

Report No.:

Test Time: 2022/11/24 11:36

## Luminaire Property

Luminaire Manufacturer: Acolyte

Luminaire Category: Neon Apex

Luminaire Description: Neon Apex Addr RGBW-green only

Lamp Catalog: NLA5.3ADDRGB40-green only

Number of Lamps: 1

Luminous Width (mm): 16

Voltage: 24.0 V

Power: 5.67 W

Luminous Length (mm): 1000

Luminous Height (mm): 17

Current: 0.236 A

Power Factor: 1.000

## Photometric Results

CIE Class: Direct

Measurement Flux: 128.6 lm

Downward Ratio: 98%

Horizontal Diffuse Angle(10%,50%): H164,H111.9

Vertical Diffuse Angle(10%,50%): V167.2,V112.5

Luminaire Efficacy Rating (LER): 23

Max. Intensity: 43.41 cd

Total Rated Lamp Lumens: 128.6 lm

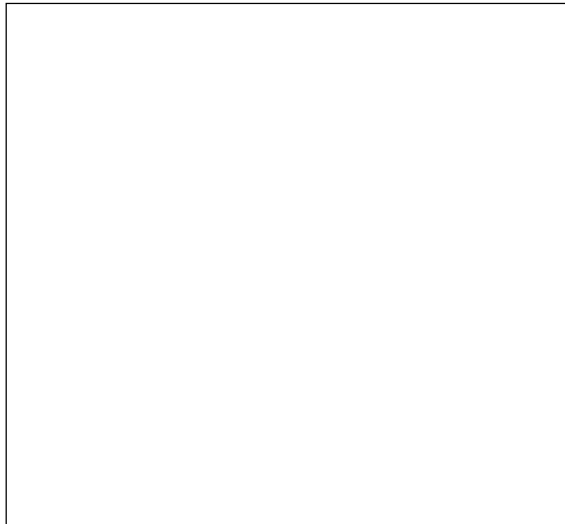
Efficiency: 100%

Upward Ratio: 2%

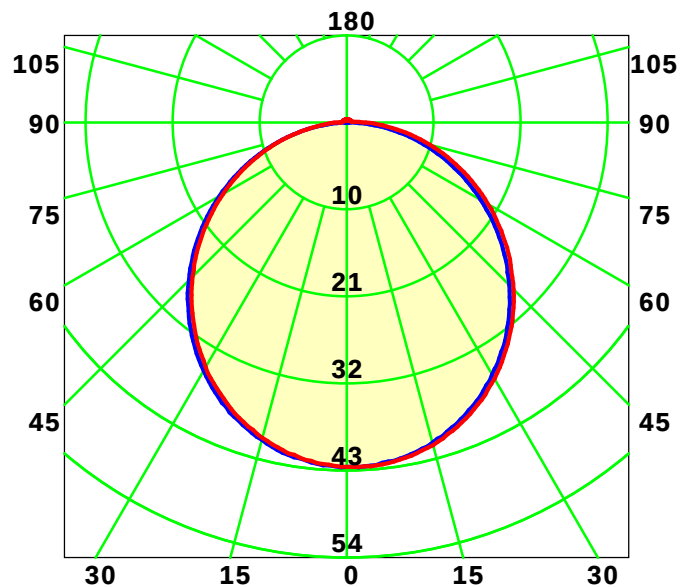
Central Intensity: 43.31 cd

Pos of Max. Intensity: H120 V2

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 112.2° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0

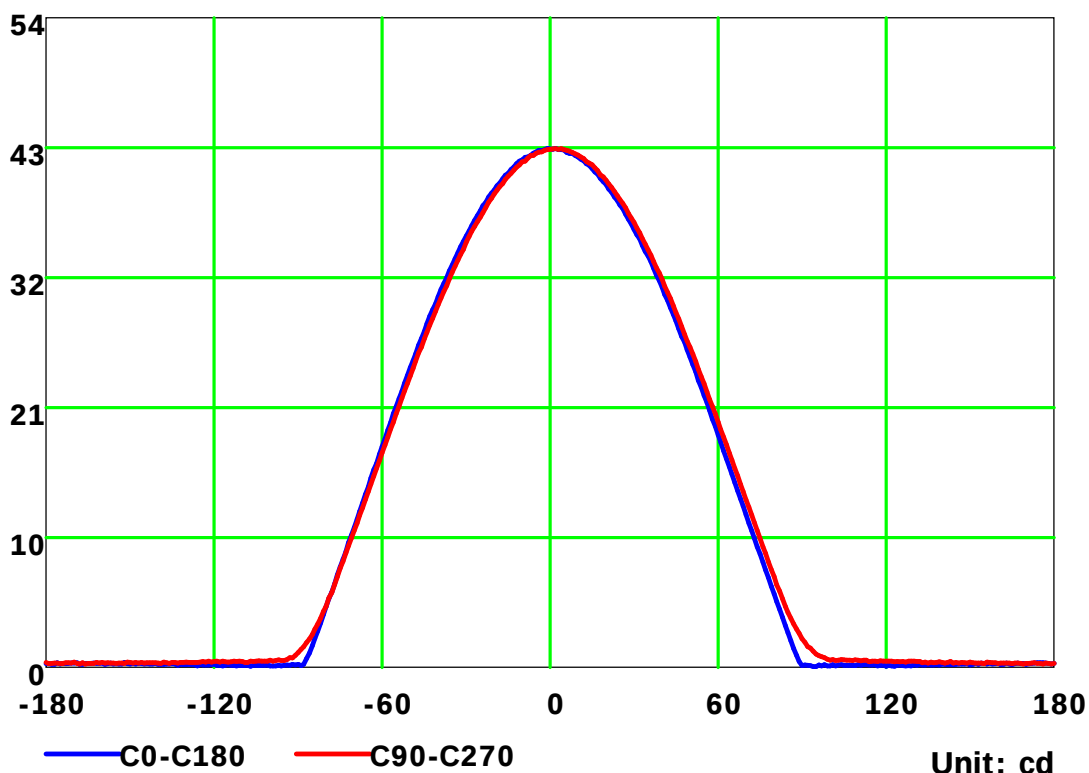
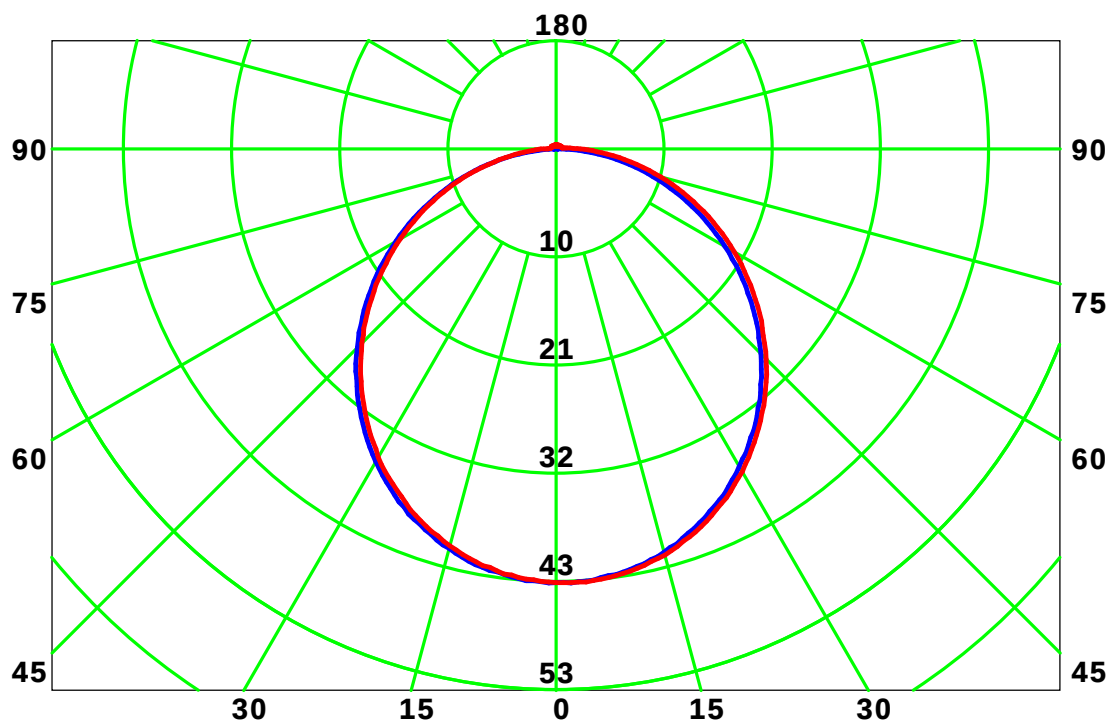
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

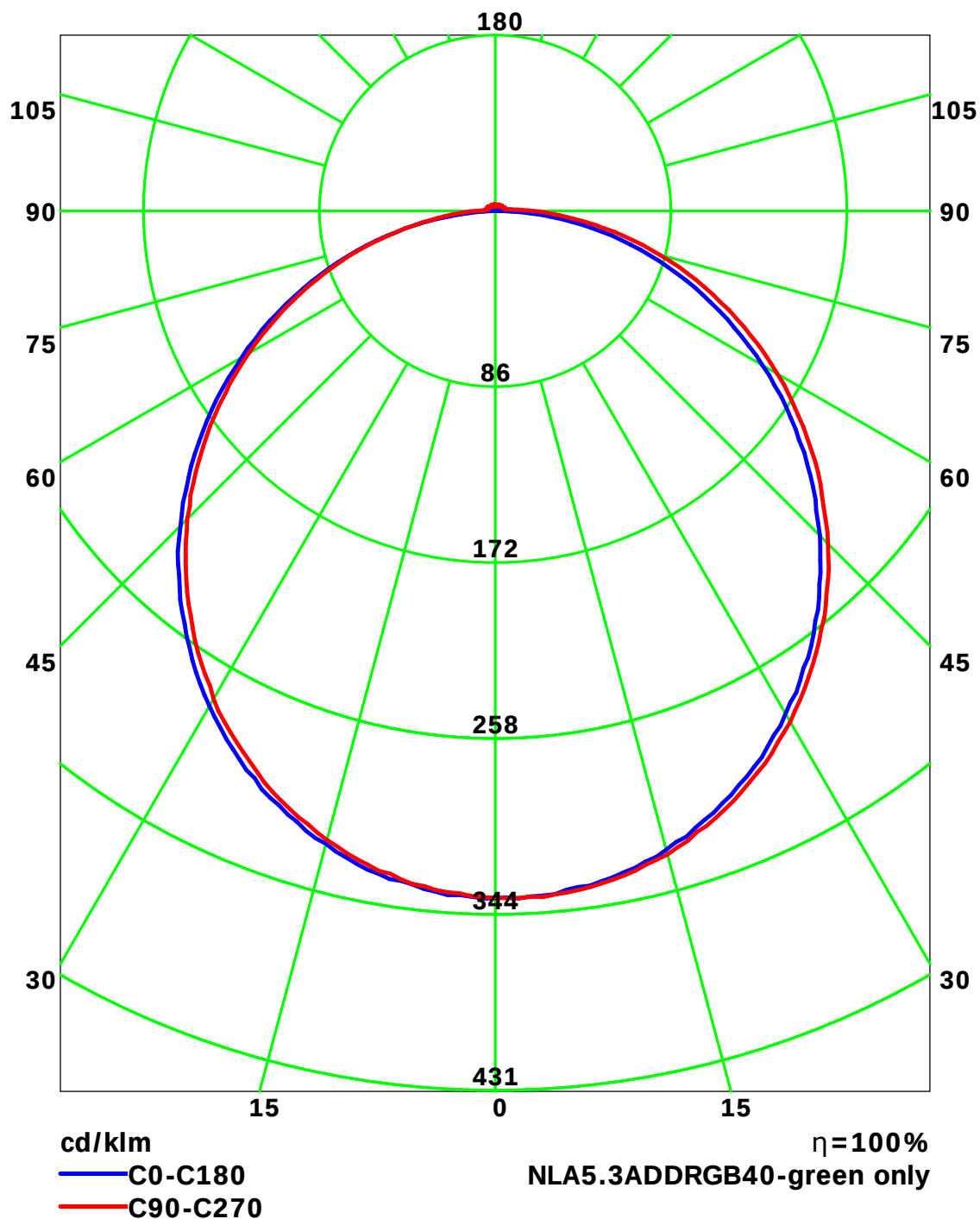
## Luminous Intensity Distribution Curve



C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 9.028 m  
Humidity: 60%  
Inspector:

## Luminous Intensity Distribution Curve(cd / klm)



C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 9.028 m  
Humidity: 60%  
Inspector:

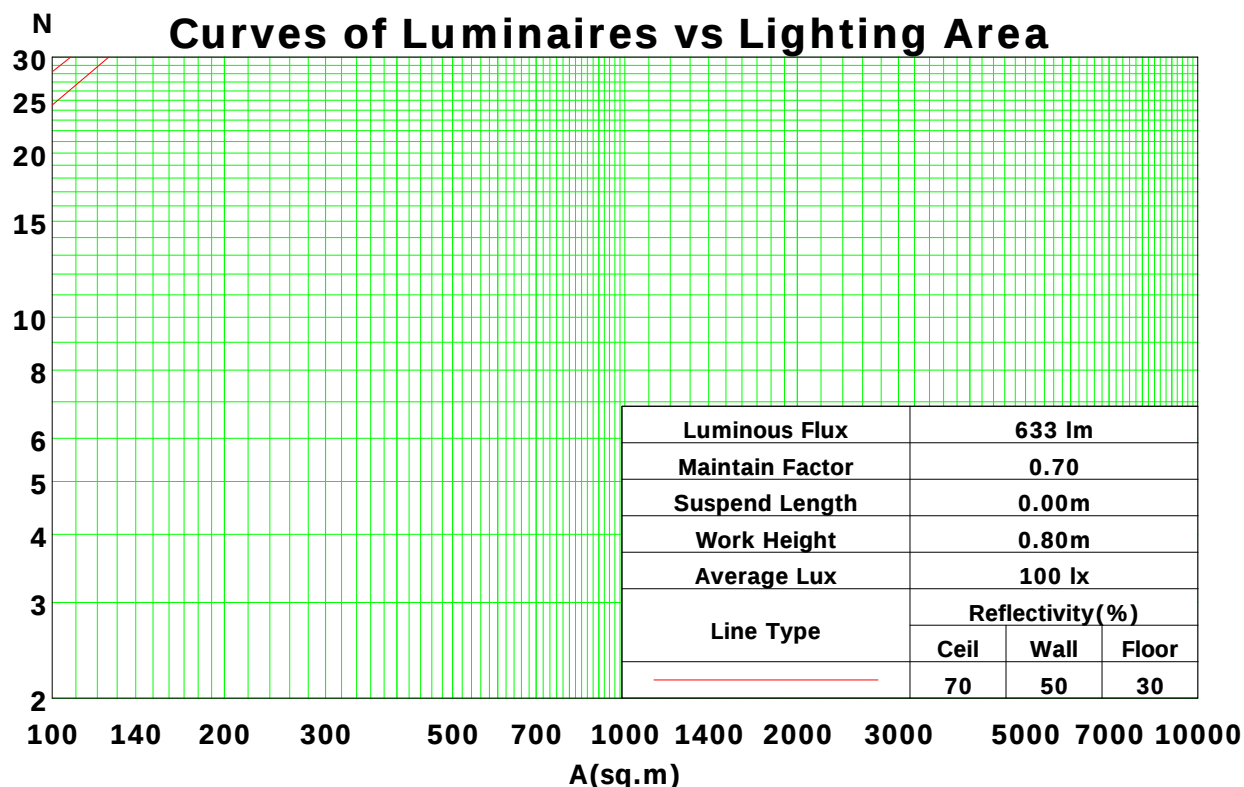
## Coefficients Of Utilization - Zonal Cavity Method

|     |          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |
|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 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 | 110 | 110 | 110 | 105 | 105 | 105 | 100 | 100 | 100 | 98 |
| 1   | 108      | 103 | 98  | 94  | 105 | 100 | 96  | 92  | 96  | 92  | 89  | 91  | 89  | 86  | 87  | 85  | 83  | 81 |
| 2   | 98       | 89  | 82  | 76  | 95  | 87  | 81  | 75  | 83  | 78  | 73  | 80  | 75  | 71  | 76  | 72  | 69  | 67 |
| 3   | 89       | 78  | 70  | 63  | 86  | 76  | 69  | 62  | 73  | 66  | 61  | 70  | 64  | 60  | 67  | 62  | 58  | 56 |
| 4   | 81       | 69  | 60  | 53  | 79  | 68  | 59  | 53  | 65  | 58  | 52  | 62  | 56  | 51  | 60  | 54  | 50  | 48 |
| 5   | 75       | 62  | 53  | 46  | 72  | 60  | 52  | 45  | 58  | 51  | 45  | 56  | 49  | 44  | 54  | 48  | 43  | 41 |
| 6   | 69       | 55  | 46  | 40  | 67  | 54  | 46  | 40  | 52  | 45  | 39  | 51  | 44  | 39  | 49  | 43  | 38  | 36 |
| 7   | 64       | 50  | 41  | 35  | 62  | 49  | 41  | 35  | 48  | 40  | 35  | 46  | 39  | 34  | 44  | 38  | 34  | 32 |
| 8   | 60       | 46  | 37  | 31  | 58  | 45  | 37  | 31  | 44  | 36  | 31  | 42  | 35  | 31  | 41  | 35  | 30  | 28 |
| 9   | 56       | 42  | 34  | 28  | 54  | 41  | 33  | 28  | 40  | 33  | 28  | 39  | 32  | 28  | 38  | 32  | 27  | 25 |
| 10  | 52       | 39  | 31  | 26  | 51  | 38  | 31  | 25  | 37  | 30  | 25  | 36  | 30  | 25  | 35  | 29  | 25  | 23 |

Spacing Criteria (0-180): 1.25

Spacing Criteria (90-270): 1.25

Spacing Criteria (Diagonal): 1.37



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0

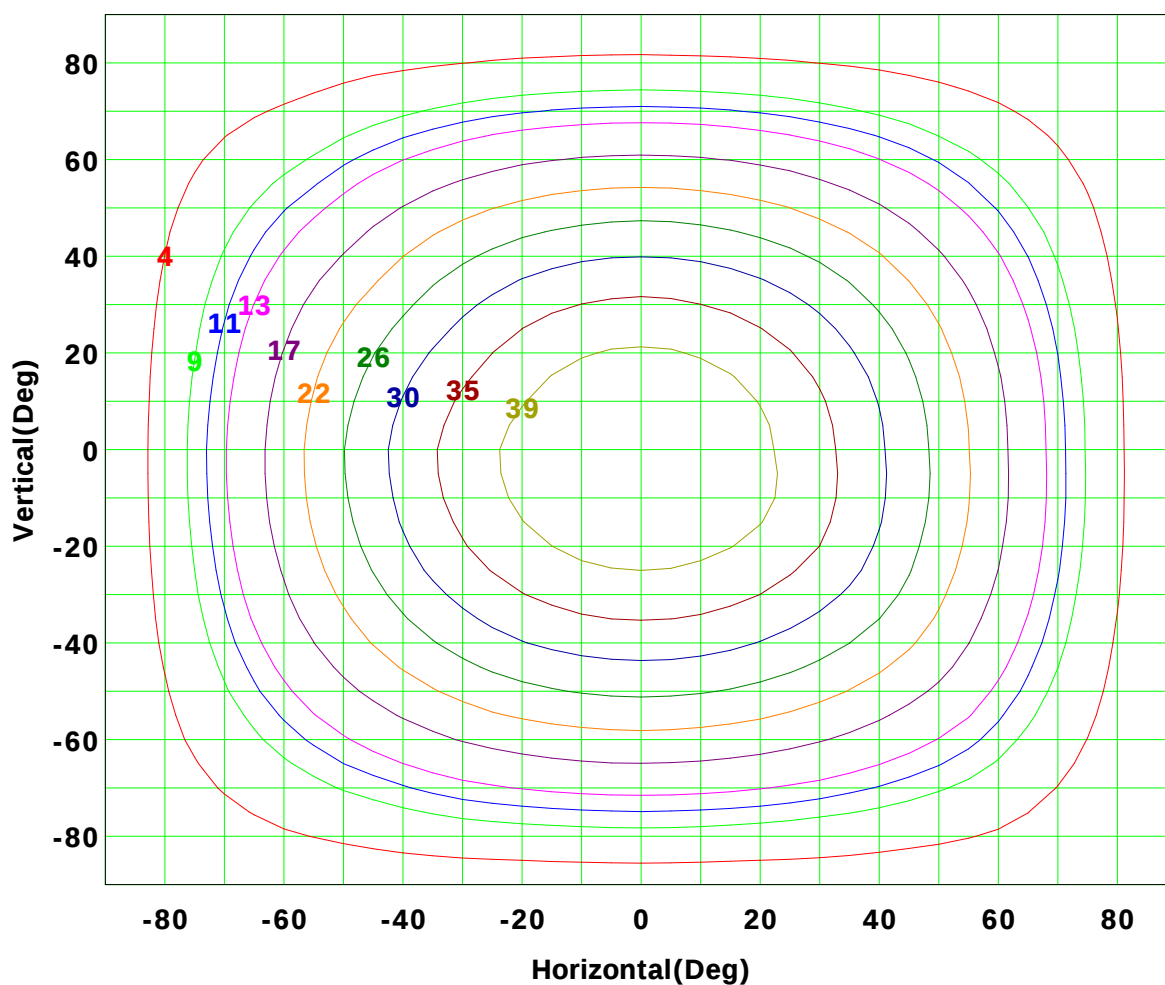
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

## Isocandela (rectangle)



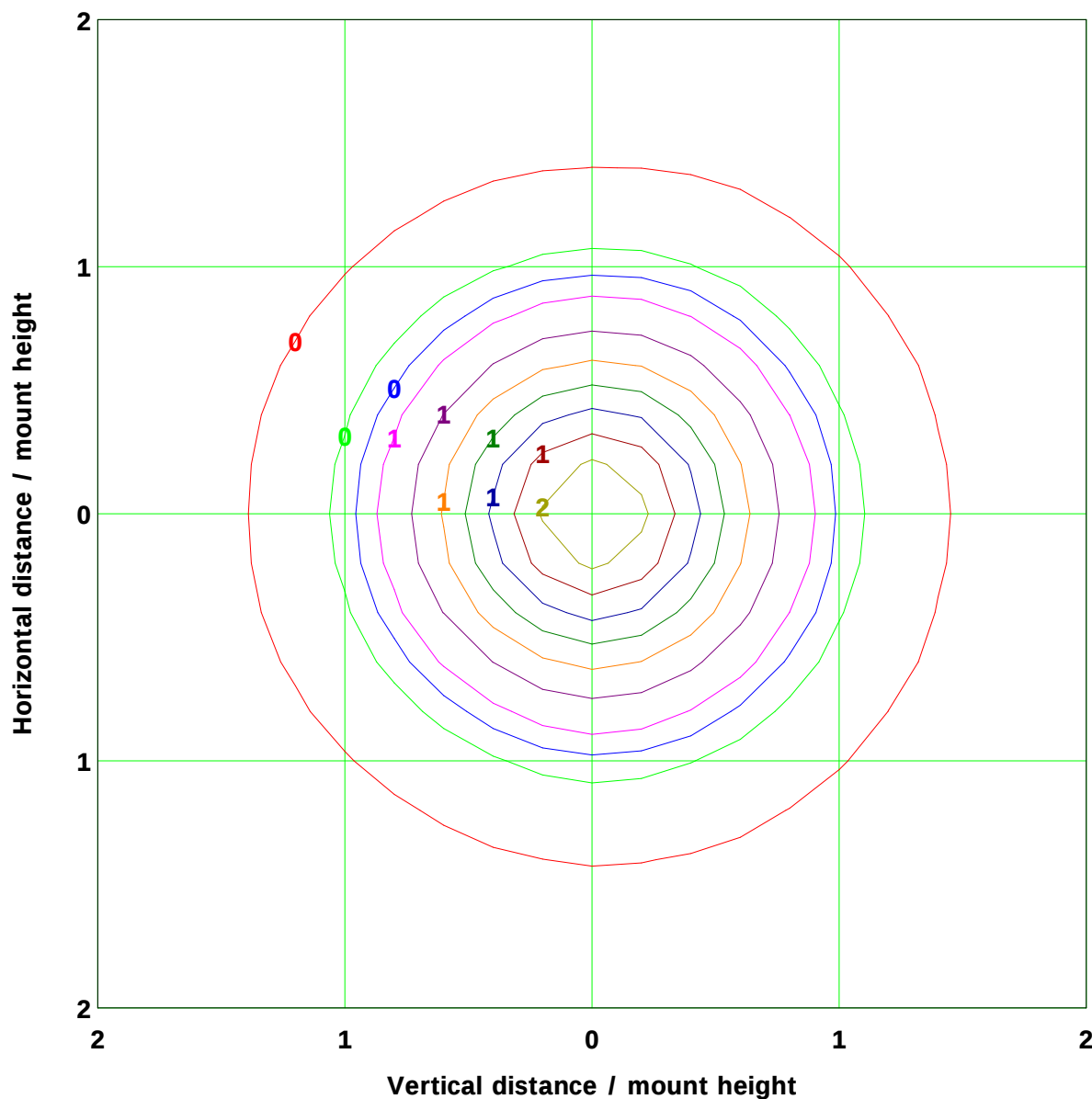
I<sub>max</sub> (100%): 43 cd

|         |       |         |       |
|---------|-------|---------|-------|
| ( 10%): | 4 cd  | ( 20%): | 9 cd  |
| ( 25%): | 11 cd | ( 30%): | 13 cd |
| ( 40%): | 17 cd | ( 50%): | 22 cd |
| ( 60%): | 26 cd | ( 70%): | 30 cd |
| ( 80%): | 35 cd | ( 90%): | 39 cd |

C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 9.028 m  
Humidity: 60%  
Inspector:

## IsoLux Plot



**Mounting Height: 5.0m Max Lux(100%): 1.7 lx**

|                |                |
|----------------|----------------|
| ( 10%): 0.2 lx | ( 20%): 0.3 lx |
| ( 25%): 0.4 lx | ( 30%): 0.5 lx |
| ( 40%): 0.7 lx | ( 50%): 0.9 lx |
| ( 60%): 1.0 lx | ( 70%): 1.2 lx |
| ( 80%): 1.4 lx | ( 90%): 1.6 lx |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

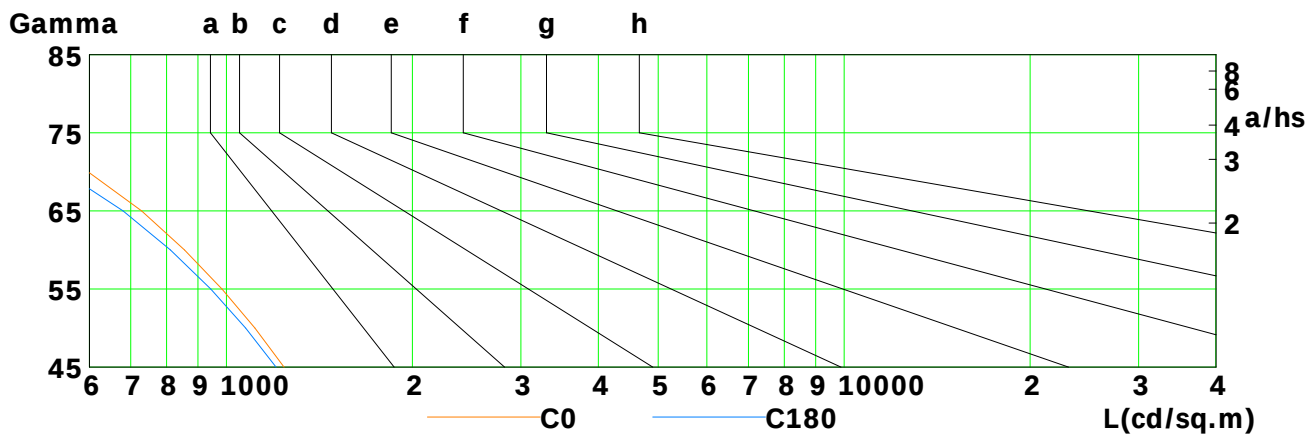
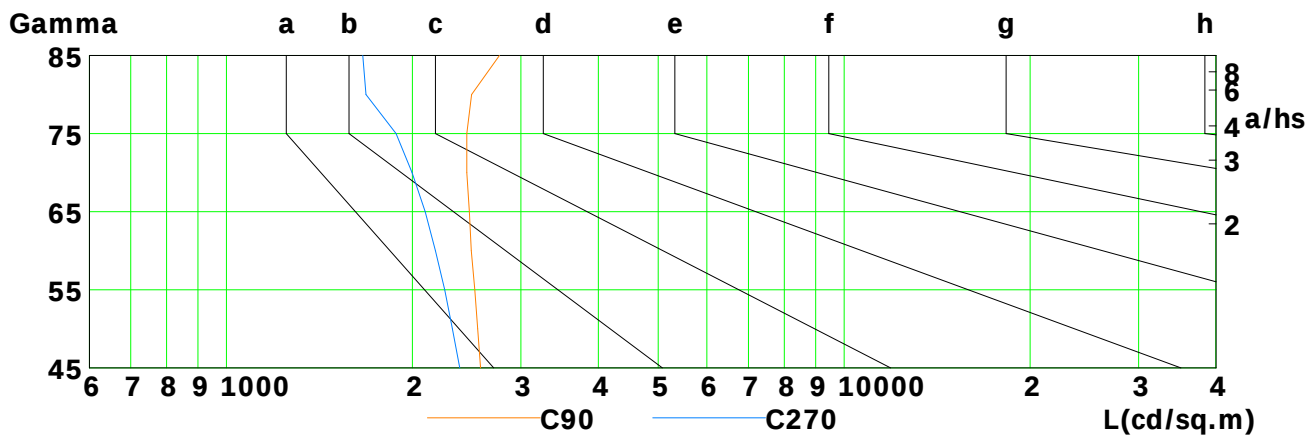
Inspector:



## Lum Limit Curve

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

a b c d e f g h

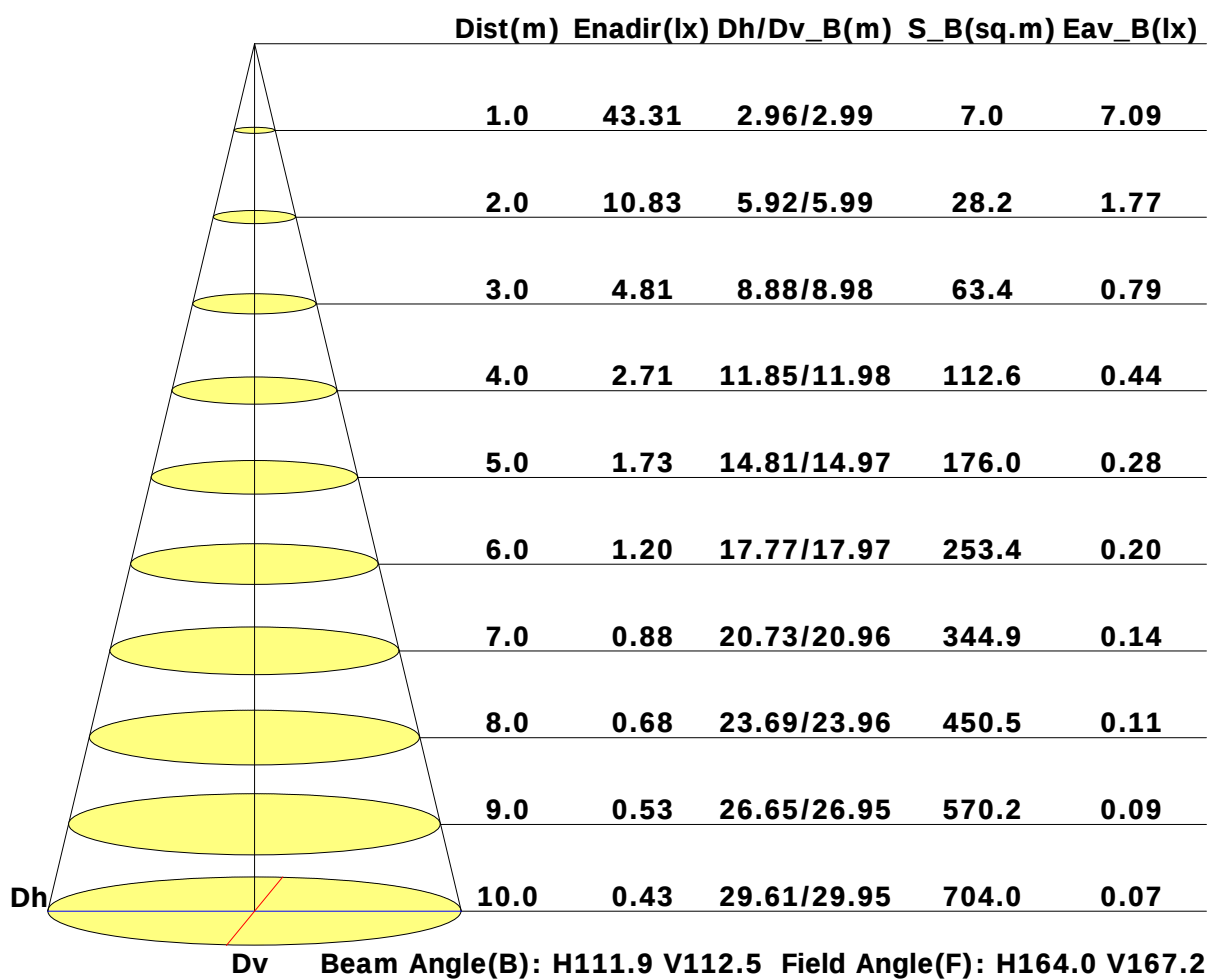


| L(cd/sq.m) | G45  | G50  | G55  | G60  | G65  | G70  | G75  | G80  | G85  |
|------------|------|------|------|------|------|------|------|------|------|
| C0         | 1241 | 1113 | 984  | 856  | 729  | 597  | 463  | 316  | 160  |
| C90        | 2579 | 2552 | 2524 | 2492 | 2474 | 2449 | 2450 | 2495 | 2768 |
| C180       | 1203 | 1075 | 944  | 812  | 681  | 546  | 409  | 260  | 100  |
| C270       | 2387 | 2323 | 2256 | 2180 | 2099 | 1999 | 1882 | 1684 | 1663 |

C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 9.028 m  
Humidity: 60%  
Inspector:

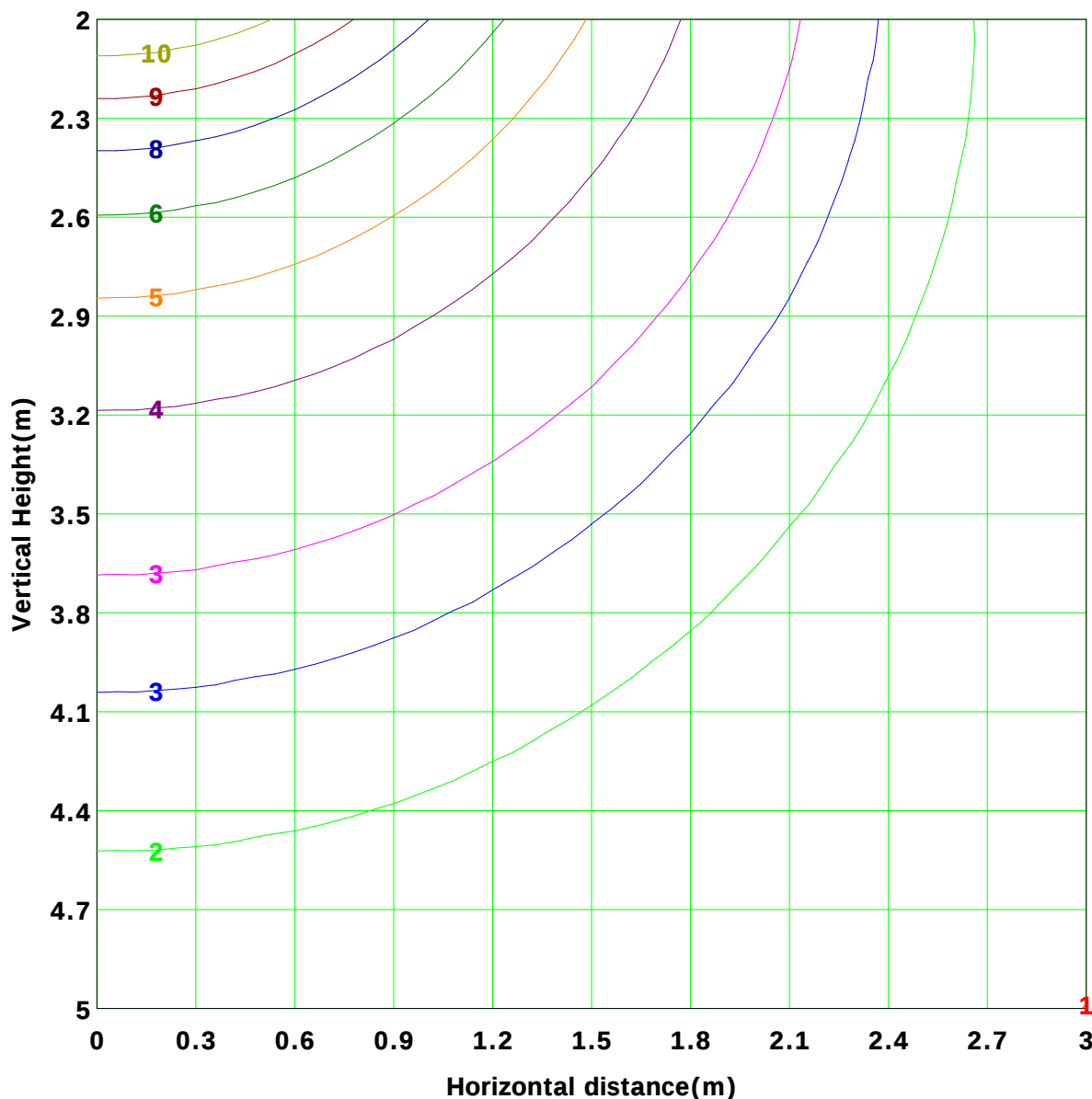
## Illuminance at a Distance



C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 9.028 m  
Humidity: 60%  
Inspector:

## Vertical IsoLux Plot



|                                                         |                |
|---------------------------------------------------------|----------------|
| Lowest(m): 2.0m    Highest(m): 5.0m    Max Lux: 10.8 lx |                |
| ( 10%): 1.1 lx                                          | ( 20%): 2.2 lx |
| ( 25%): 2.7 lx                                          | ( 30%): 3.2 lx |
| ( 40%): 4.3 lx                                          | ( 50%): 5.4 lx |
| ( 60%): 6.5 lx                                          | ( 70%): 7.6 lx |
| ( 80%): 8.7 lx                                          | ( 90%): 9.7 lx |

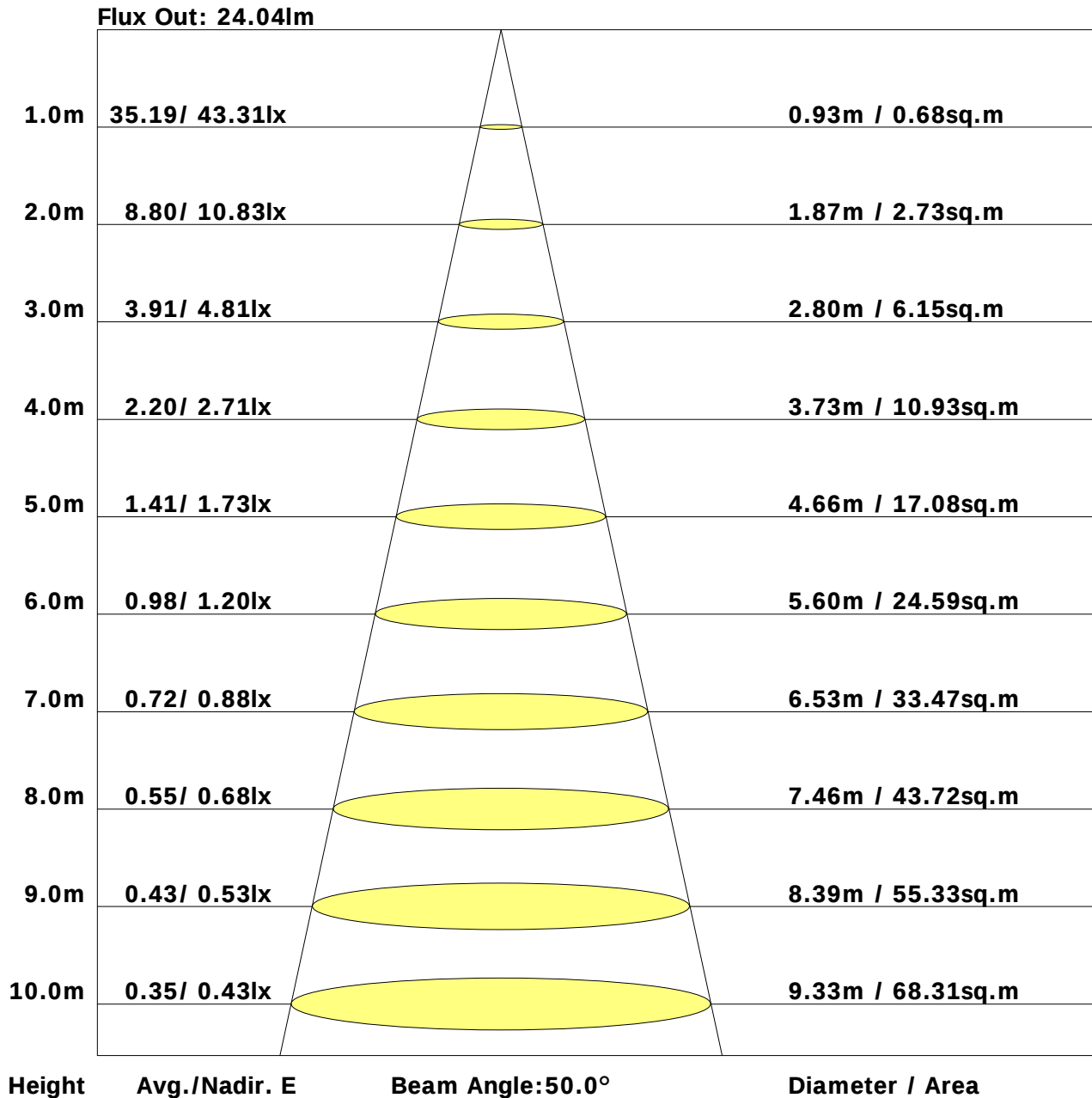
C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 9.028 m  
Humidity: 60%  
Inspector:

**Gamma Plane (°):0.0-180.0:1.0**  
**Test Device: GPM-1800B**  
**Distance: 9.028 m**  
**Humidity: 60%**  
**Inspector:**



## The Average Illuminance Effective Figure



C Plane (°):0.0-360.0: 30.0  
Test Lab:  
Test Type: TYPE C  
Temperature: 25  
Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
Test Device: GPM-1800B  
Distance: 9.028 m  
Humidity: 60%  
Inspector:

## UGR Table

|                         |                         |             |             |             |             |                       |             |             |             |             |
|-------------------------|-------------------------|-------------|-------------|-------------|-------------|-----------------------|-------------|-------------|-------------|-------------|
| <b>Reflectance:</b>     |                         |             |             |             |             |                       |             |             |             |             |
| <b>Ceiling (cavity)</b> | <b>0.7</b>              | <b>0.7</b>  | <b>0.5</b>  | <b>0.5</b>  | <b>0.3</b>  | <b>0.7</b>            | <b>0.7</b>  | <b>0.5</b>  | <b>0.5</b>  | <b>0.3</b>  |
| <b>Wall</b>             | <b>0.5</b>              | <b>0.3</b>  | <b>0.5</b>  | <b>0.3</b>  | <b>0.3</b>  | <b>0.5</b>            | <b>0.3</b>  | <b>0.5</b>  | <b>0.3</b>  | <b>0.3</b>  |
| <b>Reference plane</b>  | <b>0.2</b>              | <b>0.2</b>  | <b>0.2</b>  | <b>0.2</b>  | <b>0.2</b>  | <b>0.2</b>            | <b>0.2</b>  | <b>0.2</b>  | <b>0.2</b>  | <b>0.2</b>  |
| <b>Room dimensions</b>  | <b>Viewed crosswise</b> |             |             |             |             | <b>Viewed endwise</b> |             |             |             |             |
| <b>X=2H Y=2H</b>        | <b>20.7</b>             | <b>22.3</b> | <b>21.0</b> | <b>22.6</b> | <b>23.0</b> | <b>19.3</b>           | <b>20.9</b> | <b>19.7</b> | <b>21.3</b> | <b>21.6</b> |
| <b>3H</b>               | <b>22.6</b>             | <b>24.1</b> | <b>23.0</b> | <b>24.4</b> | <b>24.8</b> | <b>20.9</b>           | <b>22.3</b> | <b>21.3</b> | <b>22.7</b> | <b>23.1</b> |
| <b>4H</b>               | <b>23.4</b>             | <b>24.8</b> | <b>23.8</b> | <b>25.1</b> | <b>25.6</b> | <b>21.4</b>           | <b>22.8</b> | <b>21.9</b> | <b>23.2</b> | <b>23.6</b> |
| <b>6H</b>               | <b>24.0</b>             | <b>25.3</b> | <b>24.5</b> | <b>25.7</b> | <b>26.1</b> | <b>21.8</b>           | <b>23.1</b> | <b>22.3</b> | <b>23.5</b> | <b>24.0</b> |
| <b>8H</b>               | <b>24.2</b>             | <b>25.5</b> | <b>24.7</b> | <b>25.9</b> | <b>26.3</b> | <b>22.0</b>           | <b>23.2</b> | <b>22.4</b> | <b>23.6</b> | <b>24.1</b> |
| <b>12H</b>              | <b>24.4</b>             | <b>25.6</b> | <b>24.9</b> | <b>26.0</b> | <b>26.5</b> | <b>22.1</b>           | <b>23.2</b> | <b>22.5</b> | <b>23.7</b> | <b>24.1</b> |
| <b>X=4H Y=2H</b>        | <b>21.0</b>             | <b>22.4</b> | <b>21.4</b> | <b>22.8</b> | <b>23.2</b> | <b>20.0</b>           | <b>21.4</b> | <b>20.4</b> | <b>21.7</b> | <b>22.2</b> |
| <b>3H</b>               | <b>23.1</b>             | <b>24.2</b> | <b>23.5</b> | <b>24.7</b> | <b>25.1</b> | <b>21.7</b>           | <b>22.9</b> | <b>22.2</b> | <b>23.3</b> | <b>23.8</b> |
| <b>4H</b>               | <b>24.0</b>             | <b>25.0</b> | <b>24.4</b> | <b>25.5</b> | <b>25.9</b> | <b>22.4</b>           | <b>23.5</b> | <b>22.9</b> | <b>23.9</b> | <b>24.4</b> |
| <b>6H</b>               | <b>24.7</b>             | <b>25.6</b> | <b>25.2</b> | <b>26.1</b> | <b>26.6</b> | <b>23.0</b>           | <b>23.9</b> | <b>23.4</b> | <b>24.4</b> | <b>24.9</b> |
| <b>8H</b>               | <b>25.0</b>             | <b>25.8</b> | <b>25.4</b> | <b>26.3</b> | <b>26.8</b> | <b>23.1</b>           | <b>24.0</b> | <b>23.6</b> | <b>24.5</b> | <b>25.0</b> |
| <b>12H</b>              | <b>25.2</b>             | <b>25.9</b> | <b>25.7</b> | <b>26.5</b> | <b>27.0</b> | <b>23.3</b>           | <b>24.0</b> | <b>23.8</b> | <b>24.5</b> | <b>25.1</b> |
| <b>X=8H Y=4H</b>        | <b>24.1</b>             | <b>25.0</b> | <b>24.6</b> | <b>25.4</b> | <b>25.9</b> | <b>22.8</b>           | <b>23.6</b> | <b>23.3</b> | <b>24.1</b> | <b>24.6</b> |
| <b>6H</b>               | <b>24.9</b>             | <b>25.6</b> | <b>25.4</b> | <b>26.1</b> | <b>26.7</b> | <b>23.4</b>           | <b>24.1</b> | <b>23.9</b> | <b>24.7</b> | <b>25.2</b> |
| <b>8H</b>               | <b>25.2</b>             | <b>25.8</b> | <b>25.7</b> | <b>26.4</b> | <b>26.9</b> | <b>23.6</b>           | <b>24.3</b> | <b>24.2</b> | <b>24.8</b> | <b>25.4</b> |
| <b>12H</b>              | <b>25.4</b>             | <b>26.0</b> | <b>26.0</b> | <b>26.5</b> | <b>27.2</b> | <b>23.8</b>           | <b>24.4</b> | <b>24.4</b> | <b>24.9</b> | <b>25.5</b> |
| <b>X=12H Y=4H</b>       | <b>24.1</b>             | <b>24.9</b> | <b>24.6</b> | <b>25.4</b> | <b>25.9</b> | <b>22.8</b>           | <b>23.6</b> | <b>23.3</b> | <b>24.1</b> | <b>24.6</b> |
| <b>6H</b>               | <b>24.9</b>             | <b>25.6</b> | <b>25.4</b> | <b>26.0</b> | <b>26.6</b> | <b>23.5</b>           | <b>24.1</b> | <b>24.0</b> | <b>24.6</b> | <b>25.2</b> |
| <b>8H</b>               | <b>25.2</b>             | <b>25.8</b> | <b>25.8</b> | <b>26.3</b> | <b>26.9</b> | <b>23.8</b>           | <b>24.3</b> | <b>24.3</b> | <b>24.9</b> | <b>25.5</b> |

Calculate in accordance with CIE 190:2010

C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25  
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 9.028 m  
 Humidity: 60%  
 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  | 0.55           | 0.65 | 0.73 | 0.78 | 0.85 | 0.90 | 0.94 | 0.99 | 1.02 |
|                                                                                                                                                                                  | 0.30 |       | 0.47           | 0.57 | 0.65 | 0.71 | 0.79 | 0.85 | 0.89 | 0.94 | 0.98 |
|                                                                                                                                                                                  | 0.20 |       | 0.41           | 0.52 | 0.59 | 0.65 | 0.74 | 0.80 | 0.84 | 0.90 | 0.95 |
| 0.50                                                                                                                                                                             | 0.50 | 0.20  | 0.53           | 0.63 | 0.70 | 0.75 | 0.82 | 0.87 | 0.90 | 0.94 | 0.97 |
|                                                                                                                                                                                  | 0.30 |       | 0.46           | 0.56 | 0.63 | 0.69 | 0.76 | 0.82 | 0.86 | 0.91 | 0.94 |
|                                                                                                                                                                                  | 0.20 |       | 0.41           | 0.51 | 0.58 | 0.64 | 0.72 | 0.78 | 0.82 | 0.88 | 0.91 |
| 0.30                                                                                                                                                                             | 0.50 | 0.20  | 0.52           | 0.61 | 0.67 | 0.72 | 0.79 | 0.83 | 0.86 | 0.90 | 0.93 |
|                                                                                                                                                                                  | 0.30 |       | 0.45           | 0.55 | 0.62 | 0.67 | 0.74 | 0.79 | 0.83 | 0.87 | 0.90 |
|                                                                                                                                                                                  | 0.20 |       | 0.41           | 0.50 | 0.57 | 0.63 | 0.70 | 0.75 | 0.79 | 0.85 | 0.88 |
| 0.00                                                                                                                                                                             | 0.00 | 0.00  | 0.38           | 0.47 | 0.54 | 0.59 | 0.66 | 0.71 | 0.75 | 0.80 | 0.83 |
| Rating:6W Photometrically tested without ceiling board.<br>Multiply UF values by service correction factors<br>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980 |      |       |                |      |      |      |      |      |      |      |      |

## 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  | 1.01           | 0.84 | 0.72 | 0.63 | 0.50 | 0.42 | 0.36 | 0.28 | 0.23 |  |
|                                                                                                                                                                                  | 0.30 |       | 0.84           | 0.72 | 0.63 | 0.56 | 0.46 | 0.39 | 0.33 | 0.27 | 0.22 |  |
|                                                                                                                                                                                  | 0.20 |       | 0.72           | 0.63 | 0.55 | 0.50 | 0.42 | 0.36 | 0.31 | 0.25 | 0.21 |  |
| 0.50                                                                                                                                                                             | 0.50 | 0.20  | 0.97           | 0.80 | 0.69 | 0.60 | 0.48 | 0.43 | 0.34 | 0.27 | 0.22 |  |
|                                                                                                                                                                                  | 0.30 |       | 0.82           | 0.70 | 0.61 | 0.54 | 0.44 | 0.37 | 0.32 | 0.25 | 0.21 |  |
|                                                                                                                                                                                  | 0.20 |       | 0.71           | 0.62 | 0.54 | 0.49 | 0.40 | 0.34 | 0.30 | 0.24 | 0.20 |  |
| 0.30                                                                                                                                                                             | 0.50 | 0.20  | 0.94           | 0.77 | 0.66 | 0.57 | 0.46 | 0.38 | 0.33 | 0.25 | 0.21 |  |
|                                                                                                                                                                                  | 0.30 |       | 0.80           | 0.68 | 0.59 | 0.52 | 0.42 | 0.36 | 0.31 | 0.24 | 0.20 |  |
|                                                                                                                                                                                  | 0.20 |       | 0.70           | 0.61 | 0.53 | 0.48 | 0.39 | 0.33 | 0.29 | 0.23 | 0.19 |  |
| 0.00                                                                                                                                                                             | 0.00 | 0.00  | 0.60           | 0.51 | 0.44 | 0.39 | 0.32 | 0.27 | 0.23 | 0.18 | 0.15 |  |
| Rating:6W Photometrically tested without ceiling board.<br>Multiply UF values by service correction factors<br>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980 |      |       |                |      |      |      |      |      |      |      |      |  |

## 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  | 0.18           | 0.20 | 0.21 | 0.21 | 0.22 | 0.23 | 0.23 | 0.24 | 0.24 |
|                                                                                                                                                                                  | 0.30 |       | 0.11           | 0.13 | 0.14 | 0.15 | 0.17 | 0.18 | 0.19 | 0.20 | 0.21 |
|                                                                                                                                                                                  | 0.20 |       | 0.06           | 0.08 | 0.10 | 0.11 | 0.13 | 0.14 | 0.16 | 0.17 | 0.19 |
| 0.50                                                                                                                                                                             | 0.50 | 0.20  | 0.18           | 0.19 | 0.20 | 0.20 | 0.21 | 0.22 | 0.22 | 0.23 | 0.23 |
|                                                                                                                                                                                  | 0.30 |       | 0.11           | 0.13 | 0.14 | 0.15 | 0.16 | 0.18 | 0.18 | 0.20 | 0.20 |
|                                                                                                                                                                                  | 0.20 |       | 0.06           | 0.08 | 0.09 | 0.11 | 0.13 | 0.14 | 0.15 | 0.17 | 0.18 |
| 0.30                                                                                                                                                                             | 0.50 | 0.20  | 0.17           | 0.18 | 0.19 | 0.20 | 0.20 | 0.21 | 0.21 | 0.22 | 0.22 |
|                                                                                                                                                                                  | 0.30 |       | 0.11           | 0.12 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 |
|                                                                                                                                                                                  | 0.20 |       | 0.06           | 0.08 | 0.09 | 0.10 | 0.12 | 0.14 | 0.15 | 0.16 | 0.17 |
| 0.00                                                                                                                                                                             | 0.00 | 0.00  | 0.02           | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| Rating:6W Photometrically tested without ceiling board.<br>Multiply UF values by service correction factors<br>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980 |      |       |                |      |      |      |      |      |      |      |      |

## Zonal Lumen

| Gamma<br>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 0.0-1.0      | 43.3                      | 0.0                | 0.0                    | 0.03                  | 0.03                      |
| 1.0-2.0      | 43.3                      | 0.1                | 0.2                    | 0.10                  | 0.13                      |
| 2.0-3.0      | 43.3                      | 0.2                | 0.4                    | 0.16                  | 0.29                      |
| 3.0-4.0      | 43.2                      | 0.3                | 0.7                    | 0.22                  | 0.51                      |
| 4.0-5.0      | 43.2                      | 0.4                | 1.0                    | 0.29                  | 0.80                      |
| 5.0-6.0      | 43.1                      | 0.5                | 1.5                    | 0.35                  | 1.16                      |
| 6.0-7.0      | 43.0                      | 0.5                | 2.0                    | 0.41                  | 1.57                      |
| 7.0-8.0      | 42.9                      | 0.6                | 2.6                    | 0.48                  | 2.05                      |
| 8.0-9.0      | 42.7                      | 0.7                | 3.3                    | 0.54                  | 2.59                      |
| 9.0-10.0     | 42.6                      | 0.8                | 4.1                    | 0.60                  | 3.19                      |
| 10.0-11.0    | 42.4                      | 0.8                | 4.9                    | 0.66                  | 3.85                      |
| 11.0-12.0    | 42.3                      | 0.9                | 5.9                    | 0.72                  | 4.56                      |
| 12.0-13.0    | 42.0                      | 1.0                | 6.9                    | 0.78                  | 5.34                      |
| 13.0-14.0    | 41.8                      | 1.1                | 7.9                    | 0.83                  | 6.17                      |
| 14.0-15.0    | 41.6                      | 1.1                | 9.1                    | 0.89                  | 7.06                      |
| 15.0-16.0    | 41.4                      | 1.2                | 10.3                   | 0.94                  | 8.01                      |
| 16.0-17.0    | 41.1                      | 1.3                | 11.6                   | 1.00                  | 9.00                      |
| 17.0-18.0    | 40.9                      | 1.3                | 12.9                   | 1.05                  | 10.05                     |
| 18.0-19.0    | 40.6                      | 1.4                | 14.3                   | 1.10                  | 11.15                     |
| 19.0-20.0    | 40.3                      | 1.5                | 15.8                   | 1.15                  | 12.30                     |
| 20.0-21.0    | 40.0                      | 1.5                | 17.3                   | 1.19                  | 13.49                     |
| 21.0-22.0    | 39.6                      | 1.6                | 18.9                   | 1.24                  | 14.73                     |
| 22.0-23.0    | 39.3                      | 1.6                | 20.6                   | 1.28                  | 16.01                     |
| 23.0-24.0    | 38.9                      | 1.7                | 22.3                   | 1.32                  | 17.34                     |
| 24.0-25.0    | 38.6                      | 1.8                | 24.0                   | 1.36                  | 18.70                     |
| 25.0-26.0    | 38.2                      | 1.8                | 25.8                   | 1.40                  | 20.10                     |
| 26.0-27.0    | 37.8                      | 1.9                | 27.7                   | 1.44                  | 21.54                     |
| 27.0-28.0    | 37.4                      | 1.9                | 29.6                   | 1.47                  | 23.02                     |
| 28.0-29.0    | 37.0                      | 1.9                | 31.5                   | 1.51                  | 24.52                     |
| 29.0-30.0    | 36.6                      | 2.0                | 33.5                   | 1.54                  | 26.06                     |
| 30.0-31.0    | 36.1                      | 2.0                | 35.5                   | 1.56                  | 27.62                     |
| 31.0-32.0    | 35.7                      | 2.0                | 37.5                   | 1.59                  | 29.21                     |
| 32.0-33.0    | 35.2                      | 2.1                | 39.6                   | 1.61                  | 30.82                     |
| 33.0-34.0    | 34.7                      | 2.1                | 41.7                   | 1.63                  | 32.46                     |
| 34.0-35.0    | 34.2                      | 2.1                | 43.8                   | 1.65                  | 34.11                     |
| 35.0-36.0    | 33.7                      | 2.1                | 46.0                   | 1.67                  | 35.78                     |

C Plane (°): 0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25  
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0  
 Test Device: GPM-1800B  
 Distance: 9.028 m  
 Humidity: 60%  
 Inspector:

## Zonal Lumen (Continue 1)

| Gamma<br>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 36.0-37.0    | 33.2                      | 2.2                | 48.2                   | 1.69                  | 37.47                     |
| 37.0-38.0    | 32.7                      | 2.2                | 50.3                   | 1.70                  | 39.17                     |
| 38.0-39.0    | 32.2                      | 2.2                | 52.5                   | 1.71                  | 40.88                     |
| 39.0-40.0    | 31.6                      | 2.2                | 54.8                   | 1.72                  | 42.59                     |
| 40.0-41.0    | 31.1                      | 2.2                | 57.0                   | 1.72                  | 44.31                     |
| 41.0-42.0    | 30.5                      | 2.2                | 59.2                   | 1.73                  | 46.04                     |
| 42.0-43.0    | 30.0                      | 2.2                | 61.4                   | 1.73                  | 47.77                     |
| 43.0-44.0    | 29.4                      | 2.2                | 63.6                   | 1.73                  | 49.50                     |
| 44.0-45.0    | 28.8                      | 2.2                | 65.8                   | 1.72                  | 51.22                     |
| 45.0-46.0    | 28.2                      | 2.2                | 68.1                   | 1.72                  | 52.94                     |
| 46.0-47.0    | 27.6                      | 2.2                | 70.2                   | 1.71                  | 54.65                     |
| 47.0-48.0    | 27.0                      | 2.2                | 72.4                   | 1.70                  | 56.35                     |
| 48.0-49.0    | 26.4                      | 2.2                | 74.6                   | 1.69                  | 58.04                     |
| 49.0-50.0    | 25.8                      | 2.2                | 76.8                   | 1.68                  | 59.71                     |
| 50.0-51.0    | 25.2                      | 2.1                | 78.9                   | 1.66                  | 61.37                     |
| 51.0-52.0    | 24.6                      | 2.1                | 81.0                   | 1.64                  | 63.02                     |
| 52.0-53.0    | 24.0                      | 2.1                | 83.1                   | 1.62                  | 64.64                     |
| 53.0-54.0    | 23.3                      | 2.1                | 85.1                   | 1.60                  | 66.24                     |
| 54.0-55.0    | 22.7                      | 2.0                | 87.2                   | 1.58                  | 67.81                     |
| 55.0-56.0    | 22.0                      | 2.0                | 89.2                   | 1.55                  | 69.36                     |
| 56.0-57.0    | 21.4                      | 2.0                | 91.1                   | 1.52                  | 70.89                     |
| 57.0-58.0    | 20.8                      | 1.9                | 93.0                   | 1.49                  | 72.38                     |
| 58.0-59.0    | 20.1                      | 1.9                | 94.9                   | 1.46                  | 73.85                     |
| 59.0-60.0    | 19.5                      | 1.8                | 96.8                   | 1.43                  | 75.28                     |
| 60.0-61.0    | 18.8                      | 1.8                | 98.6                   | 1.40                  | 76.67                     |
| 61.0-62.0    | 18.1                      | 1.7                | 100.3                  | 1.36                  | 78.03                     |
| 62.0-63.0    | 17.5                      | 1.7                | 102.0                  | 1.32                  | 79.35                     |
| 63.0-64.0    | 16.8                      | 1.7                | 103.7                  | 1.28                  | 80.64                     |
| 64.0-65.0    | 16.2                      | 1.6                | 105.3                  | 1.25                  | 81.88                     |
| 65.0-66.0    | 15.5                      | 1.5                | 106.8                  | 1.21                  | 83.09                     |
| 66.0-67.0    | 14.9                      | 1.5                | 108.3                  | 1.16                  | 84.25                     |
| 67.0-68.0    | 14.2                      | 1.4                | 109.7                  | 1.12                  | 85.37                     |
| 68.0-69.0    | 13.5                      | 1.4                | 111.1                  | 1.07                  | 86.44                     |
| 69.0-70.0    | 12.9                      | 1.3                | 112.4                  | 1.03                  | 87.47                     |
| 70.0-71.0    | 12.2                      | 1.3                | 113.7                  | 0.98                  | 88.45                     |
| 71.0-72.0    | 11.6                      | 1.2                | 114.9                  | 0.94                  | 89.39                     |

C Plane (°): 0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25  
 Operator: Jacky

Gamma Plane (°): 0.0-180.0: 1.0  
 Test Device: GPM-1800B  
 Distance: 9.028 m  
 Humidity: 60%  
 Inspector:

## Zonal Lumen (Continue 2)

| Gamma<br>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 72.0-73.0    | 10.9                      | 1.1                | 116.0                  | 0.89                  | 90.28                     |
| 73.0-74.0    | 10.3                      | 1.1                | 117.1                  | 0.84                  | 91.12                     |
| 74.0-75.0    | 9.6                       | 1.0                | 118.1                  | 0.79                  | 91.90                     |
| 75.0-76.0    | 9.0                       | 1.0                | 119.1                  | 0.74                  | 92.64                     |
| 76.0-77.0    | 8.3                       | 0.9                | 120.0                  | 0.69                  | 93.33                     |
| 77.0-78.0    | 7.7                       | 0.8                | 120.8                  | 0.64                  | 93.97                     |
| 78.0-79.0    | 7.0                       | 0.8                | 121.6                  | 0.59                  | 94.56                     |
| 79.0-80.0    | 6.4                       | 0.7                | 122.2                  | 0.54                  | 95.10                     |
| 80.0-81.0    | 5.8                       | 0.6                | 122.9                  | 0.48                  | 95.58                     |
| 81.0-82.0    | 5.2                       | 0.6                | 123.4                  | 0.44                  | 96.02                     |
| 82.0-83.0    | 4.6                       | 0.5                | 123.9                  | 0.39                  | 96.40                     |
| 83.0-84.0    | 4.0                       | 0.4                | 124.4                  | 0.34                  | 96.74                     |
| 84.0-85.0    | 3.4                       | 0.4                | 124.7                  | 0.29                  | 97.03                     |
| 85.0-86.0    | 2.9                       | 0.3                | 125.1                  | 0.25                  | 97.28                     |
| 86.0-87.0    | 2.4                       | 0.3                | 125.3                  | 0.21                  | 97.49                     |
| 87.0-88.0    | 2.0                       | 0.2                | 125.5                  | 0.17                  | 97.66                     |
| 88.0-89.0    | 1.6                       | 0.2                | 125.7                  | 0.14                  | 97.80                     |
| 89.0-90.0    | 1.4                       | 0.1                | 125.9                  | 0.12                  | 97.92                     |
| 90.0-91.0    | 1.1                       | 0.1                | 126.0                  | 0.10                  | 98.01                     |
| 91.0-92.0    | 0.9                       | 0.1                | 126.1                  | 0.08                  | 98.09                     |
| 92.0-93.0    | 0.8                       | 0.1                | 126.2                  | 0.07                  | 98.16                     |
| 93.0-94.0    | 0.7                       | 0.1                | 126.3                  | 0.06                  | 98.23                     |
| 94.0-95.0    | 0.6                       | 0.1                | 126.3                  | 0.05                  | 98.28                     |
| 95.0-96.0    | 0.6                       | 0.1                | 126.4                  | 0.05                  | 98.33                     |
| 96.0-97.0    | 0.5                       | 0.1                | 126.5                  | 0.05                  | 98.37                     |
| 97.0-98.0    | 0.5                       | 0.1                | 126.5                  | 0.04                  | 98.42                     |
| 98.0-99.0    | 0.5                       | 0.1                | 126.6                  | 0.04                  | 98.46                     |
| 99.0-100.0   | 0.5                       | 0.0                | 126.6                  | 0.04                  | 98.50                     |
| 100.0-101.0  | 0.5                       | 0.0                | 126.7                  | 0.04                  | 98.53                     |
| 101.0-102.0  | 0.4                       | 0.0                | 126.7                  | 0.04                  | 98.57                     |
| 102.0-103.0  | 0.4                       | 0.0                | 126.8                  | 0.04                  | 98.61                     |
| 103.0-104.0  | 0.4                       | 0.0                | 126.8                  | 0.04                  | 98.64                     |
| 104.0-105.0  | 0.4                       | 0.0                | 126.8                  | 0.03                  | 98.68                     |
| 105.0-106.0  | 0.4                       | 0.0                | 126.9                  | 0.03                  | 98.71                     |
| 106.0-107.0  | 0.4                       | 0.0                | 126.9                  | 0.03                  | 98.74                     |
| 107.0-108.0  | 0.4                       | 0.0                | 127.0                  | 0.03                  | 98.78                     |

C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25  
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 9.028 m  
 Humidity: 60%  
 Inspector:

## Zonal Lumen (Continue 3)

| Gamma<br>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 108.0-109.0  | 0.4                       | 0.0                | 127.0                  | 0.03                  | 98.81                     |
| 109.0-110.0  | 0.4                       | 0.0                | 127.1                  | 0.03                  | 98.84                     |
| 110.0-111.0  | 0.4                       | 0.0                | 127.1                  | 0.03                  | 98.87                     |
| 111.0-112.0  | 0.4                       | 0.0                | 127.1                  | 0.03                  | 98.91                     |
| 112.0-113.0  | 0.4                       | 0.0                | 127.2                  | 0.03                  | 98.94                     |
| 113.0-114.0  | 0.4                       | 0.0                | 127.2                  | 0.03                  | 98.97                     |
| 114.0-115.0  | 0.4                       | 0.0                | 127.3                  | 0.03                  | 99.00                     |
| 115.0-116.0  | 0.4                       | 0.0                | 127.3                  | 0.03                  | 99.02                     |
| 116.0-117.0  | 0.4                       | 0.0                | 127.3                  | 0.03                  | 99.05                     |
| 117.0-118.0  | 0.4                       | 0.0                | 127.4                  | 0.03                  | 99.08                     |
| 118.0-119.0  | 0.4                       | 0.0                | 127.4                  | 0.03                  | 99.11                     |
| 119.0-120.0  | 0.4                       | 0.0                | 127.4                  | 0.03                  | 99.14                     |
| 120.0-121.0  | 0.4                       | 0.0                | 127.5                  | 0.03                  | 99.16                     |
| 121.0-122.0  | 0.4                       | 0.0                | 127.5                  | 0.03                  | 99.19                     |
| 122.0-123.0  | 0.4                       | 0.0                | 127.5                  | 0.03                  | 99.21                     |
| 123.0-124.0  | 0.4                       | 0.0                | 127.6                  | 0.03                  | 99.24                     |
| 124.0-125.0  | 0.4                       | 0.0                | 127.6                  | 0.03                  | 99.27                     |
| 125.0-126.0  | 0.4                       | 0.0                | 127.6                  | 0.02                  | 99.29                     |
| 126.0-127.0  | 0.4                       | 0.0                | 127.7                  | 0.02                  | 99.31                     |
| 127.0-128.0  | 0.4                       | 0.0                | 127.7                  | 0.02                  | 99.34                     |
| 128.0-129.0  | 0.4                       | 0.0                | 127.7                  | 0.02                  | 99.36                     |
| 129.0-130.0  | 0.4                       | 0.0                | 127.8                  | 0.02                  | 99.39                     |
| 130.0-131.0  | 0.4                       | 0.0                | 127.8                  | 0.02                  | 99.41                     |
| 131.0-132.0  | 0.4                       | 0.0                | 127.8                  | 0.02                  | 99.43                     |
| 132.0-133.0  | 0.3                       | 0.0                | 127.8                  | 0.02                  | 99.45                     |
| 133.0-134.0  | 0.3                       | 0.0                | 127.9                  | 0.02                  | 99.47                     |
| 134.0-135.0  | 0.3                       | 0.0                | 127.9                  | 0.02                  | 99.49                     |
| 135.0-136.0  | 0.3                       | 0.0                | 127.9                  | 0.02                  | 99.52                     |
| 136.0-137.0  | 0.3                       | 0.0                | 127.9                  | 0.02                  | 99.54                     |
| 137.0-138.0  | 0.3                       | 0.0                | 128.0                  | 0.02                  | 99.56                     |
| 138.0-139.0  | 0.3                       | 0.0                | 128.0                  | 0.02                  | 99.58                     |
| 139.0-140.0  | 0.3                       | 0.0                | 128.0                  | 0.02                  | 99.59                     |
| 140.0-141.0  | 0.4                       | 0.0                | 128.0                  | 0.02                  | 99.61                     |
| 141.0-142.0  | 0.4                       | 0.0                | 128.1                  | 0.02                  | 99.63                     |
| 142.0-143.0  | 0.3                       | 0.0                | 128.1                  | 0.02                  | 99.65                     |
| 143.0-144.0  | 0.3                       | 0.0                | 128.1                  | 0.02                  | 99.67                     |

C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25  
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 9.028 m  
 Humidity: 60%  
 Inspector:

## Zonal Lumen (Continue 4)

| Gamma<br>[°] | I <sub>mean</sub><br>[cd] | Zonal Flux<br>[lm] | Sum Zonal Flux<br>[lm] | Rel Zonal Flux<br>[%] | Sum Rel Zonal Flux<br>[%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 144.0-145.0  | 0.3                       | 0.0                | 128.1                  | 0.02                  | 99.68                     |
| 145.0-146.0  | 0.4                       | 0.0                | 128.2                  | 0.02                  | 99.70                     |
| 146.0-147.0  | 0.4                       | 0.0                | 128.2                  | 0.02                  | 99.72                     |
| 147.0-148.0  | 0.4                       | 0.0                | 128.2                  | 0.02                  | 99.74                     |
| 148.0-149.0  | 0.4                       | 0.0                | 128.2                  | 0.02                  | 99.75                     |
| 149.0-150.0  | 0.4                       | 0.0                | 128.2                  | 0.02                  | 99.77                     |
| 150.0-151.0  | 0.4                       | 0.0                | 128.3                  | 0.02                  | 99.78                     |
| 151.0-152.0  | 0.4                       | 0.0                | 128.3                  | 0.01                  | 99.80                     |
| 152.0-153.0  | 0.4                       | 0.0                | 128.3                  | 0.01                  | 99.81                     |
| 153.0-154.0  | 0.4                       | 0.0                | 128.3                  | 0.01                  | 99.82                     |
| 154.0-155.0  | 0.3                       | 0.0                | 128.3                  | 0.01                  | 99.84                     |
| 155.0-156.0  | 0.3                       | 0.0                | 128.4                  | 0.01                  | 99.85                     |
| 156.0-157.0  | 0.4                       | 0.0                | 128.4                  | 0.01                  | 99.86                     |
| 157.0-158.0  | 0.4                       | 0.0                | 128.4                  | 0.01                  | 99.87                     |
| 158.0-159.0  | 0.4                       | 0.0                | 128.4                  | 0.01                  | 99.88                     |
| 159.0-160.0  | 0.4                       | 0.0                | 128.4                  | 0.01                  | 99.90                     |
| 160.0-161.0  | 0.4                       | 0.0                | 128.4                  | 0.01                  | 99.91                     |
| 161.0-162.0  | 0.4                       | 0.0                | 128.4                  | 0.01                  | 99.92                     |
| 162.0-163.0  | 0.3                       | 0.0                | 128.4                  | 0.01                  | 99.92                     |
| 163.0-164.0  | 0.4                       | 0.0                | 128.5                  | 0.01                  | 99.93                     |
| 164.0-165.0  | 0.4                       | 0.0                | 128.5                  | 0.01                  | 99.94                     |
| 165.0-166.0  | 0.3                       | 0.0                | 128.5                  | 0.01                  | 99.95                     |
| 166.0-167.0  | 0.3                       | 0.0                | 128.5                  | 0.01                  | 99.96                     |
| 167.0-168.0  | 0.3                       | 0.0                | 128.5                  | 0.01                  | 99.96                     |
| 168.0-169.0  | 0.3                       | 0.0                | 128.5                  | 0.01                  | 99.97                     |
| 169.0-170.0  | 0.4                       | 0.0                | 128.5                  | 0.01                  | 99.97                     |
| 170.0-171.0  | 0.4                       | 0.0                | 128.5                  | 0.01                  | 99.98                     |
| 171.0-172.0  | 0.4                       | 0.0                | 128.5                  | 0.00                  | 99.98                     |
| 172.0-173.0  | 0.4                       | 0.0                | 128.5                  | 0.00                  | 99.99                     |
| 173.0-174.0  | 0.4                       | 0.0                | 128.5                  | 0.00                  | 99.99                     |
| 174.0-175.0  | 0.4                       | 0.0                | 128.5                  | 0.00                  | 99.99                     |
| 175.0-176.0  | 0.4                       | 0.0                | 128.5                  | 0.00                  | 100.00                    |
| 176.0-177.0  | 0.4                       | 0.0                | 128.5                  | 0.00                  | 100.00                    |
| 177.0-178.0  | 0.4                       | 0.0                | 128.5                  | 0.00                  | 100.00                    |
| 178.0-179.0  | 0.3                       | 0.0                | 128.5                  | 0.00                  | 100.00                    |
| 179.0-180.0  | 0.3                       | 0.0                | 128.5                  | 0.00                  | 100.00                    |

C Plane (°):0.0-360.0: 30.0  
 Test Lab:  
 Test Type: TYPE C  
 Temperature: 25  
 Operator: Jacky

Gamma Plane (°):0.0-180.0:1.0  
 Test Device: GPM-1800B  
 Distance: 9.028 m  
 Humidity: 60%  
 Inspector: