| UP LIGHT | 1 | 0.9 |
| UL (90°-100°) | 0 | 0.1 |
| UH (100°-180°) | 1 | 0.7 |
| 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 (°):0.0-180.0:1.0
 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 (°):0.0-180.0:1.0
 Test Device: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Utilisation Factor Table(Floor cavity)

| Utilisation Factors UF(F) | | | SHR NOM = 1.25 | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|
| 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 | 0.68 | 0.78 | 0.84 | 0.89 | 0.95 | 0.99 | 1.01 | 1.05 | 1.07 |
| | 0.30 | | 0.62 | 0.72 | 0.79 | 0.84 | 0.90 | 0.95 | 0.98 | 1.02 | 1.04 |
| | 0.20 | | 0.57 | 0.67 | 0.74 | 0.79 | 0.86 | 0.91 | 0.94 | 0.99 | 1.02 |
| 0.50 | 0.50 | 0.20 | 0.66 | 0.76 | 0.82 | 0.86 | 0.92 | 0.95 | 0.98 | 1.01 | 1.03 |
| | 0.30 | | 0.61 | 0.71 | 0.77 | 0.82 | 0.88 | 0.92 | 0.95 | 0.98 | 1.00 |
| | 0.20 | | 0.56 | 0.67 | 0.73 | 0.78 | 0.85 | 0.89 | 0.92 | 0.96 | 0.99 |
| 0.30 | 0.50 | 0.20 | 0.65 | 0.74 | 0.80 | 0.84 | 0.89 | 0.92 | 0.94 | 0.97 | 0.99 |
| | 0.30 | | 0.60 | 0.69 | 0.76 | 0.80 | 0.86 | 0.89 | 0.92 | 0.95 | 0.97 |
| | 0.20 | | 0.56 | 0.66 | 0.72 | 0.77 | 0.83 | 0.87 | 0.90 | 0.93 | 0.96 |
| 0.00 | 0.00 | 0.00 | 0.54 | 0.64 | 0.70 | 0.74 | 0.80 | 0.83 | 0.86 | 0.89 | 0.91 |
| <p>Rating:2W 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: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Utilisation Factor Table(Wall)

| Utilisation Factors UF(W) | | | SHR NOM = 1.25 | | | | | | | | | |
|--|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| 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 | 0.65 | 0.54 | 0.46 | 0.36 | 0.30 | 0.25 | 0.19 | 0.16 | |
| | 0.30 | | 0.68 | 0.56 | 0.47 | 0.41 | 0.33 | 0.27 | 0.23 | 0.18 | 0.15 | |
| | 0.20 | | 0.58 | 0.49 | 0.42 | 0.37 | 0.30 | 0.25 | 0.22 | 0.17 | 0.14 | |
| 0.50 | 0.50 | 0.20 | 0.78 | 0.62 | 0.51 | 0.44 | 0.34 | 0.32 | 0.24 | 0.18 | 0.15 | |
| | 0.30 | | 0.66 | 0.54 | 0.45 | 0.39 | 0.31 | 0.26 | 0.22 | 0.17 | 0.14 | |
| | 0.20 | | 0.57 | 0.48 | 0.41 | 0.36 | 0.29 | 0.24 | 0.21 | 0.16 | 0.13 | |
| 0.30 | 0.50 | 0.20 | 0.76 | 0.59 | 0.49 | 0.42 | 0.32 | 0.26 | 0.22 | 0.17 | 0.14 | |
| | 0.30 | | 0.65 | 0.52 | 0.44 | 0.38 | 0.30 | 0.25 | 0.21 | 0.16 | 0.13 | |
| | 0.20 | | 0.57 | 0.47 | 0.40 | 0.35 | 0.28 | 0.23 | 0.20 | 0.15 | 0.13 | |
| 0.00 | 0.00 | 0.00 | 0.45 | 0.36 | 0.29 | 0.25 | 0.19 | 0.16 | 0.13 | 0.10 | 0.08 | |
| <p>Rating: 2W 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: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Utilisation Factor Table(Ceiling cavity)

| Utilisation Factors UF(C) | | | SHR NOM = 1.25 | | | | | | | | | |
|---|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| 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 | 0.15 | 0.17 | 0.17 | 0.18 | 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 | 0.09 | 0.11 | 0.13 | 0.14 | 0.15 | 0.17 | 0.18 | |
| 0.50 | 0.50 | 0.20 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.19 | 0.20 | 0.20 | 0.21 | |
| | 0.30 | | 0.10 | 0.11 | 0.12 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | |
| | 0.20 | | 0.06 | 0.07 | 0.09 | 0.10 | 0.12 | 0.14 | 0.15 | 0.16 | 0.17 | |
| 0.30 | 0.50 | 0.20 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 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 | 0.18 | |
| | 0.20 | | 0.06 | 0.07 | 0.09 | 0.10 | 0.12 | 0.14 | 0.15 | 0.16 | 0.17 | |
| 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | |
| <p>Rating:2W 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: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 0.0-1.0 | 67.3 | 0.1 | 0.1 | 0.05 | 0.05 |
| 1.0-2.0 | 67.3 | 0.2 | 0.3 | 0.14 | 0.18 |
| 2.0-3.0 | 67.9 | 0.3 | 0.6 | 0.23 | 0.41 |
| 3.0-4.0 | 68.5 | 0.5 | 1.0 | 0.32 | 0.73 |
| 4.0-5.0 | 68.0 | 0.6 | 1.6 | 0.41 | 1.14 |
| 5.0-6.0 | 67.5 | 0.7 | 2.3 | 0.50 | 1.64 |
| 6.0-7.0 | 67.4 | 0.8 | 3.2 | 0.59 | 2.23 |
| 7.0-8.0 | 67.7 | 1.0 | 4.1 | 0.68 | 2.91 |
| 8.0-9.0 | 67.8 | 1.1 | 5.2 | 0.77 | 3.69 |
| 9.0-10.0 | 67.2 | 1.2 | 6.5 | 0.86 | 4.54 |
| 10.0-11.0 | 66.7 | 1.3 | 7.8 | 0.94 | 5.48 |
| 11.0-12.0 | 67.2 | 1.5 | 9.3 | 1.03 | 6.51 |
| 12.0-13.0 | 67.4 | 1.6 | 10.9 | 1.12 | 7.64 |
| 13.0-14.0 | 67.2 | 1.7 | 12.6 | 1.21 | 8.85 |
| 14.0-15.0 | 67.2 | 1.8 | 14.4 | 1.30 | 10.15 |
| 15.0-16.0 | 66.3 | 1.9 | 16.4 | 1.37 | 11.51 |
| 16.0-17.0 | 66.1 | 2.1 | 18.4 | 1.45 | 12.96 |
| 17.0-18.0 | 66.8 | 2.2 | 20.6 | 1.55 | 14.51 |
| 18.0-19.0 | 66.4 | 2.3 | 22.9 | 1.62 | 16.13 |
| 19.0-20.0 | 65.8 | 2.4 | 25.3 | 1.69 | 17.83 |
| 20.0-21.0 | 65.6 | 2.5 | 27.9 | 1.77 | 19.60 |
| 21.0-22.0 | 64.7 | 2.6 | 30.5 | 1.83 | 21.43 |
| 22.0-23.0 | 64.3 | 2.7 | 33.2 | 1.90 | 23.33 |
| 23.0-24.0 | 63.9 | 2.8 | 36.0 | 1.97 | 25.30 |
| 24.0-25.0 | 62.9 | 2.9 | 38.8 | 2.01 | 27.31 |
| 25.0-26.0 | 62.4 | 2.9 | 41.8 | 2.07 | 29.38 |
| 26.0-27.0 | 61.4 | 3.0 | 44.8 | 2.11 | 31.49 |
| 27.0-28.0 | 60.6 | 3.1 | 47.8 | 2.16 | 33.65 |
| 28.0-29.0 | 60.1 | 3.1 | 51.0 | 2.21 | 35.86 |
| 29.0-30.0 | 58.7 | 3.2 | 54.2 | 2.23 | 38.09 |
| 30.0-31.0 | 57.3 | 3.2 | 57.3 | 2.24 | 40.33 |
| 31.0-32.0 | 56.8 | 3.3 | 60.6 | 2.29 | 42.62 |
| 32.0-33.0 | 56.4 | 3.3 | 63.9 | 2.34 | 44.96 |
| 33.0-34.0 | 54.7 | 3.3 | 67.2 | 2.33 | 47.29 |
| 34.0-35.0 | 52.8 | 3.3 | 70.5 | 2.31 | 49.60 |
| 35.0-36.0 | 52.0 | 3.3 | 73.8 | 2.33 | 51.93 |

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: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 1)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 36.0-37.0 | 51.3 | 3.3 | 77.2 | 2.35 | 54.28 |
| 37.0-38.0 | 50.3 | 3.4 | 80.5 | 2.36 | 56.64 |
| 38.0-39.0 | 49.1 | 3.3 | 83.9 | 2.36 | 59.00 |
| 39.0-40.0 | 47.2 | 3.3 | 87.2 | 2.32 | 61.31 |
| 40.0-41.0 | 45.3 | 3.2 | 90.4 | 2.27 | 63.58 |
| 41.0-42.0 | 43.4 | 3.2 | 93.6 | 2.22 | 65.80 |
| 42.0-43.0 | 41.6 | 3.1 | 96.6 | 2.17 | 67.97 |
| 43.0-44.0 | 40.5 | 3.1 | 99.7 | 2.15 | 70.12 |
| 44.0-45.0 | 38.5 | 3.0 | 102.7 | 2.08 | 72.20 |
| 45.0-46.0 | 35.9 | 2.8 | 105.5 | 1.97 | 74.18 |
| 46.0-47.0 | 33.9 | 2.7 | 108.2 | 1.90 | 76.08 |
| 47.0-48.0 | 31.8 | 2.6 | 110.7 | 1.81 | 77.89 |
| 48.0-49.0 | 30.0 | 2.5 | 113.2 | 1.73 | 79.62 |
| 49.0-50.0 | 27.8 | 2.3 | 115.5 | 1.63 | 81.25 |
| 50.0-51.0 | 25.2 | 2.1 | 117.6 | 1.50 | 82.75 |
| 51.0-52.0 | 23.4 | 2.0 | 119.7 | 1.41 | 84.16 |
| 52.0-53.0 | 21.8 | 1.9 | 121.5 | 1.33 | 85.49 |
| 53.0-54.0 | 20.4 | 1.8 | 123.4 | 1.27 | 86.76 |
| 54.0-55.0 | 19.1 | 1.7 | 125.1 | 1.20 | 87.96 |
| 55.0-56.0 | 17.5 | 1.6 | 126.6 | 1.11 | 89.07 |
| 56.0-57.0 | 15.7 | 1.4 | 128.1 | 1.01 | 90.08 |
| 57.0-58.0 | 14.1 | 1.3 | 129.4 | 0.92 | 91.00 |
| 58.0-59.0 | 12.4 | 1.2 | 130.5 | 0.82 | 91.82 |
| 59.0-60.0 | 10.8 | 1.0 | 131.6 | 0.72 | 92.53 |
| 60.0-61.0 | 9.7 | 0.9 | 132.5 | 0.65 | 93.19 |
| 61.0-62.0 | 9.5 | 0.9 | 133.4 | 0.64 | 93.83 |
| 62.0-63.0 | 9.5 | 0.9 | 134.3 | 0.65 | 94.48 |
| 63.0-64.0 | 8.2 | 0.8 | 135.1 | 0.57 | 95.05 |
| 64.0-65.0 | 7.3 | 0.7 | 135.9 | 0.51 | 95.55 |
| 65.0-66.0 | 6.9 | 0.7 | 136.5 | 0.48 | 96.03 |
| 66.0-67.0 | 5.8 | 0.6 | 137.1 | 0.41 | 96.45 |
| 67.0-68.0 | 4.8 | 0.5 | 137.6 | 0.34 | 96.78 |
| 68.0-69.0 | 4.3 | 0.4 | 138.0 | 0.31 | 97.09 |
| 69.0-70.0 | 3.2 | 0.3 | 138.4 | 0.23 | 97.33 |
| 70.0-71.0 | 3.4 | 0.4 | 138.7 | 0.25 | 97.58 |
| 71.0-72.0 | 4.3 | 0.4 | 139.2 | 0.31 | 97.89 |

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: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector:

Zonal Lumen (Continue 2)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 72.0-73.0 | 3.2 | 0.3 | 139.5 | 0.24 | 98.12 |
| 73.0-74.0 | 2.1 | 0.2 | 139.7 | 0.15 | 98.28 |
| 74.0-75.0 | 1.4 | 0.1 | 139.9 | 0.10 | 98.38 |
| 75.0-76.0 | 1.0 | 0.1 | 140.0 | 0.07 | 98.45 |
| 76.0-77.0 | 1.3 | 0.1 | 140.1 | 0.09 | 98.54 |
| 77.0-78.0 | 1.2 | 0.1 | 140.2 | 0.09 | 98.64 |
| 78.0-79.0 | 1.0 | 0.1 | 140.3 | 0.07 | 98.71 |
| 79.0-80.0 | 0.9 | 0.1 | 140.4 | 0.06 | 98.78 |
| 80.0-81.0 | 0.9 | 0.1 | 140.5 | 0.07 | 98.84 |
| 81.0-82.0 | 0.7 | 0.1 | 140.6 | 0.05 | 98.90 |
| 82.0-83.0 | 0.5 | 0.1 | 140.7 | 0.04 | 98.94 |
| 83.0-84.0 | 0.7 | 0.1 | 140.7 | 0.05 | 98.99 |
| 84.0-85.0 | 0.6 | 0.1 | 140.8 | 0.04 | 99.04 |
| 85.0-86.0 | 0.4 | 0.0 | 140.9 | 0.03 | 99.07 |
| 86.0-87.0 | 0.3 | 0.0 | 140.9 | 0.02 | 99.09 |
| 87.0-88.0 | 0.2 | 0.0 | 140.9 | 0.02 | 99.11 |
| 88.0-89.0 | 0.2 | 0.0 | 140.9 | 0.01 | 99.13 |
| 89.0-90.0 | 0.1 | 0.0 | 141.0 | 0.01 | 99.14 |
| 90.0-91.0 | 0.3 | 0.0 | 141.0 | 0.02 | 99.16 |
| 91.0-92.0 | 0.3 | 0.0 | 141.0 | 0.02 | 99.18 |
| 92.0-93.0 | 0.2 | 0.0 | 141.0 | 0.01 | 99.19 |
| 93.0-94.0 | 0.2 | 0.0 | 141.0 | 0.01 | 99.20 |
| 94.0-95.0 | 0.1 | 0.0 | 141.1 | 0.01 | 99.21 |
| 95.0-96.0 | 0.1 | 0.0 | 141.1 | 0.01 | 99.22 |
| 96.0-97.0 | 0.1 | 0.0 | 141.1 | 0.01 | 99.23 |
| 97.0-98.0 | 0.2 | 0.0 | 141.1 | 0.01 | 99.24 |
| 98.0-99.0 | 0.1 | 0.0 | 141.1 | 0.01 | 99.25 |
| 99.0-100.0 | 0.1 | 0.0 | 141.1 | 0.01 | 99.26 |
| 100.0-101.0 | 0.2 | 0.0 | 141.1 | 0.01 | 99.27 |
| 101.0-102.0 | 0.1 | 0.0 | 141.2 | 0.01 | 99.28 |
| 102.0-103.0 | 0.1 | 0.0 | 141.2 | 0.01 | 99.29 |
| 103.0-104.0 | 0.1 | 0.0 | 141.2 | 0.01 | 99.30 |
| 104.0-105.0 | 0.0 | 0.0 | 141.2 | 0.00 | 99.30 |
| 105.0-106.0 | 0.1 | 0.0 | 141.2 | 0.01 | 99.31 |
| 106.0-107.0 | 0.2 | 0.0 | 141.2 | 0.02 | 99.33 |
| 107.0-108.0 | 0.2 | 0.0 | 141.2 | 0.01 | 99.34 |

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: 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 [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 108.0-109.0 | 0.1 | 0.0 | 141.3 | 0.01 | 99.35 |
| 109.0-110.0 | 0.1 | 0.0 | 141.3 | 0.01 | 99.36 |
| 110.0-111.0 | 0.1 | 0.0 | 141.3 | 0.00 | 99.36 |
| 111.0-112.0 | 0.1 | 0.0 | 141.3 | 0.01 | 99.37 |
| 112.0-113.0 | 0.1 | 0.0 | 141.3 | 0.01 | 99.38 |
| 113.0-114.0 | 0.1 | 0.0 | 141.3 | 0.01 | 99.39 |
| 114.0-115.0 | 0.1 | 0.0 | 141.3 | 0.01 | 99.39 |
| 115.0-116.0 | 0.1 | 0.0 | 141.3 | 0.01 | 99.40 |
| 116.0-117.0 | 0.1 | 0.0 | 141.3 | 0.01 | 99.41 |
| 117.0-118.0 | 0.2 | 0.0 | 141.4 | 0.01 | 99.43 |
| 118.0-119.0 | 0.2 | 0.0 | 141.4 | 0.02 | 99.44 |
| 119.0-120.0 | 0.2 | 0.0 | 141.4 | 0.01 | 99.45 |
| 120.0-121.0 | 0.2 | 0.0 | 141.4 | 0.01 | 99.47 |
| 121.0-122.0 | 0.2 | 0.0 | 141.4 | 0.01 | 99.48 |
| 122.0-123.0 | 0.1 | 0.0 | 141.4 | 0.01 | 99.49 |
| 123.0-124.0 | 0.1 | 0.0 | 141.5 | 0.01 | 99.50 |
| 124.0-125.0 | 0.1 | 0.0 | 141.5 | 0.01 | 99.50 |
| 125.0-126.0 | 0.2 | 0.0 | 141.5 | 0.01 | 99.51 |
| 126.0-127.0 | 0.2 | 0.0 | 141.5 | 0.01 | 99.53 |
| 127.0-128.0 | 0.2 | 0.0 | 141.5 | 0.01 | 99.54 |
| 128.0-129.0 | 0.2 | 0.0 | 141.5 | 0.01 | 99.55 |
| 129.0-130.0 | 0.3 | 0.0 | 141.6 | 0.02 | 99.57 |
| 130.0-131.0 | 0.3 | 0.0 | 141.6 | 0.02 | 99.59 |
| 131.0-132.0 | 0.2 | 0.0 | 141.6 | 0.01 | 99.60 |
| 132.0-133.0 | 0.1 | 0.0 | 141.6 | 0.01 | 99.60 |
| 133.0-134.0 | 0.1 | 0.0 | 141.6 | 0.01 | 99.61 |
| 134.0-135.0 | 0.2 | 0.0 | 141.6 | 0.01 | 99.62 |
| 135.0-136.0 | 0.3 | 0.0 | 141.7 | 0.02 | 99.64 |
| 136.0-137.0 | 0.4 | 0.0 | 141.7 | 0.02 | 99.66 |
| 137.0-138.0 | 0.3 | 0.0 | 141.7 | 0.02 | 99.68 |
| 138.0-139.0 | 0.3 | 0.0 | 141.7 | 0.01 | 99.69 |
| 139.0-140.0 | 0.2 | 0.0 | 141.8 | 0.01 | 99.71 |
| 140.0-141.0 | 0.2 | 0.0 | 141.8 | 0.01 | 99.71 |
| 141.0-142.0 | 0.2 | 0.0 | 141.8 | 0.01 | 99.72 |
| 142.0-143.0 | 0.2 | 0.0 | 141.8 | 0.01 | 99.74 |
| 143.0-144.0 | 0.2 | 0.0 | 141.8 | 0.01 | 99.74 |

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: 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 [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 144.0-145.0 | 0.0 | 0.0 | 141.8 | 0.00 | 99.74 |
| 145.0-146.0 | 0.0 | 0.0 | 141.8 | 0.00 | 99.75 |
| 146.0-147.0 | 0.1 | 0.0 | 141.8 | 0.00 | 99.75 |
| 147.0-148.0 | 0.2 | 0.0 | 141.8 | 0.01 | 99.76 |
| 148.0-149.0 | 0.2 | 0.0 | 141.9 | 0.01 | 99.77 |
| 149.0-150.0 | 0.0 | 0.0 | 141.9 | 0.00 | 99.77 |
| 150.0-151.0 | 0.2 | 0.0 | 141.9 | 0.01 | 99.78 |
| 151.0-152.0 | 0.3 | 0.0 | 141.9 | 0.01 | 99.79 |
| 152.0-153.0 | 0.3 | 0.0 | 141.9 | 0.01 | 99.80 |
| 153.0-154.0 | 0.3 | 0.0 | 141.9 | 0.01 | 99.81 |
| 154.0-155.0 | 0.3 | 0.0 | 141.9 | 0.01 | 99.82 |
| 155.0-156.0 | 0.4 | 0.0 | 141.9 | 0.01 | 99.83 |
| 156.0-157.0 | 0.5 | 0.0 | 142.0 | 0.02 | 99.85 |
| 157.0-158.0 | 0.6 | 0.0 | 142.0 | 0.02 | 99.86 |
| 158.0-159.0 | 0.5 | 0.0 | 142.0 | 0.01 | 99.88 |
| 159.0-160.0 | 0.5 | 0.0 | 142.0 | 0.01 | 99.89 |
| 160.0-161.0 | 0.6 | 0.0 | 142.0 | 0.02 | 99.91 |
| 161.0-162.0 | 0.4 | 0.0 | 142.1 | 0.01 | 99.92 |
| 162.0-163.0 | 0.3 | 0.0 | 142.1 | 0.01 | 99.92 |
| 163.0-164.0 | 0.5 | 0.0 | 142.1 | 0.01 | 99.93 |
| 164.0-165.0 | 0.5 | 0.0 | 142.1 | 0.01 | 99.95 |
| 165.0-166.0 | 0.4 | 0.0 | 142.1 | 0.01 | 99.95 |
| 166.0-167.0 | 0.4 | 0.0 | 142.1 | 0.01 | 99.96 |
| 167.0-168.0 | 0.5 | 0.0 | 142.1 | 0.01 | 99.97 |
| 168.0-169.0 | 0.3 | 0.0 | 142.1 | 0.00 | 99.97 |
| 169.0-170.0 | 0.3 | 0.0 | 142.1 | 0.00 | 99.98 |
| 170.0-171.0 | 0.4 | 0.0 | 142.2 | 0.00 | 99.98 |
| 171.0-172.0 | 0.3 | 0.0 | 142.2 | 0.00 | 99.99 |
| 172.0-173.0 | 0.4 | 0.0 | 142.2 | 0.00 | 99.99 |
| 173.0-174.0 | 0.3 | 0.0 | 142.2 | 0.00 | 99.99 |
| 174.0-175.0 | 0.2 | 0.0 | 142.2 | 0.00 | 100.00 |
| 175.0-176.0 | 0.3 | 0.0 | 142.2 | 0.00 | 100.00 |
| 176.0-177.0 | 0.2 | 0.0 | 142.2 | 0.00 | 100.00 |
| 177.0-178.0 | 0.3 | 0.0 | 142.2 | 0.00 | 100.00 |
| 178.0-179.0 | 0.3 | 0.0 | 142.2 | 0.00 | 100.00 |
| 179.0-180.0 | 0.2 | 0.0 | 142.2 | 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: 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 | 70.1 | 65.7 | 68.2 | 64.7 | 70.1 | 65.7 | 68.2 | 64.7 | 70.1 | |
| G1.0 | 70.2 | 68.6 | 66.7 | 65.4 | 69.9 | 67.1 | 66.0 | 65.5 | 70.2 | |
| G2.0 | 68.6 | 63.0 | 61.9 | 64.5 | 70.5 | 72.4 | 71.2 | 66.2 | 68.6 | |
| G3.0 | 67.5 | 66.0 | 64.2 | 63.8 | 70.9 | 73.2 | 72.7 | 70.1 | 67.5 | |
| G4.0 | 66.6 | 64.8 | 63.2 | 62.8 | 71.0 | 74.2 | 74.1 | 71.3 | 66.6 | |
| G5.0 | 65.5 | 63.6 | 59.2 | 62.8 | 70.8 | 74.9 | 71.8 | 71.9 | 65.5 | |
| G6.0 | 67.2 | 62.5 | 62.3 | 62.3 | 68.3 | 72.0 | 72.8 | 72.4 | 67.2 | |
| G7.0 | 66.3 | 58.0 | 62.2 | 61.9 | 68.4 | 72.4 | 77.3 | 72.8 | 66.3 | |
| G8.0 | 65.6 | 61.1 | 61.9 | 61.6 | 71.7 | 75.6 | 74.3 | 72.8 | 65.6 | |
| G9.0 | 61.0 | 60.7 | 62.0 | 61.1 | 68.7 | 75.9 | 78.5 | 72.8 | 61.0 | |
| G10.0 | 64.2 | 60.4 | 61.9 | 62.0 | 69.1 | 74.1 | 74.9 | 68.4 | 64.2 | |
| G11.0 | 63.8 | 59.8 | 61.8 | 60.5 | 69.3 | 74.7 | 74.9 | 67.7 | 63.8 | |
| G12.0 | 63.4 | 59.5 | 61.6 | 61.8 | 69.8 | 76.9 | 78.8 | 71.3 | 63.4 | |
| G13.0 | 63.2 | 57.4 | 57.7 | 59.7 | 74.5 | 77.6 | 79.0 | 66.2 | 63.2 | |
| G14.0 | 63.3 | 58.9 | 61.1 | 59.1 | 74.4 | 77.8 | 79.1 | 65.6 | 63.3 | |
| G15.0 | 63.1 | 58.5 | 56.8 | 58.8 | 74.4 | 79.2 | 79.3 | 65.2 | 63.1 | |
| G16.0 | 58.5 | 58.2 | 60.2 | 58.1 | 70.2 | 80.1 | 75.3 | 64.8 | 58.5 | |
| G17.0 | 58.2 | 57.7 | 59.6 | 57.5 | 74.2 | 81.0 | 79.5 | 64.6 | 58.2 | |
| G18.0 | 58.0 | 57.2 | 58.6 | 59.8 | 73.8 | 81.0 | 79.7 | 68.3 | 58.0 | |
| G19.0 | 57.7 | 56.3 | 57.8 | 55.7 | 69.6 | 81.0 | 80.0 | 67.8 | 57.7 | |
| G20.0 | 61.0 | 56.4 | 53.2 | 58.1 | 72.5 | 80.9 | 80.7 | 63.6 | 61.0 | |
| G21.0 | 60.5 | 54.9 | 52.3 | 57.5 | 71.4 | 82.7 | 76.8 | 66.8 | 60.5 | |
| G22.0 | 59.9 | 54.0 | 55.7 | 53.2 | 69.9 | 80.2 | 76.8 | 62.8 | 59.9 | |
| G23.0 | 57.0 | 53.3 | 54.8 | 56.5 | 66.4 | 82.4 | 80.4 | 65.9 | 57.0 | |
| G24.0 | 56.8 | 54.8 | 49.7 | 55.8 | 65.5 | 81.9 | 76.5 | 65.5 | 56.8 | |
| G25.0 | 56.5 | 51.9 | 49.0 | 55.3 | 66.1 | 80.7 | 75.8 | 65.2 | 56.5 | |
| G26.0 | 57.6 | 54.0 | 53.0 | 50.8 | 64.1 | 79.1 | 74.4 | 64.1 | 57.6 | |
| G27.0 | 56.7 | 50.4 | 53.0 | 50.6 | 63.8 | 73.8 | 73.0 | 63.4 | 56.7 | |
| G28.0 | 55.0 | 49.5 | 52.8 | 54.2 | 62.5 | 72.2 | 75.8 | 62.8 | 55.0 | |
| G29.0 | 54.4 | 52.7 | 52.4 | 53.2 | 61.4 | 71.1 | 70.0 | 61.6 | 54.4 | |
| G30.0 | 53.7 | 48.8 | 47.3 | 48.0 | 59.5 | 73.9 | 72.7 | 59.0 | 53.7 | |
| G31.0 | 52.8 | 52.5 | 50.8 | 47.0 | 57.9 | 67.8 | 67.1 | 58.2 | 52.8 | |
| G32.0 | 52.8 | 52.3 | 49.9 | 49.9 | 56.2 | 65.6 | 70.2 | 58.4 | 52.8 | |
| G33.0 | 51.5 | 47.3 | 49.0 | 48.9 | 57.0 | 67.8 | 69.2 | 57.3 | 51.5 | |
| G34.0 | 50.9 | 46.3 | 43.8 | 43.7 | 55.8 | 62.0 | 67.9 | 56.4 | 50.9 | |
| G35.0 | 50.2 | 45.6 | 47.2 | 42.3 | 54.8 | 60.4 | 62.1 | 55.4 | 50.2 | |
| G36.0 | 51.5 | 48.7 | 41.9 | 44.6 | 53.7 | 58.8 | 60.9 | 54.8 | 51.5 | |

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: 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 | |
|-------|------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G37.0 | 48.3 | 47.5 | 40.3 | 42.8 | 49.2 | 61.0 | 63.2 | 53.7 | 48.3 | |
| G38.0 | 50.0 | 46.1 | 42.5 | 37.5 | 51.3 | 59.2 | 57.9 | 53.9 | 50.0 | |
| G39.0 | 49.0 | 45.0 | 40.9 | 36.1 | 49.5 | 54.0 | 60.2 | 51.8 | 49.0 | |
| G40.0 | 44.8 | 39.7 | 39.4 | 37.3 | 44.0 | 52.1 | 58.6 | 52.6 | 44.8 | |
| G41.0 | 43.5 | 41.8 | 33.6 | 35.1 | 42.6 | 53.5 | 56.9 | 49.4 | 43.5 | |
| G42.0 | 42.1 | 39.8 | 31.5 | 32.6 | 41.0 | 51.7 | 51.8 | 48.1 | 42.1 | |
| G43.0 | 44.3 | 37.9 | 29.4 | 30.3 | 38.8 | 46.9 | 53.1 | 46.8 | 44.3 | |
| G44.0 | 42.4 | 35.8 | 31.2 | 25.9 | 40.5 | 44.8 | 51.3 | 48.4 | 42.4 | |
| G45.0 | 40.5 | 33.5 | 25.3 | 26.0 | 33.9 | 42.5 | 47.3 | 47.2 | 40.5 | |
| G46.0 | 38.6 | 28.9 | 27.3 | 22.2 | 31.6 | 42.1 | 45.4 | 42.0 | 38.6 | |
| G47.0 | 36.7 | 29.0 | 21.6 | 20.6 | 33.0 | 38.3 | 45.1 | 40.6 | 36.7 | |
| G48.0 | 30.3 | 25.0 | 23.6 | 20.4 | 27.4 | 36.1 | 42.5 | 38.8 | 30.3 | |
| G49.0 | 32.6 | 23.4 | 21.9 | 18.8 | 25.3 | 33.9 | 38.5 | 40.9 | 32.6 | |
| G50.0 | 26.3 | 23.1 | 16.6 | 17.1 | 23.6 | 32.3 | 36.0 | 35.0 | 26.3 | |
| G51.0 | 24.1 | 20.3 | 14.9 | 15.1 | 21.9 | 29.7 | 34.3 | 32.9 | 24.1 | |
| G52.0 | 22.2 | 18.8 | 13.6 | 14.1 | 22.2 | 27.6 | 31.4 | 30.8 | 22.2 | |
| G53.0 | 20.3 | 17.3 | 15.9 | 12.6 | 18.7 | 25.5 | 29.1 | 28.4 | 20.3 | |
| G54.0 | 18.7 | 15.8 | 14.4 | 11.2 | 18.4 | 23.6 | 26.8 | 30.4 | 18.7 | |
| G55.0 | 16.9 | 14.7 | 13.4 | 10.8 | 15.9 | 21.8 | 25.1 | 28.3 | 16.9 | |
| G56.0 | 19.1 | 13.5 | 12.2 | 8.7 | 14.8 | 20.0 | 23.3 | 22.2 | 19.1 | |
| G57.0 | 14.2 | 12.4 | 7.6 | 9.0 | 13.3 | 16.4 | 19.9 | 24.5 | 14.2 | |
| G58.0 | 12.9 | 11.6 | 6.8 | 6.6 | 12.4 | 14.6 | 19.8 | 23.0 | 12.9 | |
| G59.0 | 11.8 | 9.0 | 5.9 | 5.6 | 10.1 | 15.4 | 16.1 | 17.3 | 11.8 | |
| G60.0 | 13.4 | 7.8 | 5.1 | 4.9 | 8.9 | 11.2 | 14.4 | 16.0 | 13.4 | |
| G61.0 | 9.7 | 6.9 | 4.4 | 4.2 | 7.7 | 9.7 | 12.9 | 18.2 | 9.7 | |
| G62.0 | 11.1 | 8.6 | 7.0 | 6.1 | 9.0 | 11.8 | 11.4 | 13.3 | 11.1 | |
| G63.0 | 8.1 | 7.9 | 6.4 | 5.6 | 5.8 | 10.8 | 13.1 | 15.4 | 8.1 | |
| G64.0 | 8.9 | 4.2 | 2.6 | 2.2 | 7.8 | 10.1 | 12.0 | 10.9 | 8.9 | |
| G65.0 | 6.7 | 6.9 | 5.4 | 4.9 | 7.3 | 5.3 | 10.9 | 9.9 | 6.7 | |
| G66.0 | 6.9 | 6.6 | 1.7 | 4.6 | 6.8 | 4.5 | 10.0 | 11.7 | 6.9 | |
| G67.0 | 6.0 | 2.3 | 1.3 | 0.7 | 6.3 | 3.7 | 9.1 | 10.5 | 6.0 | |
| G68.0 | 5.2 | 5.7 | 0.9 | 4.0 | 5.9 | 3.0 | 4.5 | 7.1 | 5.2 | |
| G69.0 | 4.5 | 5.2 | 3.9 | 0.1 | 1.7 | 6.6 | 3.6 | 6.3 | 4.5 | |
| G70.0 | 3.9 | 0.8 | 0.2 | 3.3 | 1.3 | 1.8 | 3.1 | 5.7 | 3.9 | |
| G71.0 | 4.3 | 0.3 | 3.4 | 3.2 | 4.8 | 5.5 | 6.6 | 6.7 | 4.3 | |
| G72.0 | 2.6 | 4.2 | 3.1 | 3.0 | 4.5 | 5.1 | 6.1 | 4.7 | 2.6 | |
| G73.0 | 3.7 | 3.9 | 0.0 | 0.0 | 0.0 | 4.6 | 1.4 | 5.1 | 3.7 | |

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: 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 | |
|--------|------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G74.0 | 1.5 | 3.6 | 0.0 | 0.0 | 3.8 | 0.3 | 0.9 | 4.0 | 1.5 | |
| G75.0 | 1.1 | 0.0 | 0.0 | 2.2 | 0.0 | 0.1 | 0.6 | 4.0 | 1.1 | |
| G76.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 3.2 | 0.2 | 3.3 | 0.6 | |
| G77.0 | 0.2 | 0.0 | 0.0 | 0.0 | 2.9 | 2.8 | 4.0 | 2.9 | 0.2 | |
| G78.0 | 2.8 | 0.0 | 0.0 | 1.5 | 0.0 | 0.0 | 0.0 | 2.8 | 2.8 | |
| G79.0 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 2.0 | 3.3 | 1.9 | 0.0 | |
| G80.0 | 0.0 | 0.0 | 1.3 | 1.0 | 0.0 | 1.5 | 0.0 | 1.4 | 0.0 | |
| G81.0 | 2.0 | 1.5 | 0.0 | 0.0 | 1.7 | 0.0 | 2.8 | 0.9 | 2.0 | |
| G82.0 | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 1.9 | |
| G83.0 | 1.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 2.2 | 1.9 | 1.7 | |
| G84.0 | 1.4 | 0.7 | 0.8 | 0.0 | 0.8 | 0.0 | 0.0 | 1.7 | 1.4 | |
| G85.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 1.6 | 1.5 | 0.0 | |
| G86.0 | 0.0 | 0.0 | 0.7 | 0.7 | 0.5 | 0.0 | 0.0 | 1.2 | 0.0 | |
| G87.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.7 | 1.0 | |
| G88.0 | 0.0 | 0.0 | 0.6 | 0.6 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | |
| G89.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.8 | |
| G90.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.2 | 0.0 | 0.4 | 0.2 | 0.0 | |
| G91.0 | 0.8 | 0.0 | 0.5 | 0.6 | 0.3 | 0.0 | 0.4 | 0.4 | 0.8 | |
| G92.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.3 | 0.0 | 0.8 | |
| G93.0 | 0.8 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.8 | |
| G94.0 | 0.8 | 0.0 | 0.2 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | |
| G95.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.7 | 0.0 | |
| G96.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.1 | 0.0 | 0.3 | 0.0 | 0.0 | |
| G97.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.7 | 0.0 | |
| G98.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.4 | 0.0 | 0.8 | 0.0 | |
| G99.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G100.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.8 | 0.7 | |
| G101.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.4 | 0.0 | 0.0 | |
| G102.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | |
| G103.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.7 | |
| G104.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | |
| G105.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | |
| G106.0 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.3 | 0.5 | 0.7 | |
| G107.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.6 | |
| G108.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 | 0.6 | |
| G109.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.0 | 0.1 | 0.0 | |
| G110.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | |

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

Gamma Plane (°):0.0-180.0:1.0
 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 |
|--------|------|-------|-------|--------|--------|--------|--------|--------|--------|
| G111.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 |
| G112.0 | 0.5 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.5 |
| G113.0 | 0.4 | 0.0 | 0.3 | 0.0 | 0.0 | 0.3 | 0.5 | 0.0 | 0.4 |
| G114.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.4 |
| G115.0 | 0.2 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.2 |
| G116.0 | 0.0 | 0.1 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G117.0 | 0.3 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.3 |
| G118.0 | 0.4 | 0.3 | 0.9 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.4 |
| G119.0 | 0.0 | 0.3 | 0.9 | 0.3 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 |
| G120.0 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.2 |
| G121.0 | 0.2 | 0.5 | 1.0 | 0.4 | 0.0 | 0.0 | 0.5 | 0.0 | 0.2 |
| G122.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G123.0 | 0.1 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 |
| G124.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G125.0 | 0.0 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G126.0 | 0.0 | 1.0 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 |
| G127.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 |
| G128.0 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 |
| G129.0 | 0.0 | 0.0 | 0.6 | 1.1 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 |
| G130.0 | 0.0 | 1.1 | 0.6 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 |
| G131.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.7 | 0.6 | 0.0 |
| G132.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.9 | 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 | 0.7 | 0.0 | 0.0 | 0.0 | 0.3 | 0.7 | 0.0 | 0.0 |
| G135.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.4 | 0.7 | 0.0 | 0.0 |
| G136.0 | 0.0 | 0.8 | 0.0 | 0.9 | 0.0 | 0.0 | 0.8 | 1.0 | 0.0 |
| G137.0 | 0.0 | 0.6 | 0.0 | 0.8 | 0.0 | 0.0 | 0.8 | 0.9 | 0.0 |
| G138.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.6 | 0.8 | 0.0 | 0.0 |
| G139.0 | 0.0 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.8 | 1.0 | 0.0 |
| G140.0 | 0.0 | 0.0 | 0.0 | 0.5 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 |
| G141.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 0.6 | 0.0 | 0.0 |
| G142.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 0.8 | 0.0 | 0.0 |
| G143.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 0.8 | 0.0 | 0.0 |
| G144.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 | 0.0 |
| G145.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G146.0 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G147.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 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: 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 | |
|--------|------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| G148.0 | 0.1 | 0.0 | 1.0 | 0.0 | 0.0 | 1.0 | 0.9 | 0.0 | 0.1 | |
| G149.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G150.0 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G151.0 | 0.0 | 0.4 | 1.3 | 0.0 | 0.5 | 0.7 | 0.0 | 0.0 | 0.0 | |
| G152.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G153.0 | 0.0 | 0.8 | 1.4 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | |
| G154.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.8 | 0.3 | 1.0 | 0.0 | 0.0 | |
| G155.0 | 0.0 | 0.0 | 1.4 | 0.6 | 0.0 | 0.1 | 0.0 | 0.0 | 0.0 | |
| G156.0 | 0.5 | 0.0 | 1.4 | 0.0 | 1.0 | 0.0 | 1.0 | 0.0 | 0.5 | |
| G157.0 | 0.0 | 0.0 | 1.4 | 0.8 | 1.1 | 0.0 | 1.0 | 0.0 | 0.0 | |
| G158.0 | 0.0 | 1.3 | 1.4 | 0.9 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | |
| G159.0 | 0.7 | 0.0 | 1.3 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 0.7 | |
| G160.0 | 0.8 | 0.0 | 1.3 | 0.0 | 1.3 | 0.0 | 1.0 | 0.0 | 0.8 | |
| G161.0 | 0.0 | 1.4 | 1.2 | 1.2 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G162.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | 0.4 | 0.0 | |
| G163.0 | 0.0 | 1.4 | 1.0 | 0.0 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G164.0 | 0.0 | 1.4 | 0.9 | 1.4 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G165.0 | 0.0 | 0.0 | 0.6 | 0.0 | 1.4 | 0.0 | 1.0 | 0.8 | 0.0 | |
| G166.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | 0.9 | 0.9 | 0.0 | |
| G167.0 | 1.2 | 0.0 | 0.5 | 1.4 | 0.0 | 0.0 | 0.8 | 0.0 | 1.2 | |
| G168.0 | 1.2 | 0.8 | 0.3 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | |
| G169.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 0.0 | |
| G170.0 | 1.3 | 0.7 | 0.0 | 0.0 | 0.0 | 0.9 | 0.0 | 0.0 | 1.3 | |
| G171.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 1.0 | 0.8 | 0.0 | 0.0 | |
| G172.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.1 | 0.0 | 1.2 | 0.0 | |
| G173.0 | 1.4 | 0.2 | 0.0 | 1.2 | 0.9 | 0.0 | 0.7 | 0.0 | 1.4 | |
| G174.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.8 | 0.0 | 0.0 | 0.0 | 0.0 | |
| G175.0 | 0.0 | 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 1.4 | 0.0 | |
| G176.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 1.5 | |
| G177.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.0 | 0.0 | 1.2 | 0.0 | |
| G178.0 | 1.4 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 0.0 | 0.0 | 1.4 | |
| G179.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 0.0 | 0.7 | 0.0 | |
| G180.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 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: GPM-1600
 Distance: 8.177 m
 Humidity:
 Inspector: