

Report No.:

Test Time: 2020-7-2 09:27

## Luminaire Property

Luminaire Manufacturer:  
Luminaire Category:  
Lamp Catalog:  
Number of Lamps:  
Luminous Length (mm):  
Luminous Height (mm):  
Current: 0.062 A  
Power Factor: 0.924

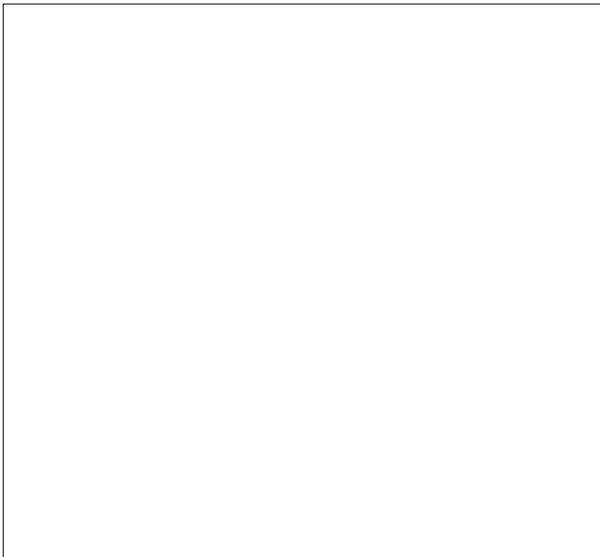
Luminaire Description:  
Lamp Description:  
Lumens per Lamp:  
Luminous Width (mm):  
Voltage: 277.0 V  
Power: 15.69 W

## Photometric Results

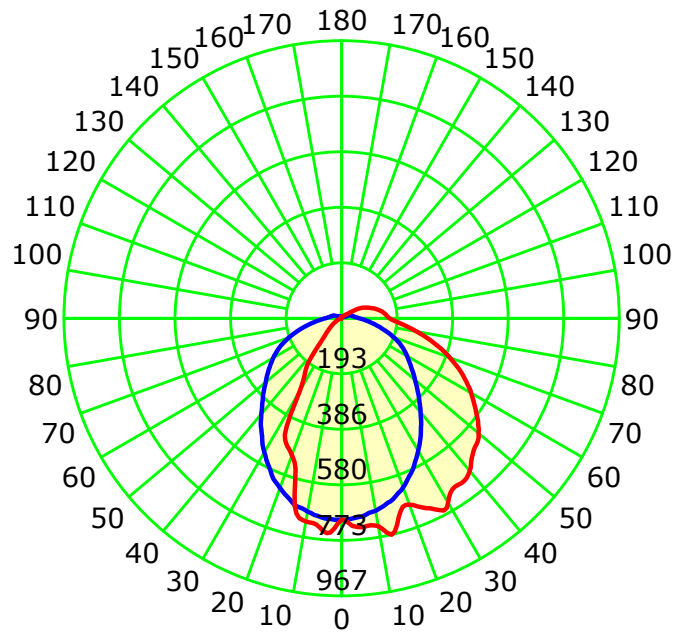
IES Classification: Type IV  
Total Rated Lamp Lumens: 2115.8 lm  
Efficiency: 100%  
Upward Ratio: 10%  
C0r0 Intensity: 702.44 cd  
Pos of Max. Intensity: H90 V13

Longitudinal Classification: Very Short  
Measurement Flux: 2115.8 lm  
Downward Ratio: 90%  
Luminaire Efficacy Rating (LER): 134.90  
Max. Intensity: 774 cd

Picture Of Luminaire



Luminous Intensity Distribution Curve



Unit: cd

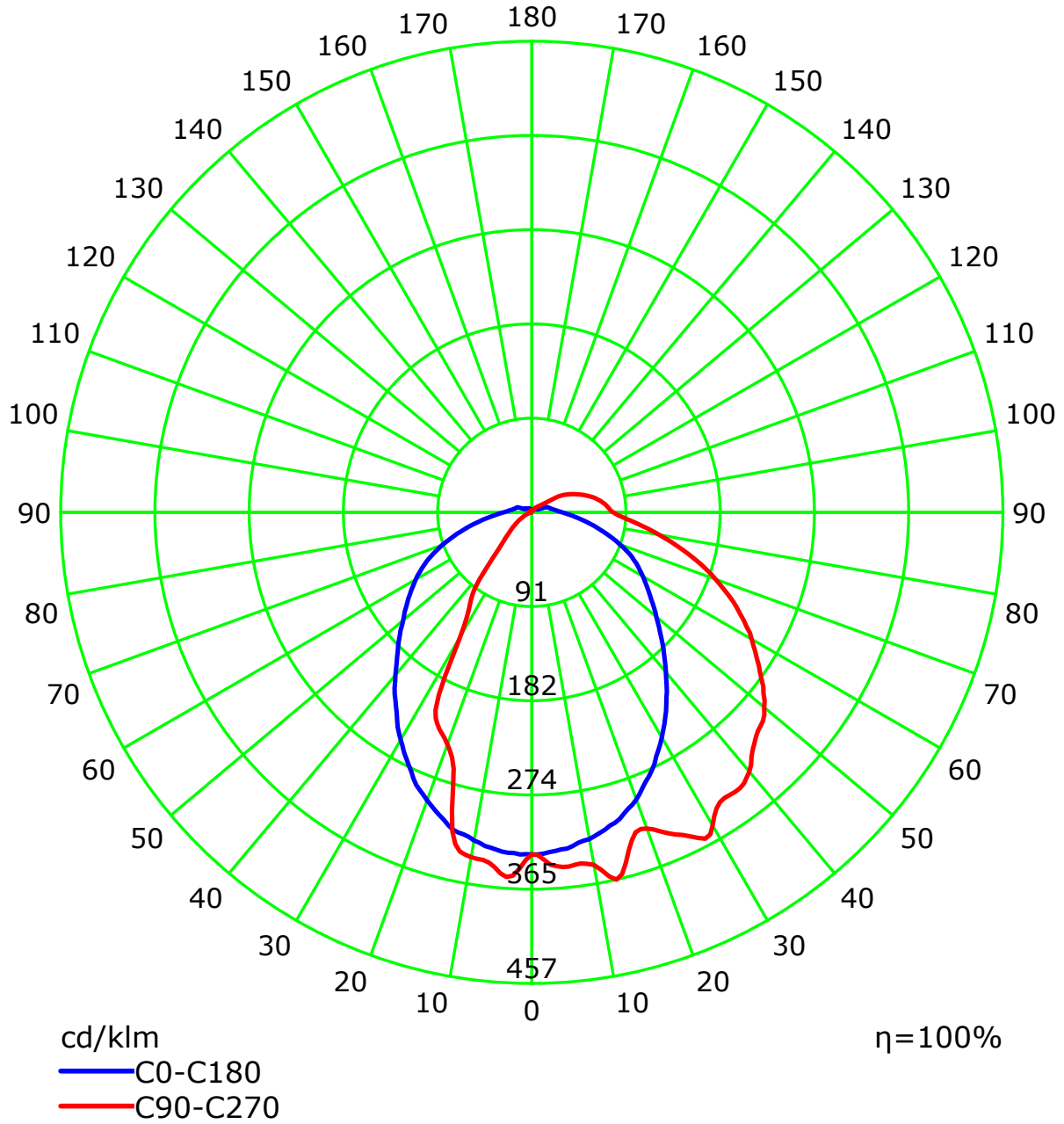
Average Diffuse Angle(50%): 98.1°

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 29.5 °C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.040 m [K=1.0000]  
Humidity:  
Inspector:

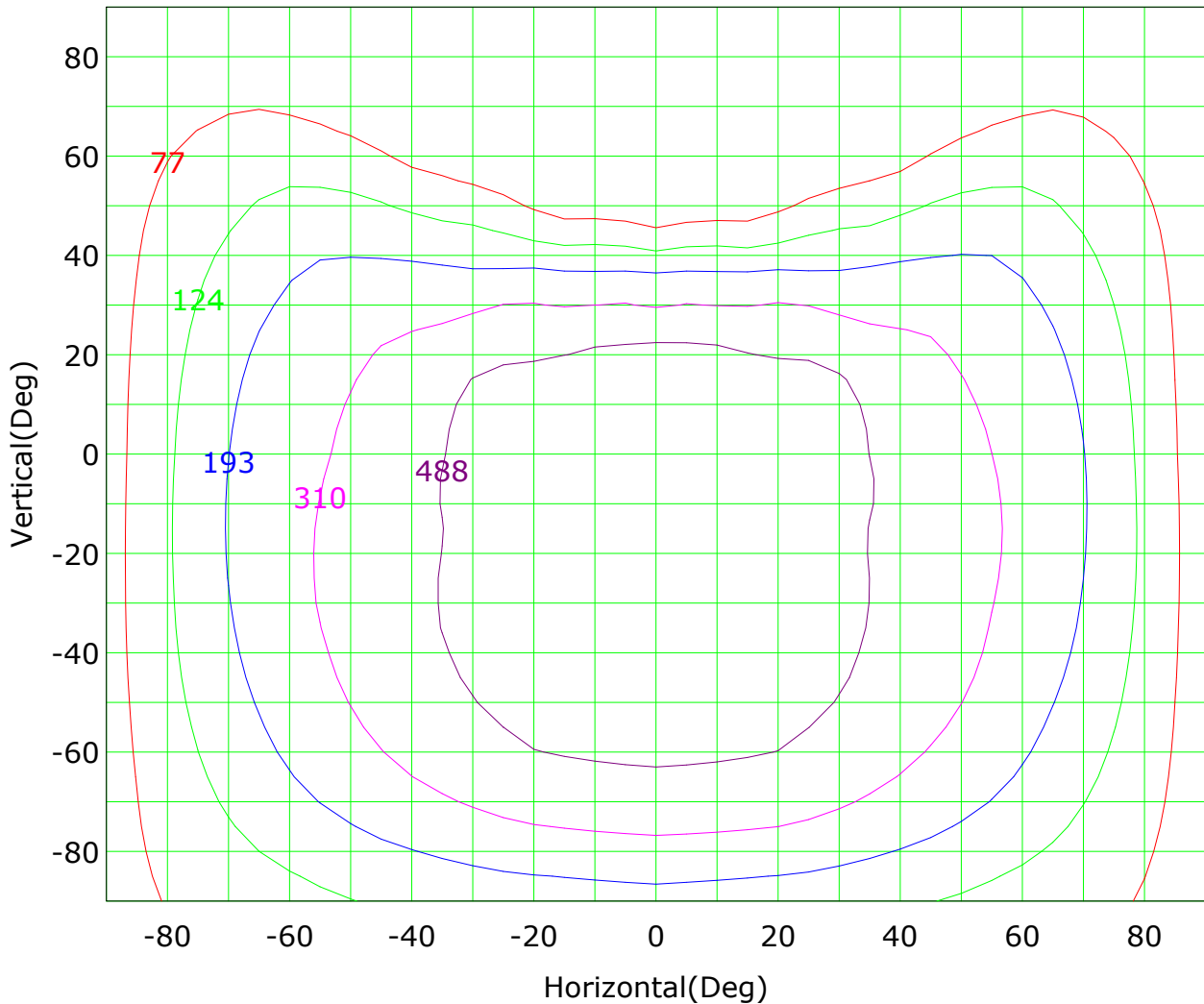
## Luminous Intensity Distribution Curve(cd/klm)



C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 29.5 °C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.040 m [K=1.0000]  
Humidity:  
Inspector:

## Isocandela (rectangle)



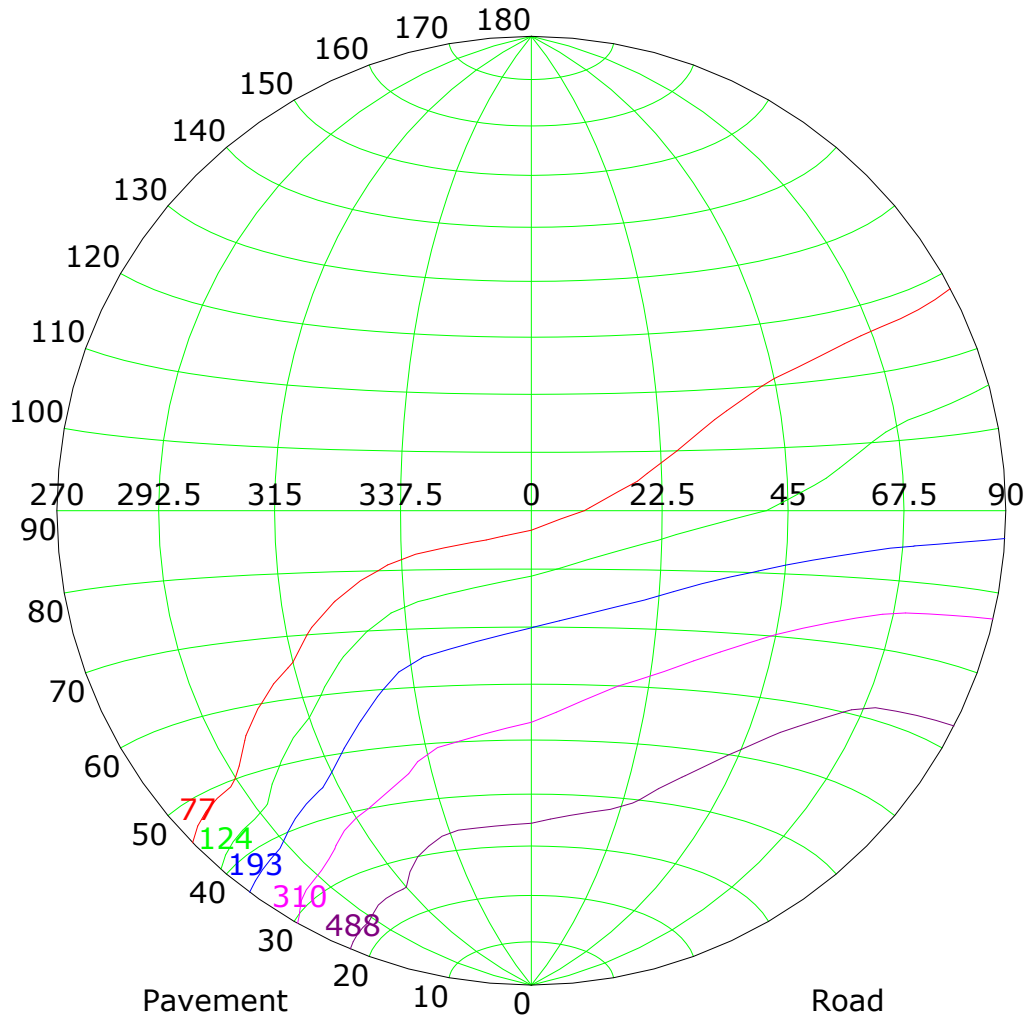
Imax (100%): 774 cd

- |                |                |
|----------------|----------------|
| ( 10%): 77 cd  | ( 16%): 124 cd |
| ( 25%): 193 cd | ( 40%): 310 cd |
| ( 63%): 488 cd | (100%): 774 cd |

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 29.5 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.040 m [K=1.0000]  
Humidity:  
Inspector:

## Isocandela (sphere)



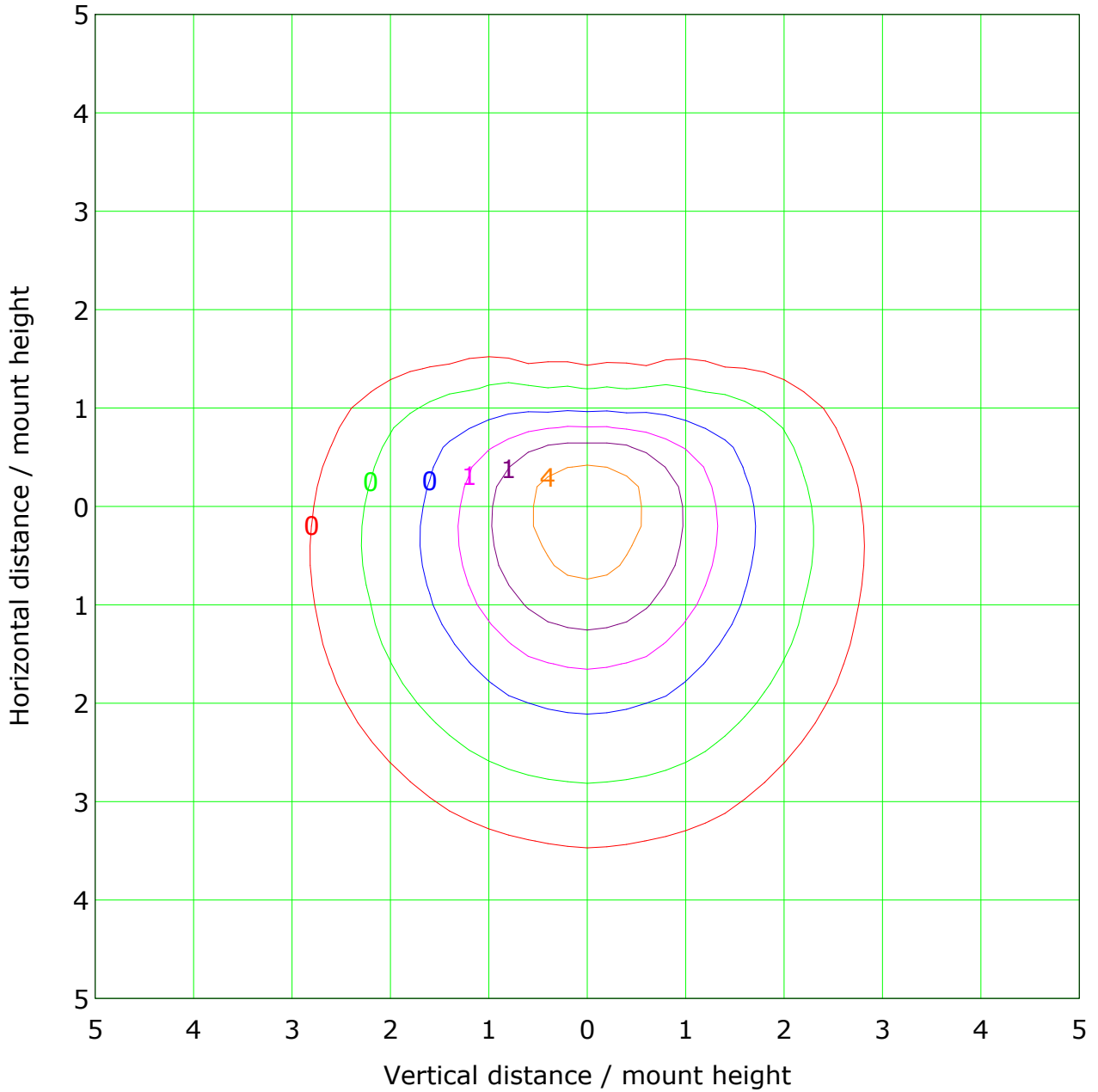
Imax (100%): 774 cd

- |           |        |           |        |
|-----------|--------|-----------|--------|
| — ( 10%): | 77 cd  | — ( 16%): | 124 cd |
| — ( 25%): | 193 cd | — ( 40%): | 310 cd |
| — ( 63%): | 488 cd | — (100%): | 774 cd |

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 29.5 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.040 m [K=1.0000]  
Humidity:  
Inspector:

## IsoLux Plot



Mounting Height: 10.0m    Max Lux(100%): 7.5 lx

|                  |                 |
|------------------|-----------------|
| — ( 1%): 0.1 lx  | — ( 2%): 0.1 lx |
| — ( 5%): 0.4 lx  | — (10%): 0.7 lx |
| — (20%): 1.5 lx  | — (50%): 3.7 lx |
| — (100%): 7.5 lx |                 |

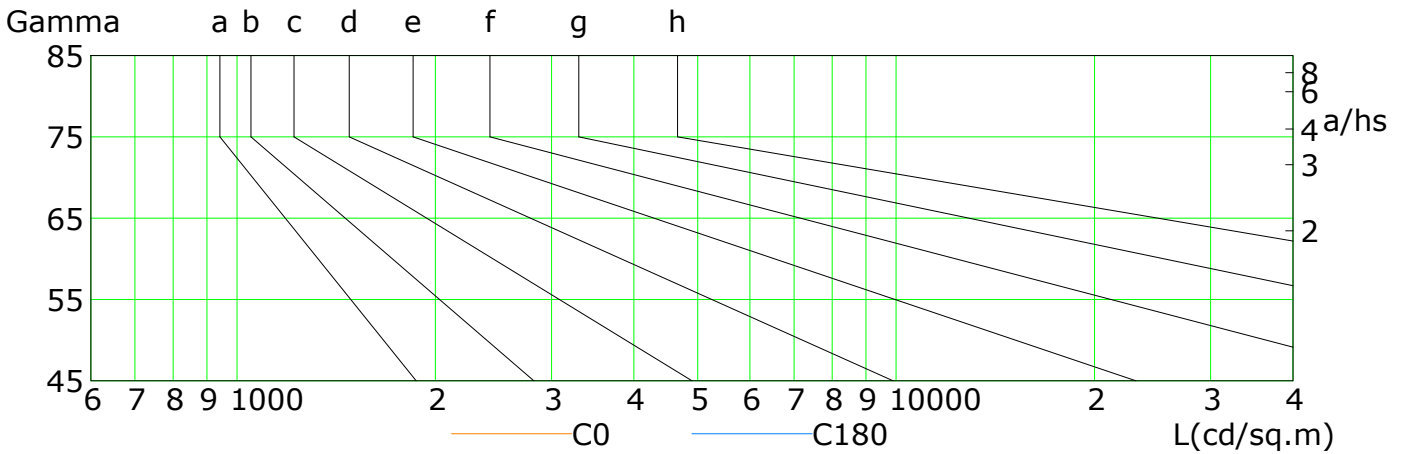
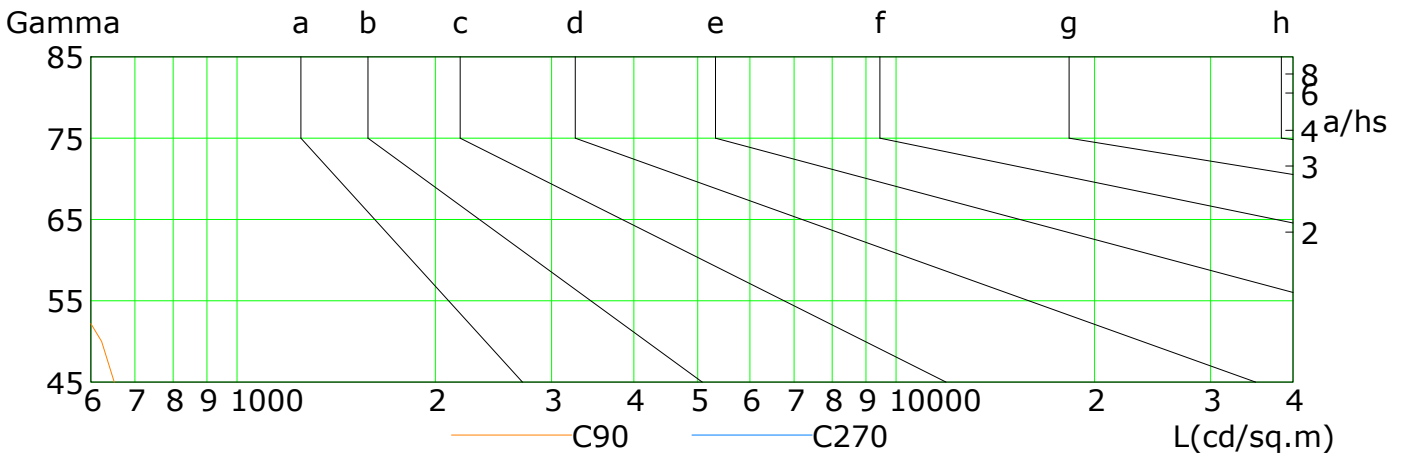
C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 29.5 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

## Lum Limit Curve

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

a b c d e f g h

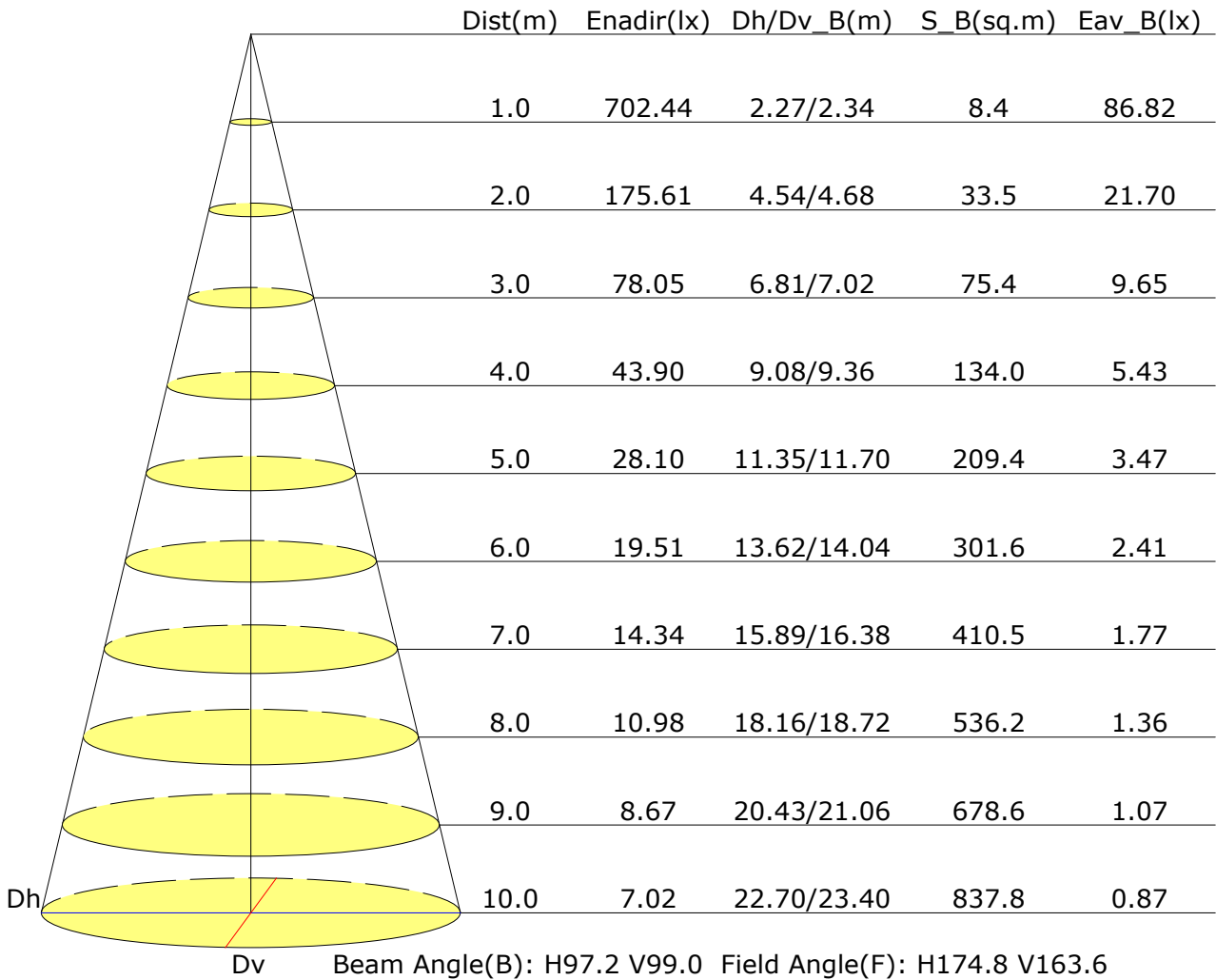


| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| C0         | 379 | 334 | 296 | 264 | 231 | 193 | 151 | 115 | 85  |
| C90        | 651 | 623 | 572 | 522 | 465 | 401 | 334 | 265 | 206 |
| C180       | 389 | 345 | 310 | 275 | 238 | 196 | 151 | 111 | 79  |
| C270       | 80  | 56  | 39  | 26  | 17  | 10  | 6   | 3   | 2   |

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 29.5 'C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.040 m [K=1.0000]  
Humidity:  
Inspector:

## Illuminance at a Distance



C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 29.5 'C  
 Operator:

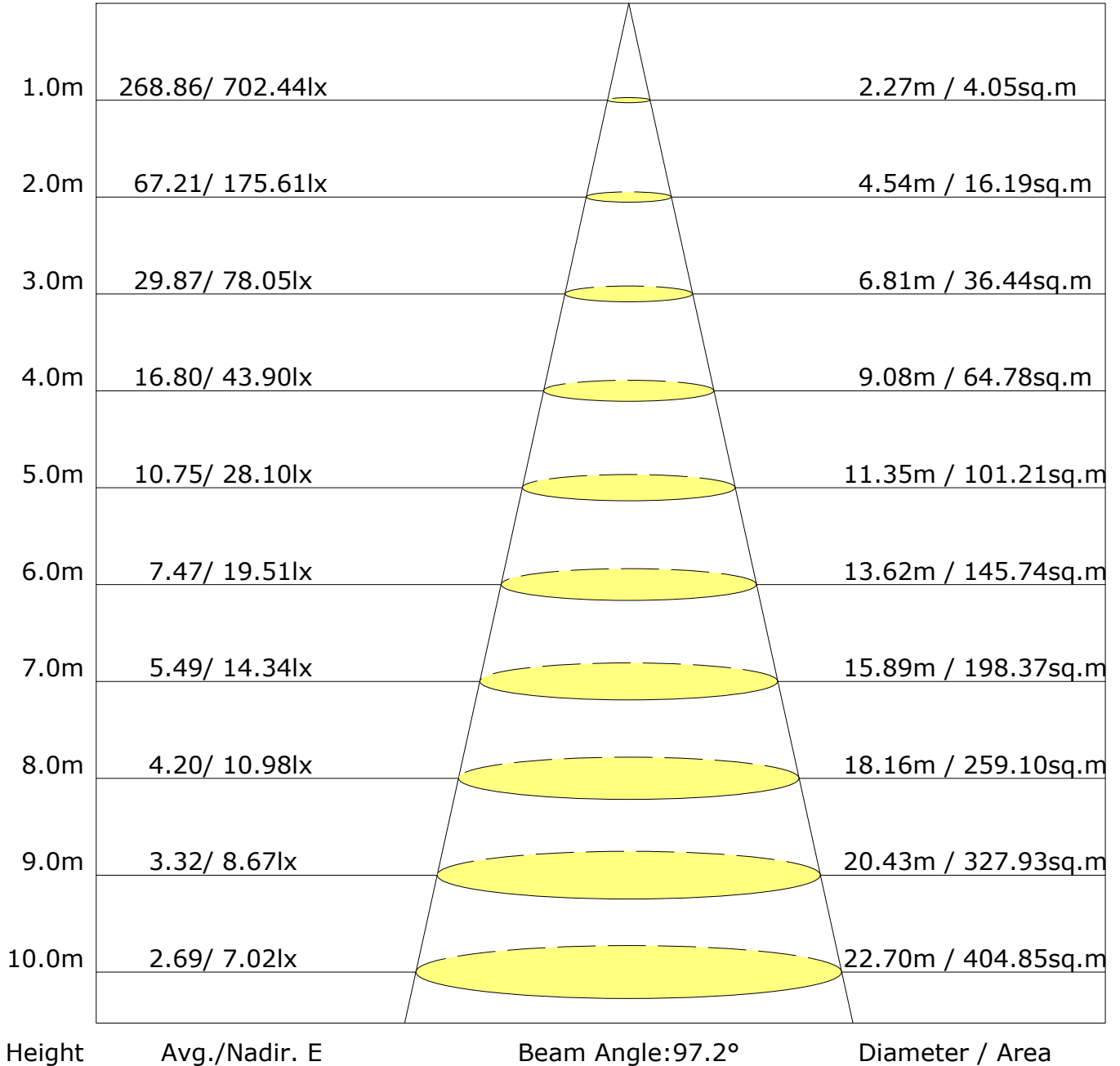
Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:





## The Average Illuminance Effective Figure

Flux Out: 1088.45lm



C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 29.5 °C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

## UGR Table

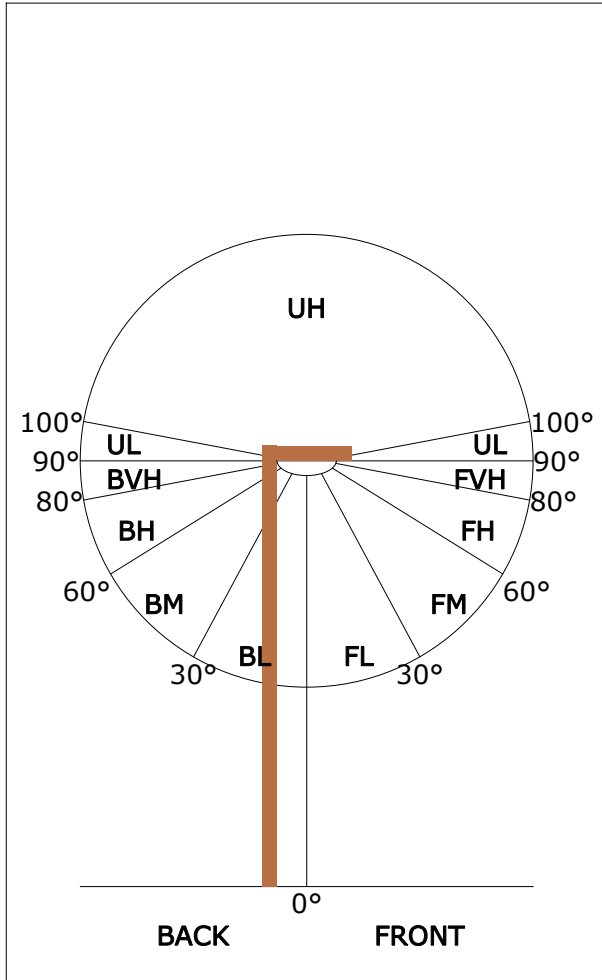
|  |                  |       |       |       |       |                |       |       |       |       |
|--|------------------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Reflectance:                                       |                  |       |       | 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

Calculate in accordance with CIE Pub.117. The table is revised with 2116lm ( $8\log(F/F_0) = 2.6$ ).

C Plane (°):0.0-360.0: 22.5  
Test Lab:  
Test Type: TYPE C  
Temperature: 29.5 °C  
Operator:

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-3000  
Distance: 14.040 m [K=1.0000]  
Humidity:  
Inspector:

**FLUX DISTRIBUTION TABLE BASED ON THE IESNA LUMINAIRE CLASSIFICATION SYSTEM**



| ZONE           | LUMENS | % LAMP LUMENS |
|----------------|--------|---------------|
| FORWARD LIGHT  | 1280   | 60.5          |
| FL ( 0°-30°)   | 285    | 13.5          |
| FM (30°-60°)   | 597    | 28.2          |
| FH (60°-80°)   | 313    | 14.8          |
| FVH (80°-90°)  | 86     | 4.0           |
| BACK LIGHT     | 623    | 29.5          |
| BL ( 0°-30°)   | 248    | 11.7          |
| BM (30°-60°)   | 270    | 12.8          |
| BH (60°-80°)   | 86     | 4.1           |
| BVH (80°-90°)  | 19     | 0.9           |
| UP LIGHT       | 212    | 10.0          |
| UL (90°-100°)  | 72     | 3.4           |
| UH (100°-180°) | 140    | 6.6           |
| TRAPPED LIGHT  | NA     | NA            |

| BUG(Backlight,Uplight,Glare) Rating Base On TM-15-11             |          |
|--|----------|
| Asymmetrical Luminaire Types<br>(Type I,II,III,IV)               | B1 U3 G1 |
| Quadrilateral Symmetrical Luminaire Types<br>(Type V,Area Light) | B1 U3 G1 |

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 29.5 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

## Candlepower Table

Unit: cd

| G\C   | C0.0  | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| G0.0  | 702.4 | 702.4 | 702.4 | 702.4 | 702.4 | 702.4  | 702.4  | 702.4  | 702.4  | 702.4  |
| G1.0  | 702.7 | 701.7 | 702.4 | 702.2 | 703.8 | 703.2  | 702.0  | 703.6  | 702.1  | 705.4  |
| G2.0  | 701.2 | 701.9 | 705.2 | 709.5 | 713.7 | 710.2  | 705.9  | 704.7  | 702.8  | 710.6  |
| G3.0  | 698.7 | 702.9 | 712.4 | 721.0 | 724.3 | 720.5  | 713.1  | 705.7  | 700.5  | 715.2  |
| G4.0  | 697.0 | 704.9 | 718.7 | 727.4 | 728.4 | 726.6  | 719.7  | 708.7  | 700.7  | 719.9  |
| G5.0  | 694.8 | 706.8 | 722.3 | 730.6 | 731.0 | 729.1  | 724.0  | 711.0  | 699.4  | 724.9  |
| G6.0  | 694.1 | 711.1 | 725.6 | 730.8 | 731.2 | 728.6  | 725.3  | 711.3  | 696.5  | 730.2  |
| G7.0  | 690.4 | 712.6 | 725.8 | 730.0 | 729.2 | 725.9  | 724.0  | 712.8  | 693.8  | 732.0  |
| G8.0  | 685.1 | 712.1 | 724.3 | 726.0 | 728.1 | 725.8  | 720.7  | 710.3  | 691.8  | 733.7  |
| G9.0  | 682.7 | 711.4 | 720.9 | 725.9 | 731.0 | 723.9  | 716.6  | 712.8  | 687.0  | 733.9  |
| G10.0 | 681.5 | 711.4 | 717.1 | 727.4 | 735.0 | 726.0  | 715.6  | 710.0  | 684.4  | 730.9  |
| G11.0 | 677.0 | 709.8 | 714.3 | 734.7 | 747.9 | 730.8  | 711.9  | 708.3  | 678.9  | 724.4  |
| G12.0 | 672.7 | 704.8 | 711.2 | 745.8 | 764.2 | 741.4  | 712.0  | 703.7  | 675.9  | 718.0  |
| G13.0 | 668.8 | 700.1 | 710.2 | 761.0 | 774.0 | 755.7  | 710.3  | 699.5  | 674.5  | 711.4  |
| G14.0 | 663.0 | 695.9 | 714.9 | 771.2 | 766.0 | 762.2  | 712.4  | 695.4  | 671.4  | 705.9  |
| G15.0 | 659.9 | 689.4 | 720.0 | 766.0 | 745.6 | 756.9  | 716.5  | 690.8  | 664.9  | 699.0  |
| G16.0 | 654.9 | 684.0 | 729.1 | 742.7 | 722.1 | 738.1  | 723.9  | 684.5  | 656.5  | 690.8  |
| G17.0 | 647.0 | 678.1 | 732.9 | 718.2 | 703.4 | 715.5  | 729.0  | 678.1  | 650.1  | 680.5  |
| G18.0 | 640.2 | 669.8 | 733.6 | 697.9 | 690.6 | 696.1  | 730.6  | 669.1  | 643.2  | 673.0  |
| G19.0 | 635.0 | 661.9 | 723.7 | 684.2 | 687.8 | 681.6  | 724.8  | 664.1  | 636.2  | 666.3  |
| G20.0 | 627.5 | 651.7 | 706.1 | 677.7 | 690.9 | 674.8  | 710.7  | 655.3  | 629.2  | 657.9  |
| G21.0 | 618.9 | 644.0 | 682.5 | 677.8 | 697.4 | 674.9  | 689.5  | 646.6  | 621.5  | 649.2  |
| G22.0 | 608.8 | 637.2 | 661.5 | 682.0 | 707.0 | 678.2  | 667.0  | 639.5  | 615.1  | 640.9  |
| G23.0 | 600.1 | 631.0 | 642.9 | 689.7 | 715.8 | 683.6  | 648.9  | 632.4  | 608.3  | 632.6  |
| G24.0 | 592.7 | 624.9 | 628.7 | 696.6 | 724.0 | 690.0  | 633.5  | 626.5  | 598.3  | 624.8  |
| G25.0 | 584.0 | 618.4 | 618.8 | 703.2 | 731.0 | 698.5  | 623.0  | 622.2  | 586.6  | 615.7  |
| G26.0 | 574.6 | 614.5 | 611.8 | 709.0 | 740.2 | 704.8  | 615.8  | 616.5  | 577.2  | 604.4  |
| G27.0 | 563.0 | 608.8 | 610.0 | 714.6 | 750.2 | 710.1  | 610.7  | 609.8  | 567.7  | 592.9  |
| G28.0 | 553.6 | 605.8 | 609.7 | 722.2 | 759.0 | 717.9  | 607.2  | 604.8  | 559.1  | 582.5  |
| G29.0 | 544.1 | 600.7 | 610.5 | 728.9 | 756.0 | 725.2  | 606.3  | 599.0  | 548.1  | 570.8  |
| G30.0 | 533.8 | 592.1 | 611.3 | 734.9 | 742.4 | 732.0  | 605.6  | 592.1  | 539.0  | 558.7  |
| G31.0 | 523.3 | 580.8 | 610.5 | 732.3 | 727.4 | 726.7  | 605.0  | 584.3  | 529.8  | 545.0  |
| G32.0 | 513.6 | 568.7 | 609.6 | 720.4 | 716.4 | 714.5  | 603.9  | 572.3  | 519.9  | 530.3  |
| G33.0 | 503.2 | 554.5 | 608.8 | 703.9 | 709.7 | 701.2  | 603.9  | 557.9  | 508.4  | 514.7  |
| G34.0 | 493.0 | 539.0 | 607.8 | 693.1 | 707.5 | 691.1  | 604.0  | 540.5  | 496.4  | 498.7  |
| G35.0 | 481.8 | 521.8 | 608.7 | 685.1 | 708.6 | 683.5  | 602.9  | 526.0  | 486.6  | 481.6  |
| G36.0 | 470.4 | 507.5 | 610.8 | 680.6 | 710.0 | 679.4  | 604.0  | 509.7  | 476.8  | 464.1  |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 29.5 °C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:

## Candlepower Table (Continue 1)

Unit: cd

| G\C   | C0.0  | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| G37.0 | 461.2 | 496.9 | 611.7 | 677.6 | 709.5 | 676.6  | 603.6  | 495.0  | 467.9  | 445.9  |
| G38.0 | 449.6 | 484.5 | 607.4 | 676.5 | 707.1 | 674.8  | 597.8  | 482.9  | 458.3  | 428.6  |
| G39.0 | 438.4 | 475.8 | 596.0 | 673.5 | 701.2 | 671.1  | 588.9  | 472.2  | 446.2  | 413.4  |
| G40.0 | 428.4 | 467.9 | 582.7 | 671.9 | 694.9 | 669.0  | 574.7  | 461.6  | 435.9  | 399.3  |
| G41.0 | 418.6 | 460.6 | 569.1 | 665.8 | 686.6 | 663.1  | 563.9  | 455.1  | 424.9  | 386.1  |
| G42.0 | 408.0 | 454.8 | 558.2 | 658.5 | 674.3 | 656.6  | 552.3  | 447.6  | 415.0  | 373.5  |
| G43.0 | 398.1 | 449.6 | 547.8 | 650.9 | 665.5 | 650.1  | 542.7  | 442.1  | 406.0  | 363.0  |
| G44.0 | 389.2 | 441.9 | 540.6 | 641.5 | 658.2 | 641.3  | 533.5  | 435.6  | 396.2  | 354.3  |
| G45.0 | 379.4 | 435.2 | 534.2 | 633.4 | 651.2 | 631.5  | 524.6  | 431.3  | 388.6  | 345.5  |
| G46.0 | 369.6 | 427.4 | 528.4 | 625.3 | 646.0 | 626.0  | 517.5  | 425.9  | 380.0  | 337.9  |
| G47.0 | 360.1 | 420.9 | 521.1 | 619.5 | 642.8 | 619.8  | 510.2  | 420.0  | 371.0  | 330.5  |
| G48.0 | 351.6 | 413.0 | 515.4 | 613.9 | 639.2 | 615.6  | 504.1  | 414.0  | 363.1  | 321.8  |
| G49.0 | 342.2 | 404.1 | 505.6 | 608.6 | 632.6 | 611.2  | 497.4  | 408.3  | 353.2  | 314.3  |
| G50.0 | 333.9 | 396.1 | 497.2 | 603.5 | 623.0 | 606.5  | 490.3  | 401.6  | 345.2  | 307.1  |
| G51.0 | 327.0 | 388.1 | 488.6 | 595.6 | 615.2 | 599.5  | 482.5  | 393.0  | 338.0  | 299.4  |
| G52.0 | 318.7 | 379.7 | 480.3 | 588.0 | 603.8 | 591.5  | 474.7  | 385.8  | 331.4  | 292.2  |
| G53.0 | 310.9 | 372.3 | 471.8 | 577.9 | 595.3 | 581.5  | 468.1  | 377.7  | 323.3  | 284.9  |
| G54.0 | 303.0 | 365.5 | 464.1 | 568.0 | 583.2 | 571.1  | 461.0  | 370.8  | 316.5  | 278.1  |
| G55.0 | 296.0 | 358.9 | 456.6 | 558.1 | 572.1 | 559.1  | 453.5  | 361.9  | 309.9  | 270.4  |
| G56.0 | 289.4 | 352.6 | 446.8 | 547.2 | 562.5 | 548.6  | 445.2  | 352.3  | 302.7  | 262.7  |
| G57.0 | 282.6 | 344.6 | 438.1 | 536.9 | 551.3 | 538.6  | 436.5  | 344.5  | 296.0  | 255.9  |
| G58.0 | 275.9 | 338.2 | 428.1 | 525.6 | 541.2 | 527.6  | 426.4  | 335.6  | 288.6  | 248.2  |
| G59.0 | 269.7 | 331.5 | 417.4 | 515.2 | 531.0 | 517.1  | 416.9  | 327.7  | 281.8  | 240.8  |
| G60.0 | 263.5 | 325.6 | 408.1 | 504.9 | 521.5 | 508.2  | 406.7  | 319.8  | 275.4  | 233.6  |
| G61.0 | 257.0 | 317.6 | 398.5 | 494.5 | 512.2 | 497.4  | 397.9  | 313.9  | 268.6  | 225.6  |
| G62.0 | 250.7 | 309.5 | 389.6 | 483.9 | 499.2 | 486.4  | 387.4  | 306.2  | 260.5  | 217.3  |
| G63.0 | 244.7 | 299.9 | 379.4 | 472.1 | 488.7 | 475.2  | 376.6  | 298.9  | 253.9  | 209.8  |
| G64.0 | 238.4 | 290.0 | 370.3 | 461.1 | 476.1 | 464.0  | 367.8  | 290.2  | 245.8  | 202.1  |
| G65.0 | 231.2 | 281.9 | 361.5 | 449.3 | 465.2 | 452.6  | 358.7  | 281.0  | 238.5  | 194.5  |
| G66.0 | 225.2 | 272.7 | 351.9 | 437.0 | 453.9 | 441.7  | 349.2  | 271.8  | 230.2  | 185.3  |
| G67.0 | 217.8 | 263.3 | 342.9 | 424.8 | 440.7 | 429.2  | 340.1  | 261.9  | 221.4  | 177.6  |
| G68.0 | 209.2 | 254.7 | 333.9 | 410.5 | 427.3 | 414.9  | 330.1  | 252.5  | 212.7  | 168.9  |
| G69.0 | 201.6 | 246.3 | 323.7 | 397.3 | 414.1 | 402.7  | 319.3  | 243.6  | 203.9  | 160.9  |
| G70.0 | 192.6 | 238.0 | 312.6 | 383.2 | 401.5 | 389.8  | 309.1  | 234.6  | 195.5  | 154.0  |
| G71.0 | 184.3 | 230.1 | 303.1 | 369.5 | 389.4 | 375.8  | 299.4  | 227.3  | 185.8  | 146.2  |
| G72.0 | 176.7 | 221.8 | 293.2 | 356.4 | 375.4 | 362.7  | 289.9  | 218.6  | 176.8  | 139.0  |
| G73.0 | 167.5 | 214.1 | 282.0 | 343.2 | 362.3 | 350.2  | 279.1  | 210.5  | 168.1  | 131.6  |

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 29.5 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 2)

Unit: cd

| G\C    | C0.0  | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| G74.0  | 159.0 | 206.3 | 271.4 | 328.4 | 348.0 | 336.7  | 268.4  | 202.4  | 160.1  | 124.2  |
| G75.0  | 151.1 | 198.1 | 260.6 | 315.1 | 334.1 | 321.4  | 257.6  | 194.5  | 150.7  | 117.8  |
| G76.0  | 143.4 | 190.6 | 250.2 | 301.9 | 320.3 | 308.0  | 247.4  | 186.7  | 142.3  | 111.1  |
| G77.0  | 136.2 | 182.9 | 239.2 | 289.0 | 305.9 | 295.2  | 237.1  | 178.9  | 134.4  | 104.8  |
| G78.0  | 129.0 | 175.5 | 228.3 | 275.2 | 293.2 | 281.1  | 225.5  | 171.6  | 126.3  | 98.1   |
| G79.0  | 121.5 | 167.6 | 218.1 | 262.9 | 278.7 | 268.2  | 215.4  | 163.7  | 118.6  | 92.6   |
| G80.0  | 115.0 | 159.9 | 206.4 | 250.2 | 265.5 | 253.4  | 204.7  | 155.9  | 110.5  | 87.0   |
| G81.0  | 107.8 | 152.2 | 196.4 | 236.3 | 252.9 | 240.4  | 194.3  | 148.2  | 104.6  | 81.7   |
| G82.0  | 101.7 | 145.4 | 186.3 | 224.8 | 240.5 | 227.0  | 184.9  | 140.7  | 97.2   | 76.4   |
| G83.0  | 95.6  | 138.7 | 177.0 | 213.4 | 228.1 | 215.7  | 175.4  | 133.6  | 91.0   | 72.3   |
| G84.0  | 89.7  | 131.5 | 168.6 | 203.1 | 216.7 | 204.1  | 166.2  | 127.4  | 84.6   | 67.3   |
| G85.0  | 84.6  | 125.5 | 160.0 | 192.3 | 206.0 | 194.1  | 157.5  | 120.6  | 79.1   | 63.4   |
| G86.0  | 79.8  | 119.3 | 152.0 | 182.8 | 195.4 | 183.3  | 149.5  | 114.3  | 74.2   | 59.8   |
| G87.0  | 74.3  | 113.0 | 145.0 | 174.4 | 186.2 | 173.7  | 142.3  | 108.8  | 69.8   | 56.0   |
| G88.0  | 69.9  | 107.7 | 138.6 | 166.8 | 178.1 | 164.8  | 135.7  | 103.4  | 65.5   | 52.9   |
| G89.0  | 66.4  | 103.1 | 133.1 | 161.1 | 172.3 | 158.7  | 129.6  | 99.5   | 61.3   | 50.6   |
| G90.0  | 62.8  | 99.1  | 129.2 | 156.8 | 167.3 | 153.8  | 125.2  | 94.5   | 58.4   | 48.1   |
| G91.0  | 59.8  | 95.0  | 124.9 | 153.9 | 163.7 | 149.4  | 121.3  | 91.4   | 55.4   | 45.9   |
| G92.0  | 56.9  | 92.2  | 122.2 | 150.5 | 160.8 | 146.4  | 117.9  | 88.0   | 52.7   | 43.2   |
| G93.0  | 54.1  | 89.0  | 118.9 | 148.2 | 158.9 | 144.0  | 114.7  | 84.6   | 50.0   | 41.1   |
| G94.0  | 51.9  | 86.1  | 116.4 | 145.6 | 156.5 | 142.1  | 112.4  | 82.2   | 48.2   | 39.5   |
| G95.0  | 50.0  | 83.7  | 114.2 | 143.8 | 154.6 | 139.7  | 110.5  | 80.0   | 46.4   | 38.2   |
| G96.0  | 47.6  | 81.9  | 111.9 | 141.9 | 152.4 | 137.5  | 108.3  | 78.0   | 44.7   | 36.6   |
| G97.0  | 46.2  | 80.0  | 109.9 | 139.3 | 149.8 | 135.4  | 105.6  | 75.8   | 42.9   | 35.1   |
| G98.0  | 44.5  | 77.3  | 107.5 | 136.2 | 147.0 | 132.4  | 103.3  | 74.0   | 41.4   | 34.2   |
| G99.0  | 43.3  | 76.0  | 105.8 | 134.1 | 144.2 | 129.8  | 101.2  | 71.9   | 39.9   | 32.6   |
| G100.0 | 41.6  | 73.6  | 102.9 | 131.0 | 141.6 | 126.8  | 99.2   | 70.5   | 39.2   | 32.2   |
| G101.0 | 40.2  | 71.8  | 100.7 | 128.6 | 138.5 | 124.1  | 97.0   | 68.7   | 38.2   | 31.6   |
| G102.0 | 39.6  | 70.2  | 98.7  | 125.3 | 135.2 | 121.9  | 95.0   | 67.1   | 36.6   | 30.8   |
| G103.0 | 38.1  | 68.9  | 96.7  | 122.2 | 132.4 | 118.5  | 92.7   | 65.0   | 35.9   | 29.8   |
| G104.0 | 37.7  | 67.2  | 94.3  | 119.8 | 129.0 | 115.2  | 90.6   | 64.1   | 35.0   | 29.3   |
| G105.0 | 36.9  | 65.2  | 92.3  | 116.0 | 125.2 | 112.1  | 88.4   | 62.3   | 34.1   | 28.7   |
| G106.0 | 36.1  | 63.7  | 89.9  | 112.5 | 122.1 | 109.1  | 86.4   | 60.6   | 33.5   | 28.6   |
| G107.0 | 35.1  | 62.3  | 88.0  | 109.3 | 118.3 | 105.8  | 84.2   | 58.9   | 33.0   | 27.8   |
| G108.0 | 34.4  | 60.3  | 85.1  | 106.2 | 114.2 | 102.6  | 82.1   | 57.3   | 32.8   | 27.1   |
| G109.0 | 33.6  | 58.7  | 82.7  | 102.5 | 111.1 | 99.5   | 79.7   | 55.9   | 31.9   | 26.9   |
| G110.0 | 33.0  | 56.5  | 80.2  | 98.8  | 107.2 | 96.1   | 77.8   | 54.5   | 30.7   | 26.3   |

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 29.5 °C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

### Candlepower Table (Continue 3)

Unit: cd

| G\C    | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|--------|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| G111.0 | 29.7 | 55.4  | 77.7  | 95.3  | 103.9 | 92.5   | 75.1   | 52.7   | 27.1   | 26.3   |
| G112.0 | 25.3 | 53.9  | 74.9  | 91.8  | 100.1 | 89.1   | 72.6   | 51.1   | 23.9   | 25.7   |
| G113.0 | 20.8 | 52.0  | 72.4  | 88.5  | 96.5  | 86.0   | 70.3   | 50.0   | 20.5   | 25.5   |
| G114.0 | 17.5 | 50.5  | 69.7  | 84.6  | 92.5  | 82.5   | 67.6   | 48.3   | 17.7   | 25.0   |
| G115.0 | 14.6 | 49.3  | 66.7  | 81.8  | 89.2  | 78.8   | 64.8   | 46.8   | 16.9   | 24.7   |
| G116.0 | 14.0 | 48.2  | 63.8  | 77.7  | 85.3  | 75.7   | 61.9   | 45.5   | 16.3   | 24.1   |
| G117.0 | 13.7 | 46.6  | 60.7  | 73.5  | 81.1  | 72.0   | 59.3   | 44.0   | 16.7   | 23.7   |
| G118.0 | 13.6 | 45.2  | 57.6  | 70.1  | 77.6  | 68.0   | 56.2   | 43.1   | 15.7   | 23.6   |
| G119.0 | 13.9 | 43.8  | 55.1  | 66.0  | 73.5  | 63.8   | 53.8   | 41.4   | 15.3   | 23.3   |
| G120.0 | 13.6 | 42.8  | 52.6  | 61.3  | 69.1  | 60.1   | 51.1   | 40.1   | 15.4   | 22.7   |
| G121.0 | 13.3 | 41.5  | 50.4  | 57.6  | 63.4  | 56.1   | 48.9   | 39.1   | 15.2   | 22.5   |
| G122.0 | 13.1 | 40.6  | 47.7  | 53.4  | 54.5  | 52.1   | 46.2   | 37.9   | 15.3   | 22.2   |
| G123.0 | 13.1 | 39.0  | 45.8  | 49.5  | 46.2  | 48.3   | 43.9   | 36.7   | 14.6   | 21.5   |
| G124.0 | 12.9 | 37.8  | 43.3  | 46.0  | 40.2  | 44.0   | 41.4   | 35.7   | 14.1   | 21.6   |
| G125.0 | 13.1 | 36.9  | 41.8  | 42.3  | 35.1  | 40.6   | 40.3   | 34.9   | 14.2   | 21.2   |
| G126.0 | 12.5 | 35.7  | 39.9  | 38.6  | 31.7  | 37.6   | 38.0   | 33.4   | 13.7   | 20.4   |
| G127.0 | 12.3 | 34.9  | 38.3  | 36.0  | 28.5  | 34.7   | 37.1   | 32.6   | 13.0   | 20.5   |
| G128.0 | 12.4 | 33.8  | 36.6  | 33.3  | 26.0  | 31.5   | 34.8   | 31.5   | 13.4   | 19.9   |
| G129.0 | 12.1 | 32.8  | 35.3  | 31.4  | 24.1  | 29.3   | 33.7   | 30.7   | 13.1   | 19.2   |
| G130.0 | 11.8 | 32.1  | 33.7  | 28.8  | 22.0  | 27.9   | 32.7   | 30.1   | 12.4   | 19.1   |
| G131.0 | 11.7 | 31.1  | 32.2  | 27.5  | 20.7  | 26.1   | 30.8   | 28.9   | 12.4   | 18.7   |
| G132.0 | 11.6 | 30.5  | 31.6  | 26.3  | 19.8  | 24.9   | 29.6   | 28.6   | 12.2   | 18.3   |
| G133.0 | 11.1 | 29.6  | 30.5  | 25.1  | 18.2  | 23.8   | 28.4   | 27.6   | 12.2   | 17.8   |
| G134.0 | 11.1 | 29.0  | 28.7  | 23.7  | 17.9  | 23.1   | 27.2   | 26.6   | 11.7   | 17.2   |
| G135.0 | 10.4 | 27.6  | 27.2  | 23.1  | 16.8  | 21.3   | 25.9   | 26.1   | 11.3   | 17.0   |
| G136.0 | 10.6 | 26.9  | 26.2  | 21.9  | 16.3  | 20.4   | 24.6   | 25.3   | 11.0   | 16.4   |
| G137.0 | 10.5 | 26.7  | 25.0  | 20.7  | 15.2  | 19.4   | 23.4   | 24.6   | 11.3   | 16.4   |
| G138.0 | 10.1 | 25.3  | 23.7  | 19.7  | 15.0  | 18.7   | 22.6   | 24.1   | 11.1   | 15.7   |
| G139.0 | 10.2 | 24.9  | 22.7  | 18.9  | 13.9  | 17.8   | 21.7   | 23.1   | 10.6   | 15.4   |
| G140.0 | 9.9  | 24.2  | 21.7  | 17.6  | 12.7  | 16.7   | 20.7   | 22.5   | 10.7   | 14.9   |
| G141.0 | 9.5  | 23.3  | 20.8  | 16.6  | 12.4  | 15.6   | 19.8   | 21.8   | 10.4   | 14.4   |
| G142.0 | 9.0  | 22.9  | 19.7  | 15.8  | 11.4  | 14.9   | 18.9   | 20.9   | 9.6    | 14.0   |
| G143.0 | 8.8  | 22.1  | 19.1  | 14.9  | 10.3  | 14.0   | 18.0   | 20.7   | 9.5    | 13.6   |
| G144.0 | 8.4  | 21.5  | 18.5  | 13.5  | 9.8   | 13.5   | 17.5   | 19.6   | 9.6    | 13.2   |
| G145.0 | 8.5  | 20.6  | 18.1  | 13.3  | 8.8   | 12.5   | 17.1   | 18.7   | 9.3    | 12.9   |
| G146.0 | 7.1  | 19.9  | 17.4  | 12.2  | 8.1   | 12.3   | 16.9   | 17.1   | 9.3    | 12.4   |
| G147.0 | 7.3  | 19.0  | 17.0  | 11.5  | 8.0   | 11.5   | 16.4   | 16.4   | 9.0    | 12.1   |

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 29.5 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

### Candlepower Table (Continue 4)

Unit: cd

| G\C    | C0.0 | C22.5 | C45.0 | C67.5 | C90.0 | C112.5 | C135.0 | C157.5 | C180.0 | C202.5 |
|--------|------|-------|-------|-------|-------|--------|--------|--------|--------|--------|
| G148.0 | 7.6  | 18.6  | 16.6  | 10.6  | 6.9   | 11.4   | 16.1   | 15.5   | 8.4    | 11.7   |
| G149.0 | 6.8  | 17.4  | 15.9  | 10.1  | 6.8   | 11.1   | 15.8   | 13.8   | 8.2    | 10.9   |
| G150.0 | 6.9  | 16.5  | 15.8  | 9.7   | 6.6   | 10.6   | 15.0   | 13.4   | 8.4    | 10.8   |
| G151.0 | 6.7  | 15.9  | 14.3  | 9.2   | 6.2   | 11.2   | 14.6   | 12.0   | 7.9    | 10.4   |
| G152.0 | 6.9  | 14.7  | 14.4  | 8.9   | 5.8   | 10.4   | 14.5   | 11.5   | 7.6    | 10.4   |
| G153.0 | 6.6  | 13.8  | 13.6  | 8.1   | 5.4   | 10.0   | 13.9   | 10.9   | 7.7    | 9.8    |
| G154.0 | 6.2  | 13.1  | 12.9  | 7.4   | 5.2   | 10.1   | 13.6   | 9.6    | 7.5    | 9.2    |
| G155.0 | 5.8  | 11.9  | 12.4  | 7.0   | 4.7   | 9.9    | 12.7   | 9.2    | 7.2    | 8.7    |
| G156.0 | 5.6  | 11.2  | 11.4  | 6.4   | 5.3   | 9.8    | 12.0   | 9.0    | 6.6    | 8.6    |
| G157.0 | 5.3  | 10.7  | 11.1  | 6.0   | 5.2   | 9.6    | 11.7   | 7.8    | 6.8    | 8.6    |
| G158.0 | 5.3  | 10.0  | 10.3  | 5.5   | 5.1   | 8.8    | 10.9   | 7.7    | 6.4    | 7.7    |
| G159.0 | 4.9  | 9.0   | 9.2   | 4.8   | 4.9   | 8.6    | 9.4    | 7.0    | 6.5    | 7.5    |
| G160.0 | 5.6  | 8.6   | 8.5   | 5.1   | 4.6   | 8.3    | 9.0    | 6.2    | 6.2    | 7.1    |
| G161.0 | 4.7  | 8.0   | 8.2   | 4.9   | 4.9   | 8.0    | 7.7    | 6.1    | 5.3    | 7.2    |
| G162.0 | 5.0  | 7.7   | 7.0   | 4.2   | 5.2   | 7.2    | 7.5    | 5.8    | 5.6    | 7.0    |
| G163.0 | 4.6  | 6.9   | 6.5   | 4.1   | 4.2   | 7.1    | 6.9    | 5.5    | 5.5    | 5.9    |
| G164.0 | 4.9  | 5.8   | 6.4   | 4.0   | 4.3   | 5.9    | 6.0    | 5.7    | 5.6    | 6.3    |
| G165.0 | 4.8  | 6.0   | 5.4   | 3.8   | 5.0   | 6.1    | 4.7    | 4.1    | 5.6    | 5.9    |
| G166.0 | 4.9  | 4.7   | 4.5   | 3.9   | 4.5   | 6.1    | 5.1    | 5.1    | 5.3    | 4.6    |
| G167.0 | 4.4  | 5.2   | 4.7   | 3.7   | 4.1   | 5.2    | 4.9    | 4.3    | 5.0    | 5.2    |
| G168.0 | 4.2  | 4.6   | 3.8   | 4.0   | 4.4   | 5.3    | 4.6    | 5.3    | 4.9    | 4.7    |
| G169.0 | 4.2  | 3.3   | 4.4   | 4.2   | 4.5   | 4.4    | 4.1    | 4.8    | 4.7    | 5.0    |
| G170.0 | 4.4  | 3.8   | 4.2   | 3.8   | 4.4   | 4.3    | 3.5    | 4.8    | 4.6    | 4.7    |
| G171.0 | 4.1  | 4.0   | 4.3   | 3.7   | 4.6   | 4.4    | 4.1    | 4.7    | 4.5    | 4.5    |
| G172.0 | 4.3  | 3.6   | 3.5   | 2.9   | 3.6   | 3.8    | 4.3    | 4.4    | 4.4    | 3.9    |
| G173.0 | 4.1  | 3.5   | 3.9   | 3.6   | 3.1   | 3.9    | 3.3    | 3.9    | 3.5    | 3.9    |
| G174.0 | 3.5  | 4.1   | 3.6   | 3.4   | 3.9   | 4.1    | 3.9    | 4.5    | 4.1    | 3.6    |
| G175.0 | 3.6  | 3.8   | 3.8   | 3.6   | 4.1   | 2.8    | 3.9    | 4.2    | 3.7    | 3.6    |
| G176.0 | 3.5  | 3.7   | 4.0   | 3.5   | 3.7   | 4.1    | 3.4    | 4.1    | 3.8    | 3.6    |
| G177.0 | 3.4  | 3.6   | 3.9   | 3.9   | 3.9   | 4.2    | 3.7    | 3.8    | 3.7    | 3.4    |
| G178.0 | 3.5  | 4.0   | 3.9   | 3.7   | 3.3   | 3.6    | 3.4    | 3.9    | 3.5    | 3.2    |
| G179.0 | 3.0  | 3.9   | 2.8   | 3.4   | 3.5   | 4.0    | 3.6    | 4.3    | 3.6    | 2.8    |
| G180.0 | 3.5  | 4.2   | 3.8   | 3.9   | 3.7   | 3.8    | 3.5    | 3.7    | 3.6    | 3.6    |
|        |      |       |       |       |       |        |        |        |        |        |
|        |      |       |       |       |       |        |        |        |        |        |
|        |      |       |       |       |       |        |        |        |        |        |
|        |      |       |       |       |       |        |        |        |        |        |

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 29.5 °C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:



## Candlepower Table (Continue 5)

Unit: cd

|       |        |        |        |        |        |        |        |  |  |  |
|-------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G\C   | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 |  |  |  |
| G0.0  | 702.4  | 702.4  | 702.4  | 702.4  | 702.4  | 702.4  | 702.4  |  |  |  |
| G1.0  | 709.5  | 714.6  | 713.8  | 710.9  | 707.7  | 706.0  | 702.7  |  |  |  |
| G2.0  | 720.0  | 729.9  | 732.2  | 726.2  | 717.9  | 707.2  | 701.2  |  |  |  |
| G3.0  | 732.6  | 744.3  | 747.2  | 741.4  | 728.6  | 709.7  | 698.7  |  |  |  |
| G4.0  | 743.3  | 749.9  | 750.5  | 748.9  | 739.8  | 715.1  | 697.0  |  |  |  |
| G5.0  | 744.3  | 744.6  | 744.0  | 747.1  | 745.0  | 719.7  | 694.8  |  |  |  |
| G6.0  | 742.8  | 734.7  | 732.4  | 735.6  | 744.6  | 724.1  | 694.1  |  |  |  |
| G7.0  | 736.6  | 722.9  | 724.7  | 728.3  | 738.5  | 727.1  | 690.4  |  |  |  |
| G8.0  | 726.7  | 719.1  | 720.7  | 721.0  | 729.1  | 728.2  | 685.1  |  |  |  |
| G9.0  | 718.3  | 715.7  | 720.2  | 717.8  | 720.3  | 728.6  | 682.7  |  |  |  |
| G10.0 | 710.1  | 715.3  | 718.9  | 714.5  | 713.9  | 727.7  | 681.5  |  |  |  |
| G11.0 | 707.5  | 715.0  | 716.3  | 713.7  | 707.6  | 726.2  | 677.0  |  |  |  |
| G12.0 | 704.8  | 712.9  | 712.0  | 710.2  | 703.8  | 721.9  | 672.7  |  |  |  |
| G13.0 | 701.2  | 708.3  | 699.3  | 706.3  | 699.0  | 714.9  | 668.8  |  |  |  |
| G14.0 | 699.4  | 695.4  | 675.4  | 693.8  | 694.0  | 708.4  | 663.0  |  |  |  |
| G15.0 | 696.1  | 670.8  | 633.8  | 672.5  | 688.5  | 701.2  | 659.9  |  |  |  |
| G16.0 | 692.0  | 634.5  | 586.8  | 635.0  | 681.1  | 693.3  | 654.9  |  |  |  |
| G17.0 | 684.4  | 590.3  | 550.0  | 590.8  | 672.7  | 683.1  | 647.0  |  |  |  |
| G18.0 | 671.3  | 554.3  | 530.0  | 553.8  | 661.2  | 673.6  | 640.2  |  |  |  |
| G19.0 | 653.5  | 531.3  | 517.4  | 528.8  | 646.2  | 662.7  | 635.0  |  |  |  |
| G20.0 | 624.9  | 518.4  | 507.2  | 513.8  | 619.0  | 653.8  | 627.5  |  |  |  |
| G21.0 | 591.8  | 508.3  | 498.3  | 504.0  | 591.2  | 643.9  | 618.9  |  |  |  |
| G22.0 | 560.2  | 498.3  | 491.1  | 494.5  | 560.0  | 636.3  | 608.8  |  |  |  |
| G23.0 | 532.1  | 490.1  | 484.9  | 484.7  | 530.7  | 626.2  | 600.1  |  |  |  |
| G24.0 | 511.4  | 483.0  | 476.6  | 476.8  | 506.4  | 613.4  | 592.7  |  |  |  |
| G25.0 | 496.8  | 473.5  | 467.1  | 467.7  | 489.3  | 599.8  | 584.0  |  |  |  |
| G26.0 | 485.7  | 464.9  | 451.7  | 458.0  | 477.8  | 590.4  | 574.6  |  |  |  |
| G27.0 | 475.2  | 453.1  | 421.5  | 446.6  | 467.6  | 579.0  | 563.0  |  |  |  |
| G28.0 | 467.0  | 435.5  | 378.0  | 430.5  | 459.7  | 567.0  | 553.6  |  |  |  |
| G29.0 | 458.2  | 408.3  | 329.8  | 405.6  | 450.2  | 552.7  | 544.1  |  |  |  |
| G30.0 | 448.4  | 368.8  | 293.0  | 373.0  | 441.7  | 540.9  | 533.8  |  |  |  |
| G31.0 | 439.5  | 328.1  | 268.4  | 334.7  | 430.4  | 528.5  | 523.3  |  |  |  |
| G32.0 | 426.3  | 295.6  | 251.2  | 296.4  | 420.3  | 516.2  | 513.6  |  |  |  |
| G33.0 | 414.2  | 270.7  | 238.0  | 269.2  | 408.7  | 501.7  | 503.2  |  |  |  |
| G34.0 | 399.6  | 253.2  | 227.7  | 249.6  | 396.2  | 486.2  | 493.0  |  |  |  |
| G35.0 | 384.2  | 239.4  | 217.9  | 235.3  | 381.9  | 469.1  | 481.8  |  |  |  |
| G36.0 | 366.3  | 226.1  | 207.2  | 224.0  | 364.0  | 454.9  | 470.4  |  |  |  |

C Plane (°):0.0-360.0: 22.5

Test Lab:

Test Type: TYPE C

Temperature: 29.5 'C

Operator:

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-3000

Distance: 14.040 m [K=1.0000]

Humidity:

Inspector:

## Candlepower Table (Continue 6)

Unit: cd

| G\C   | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 |  |  |  |
|-------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G37.0 | 345.7  | 215.0  | 194.2  | 212.4  | 346.9  | 441.6  | 461.2  |  |  |  |
| G38.0 | 323.6  | 203.4  | 174.7  | 202.7  | 328.9  | 426.6  | 449.6  |  |  |  |
| G39.0 | 300.8  | 190.6  | 153.2  | 191.5  | 308.6  | 410.8  | 438.4  |  |  |  |
| G40.0 | 278.7  | 175.6  | 133.1  | 179.3  | 288.6  | 396.3  | 428.4  |  |  |  |
| G41.0 | 260.2  | 160.0  | 116.3  | 165.9  | 268.5  | 382.8  | 418.6  |  |  |  |
| G42.0 | 242.8  | 143.3  | 103.9  | 151.2  | 249.7  | 371.1  | 408.0  |  |  |  |
| G43.0 | 229.7  | 127.8  | 93.7   | 134.1  | 234.8  | 359.9  | 398.1  |  |  |  |
| G44.0 | 219.1  | 113.7  | 85.8   | 120.8  | 222.7  | 348.9  | 389.2  |  |  |  |
| G45.0 | 208.5  | 103.2  | 80.0   | 108.5  | 211.0  | 339.9  | 379.4  |  |  |  |
| G46.0 | 198.6  | 94.4   | 74.9   | 98.3   | 201.7  | 331.1  | 369.6  |  |  |  |
| G47.0 | 190.1  | 87.6   | 69.5   | 90.0   | 193.4  | 322.7  | 360.1  |  |  |  |
| G48.0 | 182.0  | 81.2   | 64.5   | 83.7   | 186.1  | 314.7  | 351.6  |  |  |  |
| G49.0 | 174.4  | 75.1   | 60.1   | 78.3   | 178.2  | 306.2  | 342.2  |  |  |  |
| G50.0 | 166.2  | 70.6   | 56.4   | 73.9   | 170.7  | 299.1  | 333.9  |  |  |  |
| G51.0 | 158.4  | 66.7   | 52.5   | 68.6   | 163.4  | 292.0  | 327.0  |  |  |  |
| G52.0 | 150.3  | 62.3   | 49.1   | 64.6   | 156.1  | 284.5  | 318.7  |  |  |  |
| G53.0 | 142.6  | 58.1   | 45.5   | 60.6   | 148.7  | 277.4  | 310.9  |  |  |  |
| G54.0 | 135.6  | 54.8   | 42.2   | 56.8   | 141.4  | 270.2  | 303.0  |  |  |  |
| G55.0 | 127.1  | 51.3   | 39.2   | 53.3   | 133.9  | 262.9  | 296.0  |  |  |  |
| G56.0 | 120.5  | 48.4   | 36.8   | 50.2   | 126.9  | 255.4  | 289.4  |  |  |  |
| G57.0 | 114.4  | 44.8   | 33.9   | 47.1   | 120.4  | 248.8  | 282.6  |  |  |  |
| G58.0 | 108.5  | 42.1   | 31.4   | 44.2   | 114.3  | 241.3  | 275.9  |  |  |  |
| G59.0 | 103.2  | 38.7   | 29.3   | 41.2   | 108.2  | 233.6  | 269.7  |  |  |  |
| G60.0 | 97.9   | 36.5   | 26.4   | 38.4   | 102.7  | 227.0  | 263.5  |  |  |  |
| G61.0 | 93.2   | 33.9   | 24.4   | 35.9   | 98.2   | 219.1  | 257.0  |  |  |  |
| G62.0 | 88.6   | 31.9   | 22.5   | 33.6   | 92.9   | 211.6  | 250.7  |  |  |  |
| G63.0 | 84.0   | 29.3   | 20.2   | 31.4   | 88.6   | 204.2  | 244.7  |  |  |  |
| G64.0 | 80.5   | 27.4   | 19.1   | 29.0   | 84.1   | 197.3  | 238.4  |  |  |  |
| G65.0 | 76.3   | 25.3   | 17.2   | 27.2   | 80.3   | 190.1  | 231.2  |  |  |  |
| G66.0 | 72.7   | 23.5   | 15.6   | 24.7   | 76.3   | 182.5  | 225.2  |  |  |  |
| G67.0 | 69.2   | 21.5   | 14.0   | 23.2   | 72.4   | 175.1  | 217.8  |  |  |  |
| G68.0 | 65.7   | 19.4   | 12.6   | 21.6   | 68.5   | 167.2  | 209.2  |  |  |  |
| G69.0 | 61.9   | 18.6   | 11.9   | 19.5   | 64.9   | 160.3  | 201.6  |  |  |  |
| G70.0 | 58.7   | 17.2   | 10.4   | 18.4   | 61.6   | 153.0  | 192.6  |  |  |  |
| G71.0 | 55.1   | 15.7   | 9.7    | 16.7   | 58.5   | 145.2  | 184.3  |  |  |  |
| G72.0 | 52.6   | 14.3   | 8.4    | 15.3   | 55.3   | 137.9  | 176.7  |  |  |  |
| G73.0 | 49.3   | 13.2   | 7.3    | 14.2   | 51.9   | 131.5  | 167.5  |  |  |  |

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 29.5 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 7)

Unit: cd

| G\C    | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 |  |  |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G74.0  | 46.7   | 11.9   | 6.8    | 13.3   | 49.0   | 124.6  | 159.0  |  |  |  |
| G75.0  | 44.5   | 11.4   | 5.5    | 12.4   | 46.5   | 117.6  | 151.1  |  |  |  |
| G76.0  | 42.1   | 9.9    | 5.3    | 11.2   | 44.0   | 110.9  | 143.4  |  |  |  |
| G77.0  | 40.4   | 9.7    | 4.5    | 10.4   | 41.3   | 104.8  | 136.2  |  |  |  |
| G78.0  | 38.1   | 8.8    | 3.9    | 9.7    | 39.0   | 98.9   | 129.0  |  |  |  |
| G79.0  | 36.0   | 7.9    | 3.3    | 9.0    | 37.1   | 93.0   | 121.5  |  |  |  |
| G80.0  | 34.2   | 6.9    | 2.8    | 8.0    | 35.0   | 87.2   | 115.0  |  |  |  |
| G81.0  | 32.4   | 6.6    | 2.6    | 7.8    | 32.5   | 81.9   | 107.8  |  |  |  |
| G82.0  | 31.2   | 6.4    | 2.6    | 7.1    | 31.5   | 76.8   | 101.7  |  |  |  |
| G83.0  | 29.8   | 6.0    | 2.8    | 6.6    | 29.9   | 72.4   | 95.6   |  |  |  |
| G84.0  | 29.3   | 5.0    | 2.1    | 6.6    | 28.6   | 67.6   | 89.7   |  |  |  |
| G85.0  | 27.5   | 6.0    | 2.4    | 6.8    | 27.2   | 63.8   | 84.6   |  |  |  |
| G86.0  | 27.0   | 6.0    | 2.9    | 6.6    | 26.1   | 60.0   | 79.8   |  |  |  |
| G87.0  | 25.7   | 6.1    | 2.7    | 5.9    | 25.4   | 56.8   | 74.3   |  |  |  |
| G88.0  | 25.1   | 5.8    | 2.0    | 5.6    | 24.3   | 53.4   | 69.9   |  |  |  |
| G89.0  | 24.5   | 5.5    | 2.3    | 5.8    | 23.7   | 50.8   | 66.4   |  |  |  |
| G90.0  | 23.7   | 5.9    | 2.4    | 6.1    | 22.7   | 47.8   | 62.8   |  |  |  |
| G91.0  | 23.1   | 5.7    | 2.6    | 5.4    | 21.9   | 45.8   | 59.8   |  |  |  |
| G92.0  | 22.3   | 5.3    | 2.8    | 6.0    | 21.4   | 43.5   | 56.9   |  |  |  |
| G93.0  | 22.1   | 5.3    | 2.4    | 5.9    | 21.0   | 41.7   | 54.1   |  |  |  |
| G94.0  | 21.3   | 5.5    | 2.9    | 5.2    | 20.0   | 40.1   | 51.9   |  |  |  |
| G95.0  | 20.6   | 5.3    | 2.7    | 5.8    | 19.0   | 37.5   | 50.0   |  |  |  |
| G96.0  | 20.0   | 5.0    | 2.8    | 5.2    | 19.0   | 36.6   | 47.6   |  |  |  |
| G97.0  | 19.7   | 4.0    | 2.5    | 4.9    | 18.7   | 35.4   | 46.2   |  |  |  |
| G98.0  | 18.9   | 5.5    | 2.8    | 5.4    | 18.2   | 34.1   | 44.5   |  |  |  |
| G99.0  | 18.9   | 5.5    | 2.6    | 5.2    | 17.8   | 32.9   | 43.3   |  |  |  |
| G100.0 | 18.7   | 5.1    | 2.6    | 5.6    | 17.4   | 31.9   | 41.6   |  |  |  |
| G101.0 | 18.2   | 4.9    | 2.6    | 5.6    | 17.7   | 30.7   | 40.2   |  |  |  |
| G102.0 | 17.9   | 4.9    | 3.0    | 4.6    | 16.5   | 30.0   | 39.6   |  |  |  |
| G103.0 | 17.5   | 4.8    | 3.0    | 5.4    | 16.6   | 29.3   | 38.1   |  |  |  |
| G104.0 | 17.8   | 4.8    | 2.9    | 5.7    | 16.2   | 28.5   | 37.7   |  |  |  |
| G105.0 | 17.6   | 5.2    | 2.8    | 5.2    | 15.8   | 27.9   | 36.9   |  |  |  |
| G106.0 | 16.7   | 5.1    | 3.3    | 5.2    | 16.0   | 27.8   | 36.1   |  |  |  |
| G107.0 | 16.7   | 5.2    | 3.1    | 4.6    | 15.7   | 27.3   | 35.1   |  |  |  |
| G108.0 | 16.4   | 5.2    | 2.3    | 5.2    | 15.3   | 26.8   | 34.4   |  |  |  |
| G109.0 | 16.0   | 4.6    | 2.9    | 4.8    | 15.0   | 26.3   | 33.6   |  |  |  |
| G110.0 | 16.2   | 4.8    | 3.0    | 4.6    | 15.7   | 25.9   | 33.0   |  |  |  |

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 29.5 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

## Candlepower Table (Continue 8)

Unit: cd

| G\C    | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 |  |  |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G111.0 | 15.4   | 4.6    | 2.8    | 5.0    | 14.7   | 25.3   | 29.7   |  |  |  |
| G112.0 | 15.1   | 4.2    | 2.2    | 4.9    | 14.3   | 25.2   | 25.3   |  |  |  |
| G113.0 | 15.2   | 4.5    | 2.5    | 5.1    | 14.3   | 24.8   | 20.8   |  |  |  |
| G114.0 | 15.1   | 4.8    | 2.8    | 5.2    | 14.4   | 24.8   | 17.5   |  |  |  |
| G115.0 | 14.6   | 4.7    | 2.8    | 5.3    | 14.1   | 24.2   | 14.6   |  |  |  |
| G116.0 | 14.2   | 4.6    | 3.1    | 5.3    | 14.0   | 23.7   | 14.0   |  |  |  |
| G117.0 | 14.4   | 3.9    | 2.2    | 5.2    | 13.8   | 23.8   | 13.7   |  |  |  |
| G118.0 | 14.5   | 4.6    | 3.1    | 5.0    | 13.5   | 23.5   | 13.6   |  |  |  |
| G119.0 | 14.2   | 4.8    | 3.2    | 4.5    | 13.3   | 23.3   | 13.9   |  |  |  |
| G120.0 | 13.3   | 4.4    | 2.8    | 4.6    | 12.8   | 23.4   | 13.6   |  |  |  |
| G121.0 | 13.5   | 4.5    | 2.8    | 5.4    | 13.2   | 22.4   | 13.3   |  |  |  |
| G122.0 | 13.5   | 4.6    | 3.1    | 4.6    | 13.0   | 22.1   | 13.1   |  |  |  |
| G123.0 | 12.9   | 3.6    | 2.9    | 4.5    | 12.6   | 22.1   | 13.1   |  |  |  |
| G124.0 | 13.0   | 4.6    | 3.0    | 4.9    | 12.9   | 21.3   | 12.9   |  |  |  |
| G125.0 | 12.3   | 4.4    | 2.8    | 4.6    | 12.3   | 20.9   | 13.1   |  |  |  |
| G126.0 | 12.0   | 4.0    | 3.4    | 4.2    | 12.1   | 20.7   | 12.5   |  |  |  |
| G127.0 | 12.4   | 4.0    | 1.9    | 5.0    | 11.6   | 20.2   | 12.3   |  |  |  |
| G128.0 | 11.8   | 3.9    | 2.3    | 4.6    | 12.1   | 20.0   | 12.4   |  |  |  |
| G129.0 | 11.8   | 3.7    | 2.8    | 4.6    | 12.1   | 19.7   | 12.1   |  |  |  |
| G130.0 | 11.4   | 4.5    | 3.2    | 4.5    | 11.4   | 19.4   | 11.8   |  |  |  |
| G131.0 | 11.1   | 3.9    | 1.9    | 3.9    | 11.5   | 18.9   | 11.7   |  |  |  |
| G132.0 | 10.7   | 3.8    | 3.5    | 4.0    | 11.0   | 18.4   | 11.6   |  |  |  |
| G133.0 | 10.6   | 4.1    | 3.6    | 4.4    | 10.5   | 18.4   | 11.1   |  |  |  |
| G134.0 | 11.0   | 3.8    | 3.3    | 4.2    | 10.8   | 18.0   | 11.1   |  |  |  |
| G135.0 | 10.6   | 3.5    | 3.7    | 4.4    | 10.6   | 17.7   | 10.4   |  |  |  |
| G136.0 | 10.3   | 3.6    | 2.9    | 4.1    | 10.6   | 17.2   | 10.6   |  |  |  |
| G137.0 | 10.7   | 4.4    | 3.3    | 4.5    | 10.6   | 16.7   | 10.5   |  |  |  |
| G138.0 | 9.9    | 3.4    | 2.8    | 4.0    | 10.3   | 16.6   | 10.1   |  |  |  |
| G139.0 | 10.0   | 3.0    | 3.3    | 3.1    | 9.8    | 16.1   | 10.2   |  |  |  |
| G140.0 | 9.4    | 3.7    | 3.3    | 4.5    | 9.6    | 15.7   | 9.9    |  |  |  |
| G141.0 | 8.9    | 4.0    | 3.3    | 3.8    | 9.5    | 15.3   | 9.5    |  |  |  |
| G142.0 | 8.9    | 3.9    | 3.9    | 4.4    | 9.1    | 14.8   | 9.0    |  |  |  |
| G143.0 | 8.9    | 3.1    | 3.0    | 4.0    | 9.1    | 14.5   | 8.8    |  |  |  |
| G144.0 | 8.4    | 3.9    | 3.9    | 2.6    | 9.1    | 14.1   | 8.4    |  |  |  |
| G145.0 | 8.3    | 3.3    | 3.6    | 3.3    | 8.9    | 14.5   | 8.5    |  |  |  |
| G146.0 | 7.9    | 4.0    | 3.4    | 3.9    | 8.8    | 13.3   | 7.1    |  |  |  |
| G147.0 | 7.5    | 4.3    | 3.6    | 4.4    | 8.3    | 13.2   | 7.3    |  |  |  |

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 29.5 'C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector:

### Candlepower Table (Continue 9)

Unit: cd

| G\C    | C225.0 | C247.5 | C270.0 | C292.5 | C315.0 | C337.5 | C360.0 |  |  |  |
|--------|--------|--------|--------|--------|--------|--------|--------|--|--|--|
| G148.0 | 7.5    | 3.4    | 3.5    | 4.4    | 8.4    | 12.8   | 7.6    |  |  |  |
| G149.0 | 7.4    | 4.4    | 3.1    | 4.1    | 7.9    | 12.3   | 6.8    |  |  |  |
| G150.0 | 6.9    | 4.1    | 3.4    | 4.2    | 7.9    | 12.4   | 6.9    |  |  |  |
| G151.0 | 7.1    | 4.2    | 3.8    | 4.0    | 7.8    | 11.6   | 6.7    |  |  |  |
| G152.0 | 7.1    | 4.2    | 3.8    | 4.2    | 7.3    | 11.6   | 6.9    |  |  |  |
| G153.0 | 6.6    | 4.3    | 3.3    | 3.5    | 7.2    | 11.1   | 6.6    |  |  |  |
| G154.0 | 7.0    | 4.5    | 4.2    | 4.6    | 6.9    | 10.7   | 6.2    |  |  |  |
| G155.0 | 6.6    | 4.3    | 3.5    | 4.5    | 6.7    | 10.2   | 5.8    |  |  |  |
| G156.0 | 6.3    | 4.3    | 3.0    | 3.8    | 6.3    | 9.6    | 5.6    |  |  |  |
| G157.0 | 5.5    | 3.9    | 3.8    | 3.7    | 6.4    | 9.6    | 5.3    |  |  |  |
| G158.0 | 5.9    | 4.0    | 3.9    | 4.5    | 6.5    | 9.0    | 5.3    |  |  |  |
| G159.0 | 5.8    | 3.9    | 3.7    | 4.3    | 6.0    | 9.1    | 4.9    |  |  |  |
| G160.0 | 5.4    | 4.1    | 3.4    | 4.1    | 5.9    | 8.5    | 5.6    |  |  |  |
| G161.0 | 5.6    | 4.3    | 3.5    | 3.4    | 6.2    | 7.9    | 4.7    |  |  |  |
| G162.0 | 5.5    | 3.8    | 3.1    | 3.9    | 5.4    | 7.8    | 5.0    |  |  |  |
| G163.0 | 5.2    | 3.2    | 3.4    | 4.4    | 4.5    | 7.4    | 4.6    |  |  |  |
| G164.0 | 5.0    | 4.2    | 4.1    | 4.2    | 5.6    | 7.3    | 4.9    |  |  |  |
| G165.0 | 4.7    | 3.9    | 4.0    | 4.2    | 5.5    | 6.8    | 4.8    |  |  |  |
| G166.0 | 4.7    | 3.8    | 3.4    | 4.2    | 4.8    | 6.7    | 4.9    |  |  |  |
| G167.0 | 4.5    | 3.7    | 3.5    | 3.5    | 4.9    | 6.1    | 4.4    |  |  |  |
| G168.0 | 4.4    | 4.2    | 3.8    | 4.2    | 5.0    | 5.7    | 4.2    |  |  |  |
| G169.0 | 4.8    | 4.2    | 3.6    | 4.3    | 4.7    | 5.7    | 4.2    |  |  |  |
| G170.0 | 4.2    | 3.8    | 3.7    | 3.8    | 3.8    | 4.7    | 4.4    |  |  |  |
| G171.0 | 4.4    | 3.7    | 4.1    | 2.9    | 4.4    | 4.4    | 4.1    |  |  |  |
| G172.0 | 4.0    | 4.0    | 4.1    | 3.9    | 4.5    | 4.6    | 4.3    |  |  |  |
| G173.0 | 3.9    | 4.1    | 3.7    | 4.2    | 4.2    | 4.6    | 4.1    |  |  |  |
| G174.0 | 3.9    | 4.0    | 3.4    | 3.8    | 4.2    | 3.8    | 3.5    |  |  |  |
| G175.0 | 3.6    | 3.6    | 3.9    | 4.3    | 4.4    | 4.3    | 3.6    |  |  |  |
| G176.0 | 3.9    | 4.3    | 4.0    | 2.8    | 3.6    | 4.0    | 3.5    |  |  |  |
| G177.0 | 4.0    | 3.7    | 3.7    | 3.6    | 3.7    | 3.7    | 3.4    |  |  |  |
| G178.0 | 3.7    | 3.3    | 3.6    | 3.9    | 3.6    | 3.7    | 3.5    |  |  |  |
| G179.0 | 4.2    | 3.5    | 3.8    | 3.9    | 3.8    | 2.7    | 3.0    |  |  |  |
| G180.0 | 4.2    | 3.8    | 3.9    | 3.7    | 3.8    | 3.5    | 3.5    |  |  |  |
|        |        |        |        |        |        |        |        |  |  |  |
|        |        |        |        |        |        |        |        |  |  |  |
|        |        |        |        |        |        |        |        |  |  |  |
|        |        |        |        |        |        |        |        |  |  |  |

C Plane (°):0.0-360.0: 22.5  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 29.5 °C  
 Operator:

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-3000  
 Distance: 14.040 m [K=1.0000]  
 Humidity:  
 Inspector: