

Report No.:

Test Time: 2022/8/20 08:52

Luminaire Property

Luminaire Manufacturer:

Luminaire Description: 490687 LED-MF-12W-3000K-12V

Voltage: 11.8 V

Current: 1.142 A

Power: 12.02 W

Power Factor: 0.890

Photometric Results

CIE Class: Direct

Total Rated Lamp Lumens: 1224.8 lm

Measurement Flux: 1224.8 lm

Efficiency: 100%

Downward Ratio: 100%

Upward Ratio: 0%

Horizontal Diffuse Angle(10%,50%,75%,100%): H148.9,H85.9,H60.9,H5

Vertical Diffuse Angle(10%,50%,75%,100%): V156.4,V93.2,V56.9,V3

Luminaire Efficacy Rating (LER): 101.95

Central Intensity: 554.55 cd

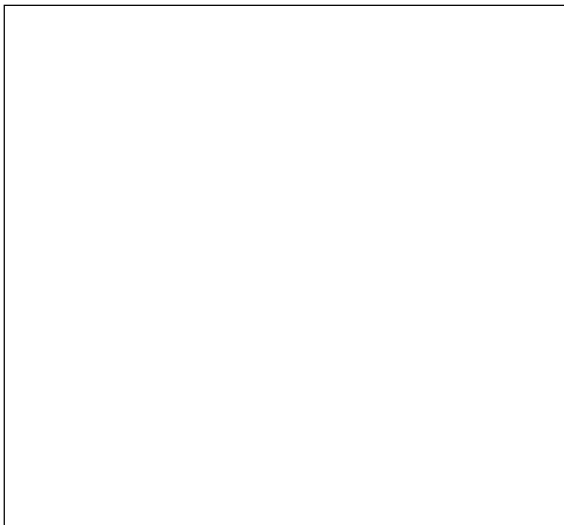
Max. Intensity: 556.02 cd

Pos of Max. Intensity: H180 V5

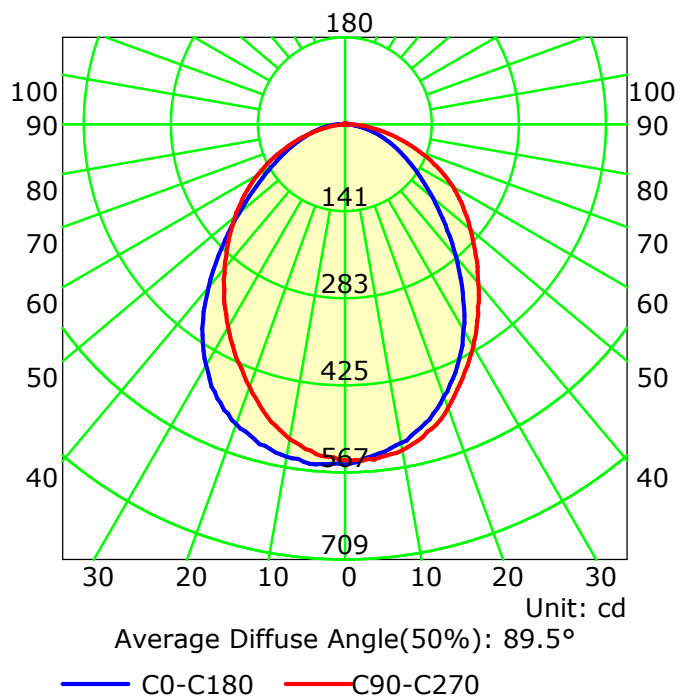
S/MH(C0/C180): 1.14

S/MH(C90/C270): 1.10

Picture Of Luminaire



Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0

Gamma Plane (°):0.0-180.0:1.0

Test Lab:

Test Device: GPM-1800B

Test Type: TYPE C

Distance: 11.655 m [K=1.0000]

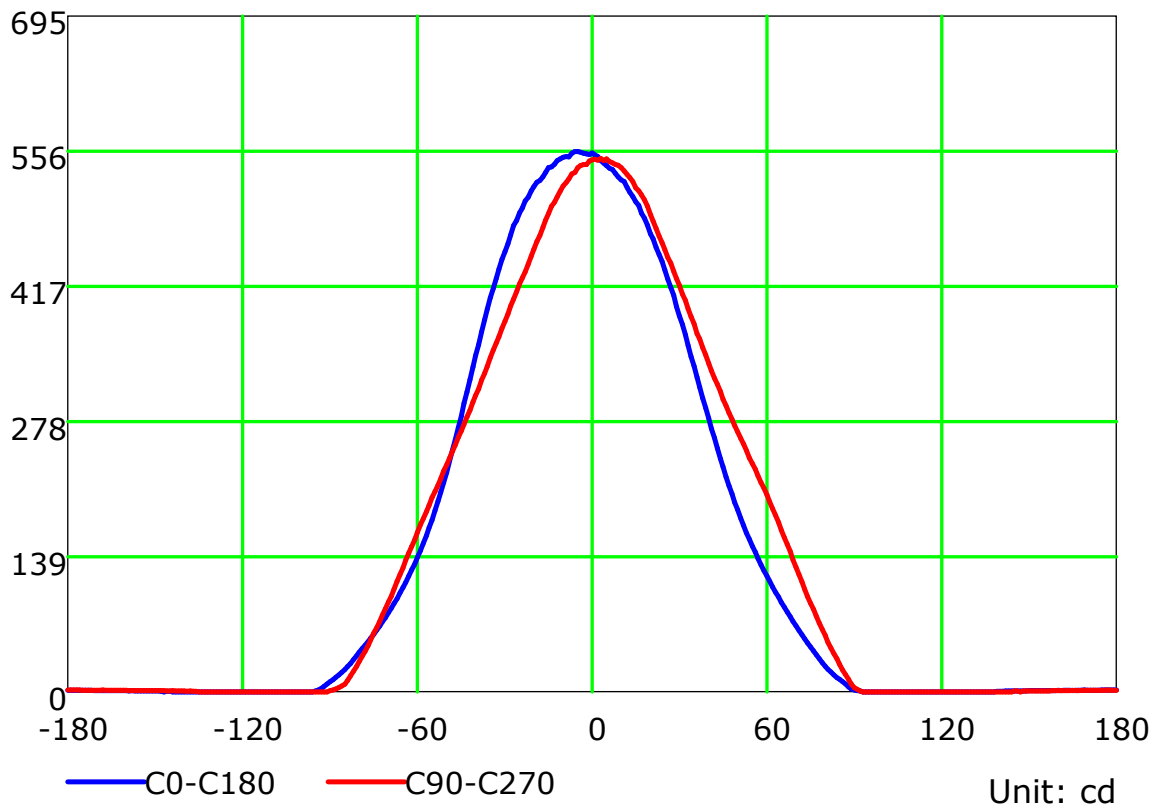
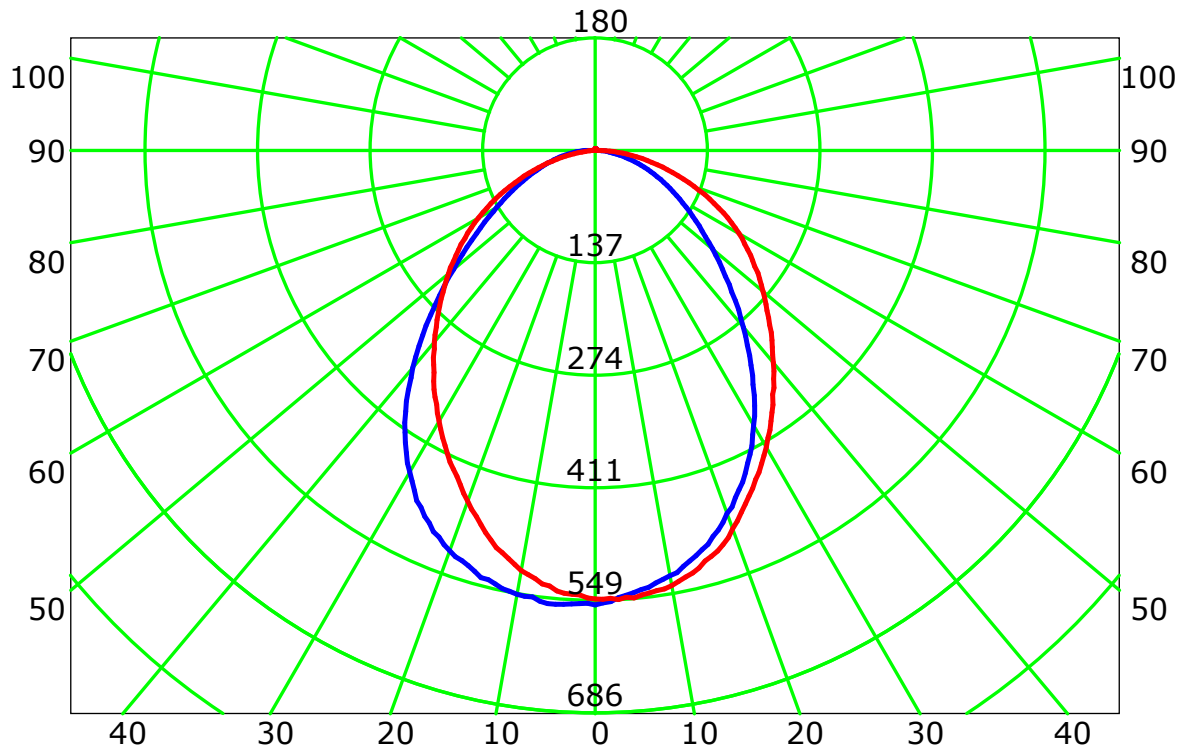
Temperature:

Humidity:

Operator:

Inspector:

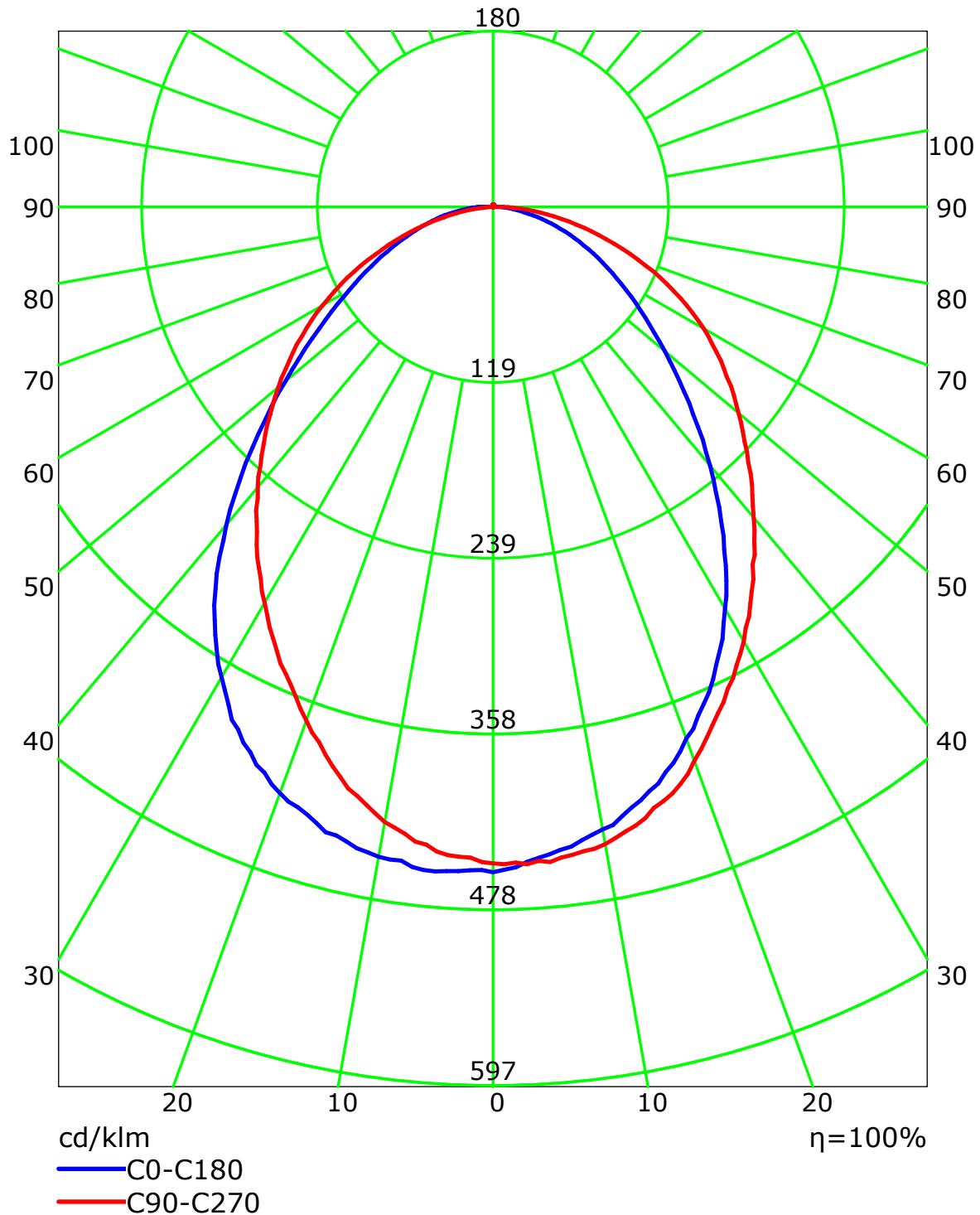
Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Luminous Intensity Distribution Curve(cd/klm)



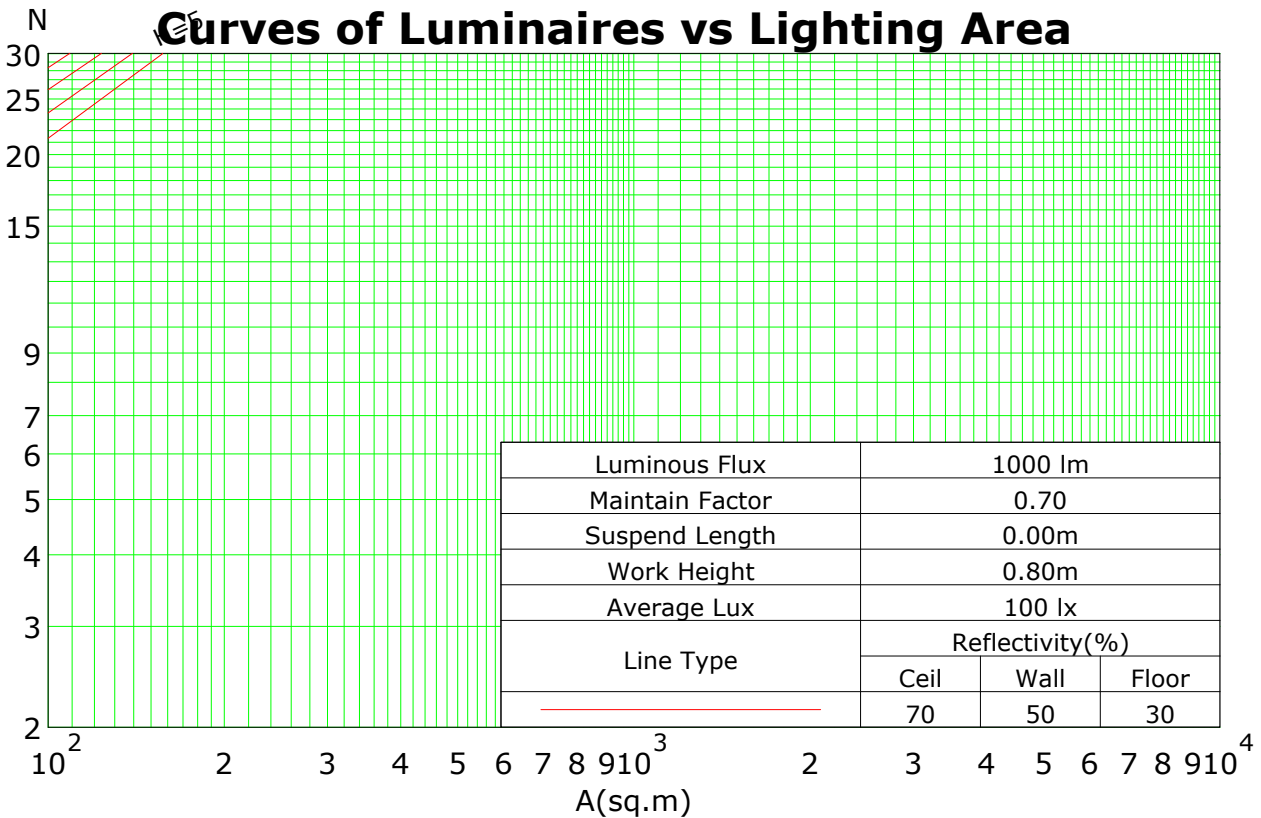
C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 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 | 109 | 105 | 101 | 97 | 107 | 103 | 99 | 96 | 98 | 95 | 92 | 94 | 92 | 90 | 91 | 89 | 87 | 85 |
| 2 | 100 | 92 | 86 | 80 | 97 | 90 | 84 | 79 | 87 | 82 | 78 | 84 | 79 | 76 | 81 | 77 | 74 | 72 |
| 3 | 92 | 82 | 74 | 68 | 89 | 80 | 73 | 67 | 77 | 71 | 66 | 74 | 69 | 65 | 72 | 68 | 64 | 62 |
| 4 | 85 | 73 | 65 | 58 | 82 | 72 | 64 | 58 | 69 | 63 | 57 | 67 | 61 | 56 | 65 | 60 | 56 | 53 |
| 5 | 78 | 66 | 57 | 51 | 76 | 65 | 57 | 51 | 63 | 55 | 50 | 61 | 54 | 49 | 59 | 53 | 49 | 47 |
| 6 | 72 | 60 | 51 | 45 | 71 | 59 | 51 | 45 | 57 | 50 | 44 | 55 | 49 | 44 | 54 | 48 | 44 | 42 |
| 7 | 67 | 54 | 46 | 40 | 66 | 54 | 46 | 40 | 52 | 45 | 40 | 51 | 44 | 39 | 49 | 43 | 39 | 37 |
| 8 | 63 | 50 | 42 | 36 | 61 | 49 | 41 | 36 | 48 | 41 | 36 | 47 | 40 | 35 | 45 | 40 | 35 | 33 |
| 9 | 59 | 46 | 38 | 33 | 58 | 45 | 38 | 33 | 44 | 37 | 32 | 43 | 37 | 32 | 42 | 36 | 32 | 30 |
| 10 | 55 | 43 | 35 | 30 | 54 | 42 | 35 | 30 | 41 | 34 | 30 | 40 | 34 | 30 | 39 | 34 | 29 | 28 |

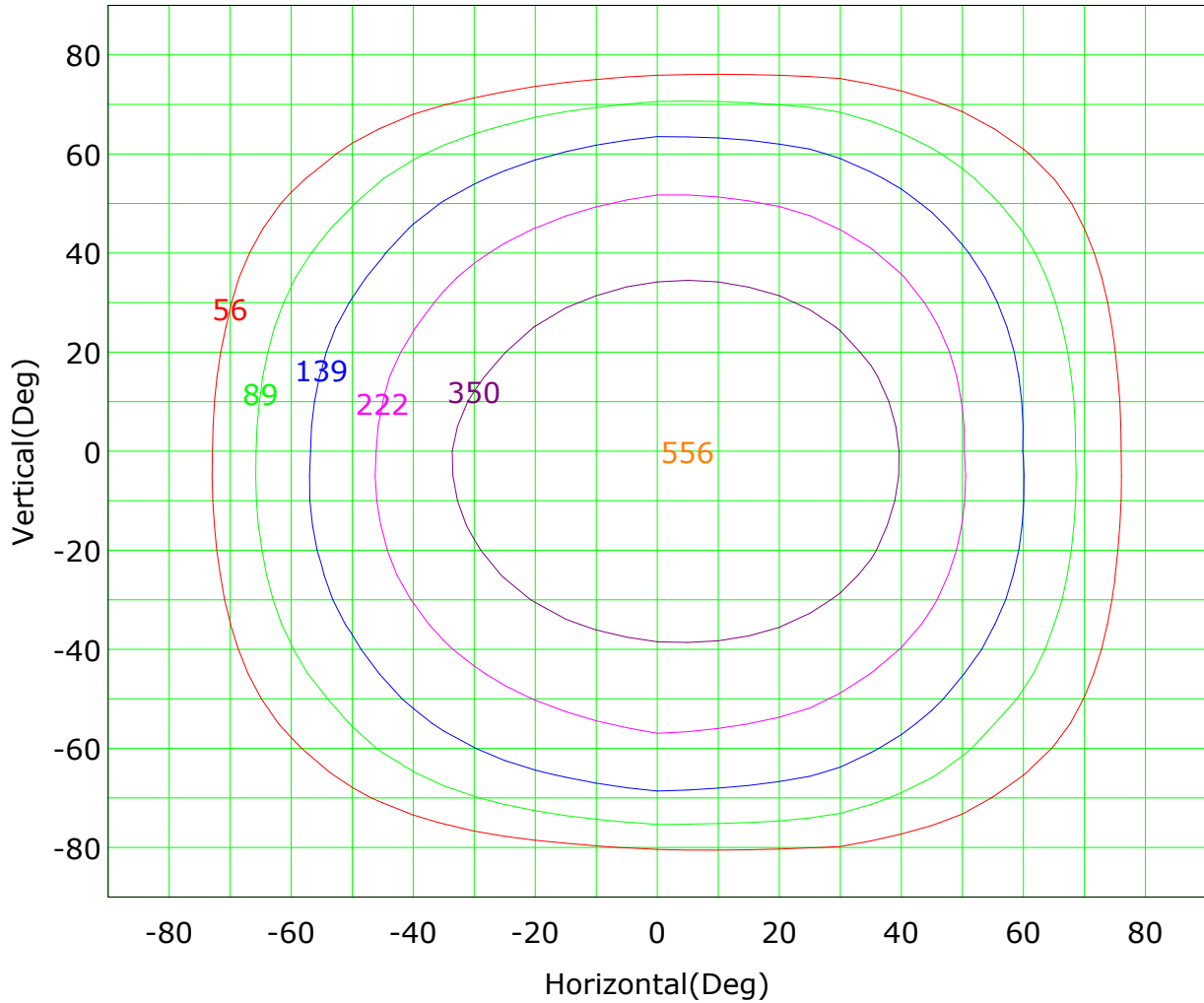
Spacing Criteria (0-180): 1.14
 Spacing Criteria (90-270): 1.10
 Spacing Criteria (Diagonal): 1.20



C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Isocandela (rectangle)



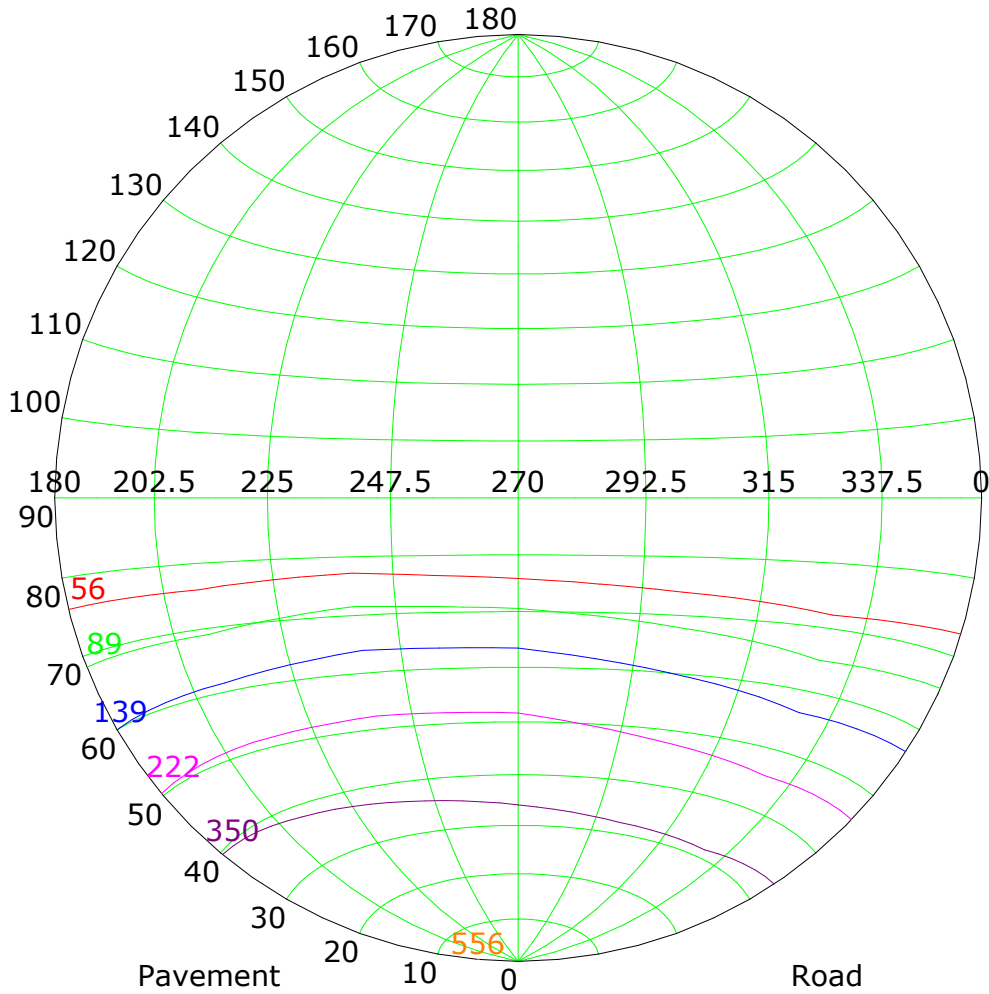
Imax (100%): 556 cd

| | | | |
|-----------|--------|-----------|--------|
| — (10%): | 56 cd | — (16%): | 89 cd |
| — (25%): | 139 cd | — (40%): | 222 cd |
| — (63%): | 350 cd | — (100%): | 556 cd |

C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature:
Operator:

Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 11.655 m [K=1.0000]
Humidity:
Inspector:

Isocandela (sphere)



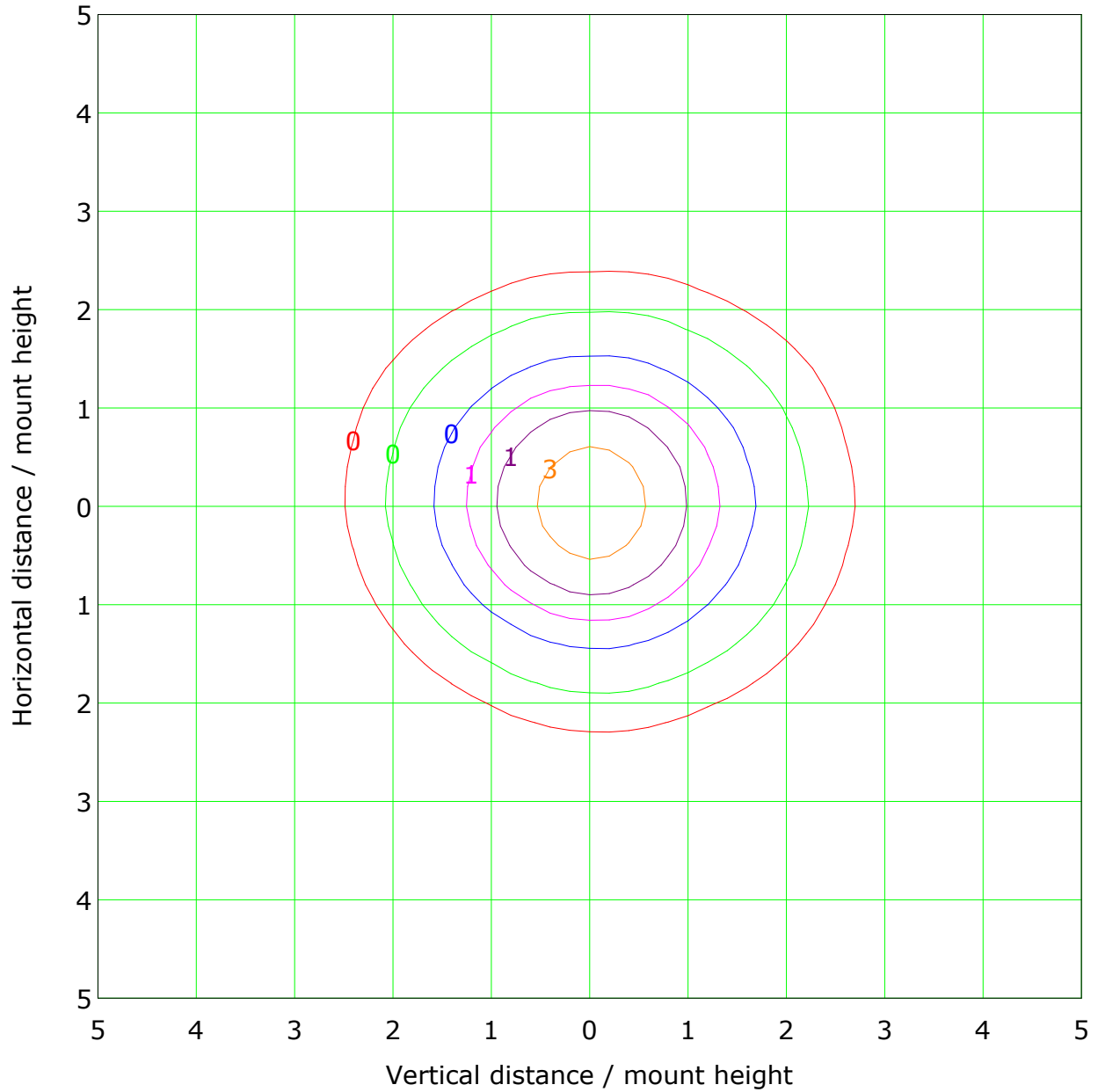
Imax (100%): 556 cd

| | |
|------------------|------------------|
| — (10%): 56 cd | — (16%): 89 cd |
| — (25%): 139 cd | — (40%): 222 cd |
| — (63%): 350 cd | — (100%): 556 cd |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

IsoLux Plot



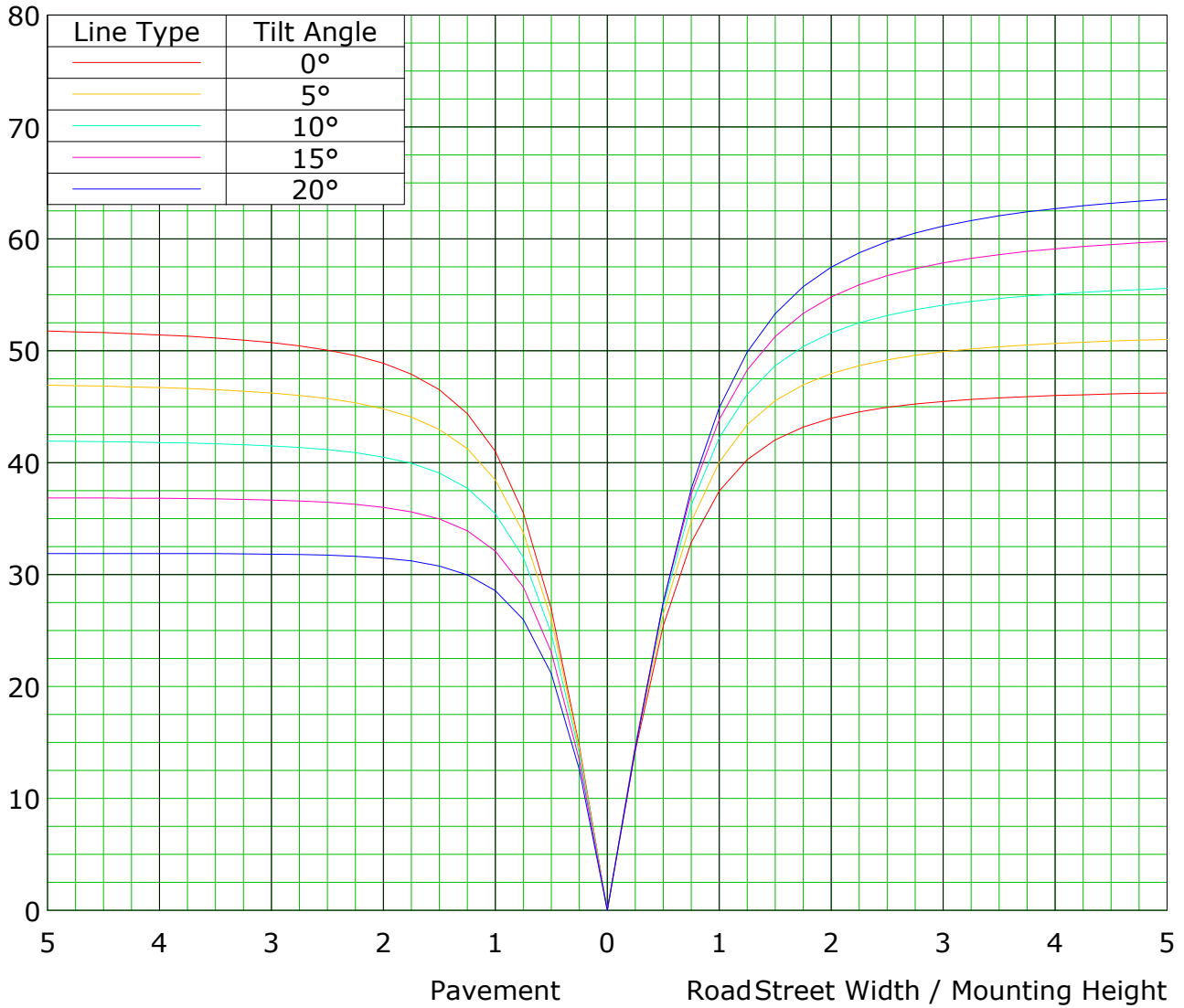
| | | | |
|--|--|-----------------------|--|
| Mounting Height: 10.0m | | Max Lux(100%): 5.5 lx | |
| <ul style="list-style-type: none"> — (1%): 0.1 lx — (5%): 0.3 lx — (20%): 1.1 lx — (100%): 5.5 lx | <ul style="list-style-type: none"> — (2%): 0.1 lx — (10%): 0.6 lx — (50%): 2.8 lx | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Roadway CU Curve

Efficiency(%)

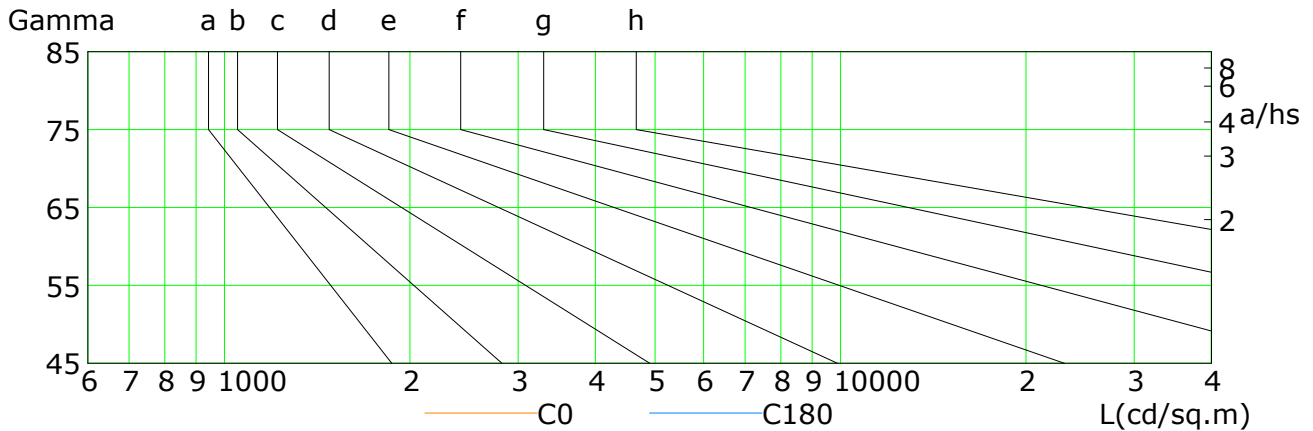
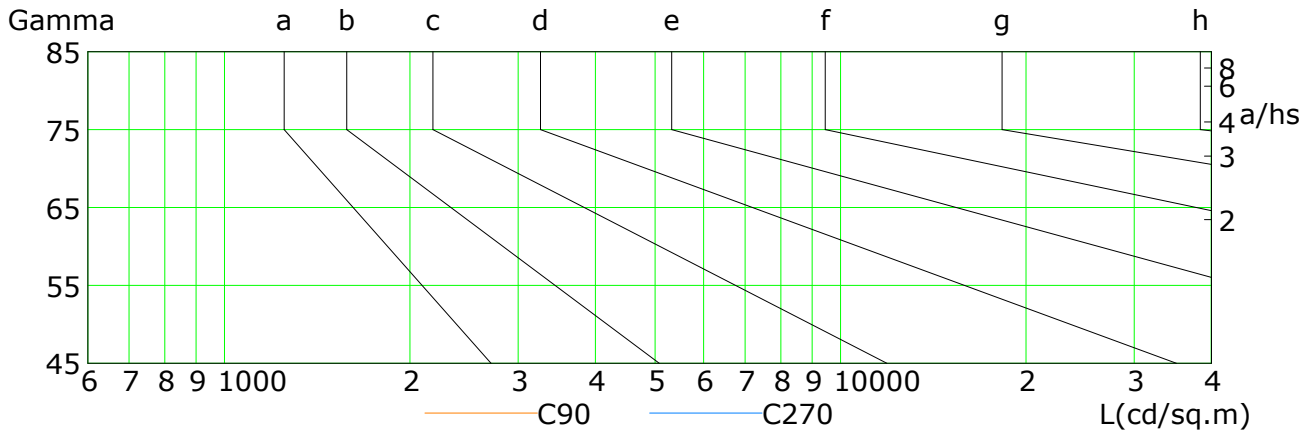


C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Lum Limit Curve

| Dazzle | Quality | Illuminance (lx) | | | | | | | |
|--------|---------|------------------|------|------|-------|-------|-------|-------|-------|
| | | a | b | c | d | e | f | g | h |
| 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 |

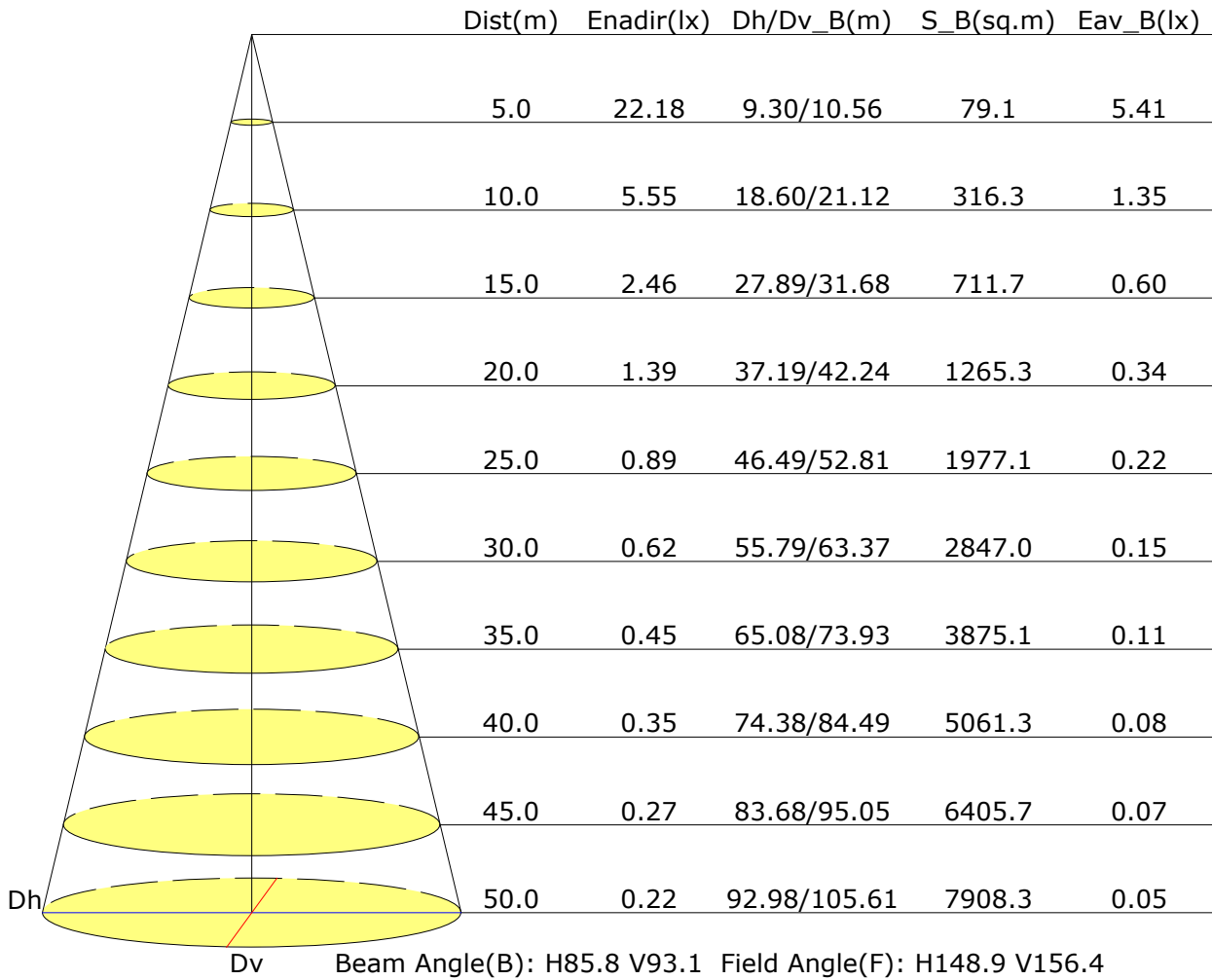


| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| C0 | 232 | 187 | 150 | 119 | 92 | 68 | 46 | 27 | 13 |
| C90 | 301 | 267 | 235 | 203 | 166 | 129 | 91 | 58 | 29 |
| C180 | 284 | 226 | 177 | 139 | 108 | 82 | 59 | 41 | 23 |
| C270 | 269 | 234 | 200 | 164 | 128 | 93 | 61 | 31 | 8 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

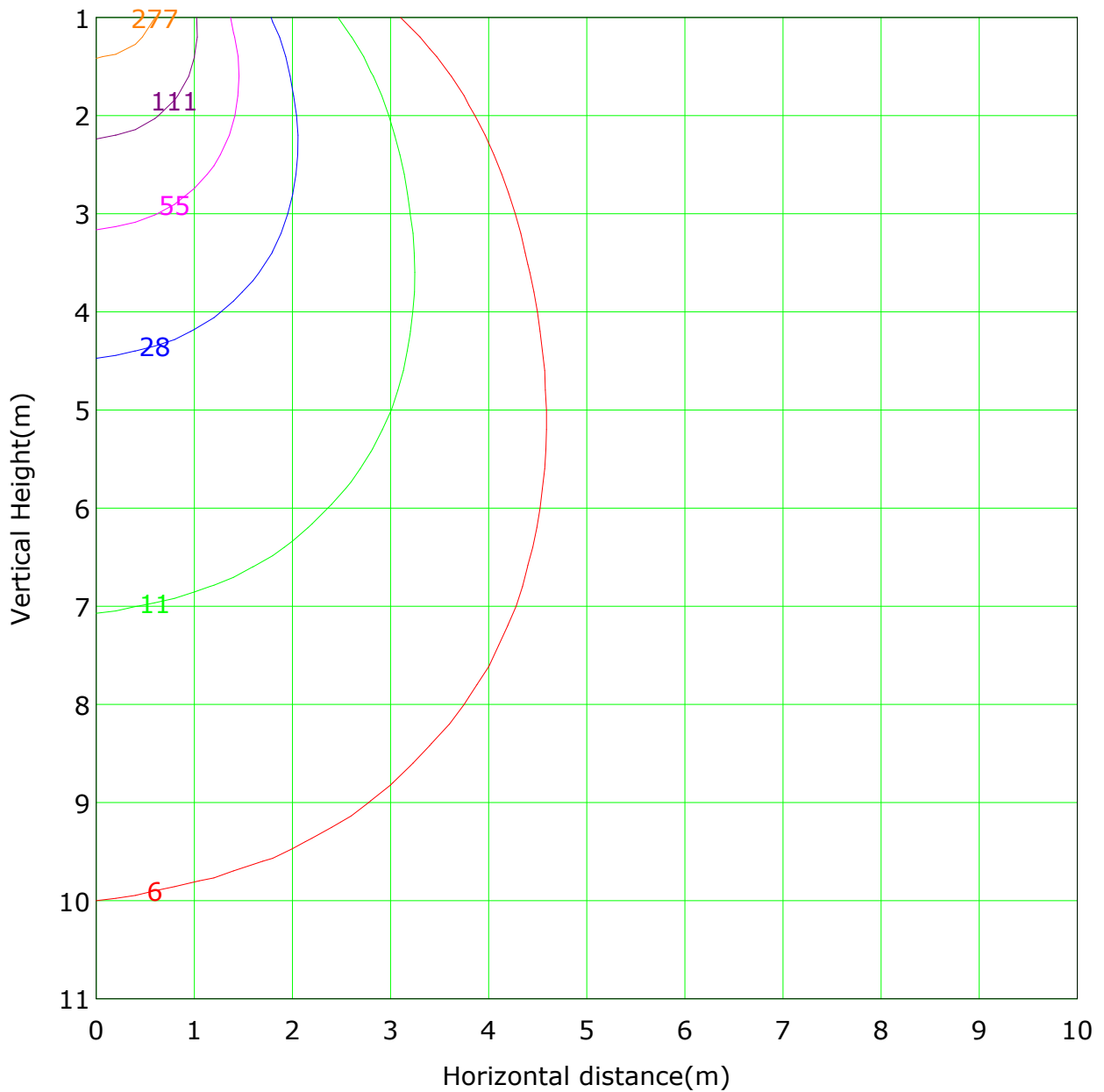
Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Vertical IsoLux Plot



| | | |
|--------------------|--------------------|-------------------|
| Lowest(m): 1.0m | Highest(m): 11.0m | Max Lux: 554.5 lx |
| — (1%): 5.5 lx | — (2%): 11.1 lx | |
| — (5%): 27.7 lx | — (10%): 55.5 lx | |
| — (20%): 110.9 lx | — (50%): 277.3 lx | |
| — (100%): 554.5 lx | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

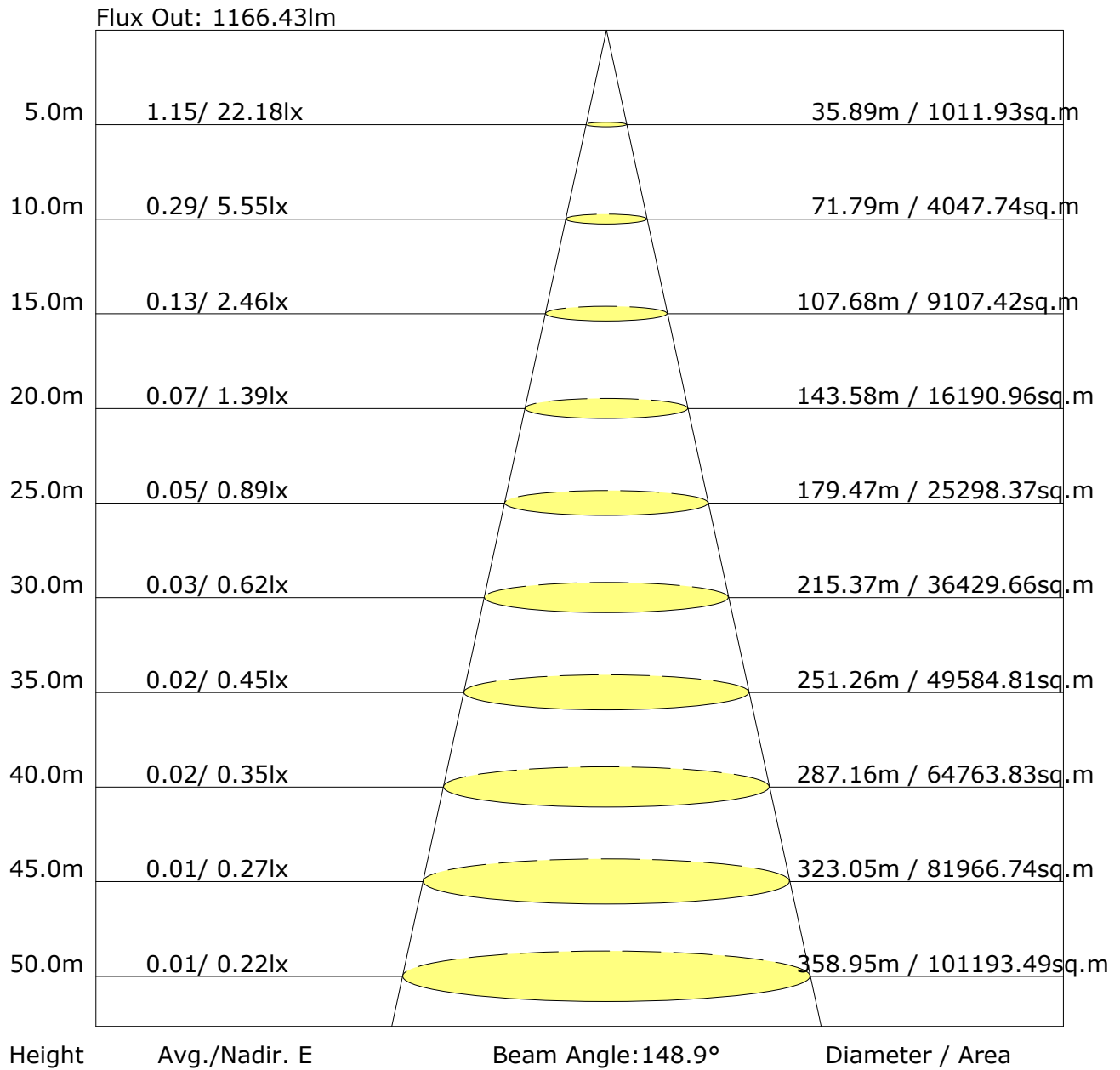
Area Flux Table

| | | Vertical plane | | | | | | | | | | | | | | | | | | | | |
|---------|---------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---------|---------|-------|
| | | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 00 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| Flux(E) | Flux(T) | Unit: lm | | | | | | | | | | | | | | | | | | Flux(T) | Flux(E) | |
| | | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 00 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | | | 90 |
| 0.0 | 1.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.3 | 0.4 | 0.4 | 0.5 | 0.4 | 0.4 | 0.3 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1221 | 1181 |
| 0.0 | 6.0 | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.4 | 1.3 | 1.2 | 1.1 | 1.0 | 0.9 | 0.8 | 0.7 | 0.6 | 0.5 | 0.4 | 8.3 | 0.0 |
| 0.0 | 0.1 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 0.7 | 8.3 | 0.0 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 22.4 | 17.8 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 38.8 | 36.7 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 55.1 | 53.9 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 71.7 | 70.9 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 89.7 | 89.1 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 107.0 | 106.5 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 120.8 | 120.3 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 127.4 | 126.9 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 125.2 | 124.7 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 114.4 | 113.9 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 98.7 | 98.1 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 81.3 | 80.6 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 63.6 | 62.6 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 46.7 | 45.1 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 30.3 | 27.4 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 15.3 | 7.0 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 4.2 | 0.0 |
| 0.0 | 0.1 | 0.0 | 0.2 | 0.4 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.6 | 4.2 | 4.8 | 5.5 | 6.1 | 6.7 | 7.3 | 7.9 | 8.5 | 9.1 | 0.0 | 0.0 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

UGR Table

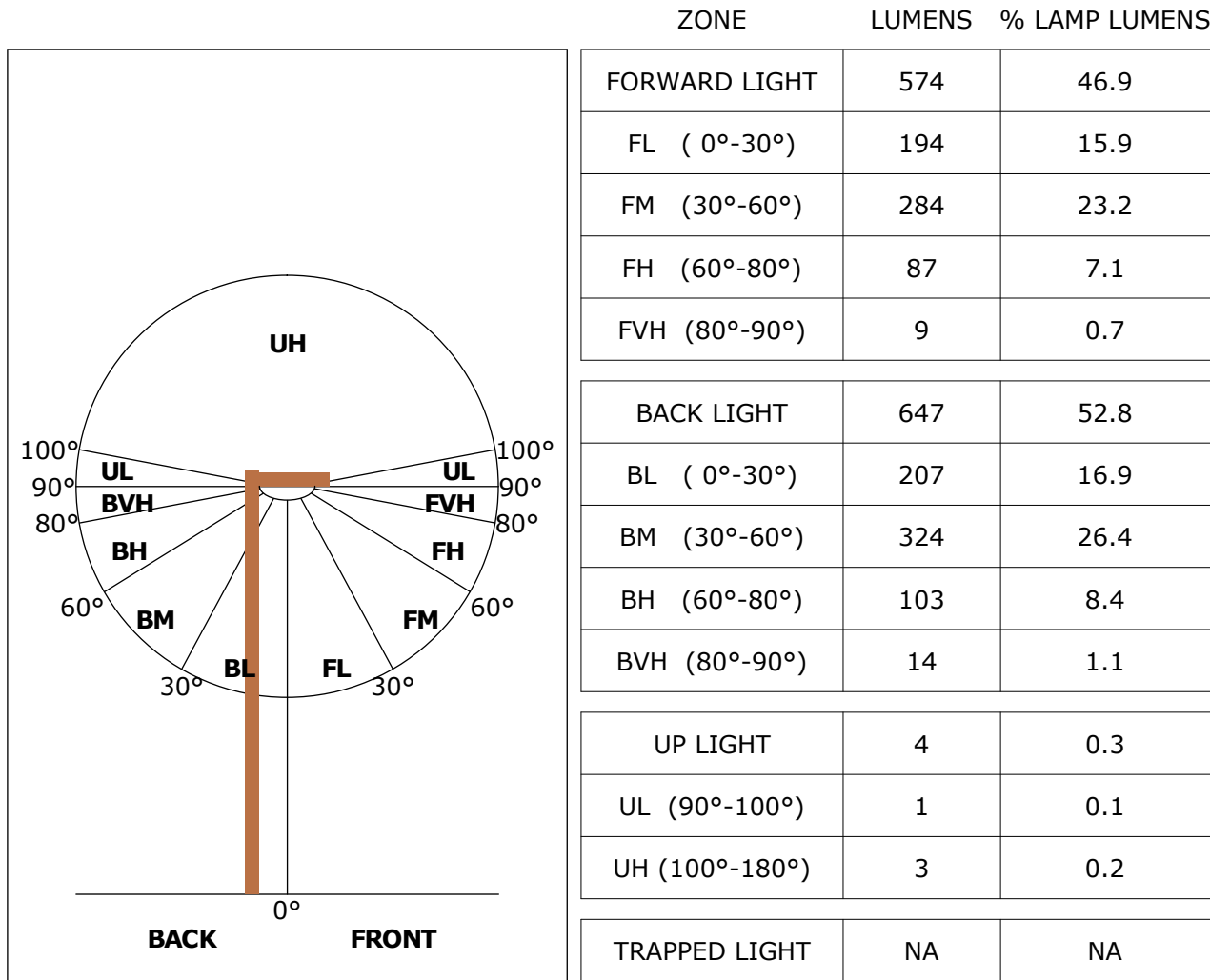
| | | | | | | | | | | |
|--|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Reflectance: | | | | | | | | | | |
| Ceiling (cavity) | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Wall | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 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 1225lm ($8\log(F/F_0) = 0.7$).

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM

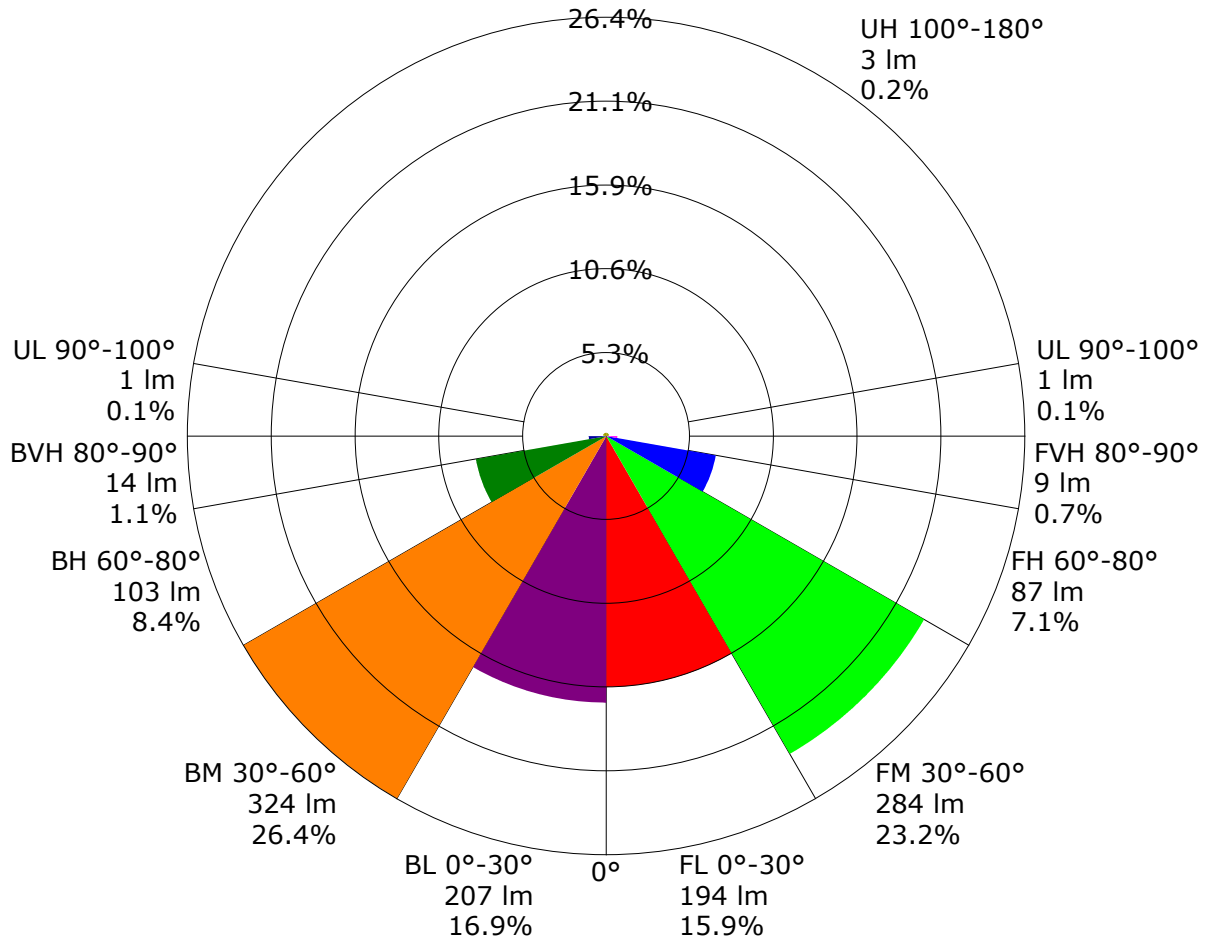


| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-07 | |
|--|----------|
| Asymmetrical Luminaire Types (Type I,II,III,IV) | B1 U1 G1 |
| Quadrilateral Symmetrical Luminaire Types (Type V,Area Light) | B1 U1 G1 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

LCS Graph



Back Light

Forward Light

Scale= MAX LCS%

Trapped Light:NA,NA

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature:

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 11.655 m [K=1.0000]

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 | 0.61 | 0.71 | 0.78 | 0.83 | 0.90 | 0.94 | 0.97 | 1.02 | 1.04 | |
| | 0.30 | | 0.54 | 0.64 | 0.71 | 0.76 | 0.84 | 0.89 | 0.93 | 0.98 | 1.01 | |
| | 0.20 | | 0.49 | 0.59 | 0.66 | 0.71 | 0.79 | 0.85 | 0.89 | 0.94 | 0.98 | |
| 0.50 | 0.50 | 0.20 | 0.60 | 0.69 | 0.76 | 0.80 | 0.87 | 0.91 | 0.94 | 0.98 | 1.00 | |
| | 0.30 | | 0.53 | 0.63 | 0.70 | 0.75 | 0.82 | 0.86 | 0.90 | 0.94 | 0.97 | |
| | 0.20 | | 0.48 | 0.58 | 0.65 | 0.70 | 0.78 | 0.83 | 0.86 | 0.92 | 0.95 | |
| 0.30 | 0.50 | 0.20 | 0.58 | 0.67 | 0.73 | 0.78 | 0.84 | 0.88 | 0.90 | 0.94 | 0.96 | |
| | 0.30 | | 0.53 | 0.62 | 0.68 | 0.73 | 0.80 | 0.84 | 0.87 | 0.91 | 0.94 | |
| | 0.20 | | 0.48 | 0.57 | 0.64 | 0.69 | 0.76 | 0.81 | 0.84 | 0.89 | 0.92 | |
| 0.00 | 0.00 | 0.00 | 0.46 | 0.55 | 0.61 | 0.66 | 0.73 | 0.77 | 0.80 | 0.85 | 0.87 | |
| <p>Rating:12W 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: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 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 | 0.93 | 0.76 | 0.65 | 0.56 | 0.45 | 0.37 | 0.32 | 0.25 | 0.20 | |
| | 0.30 | | 0.77 | 0.65 | 0.56 | 0.50 | 0.41 | 0.34 | 0.30 | 0.23 | 0.19 | |
| | 0.20 | | 0.66 | 0.57 | 0.50 | 0.45 | 0.37 | 0.32 | 0.28 | 0.22 | 0.18 | |
| 0.50 | 0.50 | 0.20 | 0.89 | 0.73 | 0.62 | 0.54 | 0.43 | 0.39 | 0.30 | 0.23 | 0.19 | |
| | 0.30 | | 0.75 | 0.63 | 0.55 | 0.48 | 0.39 | 0.33 | 0.28 | 0.22 | 0.18 | |
| | 0.20 | | 0.65 | 0.56 | 0.49 | 0.44 | 0.36 | 0.31 | 0.27 | 0.21 | 0.18 | |
| 0.30 | 0.50 | 0.20 | 0.86 | 0.70 | 0.59 | 0.51 | 0.41 | 0.34 | 0.29 | 0.22 | 0.18 | |
| | 0.30 | | 0.74 | 0.62 | 0.53 | 0.47 | 0.38 | 0.32 | 0.27 | 0.21 | 0.18 | |
| | 0.20 | | 0.65 | 0.55 | 0.48 | 0.43 | 0.35 | 0.30 | 0.26 | 0.20 | 0.17 | |
| 0.00 | 0.00 | 0.00 | 0.54 | 0.45 | 0.38 | 0.34 | 0.27 | 0.23 | 0.20 | 0.15 | 0.13 | |
| <p>Rating:12W 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: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 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 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.20 | 0.21 | 0.21 | 0.22 | |
| | 0.30 | | 0.10 | 0.11 | 0.13 | 0.14 | 0.15 | 0.17 | 0.17 | 0.19 | 0.19 | |
| | 0.20 | | 0.05 | 0.07 | 0.08 | 0.10 | 0.12 | 0.13 | 0.14 | 0.16 | 0.17 | |
| 0.50 | 0.50 | 0.20 | 0.15 | 0.17 | 0.18 | 0.18 | 0.19 | 0.20 | 0.20 | 0.21 | 0.21 | |
| | 0.30 | | 0.09 | 0.11 | 0.12 | 0.13 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | |
| | 0.20 | | 0.05 | 0.07 | 0.08 | 0.09 | 0.11 | 0.13 | 0.14 | 0.16 | 0.17 | |
| 0.30 | 0.50 | 0.20 | 0.15 | 0.16 | 0.17 | 0.17 | 0.18 | 0.19 | 0.19 | 0.20 | 0.20 | |
| | 0.30 | | 0.09 | 0.11 | 0.12 | 0.13 | 0.14 | 0.16 | 0.16 | 0.17 | 0.18 | |
| | 0.20 | | 0.05 | 0.07 | 0.08 | 0.09 | 0.11 | 0.13 | 0.14 | 0.15 | 0.16 | |
| 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| <p>Rating:12W 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: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 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 | 548.3 | 0.5 | 0.5 | 0.04 | 0.04 |
| 1.0-2.0 | 547.3 | 1.6 | 2.1 | 0.13 | 0.17 |
| 2.0-3.0 | 546.5 | 2.6 | 4.7 | 0.21 | 0.38 |
| 3.0-4.0 | 545.8 | 3.7 | 8.4 | 0.30 | 0.68 |
| 4.0-5.0 | 544.7 | 4.7 | 13.1 | 0.38 | 1.07 |
| 5.0-6.0 | 542.9 | 5.7 | 18.8 | 0.47 | 1.53 |
| 6.0-7.0 | 541.0 | 6.7 | 25.5 | 0.55 | 2.08 |
| 7.0-8.0 | 538.5 | 7.7 | 33.2 | 0.63 | 2.71 |
| 8.0-9.0 | 536.0 | 8.7 | 41.9 | 0.71 | 3.42 |
| 9.0-10.0 | 533.7 | 9.7 | 51.5 | 0.79 | 4.21 |
| 10.0-11.0 | 530.5 | 10.6 | 62.1 | 0.87 | 5.07 |
| 11.0-12.0 | 526.8 | 11.5 | 73.6 | 0.94 | 6.01 |
| 12.0-13.0 | 522.7 | 12.4 | 86.1 | 1.01 | 7.03 |
| 13.0-14.0 | 518.5 | 13.3 | 99.3 | 1.08 | 8.11 |
| 14.0-15.0 | 514.2 | 14.1 | 113.4 | 1.15 | 9.26 |
| 15.0-16.0 | 509.6 | 14.9 | 128.4 | 1.22 | 10.48 |
| 16.0-17.0 | 504.3 | 15.7 | 144.1 | 1.28 | 11.76 |
| 17.0-18.0 | 498.6 | 16.4 | 160.5 | 1.34 | 13.11 |
| 18.0-19.0 | 492.7 | 17.1 | 177.7 | 1.40 | 14.51 |
| 19.0-20.0 | 486.4 | 17.8 | 195.5 | 1.45 | 15.96 |
| 20.0-21.0 | 479.8 | 18.4 | 213.9 | 1.50 | 17.46 |
| 21.0-22.0 | 472.6 | 19.0 | 232.9 | 1.55 | 19.01 |
| 22.0-23.0 | 465.2 | 19.5 | 252.4 | 1.59 | 20.61 |
| 23.0-24.0 | 458.0 | 20.0 | 272.4 | 1.64 | 22.24 |
| 24.0-25.0 | 450.6 | 20.5 | 292.9 | 1.67 | 23.92 |
| 25.0-26.0 | 442.9 | 20.9 | 313.9 | 1.71 | 25.62 |
| 26.0-27.0 | 435.2 | 21.3 | 335.1 | 1.74 | 27.36 |
| 27.0-28.0 | 427.4 | 21.6 | 356.8 | 1.77 | 29.13 |
| 28.0-29.0 | 419.1 | 21.9 | 378.7 | 1.79 | 30.92 |
| 29.0-30.0 | 410.7 | 22.2 | 400.9 | 1.81 | 32.73 |
| 30.0-31.0 | 402.3 | 22.4 | 423.3 | 1.83 | 34.56 |
| 31.0-32.0 | 393.7 | 22.6 | 445.9 | 1.84 | 36.40 |
| 32.0-33.0 | 384.8 | 22.7 | 468.5 | 1.85 | 38.25 |
| 33.0-34.0 | 376.2 | 22.8 | 491.3 | 1.86 | 40.11 |
| 34.0-35.0 | 367.3 | 22.8 | 514.1 | 1.86 | 41.97 |
| 35.0-36.0 | 358.1 | 22.8 | 536.9 | 1.86 | 43.84 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 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 | 349.2 | 22.8 | 559.7 | 1.86 | 45.70 |
| 37.0-38.0 | 340.5 | 22.7 | 582.4 | 1.86 | 47.55 |
| 38.0-39.0 | 331.2 | 22.6 | 605.0 | 1.85 | 49.40 |
| 39.0-40.0 | 321.8 | 22.4 | 627.5 | 1.83 | 51.23 |
| 40.0-41.0 | 313.1 | 22.3 | 649.8 | 1.82 | 53.05 |
| 41.0-42.0 | 304.1 | 22.1 | 671.9 | 1.80 | 54.85 |
| 42.0-43.0 | 294.9 | 21.9 | 693.7 | 1.78 | 56.64 |
| 43.0-44.0 | 286.2 | 21.6 | 715.3 | 1.76 | 58.40 |
| 44.0-45.0 | 277.2 | 21.3 | 736.6 | 1.74 | 60.14 |
| 45.0-46.0 | 268.3 | 21.0 | 757.6 | 1.71 | 61.85 |
| 46.0-47.0 | 259.4 | 20.6 | 778.2 | 1.68 | 63.54 |
| 47.0-48.0 | 250.8 | 20.3 | 798.5 | 1.66 | 65.19 |
| 48.0-49.0 | 242.5 | 19.9 | 818.4 | 1.63 | 66.82 |
| 49.0-50.0 | 234.2 | 19.5 | 838.0 | 1.59 | 68.41 |
| 50.0-51.0 | 225.9 | 19.1 | 857.1 | 1.56 | 69.98 |
| 51.0-52.0 | 217.8 | 18.7 | 875.8 | 1.53 | 71.50 |
| 52.0-53.0 | 209.9 | 18.3 | 894.0 | 1.49 | 72.99 |
| 53.0-54.0 | 202.1 | 17.8 | 911.9 | 1.45 | 74.45 |
| 54.0-55.0 | 194.4 | 17.4 | 929.2 | 1.42 | 75.86 |
| 55.0-56.0 | 186.9 | 16.9 | 946.1 | 1.38 | 77.24 |
| 56.0-57.0 | 179.6 | 16.4 | 962.5 | 1.34 | 78.58 |
| 57.0-58.0 | 172.4 | 15.9 | 978.5 | 1.30 | 79.89 |
| 58.0-59.0 | 165.3 | 15.5 | 993.9 | 1.26 | 81.15 |
| 59.0-60.0 | 158.4 | 15.0 | 1008.9 | 1.22 | 82.37 |
| 60.0-61.0 | 151.5 | 14.5 | 1023.4 | 1.18 | 83.55 |
| 61.0-62.0 | 144.7 | 13.9 | 1037.3 | 1.14 | 84.69 |
| 62.0-63.0 | 138.1 | 13.4 | 1050.7 | 1.10 | 85.79 |
| 63.0-64.0 | 131.5 | 12.9 | 1063.6 | 1.05 | 86.84 |
| 64.0-65.0 | 125.0 | 12.4 | 1076.0 | 1.01 | 87.85 |
| 65.0-66.0 | 118.6 | 11.8 | 1087.8 | 0.97 | 88.81 |
| 66.0-67.0 | 112.4 | 11.3 | 1099.2 | 0.92 | 89.74 |
| 67.0-68.0 | 106.3 | 10.8 | 1109.9 | 0.88 | 90.62 |
| 68.0-69.0 | 100.3 | 10.2 | 1120.2 | 0.84 | 91.45 |
| 69.0-70.0 | 94.4 | 9.7 | 1129.9 | 0.79 | 92.24 |
| 70.0-71.0 | 88.7 | 9.2 | 1139.0 | 0.75 | 92.99 |
| 71.0-72.0 | 83.0 | 8.6 | 1147.7 | 0.70 | 93.70 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 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 | 77.5 | 8.1 | 1155.8 | 0.66 | 94.36 |
| 73.0-74.0 | 72.1 | 7.6 | 1163.3 | 0.62 | 94.98 |
| 74.0-75.0 | 66.8 | 7.1 | 1170.4 | 0.58 | 95.56 |
| 75.0-76.0 | 61.7 | 6.6 | 1177.0 | 0.53 | 96.09 |
| 76.0-77.0 | 56.8 | 6.1 | 1183.0 | 0.49 | 96.58 |
| 77.0-78.0 | 51.8 | 5.5 | 1188.6 | 0.45 | 97.04 |
| 78.0-79.0 | 47.0 | 5.0 | 1193.6 | 0.41 | 97.45 |
| 79.0-80.0 | 42.3 | 4.6 | 1198.2 | 0.37 | 97.82 |
| 80.0-81.0 | 37.8 | 4.1 | 1202.3 | 0.33 | 98.16 |
| 81.0-82.0 | 33.4 | 3.6 | 1205.9 | 0.30 | 98.45 |
| 82.0-83.0 | 29.3 | 3.2 | 1209.1 | 0.26 | 98.71 |
| 83.0-84.0 | 25.3 | 2.8 | 1211.8 | 0.23 | 98.94 |
| 84.0-85.0 | 21.7 | 2.4 | 1214.2 | 0.19 | 99.13 |
| 85.0-86.0 | 18.3 | 2.0 | 1216.2 | 0.16 | 99.29 |
| 86.0-87.0 | 15.2 | 1.7 | 1217.8 | 0.14 | 99.43 |
| 87.0-88.0 | 12.2 | 1.3 | 1219.2 | 0.11 | 99.54 |
| 88.0-89.0 | 9.5 | 1.0 | 1220.2 | 0.09 | 99.62 |
| 89.0-90.0 | 7.0 | 0.8 | 1221.0 | 0.06 | 99.69 |
| 90.0-91.0 | 4.8 | 0.5 | 1221.5 | 0.04 | 99.73 |
| 91.0-92.0 | 3.1 | 0.3 | 1221.9 | 0.03 | 99.76 |
| 92.0-93.0 | 1.8 | 0.2 | 1222.1 | 0.02 | 99.77 |
| 93.0-94.0 | 1.0 | 0.1 | 1222.2 | 0.01 | 99.78 |
| 94.0-95.0 | 0.5 | 0.1 | 1222.2 | 0.00 | 99.79 |
| 95.0-96.0 | 0.2 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 96.0-97.0 | 0.1 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 97.0-98.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 98.0-99.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 99.0-100.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 100.0-101.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 101.0-102.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 102.0-103.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 103.0-104.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 104.0-105.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 105.0-106.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 106.0-107.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 107.0-108.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 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 | 1222.3 | 0.00 | 99.79 |
| 109.0-110.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 110.0-111.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 111.0-112.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 112.0-113.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 113.0-114.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 114.0-115.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 115.0-116.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 116.0-117.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 117.0-118.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 118.0-119.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 119.0-120.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 120.0-121.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 121.0-122.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 122.0-123.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 123.0-124.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 124.0-125.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 125.0-126.0 | 0.0 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 126.0-127.0 | 0.1 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 127.0-128.0 | 0.1 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 128.0-129.0 | 0.1 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 129.0-130.0 | 0.2 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 130.0-131.0 | 0.2 | 0.0 | 1222.3 | 0.00 | 99.79 |
| 131.0-132.0 | 0.2 | 0.0 | 1222.3 | 0.00 | 99.80 |
| 132.0-133.0 | 0.2 | 0.0 | 1222.3 | 0.00 | 99.80 |
| 133.0-134.0 | 0.2 | 0.0 | 1222.4 | 0.00 | 99.80 |
| 134.0-135.0 | 0.3 | 0.0 | 1222.4 | 0.00 | 99.80 |
| 135.0-136.0 | 0.5 | 0.0 | 1222.4 | 0.00 | 99.80 |
| 136.0-137.0 | 0.6 | 0.0 | 1222.5 | 0.00 | 99.81 |
| 137.0-138.0 | 0.7 | 0.1 | 1222.5 | 0.00 | 99.81 |
| 138.0-139.0 | 0.8 | 0.1 | 1222.6 | 0.00 | 99.82 |
| 139.0-140.0 | 0.8 | 0.1 | 1222.6 | 0.00 | 99.82 |
| 140.0-141.0 | 0.9 | 0.1 | 1222.7 | 0.01 | 99.83 |
| 141.0-142.0 | 1.0 | 0.1 | 1222.8 | 0.01 | 99.83 |
| 142.0-143.0 | 1.0 | 0.1 | 1222.8 | 0.01 | 99.84 |
| 143.0-144.0 | 1.0 | 0.1 | 1222.9 | 0.01 | 99.84 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 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 | 1.2 | 0.1 | 1223.0 | 0.01 | 99.85 |
| 145.0-146.0 | 1.3 | 0.1 | 1223.1 | 0.01 | 99.85 |
| 146.0-147.0 | 1.2 | 0.1 | 1223.1 | 0.01 | 99.86 |
| 147.0-148.0 | 1.3 | 0.1 | 1223.2 | 0.01 | 99.87 |
| 148.0-149.0 | 1.4 | 0.1 | 1223.3 | 0.01 | 99.87 |
| 149.0-150.0 | 1.4 | 0.1 | 1223.4 | 0.01 | 99.88 |
| 150.0-151.0 | 1.5 | 0.1 | 1223.4 | 0.01 | 99.89 |
| 151.0-152.0 | 1.5 | 0.1 | 1223.5 | 0.01 | 99.89 |
| 152.0-153.0 | 1.5 | 0.1 | 1223.6 | 0.01 | 99.90 |
| 153.0-154.0 | 1.6 | 0.1 | 1223.7 | 0.01 | 99.90 |
| 154.0-155.0 | 1.6 | 0.1 | 1223.8 | 0.01 | 99.91 |
| 155.0-156.0 | 1.6 | 0.1 | 1223.8 | 0.01 | 99.92 |
| 156.0-157.0 | 1.7 | 0.1 | 1223.9 | 0.01 | 99.92 |
| 157.0-158.0 | 1.7 | 0.1 | 1224.0 | 0.01 | 99.93 |
| 158.0-159.0 | 1.7 | 0.1 | 1224.0 | 0.01 | 99.93 |
| 159.0-160.0 | 1.8 | 0.1 | 1224.1 | 0.01 | 99.94 |
| 160.0-161.0 | 1.8 | 0.1 | 1224.2 | 0.01 | 99.95 |
| 161.0-162.0 | 1.8 | 0.1 | 1224.2 | 0.01 | 99.95 |
| 162.0-163.0 | 1.8 | 0.1 | 1224.3 | 0.00 | 99.96 |
| 163.0-164.0 | 1.9 | 0.1 | 1224.4 | 0.00 | 99.96 |
| 164.0-165.0 | 1.9 | 0.1 | 1224.4 | 0.00 | 99.96 |
| 165.0-166.0 | 1.9 | 0.1 | 1224.5 | 0.00 | 99.97 |
| 166.0-167.0 | 2.0 | 0.1 | 1224.5 | 0.00 | 99.97 |
| 167.0-168.0 | 2.0 | 0.0 | 1224.6 | 0.00 | 99.98 |
| 168.0-169.0 | 2.0 | 0.0 | 1224.6 | 0.00 | 99.98 |
| 169.0-170.0 | 2.0 | 0.0 | 1224.6 | 0.00 | 99.98 |
| 170.0-171.0 | 2.0 | 0.0 | 1224.7 | 0.00 | 99.99 |
| 171.0-172.0 | 2.0 | 0.0 | 1224.7 | 0.00 | 99.99 |
| 172.0-173.0 | 2.1 | 0.0 | 1224.7 | 0.00 | 99.99 |
| 173.0-174.0 | 2.1 | 0.0 | 1224.8 | 0.00 | 99.99 |
| 174.0-175.0 | 2.1 | 0.0 | 1224.8 | 0.00 | 100.00 |
| 175.0-176.0 | 2.1 | 0.0 | 1224.8 | 0.00 | 100.00 |
| 176.0-177.0 | 2.2 | 0.0 | 1224.8 | 0.00 | 100.00 |
| 177.0-178.0 | 2.2 | 0.0 | 1224.8 | 0.00 | 100.00 |
| 178.0-179.0 | 2.2 | 0.0 | 1224.8 | 0.00 | 100.00 |
| 179.0-180.0 | 2.2 | 0.0 | 1224.8 | 0.00 | 100.00 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table

Unit: cd

| G\C | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| G0.0 | 554.5 | 550.3 | 549.2 | 547.3 | 546.2 | 544.7 | 554.5 | 550.3 | 549.2 | 547.3 |
| G1.0 | 552.5 | 551.2 | 548.8 | 547.9 | 545.6 | 546.9 | 552.8 | 550.0 | 547.3 | 546.1 |
| G2.0 | 550.7 | 547.0 | 547.3 | 546.8 | 549.0 | 543.7 | 553.3 | 552.5 | 547.8 | 542.7 |
| G3.0 | 546.6 | 546.1 | 546.6 | 548.7 | 546.0 | 548.3 | 554.3 | 553.5 | 546.8 | 542.3 |
| G4.0 | 544.0 | 543.7 | 545.8 | 546.5 | 549.0 | 548.9 | 555.0 | 552.9 | 544.9 | 541.6 |
| G5.0 | 541.6 | 541.6 | 544.2 | 548.2 | 547.7 | 547.8 | 556.0 | 550.0 | 543.5 | 539.5 |
| G6.0 | 538.8 | 541.4 | 542.3 | 545.4 | 548.1 | 546.9 | 555.9 | 549.6 | 541.7 | 534.4 |
| G7.0 | 537.3 | 539.4 | 542.0 | 544.1 | 547.0 | 547.7 | 554.2 | 546.3 | 539.2 | 532.9 |
| G8.0 | 533.1 | 535.8 | 539.8 | 542.4 | 546.1 | 545.7 | 550.3 | 543.6 | 536.6 | 527.7 |
| G9.0 | 529.9 | 533.5 | 535.7 | 541.7 | 544.7 | 546.4 | 550.7 | 543.2 | 534.2 | 524.0 |
| G10.0 | 526.9 | 528.3 | 533.7 | 539.4 | 544.3 | 544.3 | 550.1 | 542.6 | 530.1 | 520.7 |
| G11.0 | 525.0 | 525.3 | 530.3 | 535.8 | 541.0 | 543.0 | 548.1 | 538.3 | 526.5 | 515.0 |
| G12.0 | 519.0 | 521.5 | 524.2 | 532.1 | 537.3 | 541.6 | 546.5 | 536.0 | 522.8 | 509.3 |
| G13.0 | 514.0 | 518.5 | 521.2 | 529.2 | 534.3 | 537.4 | 543.0 | 532.1 | 518.2 | 503.9 |
| G14.0 | 509.7 | 514.4 | 516.8 | 525.2 | 532.8 | 534.5 | 540.0 | 527.8 | 512.2 | 499.6 |
| G15.0 | 504.2 | 508.5 | 513.4 | 518.7 | 527.7 | 533.1 | 539.5 | 526.0 | 506.7 | 492.1 |
| G16.0 | 500.2 | 504.0 | 507.7 | 515.4 | 524.0 | 530.5 | 534.3 | 521.6 | 501.1 | 485.3 |
| G17.0 | 492.5 | 498.1 | 503.2 | 511.3 | 519.9 | 527.3 | 529.8 | 516.5 | 493.4 | 477.8 |
| G18.0 | 487.2 | 492.9 | 496.9 | 506.0 | 515.9 | 523.0 | 526.2 | 512.3 | 486.3 | 469.5 |
| G19.0 | 480.1 | 486.7 | 489.9 | 499.6 | 510.5 | 519.8 | 524.3 | 506.1 | 479.0 | 463.5 |
| G20.0 | 471.4 | 479.0 | 483.0 | 491.2 | 506.3 | 514.7 | 519.8 | 500.7 | 473.9 | 455.5 |
| G21.0 | 466.2 | 472.6 | 477.1 | 484.4 | 499.0 | 510.8 | 515.5 | 494.7 | 466.4 | 448.3 |
| G22.0 | 457.1 | 464.4 | 466.4 | 476.6 | 491.7 | 505.0 | 508.9 | 487.0 | 458.8 | 440.0 |
| G23.0 | 450.0 | 454.6 | 459.2 | 469.0 | 485.1 | 500.3 | 505.3 | 480.3 | 451.2 | 432.4 |
| G24.0 | 442.9 | 447.9 | 452.8 | 461.9 | 478.5 | 494.1 | 497.6 | 473.0 | 443.3 | 425.7 |
| G25.0 | 434.3 | 439.2 | 443.4 | 455.3 | 470.0 | 487.6 | 492.8 | 465.3 | 436.4 | 419.9 |
| G26.0 | 424.8 | 429.9 | 436.5 | 446.9 | 463.6 | 481.7 | 484.8 | 457.5 | 428.6 | 411.6 |
| G27.0 | 416.3 | 422.5 | 429.3 | 441.0 | 456.0 | 474.9 | 479.9 | 449.1 | 422.7 | 404.1 |
| G28.0 | 408.0 | 413.3 | 419.9 | 432.6 | 448.0 | 467.0 | 469.9 | 442.5 | 414.6 | 397.0 |
| G29.0 | 396.6 | 403.1 | 413.0 | 425.5 | 440.1 | 459.6 | 461.2 | 433.7 | 406.5 | 388.8 |
| G30.0 | 386.9 | 393.3 | 404.0 | 418.2 | 434.0 | 451.7 | 452.9 | 425.0 | 399.1 | 381.2 |
| G31.0 | 378.1 | 385.2 | 395.9 | 409.4 | 426.7 | 443.5 | 445.0 | 416.3 | 392.2 | 374.2 |
| G32.0 | 367.5 | 374.8 | 386.9 | 402.8 | 416.1 | 434.2 | 435.1 | 407.5 | 385.3 | 365.5 |
| G33.0 | 356.5 | 365.1 | 378.6 | 394.1 | 408.5 | 425.9 | 425.4 | 397.6 | 375.9 | 358.9 |
| G34.0 | 344.8 | 357.0 | 371.6 | 386.0 | 401.1 | 414.7 | 415.0 | 388.9 | 369.1 | 351.8 |
| G35.0 | 335.4 | 345.8 | 361.2 | 378.8 | 392.8 | 405.2 | 405.6 | 378.9 | 360.8 | 343.8 |
| G36.0 | 323.9 | 337.3 | 354.3 | 368.5 | 384.5 | 396.0 | 393.8 | 370.5 | 352.6 | 335.0 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 1)

Unit: cd

| G\C | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| G37.0 | 313.4 | 328.0 | 345.5 | 363.0 | 376.2 | 386.8 | 383.0 | 360.2 | 345.7 | 327.8 |
| G38.0 | 302.0 | 319.1 | 337.7 | 354.0 | 367.6 | 377.6 | 370.7 | 352.6 | 335.6 | 321.1 |
| G39.0 | 292.1 | 308.9 | 327.8 | 346.7 | 359.9 | 366.7 | 357.1 | 342.6 | 327.3 | 311.9 |
| G40.0 | 281.7 | 300.1 | 318.8 | 338.1 | 351.1 | 357.8 | 346.3 | 332.2 | 320.1 | 305.3 |
| G41.0 | 270.9 | 290.5 | 312.7 | 330.5 | 344.5 | 347.3 | 334.2 | 324.8 | 312.4 | 298.3 |
| G42.0 | 261.7 | 282.1 | 303.0 | 323.1 | 334.3 | 336.1 | 321.3 | 312.8 | 303.9 | 289.8 |
| G43.0 | 250.8 | 273.5 | 294.7 | 316.6 | 327.0 | 326.2 | 308.7 | 303.5 | 295.7 | 283.1 |
| G44.0 | 240.2 | 264.6 | 287.4 | 309.3 | 318.0 | 317.1 | 297.1 | 294.3 | 287.1 | 275.6 |
| G45.0 | 231.6 | 254.1 | 278.5 | 301.1 | 309.4 | 307.5 | 283.8 | 285.3 | 279.3 | 268.7 |
| G46.0 | 221.3 | 245.5 | 270.8 | 294.6 | 300.8 | 297.0 | 272.0 | 274.0 | 270.3 | 261.9 |
| G47.0 | 212.3 | 236.9 | 263.2 | 287.0 | 292.9 | 285.8 | 259.7 | 263.9 | 262.8 | 254.1 |
| G48.0 | 203.9 | 227.6 | 254.4 | 280.6 | 284.4 | 275.8 | 248.6 | 255.3 | 255.5 | 247.4 |
| G49.0 | 194.9 | 219.7 | 248.1 | 274.0 | 277.3 | 266.3 | 238.1 | 246.2 | 246.5 | 241.0 |
| G50.0 | 187.3 | 211.4 | 240.3 | 267.4 | 269.2 | 255.1 | 225.8 | 235.3 | 239.5 | 233.8 |
| G51.0 | 178.8 | 203.2 | 232.2 | 261.0 | 260.7 | 245.0 | 215.5 | 226.5 | 232.6 | 227.5 |
| G52.0 | 170.9 | 193.9 | 225.3 | 254.9 | 253.6 | 235.1 | 205.4 | 216.7 | 224.8 | 219.2 |
| G53.0 | 163.7 | 186.2 | 218.6 | 248.7 | 246.0 | 225.8 | 196.3 | 206.9 | 218.3 | 212.7 |
| G54.0 | 157.2 | 178.8 | 210.9 | 240.8 | 237.1 | 216.1 | 186.6 | 198.4 | 210.0 | 206.3 |
| G55.0 | 150.0 | 170.6 | 204.1 | 235.0 | 229.9 | 206.4 | 176.9 | 190.2 | 202.6 | 200.1 |
| G56.0 | 143.9 | 162.9 | 197.7 | 229.3 | 222.9 | 197.3 | 168.9 | 181.4 | 195.9 | 191.9 |
| G57.0 | 137.6 | 156.3 | 191.8 | 222.2 | 214.9 | 187.9 | 160.9 | 173.0 | 188.5 | 185.5 |
| G58.0 | 130.9 | 148.9 | 185.1 | 215.4 | 208.5 | 179.2 | 153.3 | 164.2 | 180.5 | 178.6 |
| G59.0 | 124.9 | 142.1 | 178.0 | 209.7 | 201.3 | 170.6 | 145.3 | 156.3 | 174.0 | 171.9 |
| G60.0 | 119.2 | 135.1 | 171.0 | 203.0 | 194.1 | 162.6 | 138.6 | 148.8 | 166.4 | 164.3 |
| G61.0 | 114.0 | 128.5 | 164.6 | 195.8 | 186.9 | 154.8 | 131.7 | 141.5 | 159.7 | 156.6 |
| G62.0 | 107.9 | 122.8 | 158.6 | 188.6 | 180.2 | 146.2 | 125.8 | 133.4 | 152.3 | 149.9 |
| G63.0 | 102.6 | 116.2 | 151.5 | 181.5 | 173.3 | 139.3 | 119.3 | 126.6 | 145.5 | 142.9 |
| G64.0 | 97.8 | 109.6 | 144.5 | 174.5 | 166.9 | 131.9 | 112.9 | 120.0 | 138.3 | 135.8 |
| G65.0 | 92.4 | 103.8 | 138.2 | 166.4 | 159.5 | 125.4 | 107.5 | 112.8 | 131.8 | 127.8 |
| G66.0 | 87.6 | 98.8 | 131.9 | 159.1 | 152.0 | 118.9 | 102.2 | 106.3 | 124.3 | 121.1 |
| G67.0 | 82.4 | 93.4 | 125.7 | 151.9 | 146.0 | 111.8 | 96.1 | 100.6 | 117.8 | 113.7 |
| G68.0 | 77.7 | 87.8 | 118.9 | 144.8 | 138.7 | 105.9 | 91.4 | 94.8 | 111.1 | 105.9 |
| G69.0 | 72.9 | 82.7 | 112.7 | 136.1 | 132.2 | 100.4 | 86.4 | 89.2 | 104.9 | 98.9 |
| G70.0 | 68.3 | 77.9 | 106.4 | 128.7 | 124.9 | 94.1 | 81.6 | 83.7 | 98.4 | 92.6 |
| G71.0 | 63.5 | 72.6 | 99.8 | 121.2 | 119.0 | 88.9 | 76.4 | 78.8 | 91.8 | 85.7 |
| G72.0 | 58.9 | 68.3 | 93.6 | 113.6 | 112.4 | 84.2 | 72.4 | 73.8 | 85.7 | 79.2 |
| G73.0 | 55.1 | 63.6 | 87.2 | 105.9 | 105.5 | 79.2 | 67.9 | 69.1 | 79.9 | 72.7 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 2)

Unit: cd

| G\C | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|--------|------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| G74.0 | 50.5 | 59.4 | 81.6 | 98.2 | 99.4 | 73.8 | 63.9 | 63.9 | 73.3 | 66.4 |
| G75.0 | 46.3 | 54.5 | 75.4 | 91.4 | 92.7 | 69.3 | 59.5 | 59.8 | 67.7 | 60.6 |
| G76.0 | 42.3 | 50.6 | 69.5 | 85.0 | 86.9 | 65.0 | 55.6 | 55.4 | 62.0 | 54.0 |
| G77.0 | 38.3 | 46.5 | 64.3 | 78.3 | 80.1 | 60.8 | 51.9 | 51.4 | 56.9 | 47.8 |
| G78.0 | 34.5 | 42.2 | 58.7 | 71.0 | 73.9 | 56.1 | 48.0 | 47.0 | 51.1 | 42.0 |
| G79.0 | 30.2 | 38.3 | 53.8 | 64.7 | 68.0 | 52.0 | 44.5 | 43.1 | 46.0 | 37.0 |
| G80.0 | 26.6 | 34.1 | 47.9 | 58.3 | 62.4 | 48.5 | 41.0 | 39.0 | 40.7 | 31.2 |
| G81.0 | 23.4 | 30.2 | 42.8 | 51.3 | 56.8 | 44.4 | 37.1 | 35.2 | 35.9 | 26.2 |
| G82.0 | 20.6 | 26.9 | 37.7 | 45.3 | 51.1 | 40.3 | 33.5 | 31.0 | 30.7 | 21.4 |
| G83.0 | 17.5 | 23.8 | 33.0 | 39.6 | 45.7 | 36.0 | 29.4 | 27.4 | 26.0 | 16.7 |
| G84.0 | 15.1 | 20.5 | 28.0 | 34.3 | 40.5 | 32.4 | 26.1 | 24.5 | 22.0 | 11.9 |
| G85.0 | 13.1 | 17.7 | 23.5 | 28.7 | 34.4 | 28.5 | 23.3 | 21.4 | 18.5 | 8.0 |
| G86.0 | 10.9 | 15.4 | 19.7 | 22.8 | 28.8 | 25.5 | 20.5 | 18.6 | 15.1 | 6.3 |
| G87.0 | 8.5 | 13.3 | 15.7 | 18.0 | 24.1 | 22.3 | 17.5 | 16.2 | 12.3 | 4.7 |
| G88.0 | 5.3 | 11.2 | 12.5 | 13.1 | 19.2 | 19.5 | 15.1 | 14.0 | 9.7 | 3.3 |
| G89.0 | 3.4 | 8.6 | 9.6 | 8.5 | 13.7 | 17.0 | 12.9 | 11.8 | 7.3 | 2.2 |
| G90.0 | 2.2 | 5.6 | 7.0 | 4.6 | 7.0 | 14.0 | 10.7 | 9.3 | 4.6 | 1.4 |
| G91.0 | 1.7 | 3.3 | 4.3 | 2.9 | 3.6 | 11.6 | 8.4 | 6.6 | 2.6 | 0.0 |
| G92.0 | 1.2 | 2.1 | 1.8 | 1.3 | 1.5 | 9.4 | 5.9 | 4.5 | 1.1 | 0.0 |
| G93.0 | 0.0 | 1.2 | 0.0 | 0.0 | 0.0 | 7.0 | 3.9 | 2.7 | 0.0 | 0.0 |
| G94.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.4 | 2.3 | 1.6 | 0.0 | 0.0 |
| G95.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.4 | 1.3 | 0.9 | 0.0 | 0.0 |
| G96.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.3 | 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 | 0.0 |
| G98.0 | 0.0 | 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 | 0.0 |
| G100.0 | 0.0 | 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 | 0.0 |
| G102.0 | 0.0 | 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 | 0.0 |
| G104.0 | 0.0 | 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 | 0.0 |
| G106.0 | 0.0 | 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 | 0.0 |
| G108.0 | 0.0 | 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 | 0.0 |
| G110.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 3)

Unit: cd

| G\C | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|--------|------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| G111.0 | 0.0 | 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 | 0.0 |
| G113.0 | 0.0 | 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 | 0.0 |
| G115.0 | 0.0 | 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 | 0.0 |
| G117.0 | 0.0 | 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 | 0.0 |
| G119.0 | 0.0 | 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 | 0.0 |
| G121.0 | 0.0 | 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 | 0.0 |
| G123.0 | 0.0 | 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 | 0.0 |
| G125.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G126.0 | 0.0 | 0.0 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G127.0 | 0.0 | 0.0 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G128.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G129.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G130.0 | 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G131.0 | 0.0 | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G132.0 | 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G133.0 | 0.0 | 0.0 | 1.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G134.0 | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G135.0 | 0.0 | 0.9 | 1.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| G136.0 | 0.0 | 1.0 | 1.3 | 0.0 | 1.0 | 0.0 | 0.0 | 0.9 | 0.0 | 1.0 |
| G137.0 | 0.0 | 1.2 | 1.5 | 0.0 | 0.9 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 |
| G138.0 | 0.0 | 1.1 | 1.5 | 0.0 | 1.1 | 1.0 | 0.0 | 1.0 | 0.0 | 1.2 |
| G139.0 | 1.0 | 1.0 | 1.4 | 0.0 | 1.1 | 0.0 | 0.0 | 0.9 | 0.0 | 1.0 |
| G140.0 | 1.0 | 1.0 | 1.5 | 0.0 | 1.1 | 0.0 | 0.0 | 1.1 | 0.9 | 1.2 |
| G141.0 | 1.0 | 1.0 | 1.5 | 0.0 | 1.2 | 0.9 | 0.0 | 1.1 | 1.1 | 1.2 |
| G142.0 | 1.0 | 1.1 | 1.7 | 0.0 | 1.3 | 1.1 | 0.0 | 1.1 | 0.9 | 1.3 |
| G143.0 | 1.2 | 1.2 | 1.7 | 0.0 | 1.3 | 1.1 | 0.0 | 1.0 | 1.0 | 1.3 |
| G144.0 | 1.1 | 1.2 | 1.4 | 0.0 | 1.3 | 1.0 | 0.0 | 1.1 | 1.0 | 1.5 |
| G145.0 | 1.1 | 1.4 | 1.6 | 1.1 | 1.6 | 1.0 | 1.0 | 1.1 | 1.2 | 1.3 |
| G146.0 | 1.2 | 1.5 | 1.4 | 1.1 | 1.5 | 1.0 | 1.0 | 1.2 | 1.0 | 1.3 |
| G147.0 | 1.2 | 1.6 | 1.6 | 0.0 | 1.6 | 1.1 | 0.0 | 1.3 | 1.0 | 1.4 |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 4)

Unit: cd

| G\C | C0.0 | C30.0 | C60.0 | C90.0 | C120.0 | C150.0 | C180.0 | C210.0 | C240.0 | C270.0 |
|--------|------|-------|-------|-------|--------|--------|--------|--------|--------|--------|
| G148.0 | 1.3 | 1.6 | 1.5 | 1.1 | 1.6 | 1.2 | 1.0 | 1.3 | 1.2 | 1.5 |
| G149.0 | 1.3 | 1.6 | 1.5 | 1.1 | 1.7 | 1.4 | 1.1 | 1.4 | 1.1 | 1.4 |
| G150.0 | 1.4 | 1.5 | 1.6 | 1.3 | 1.8 | 1.5 | 1.2 | 1.5 | 1.0 | 1.6 |
| G151.0 | 1.4 | 1.5 | 1.7 | 1.2 | 1.9 | 1.6 | 1.4 | 1.4 | 1.0 | 1.5 |
| G152.0 | 1.4 | 1.5 | 1.7 | 1.2 | 1.8 | 1.5 | 1.3 | 1.5 | 1.0 | 1.5 |
| G153.0 | 1.5 | 1.6 | 1.8 | 1.3 | 1.8 | 1.5 | 1.2 | 1.6 | 1.1 | 1.7 |
| G154.0 | 1.6 | 1.6 | 1.8 | 1.3 | 1.9 | 1.6 | 1.3 | 1.6 | 1.2 | 1.6 |
| G155.0 | 1.6 | 1.6 | 1.8 | 1.2 | 1.9 | 1.7 | 1.2 | 1.6 | 1.2 | 1.6 |
| G156.0 | 1.7 | 1.6 | 1.8 | 1.4 | 2.1 | 1.6 | 1.3 | 1.6 | 1.2 | 1.6 |
| G157.0 | 1.7 | 1.7 | 1.9 | 1.3 | 2.0 | 1.7 | 1.4 | 1.8 | 1.2 | 1.6 |
| G158.0 | 1.7 | 1.8 | 1.9 | 1.4 | 2.2 | 1.8 | 1.4 | 1.8 | 1.4 | 1.7 |
| G159.0 | 1.7 | 1.9 | 1.8 | 1.4 | 2.1 | 1.8 | 1.4 | 1.8 | 1.5 | 1.7 |
| G160.0 | 1.7 | 1.9 | 1.8 | 1.6 | 2.0 | 1.7 | 1.4 | 1.7 | 1.5 | 1.8 |
| G161.0 | 1.6 | 1.8 | 1.7 | 1.5 | 2.1 | 1.8 | 1.4 | 1.9 | 1.6 | 1.8 |
| G162.0 | 1.7 | 1.9 | 1.9 | 1.5 | 2.1 | 1.8 | 1.4 | 2.0 | 1.5 | 1.8 |
| G163.0 | 1.7 | 1.9 | 1.9 | 1.6 | 2.3 | 1.9 | 1.6 | 2.1 | 1.6 | 1.9 |
| G164.0 | 1.7 | 1.8 | 2.0 | 1.5 | 2.2 | 2.0 | 1.6 | 2.2 | 1.7 | 2.0 |
| G165.0 | 1.6 | 1.9 | 1.9 | 1.7 | 2.4 | 2.0 | 1.5 | 2.0 | 1.6 | 2.0 |
| G166.0 | 1.8 | 1.9 | 2.1 | 1.6 | 2.3 | 2.0 | 1.5 | 2.1 | 1.7 | 1.9 |
| G167.0 | 1.9 | 1.9 | 2.3 | 1.6 | 2.4 | 1.9 | 1.6 | 2.1 | 1.9 | 2.0 |
| G168.0 | 2.0 | 2.0 | 2.3 | 1.7 | 2.5 | 2.0 | 1.6 | 2.1 | 1.7 | 2.1 |
| G169.0 | 2.1 | 2.0 | 2.1 | 1.7 | 2.5 | 2.1 | 1.7 | 2.1 | 1.6 | 2.0 |
| G170.0 | 2.0 | 2.1 | 2.1 | 1.7 | 2.5 | 2.1 | 1.7 | 2.0 | 1.6 | 1.9 |
| G171.0 | 1.9 | 2.0 | 2.0 | 1.7 | 2.4 | 2.2 | 1.6 | 2.1 | 1.7 | 1.9 |
| G172.0 | 2.0 | 2.2 | 2.1 | 1.8 | 2.6 | 2.2 | 1.7 | 2.1 | 1.7 | 1.9 |
| G173.0 | 2.0 | 2.2 | 2.2 | 1.8 | 2.5 | 2.2 | 1.9 | 2.0 | 1.9 | 1.8 |
| G174.0 | 2.0 | 2.2 | 2.3 | 1.9 | 2.6 | 2.2 | 1.8 | 2.2 | 1.7 | 2.0 |
| G175.0 | 2.1 | 2.2 | 2.2 | 2.0 | 2.6 | 2.1 | 1.7 | 2.1 | 1.8 | 2.0 |
| G176.0 | 2.1 | 2.1 | 2.2 | 1.9 | 2.6 | 2.2 | 1.8 | 2.0 | 1.9 | 2.1 |
| G177.0 | 2.1 | 2.2 | 2.3 | 2.1 | 2.7 | 2.1 | 1.9 | 2.3 | 1.9 | 2.2 |
| G178.0 | 2.1 | 2.3 | 2.2 | 1.9 | 2.5 | 2.2 | 2.0 | 2.2 | 1.9 | 2.2 |
| G179.0 | 2.2 | 2.2 | 2.2 | 1.9 | 2.4 | 2.3 | 1.8 | 2.1 | 2.2 | 2.1 |
| G180.0 | 2.3 | 2.1 | 2.3 | 1.9 | 2.5 | 2.4 | 1.9 | 2.3 | 2.2 | 2.2 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 5)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | |
|-------|--------|--------|--------|--|--|--|--|--|--|
| G0.0 | 546.2 | 544.7 | 554.5 | | | | | | |
| G1.0 | 542.9 | 542.0 | 552.5 | | | | | | |
| G2.0 | 542.0 | 539.0 | 550.7 | | | | | | |
| G3.0 | 539.4 | 536.5 | 546.6 | | | | | | |
| G4.0 | 538.2 | 534.5 | 544.0 | | | | | | |
| G5.0 | 534.5 | 532.7 | 541.6 | | | | | | |
| G6.0 | 530.3 | 528.7 | 538.8 | | | | | | |
| G7.0 | 525.6 | 525.8 | 537.3 | | | | | | |
| G8.0 | 521.6 | 520.9 | 533.1 | | | | | | |
| G9.0 | 519.5 | 517.3 | 529.9 | | | | | | |
| G10.0 | 513.2 | 513.1 | 526.9 | | | | | | |
| G11.0 | 508.8 | 508.4 | 525.0 | | | | | | |
| G12.0 | 504.1 | 503.8 | 519.0 | | | | | | |
| G13.0 | 496.8 | 498.3 | 514.0 | | | | | | |
| G14.0 | 490.5 | 493.5 | 509.7 | | | | | | |
| G15.0 | 485.4 | 489.1 | 504.2 | | | | | | |
| G16.0 | 479.8 | 483.1 | 500.2 | | | | | | |
| G17.0 | 472.0 | 475.6 | 492.5 | | | | | | |
| G18.0 | 462.7 | 469.2 | 487.2 | | | | | | |
| G19.0 | 456.8 | 460.6 | 480.1 | | | | | | |
| G20.0 | 448.2 | 452.3 | 471.4 | | | | | | |
| G21.0 | 439.9 | 443.6 | 466.2 | | | | | | |
| G22.0 | 432.7 | 436.6 | 457.1 | | | | | | |
| G23.0 | 423.9 | 428.2 | 450.0 | | | | | | |
| G24.0 | 416.0 | 419.4 | 442.9 | | | | | | |
| G25.0 | 409.1 | 409.1 | 434.3 | | | | | | |
| G26.0 | 400.1 | 400.8 | 424.8 | | | | | | |
| G27.0 | 392.1 | 390.6 | 416.3 | | | | | | |
| G28.0 | 385.1 | 382.3 | 408.0 | | | | | | |
| G29.0 | 376.9 | 373.8 | 396.6 | | | | | | |
| G30.0 | 367.9 | 363.8 | 386.9 | | | | | | |
| G31.0 | 358.7 | 353.4 | 378.1 | | | | | | |
| G32.0 | 350.8 | 344.3 | 367.5 | | | | | | |
| G33.0 | 343.4 | 335.5 | 356.5 | | | | | | |
| G34.0 | 335.7 | 326.9 | 344.8 | | | | | | |
| G35.0 | 326.4 | 317.3 | 335.4 | | | | | | |
| G36.0 | 318.4 | 307.8 | 323.9 | | | | | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 6)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|-------|--------|--------|--------|--|--|--|--|--|--|--|
| G37.0 | 310.0 | 299.1 | 313.4 | | | | | | | |
| G38.0 | 303.4 | 290.6 | 302.0 | | | | | | | |
| G39.0 | 295.0 | 279.9 | 292.1 | | | | | | | |
| G40.0 | 285.3 | 271.1 | 281.7 | | | | | | | |
| G41.0 | 278.0 | 262.6 | 270.9 | | | | | | | |
| G42.0 | 269.6 | 253.9 | 261.7 | | | | | | | |
| G43.0 | 262.2 | 244.8 | 250.8 | | | | | | | |
| G44.0 | 253.5 | 236.6 | 240.2 | | | | | | | |
| G45.0 | 245.6 | 227.9 | 231.6 | | | | | | | |
| G46.0 | 238.1 | 219.3 | 221.3 | | | | | | | |
| G47.0 | 229.9 | 211.4 | 212.3 | | | | | | | |
| G48.0 | 223.2 | 202.4 | 203.9 | | | | | | | |
| G49.0 | 215.2 | 194.4 | 194.9 | | | | | | | |
| G50.0 | 207.5 | 186.7 | 187.3 | | | | | | | |
| G51.0 | 201.3 | 178.6 | 178.8 | | | | | | | |
| G52.0 | 194.1 | 170.1 | 170.9 | | | | | | | |
| G53.0 | 186.4 | 163.5 | 163.7 | | | | | | | |
| G54.0 | 178.9 | 156.5 | 157.2 | | | | | | | |
| G55.0 | 172.7 | 148.7 | 150.0 | | | | | | | |
| G56.0 | 164.8 | 142.0 | 143.9 | | | | | | | |
| G57.0 | 158.5 | 135.4 | 137.6 | | | | | | | |
| G58.0 | 152.2 | 129.4 | 130.9 | | | | | | | |
| G59.0 | 145.1 | 123.1 | 124.9 | | | | | | | |
| G60.0 | 138.8 | 116.4 | 119.2 | | | | | | | |
| G61.0 | 131.6 | 111.1 | 114.0 | | | | | | | |
| G62.0 | 125.6 | 105.1 | 107.9 | | | | | | | |
| G63.0 | 119.1 | 99.8 | 102.6 | | | | | | | |
| G64.0 | 112.7 | 93.5 | 97.8 | | | | | | | |
| G65.0 | 106.2 | 88.8 | 92.4 | | | | | | | |
| G66.0 | 100.4 | 83.8 | 87.6 | | | | | | | |
| G67.0 | 94.4 | 78.5 | 82.4 | | | | | | | |
| G68.0 | 88.2 | 73.7 | 77.7 | | | | | | | |
| G69.0 | 82.8 | 69.2 | 72.9 | | | | | | | |
| G70.0 | 77.1 | 64.5 | 68.3 | | | | | | | |
| G71.0 | 71.5 | 60.3 | 63.5 | | | | | | | |
| G72.0 | 65.3 | 55.2 | 58.9 | | | | | | | |
| G73.0 | 60.2 | 51.4 | 55.1 | | | | | | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 7)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|--------|--------|--------|--------|--|--|--|--|--|--|--|
| G74.0 | 55.6 | 47.4 | 50.5 | | | | | | | |
| G75.0 | 50.4 | 43.0 | 46.3 | | | | | | | |
| G76.0 | 45.3 | 38.9 | 42.3 | | | | | | | |
| G77.0 | 40.4 | 35.1 | 38.3 | | | | | | | |
| G78.0 | 35.7 | 31.1 | 34.5 | | | | | | | |
| G79.0 | 31.1 | 27.3 | 30.2 | | | | | | | |
| G80.0 | 26.3 | 24.0 | 26.6 | | | | | | | |
| G81.0 | 22.4 | 21.3 | 23.4 | | | | | | | |
| G82.0 | 18.8 | 18.5 | 20.6 | | | | | | | |
| G83.0 | 15.4 | 16.1 | 17.5 | | | | | | | |
| G84.0 | 12.2 | 13.9 | 15.1 | | | | | | | |
| G85.0 | 9.6 | 11.9 | 13.1 | | | | | | | |
| G86.0 | 7.0 | 9.3 | 10.9 | | | | | | | |
| G87.0 | 4.9 | 6.6 | 8.5 | | | | | | | |
| G88.0 | 2.8 | 4.2 | 5.3 | | | | | | | |
| G89.0 | 1.3 | 2.8 | 3.4 | | | | | | | |
| G90.0 | 0.0 | 2.1 | 2.2 | | | | | | | |
| G91.0 | 0.0 | 1.5 | 1.7 | | | | | | | |
| G92.0 | 0.0 | 0.0 | 1.2 | | | | | | | |
| G93.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G94.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G95.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G96.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G97.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G98.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G99.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G100.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G101.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G102.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G103.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G104.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G105.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G106.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G107.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G108.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G109.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G110.0 | 0.0 | 0.0 | 0.0 | | | | | | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 8)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|--------|--------|--------|--------|--|--|--|--|--|--|--|
| G111.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G112.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G113.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G114.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G115.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G116.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G117.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G118.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G119.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G120.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G121.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G122.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G123.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G124.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G125.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G126.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G127.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G128.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G129.0 | 0.0 | 0.0 | 0.0 | | | | | | | |
| G130.0 | 0.0 | 0.9 | 0.0 | | | | | | | |
| G131.0 | 0.0 | 0.9 | 0.0 | | | | | | | |
| G132.0 | 0.0 | 1.0 | 0.0 | | | | | | | |
| G133.0 | 0.0 | 1.0 | 0.0 | | | | | | | |
| G134.0 | 0.9 | 1.0 | 0.0 | | | | | | | |
| G135.0 | 1.0 | 1.1 | 0.0 | | | | | | | |
| G136.0 | 1.0 | 1.1 | 0.0 | | | | | | | |
| G137.0 | 1.1 | 1.2 | 0.0 | | | | | | | |
| G138.0 | 1.2 | 1.2 | 0.0 | | | | | | | |
| G139.0 | 1.1 | 1.3 | 1.0 | | | | | | | |
| G140.0 | 1.3 | 1.3 | 1.0 | | | | | | | |
| G141.0 | 1.4 | 1.3 | 1.0 | | | | | | | |
| G142.0 | 1.4 | 1.3 | 1.0 | | | | | | | |
| G143.0 | 1.3 | 1.3 | 1.2 | | | | | | | |
| G144.0 | 1.4 | 1.5 | 1.1 | | | | | | | |
| G145.0 | 1.4 | 1.5 | 1.1 | | | | | | | |
| G146.0 | 1.4 | 1.6 | 1.2 | | | | | | | |
| G147.0 | 1.5 | 1.6 | 1.2 | | | | | | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector:

Candlepower Table (Continue 9)

Unit: cd

| G\C | C300.0 | C330.0 | C360.0 | | | | | | | |
|--------|--------|--------|--------|--|--|--|--|--|--|--|
| G148.0 | 1.7 | 1.6 | 1.3 | | | | | | | |
| G149.0 | 1.7 | 1.7 | 1.3 | | | | | | | |
| G150.0 | 1.7 | 1.7 | 1.4 | | | | | | | |
| G151.0 | 1.7 | 1.9 | 1.4 | | | | | | | |
| G152.0 | 1.7 | 1.8 | 1.4 | | | | | | | |
| G153.0 | 1.7 | 1.7 | 1.5 | | | | | | | |
| G154.0 | 1.6 | 1.6 | 1.6 | | | | | | | |
| G155.0 | 1.7 | 1.7 | 1.6 | | | | | | | |
| G156.0 | 1.8 | 1.9 | 1.7 | | | | | | | |
| G157.0 | 2.0 | 1.8 | 1.7 | | | | | | | |
| G158.0 | 2.0 | 1.8 | 1.7 | | | | | | | |
| G159.0 | 2.1 | 2.0 | 1.7 | | | | | | | |
| G160.0 | 2.0 | 2.1 | 1.7 | | | | | | | |
| G161.0 | 2.0 | 2.1 | 1.6 | | | | | | | |
| G162.0 | 2.0 | 2.1 | 1.7 | | | | | | | |
| G163.0 | 2.1 | 2.2 | 1.7 | | | | | | | |
| G164.0 | 2.0 | 2.2 | 1.7 | | | | | | | |
| G165.0 | 1.9 | 2.1 | 1.6 | | | | | | | |
| G166.0 | 1.9 | 2.2 | 1.8 | | | | | | | |
| G167.0 | 2.0 | 2.3 | 1.9 | | | | | | | |
| G168.0 | 2.1 | 2.3 | 2.0 | | | | | | | |
| G169.0 | 2.1 | 2.4 | 2.1 | | | | | | | |
| G170.0 | 2.2 | 2.3 | 2.0 | | | | | | | |
| G171.0 | 2.3 | 2.3 | 1.9 | | | | | | | |
| G172.0 | 2.2 | 2.3 | 2.0 | | | | | | | |
| G173.0 | 2.1 | 2.3 | 2.0 | | | | | | | |
| G174.0 | 2.2 | 2.2 | 2.0 | | | | | | | |
| G175.0 | 2.4 | 2.2 | 2.1 | | | | | | | |
| G176.0 | 2.3 | 2.3 | 2.1 | | | | | | | |
| G177.0 | 2.2 | 2.3 | 2.1 | | | | | | | |
| G178.0 | 2.3 | 2.3 | 2.1 | | | | | | | |
| G179.0 | 2.4 | 2.4 | 2.2 | | | | | | | |
| G180.0 | 2.3 | 2.3 | 2.3 | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

C Plane (°):0.0-360.0: 30.0
 Test Lab:
 Test Type: TYPE C
 Temperature:
 Operator:

Gamma Plane (°):0.0-180.0:1.0
 Test Device: GPM-1800B
 Distance: 11.655 m [K=1.0000]
 Humidity:
 Inspector: