

Report No.:

Test Time: 2021/2/20 12:31

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: CHANNEL

Lamp Catalog: RIBBONLYTE

Number of Lamps: 1 ROWS

Luminous Width (mm): 20

Voltage: 24.0 V

Power: 5.21 W

Luminaire Description: ROUND12

Lamp Description: RB90SWS2203.030

Luminous Length (mm): 500

Luminous Height (mm): 17

Current: 0.217 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 429 lm

Downward Ratio: 97%

Horizontal Diffuse Angle(10%,50%): H119.8,H85.2

Vertical Diffuse Angle(10%,50%): V24.6,V12.6

Luminaire Efficacy Rating (LER): 82

Max. Intensity: 869.11 cd

Total Rated Lamp Lumens: 429.0 lm

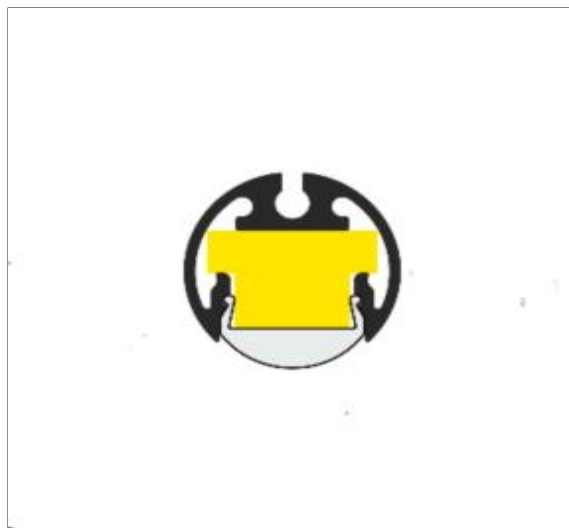
Efficiency: 100%

Upward Ratio: 3%

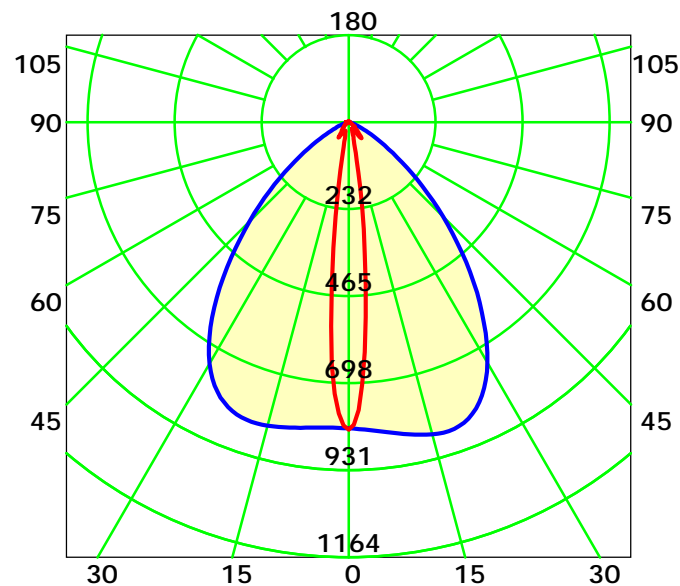
Central Intensity: 819.58 cd

Pos of Max. Intensity: H0 V18

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 48.9° Unit: cd

— C0-C180 — C90-C270

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0

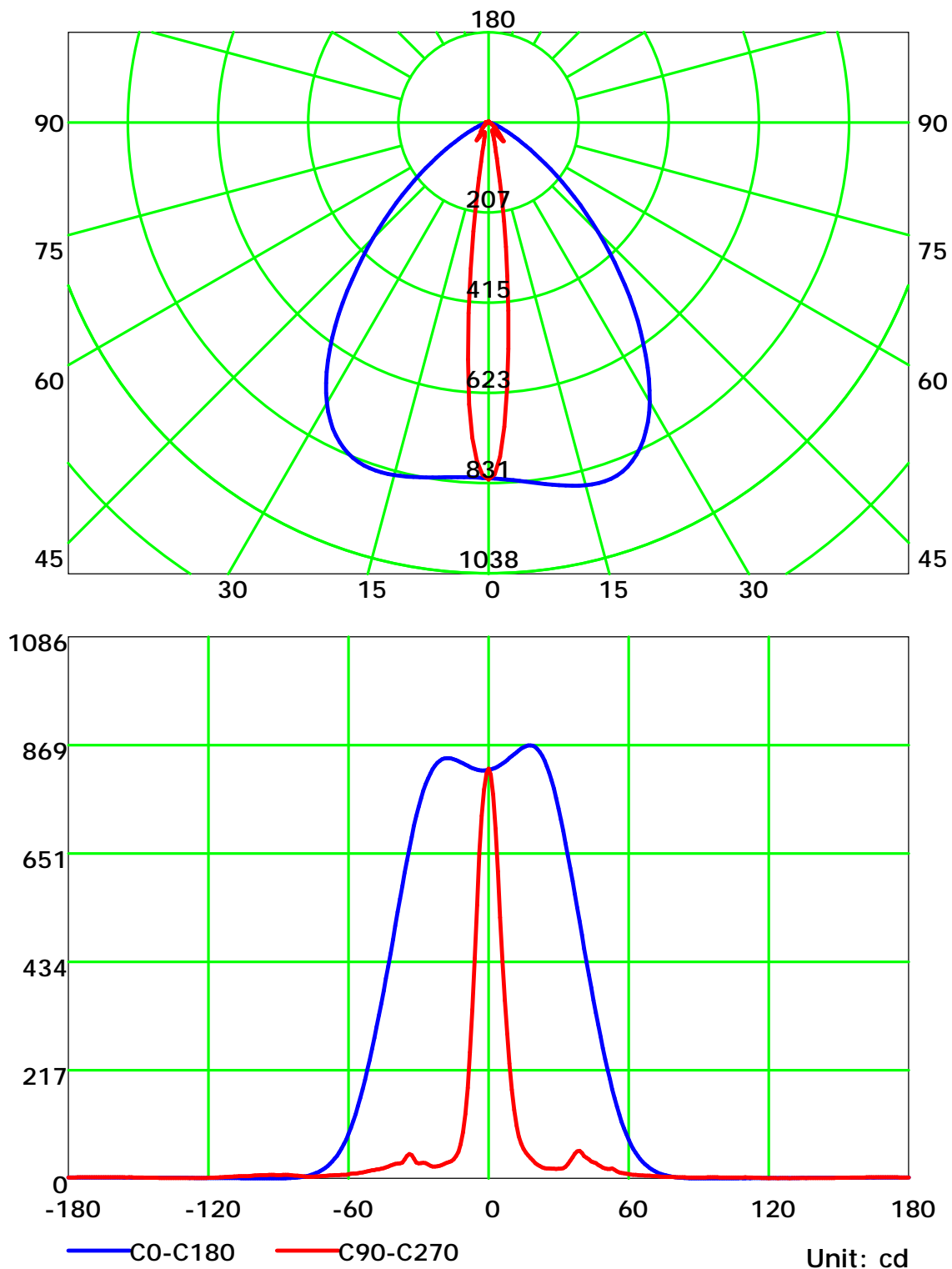
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Luminous Intensity Distribution Curve

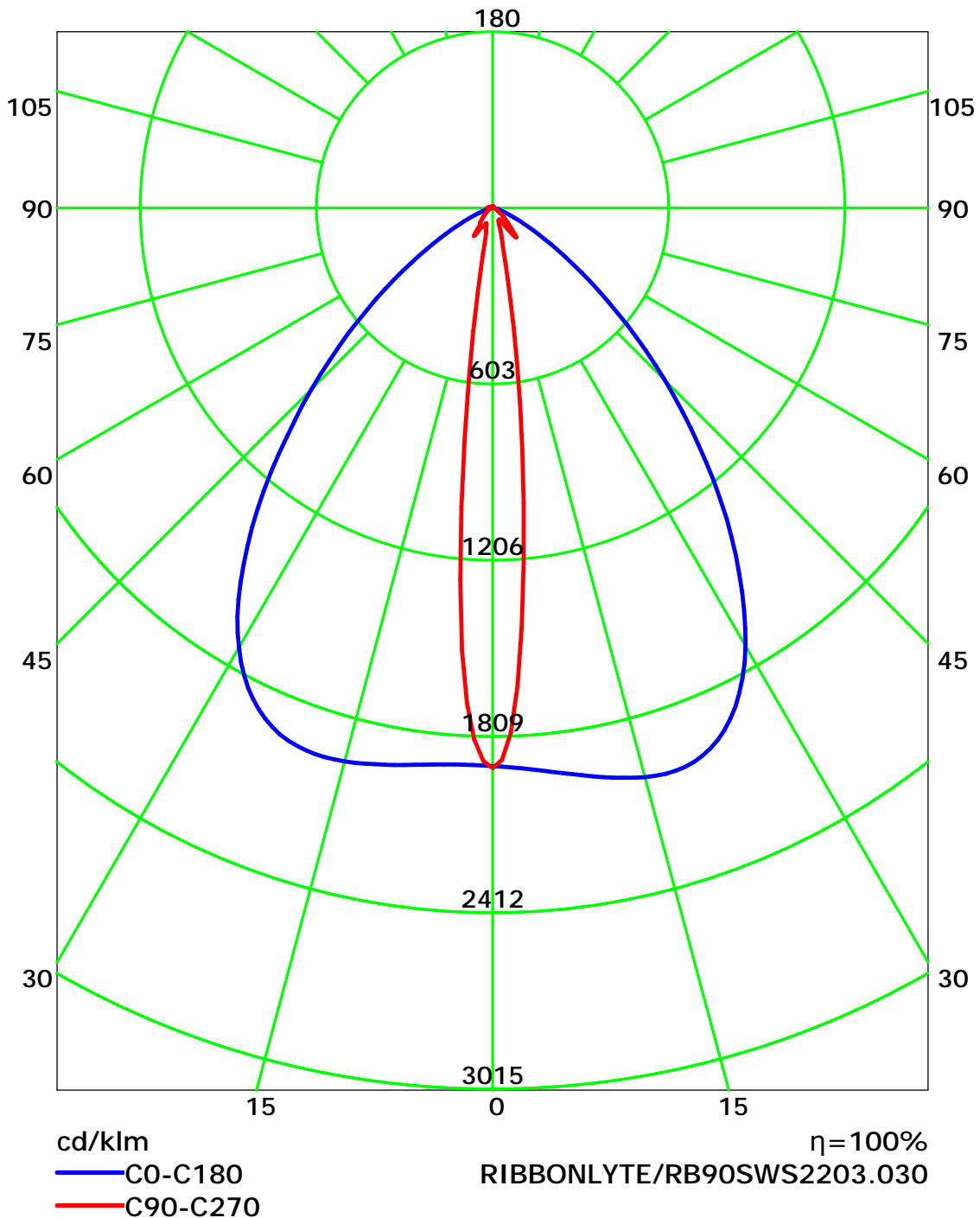


C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Nick

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: Nick

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

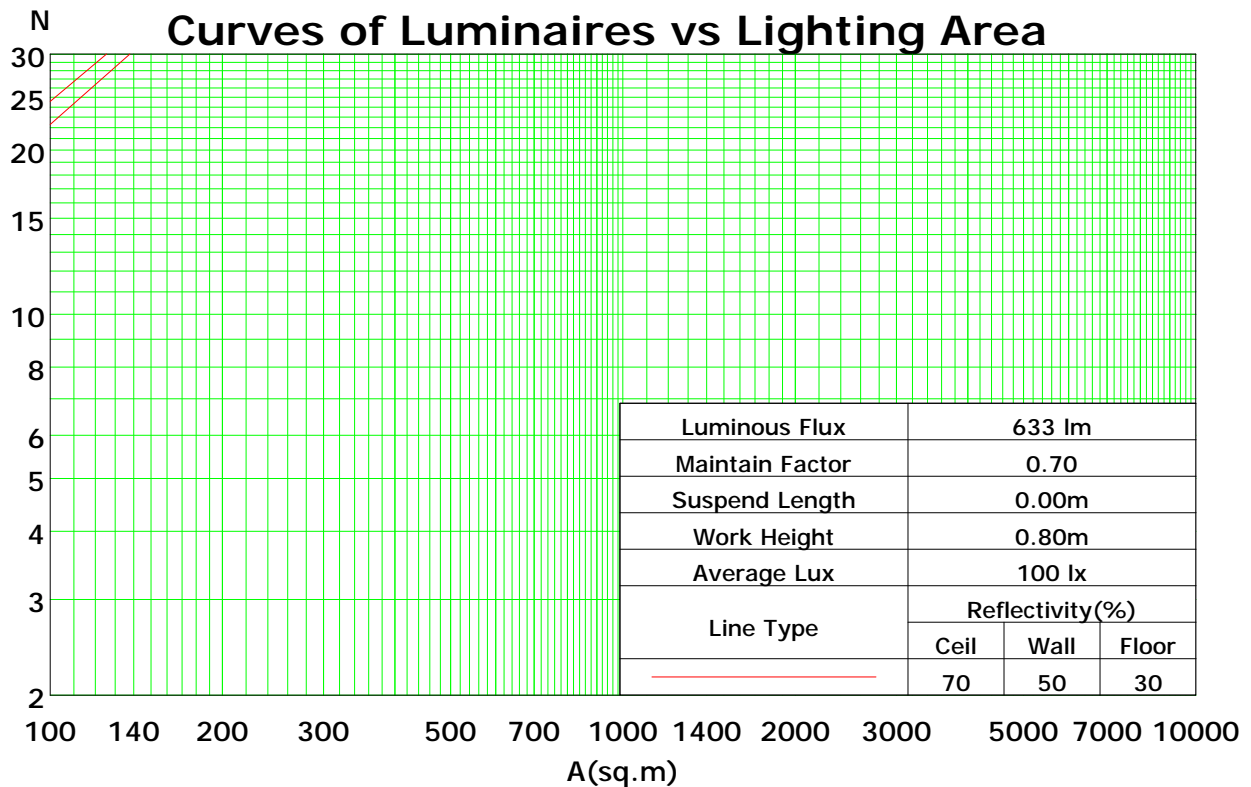
Coefficients Of Utilization - Zonal Cavity Method

| | | | | | | | | | | | | | | | | | | |
|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 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 | 118 | 118 | 118 | 118 | 115 | 115 | 115 | 115 | 109 | 109 | 109 | 104 | 104 | 104 | 99 | 99 | 99 | 97 |
| 1 | 111 | 107 | 104 | 102 | 108 | 105 | 102 | 100 | 100 | 98 | 96 | 96 | 94 | 92 | 92 | 90 | 89 | 87 |
| 2 | 104 | 98 | 93 | 89 | 101 | 96 | 91 | 87 | 92 | 88 | 85 | 88 | 85 | 82 | 85 | 82 | 80 | 78 |
| 3 | 97 | 89 | 83 | 78 | 95 | 88 | 82 | 77 | 84 | 80 | 76 | 81 | 77 | 74 | 79 | 75 | 73 | 71 |
| 4 | 91 | 82 | 75 | 70 | 89 | 81 | 74 | 69 | 78 | 72 | 68 | 75 | 71 | 67 | 73 | 69 | 66 | 64 |
| 5 | 86 | 76 | 69 | 63 | 84 | 74 | 68 | 63 | 72 | 66 | 62 | 70 | 65 | 61 | 68 | 64 | 60 | 59 |
| 6 | 81 | 70 | 63 | 58 | 79 | 69 | 62 | 58 | 67 | 61 | 57 | 65 | 60 | 56 | 64 | 59 | 56 | 54 |
| 7 | 76 | 65 | 58 | 53 | 74 | 64 | 58 | 53 | 63 | 57 | 52 | 61 | 56 | 52 | 60 | 55 | 51 | 50 |
| 8 | 72 | 61 | 54 | 49 | 70 | 60 | 54 | 49 | 59 | 53 | 49 | 57 | 52 | 48 | 56 | 51 | 48 | 46 |
| 9 | 68 | 57 | 50 | 46 | 67 | 56 | 50 | 46 | 55 | 49 | 45 | 54 | 49 | 45 | 53 | 48 | 45 | 43 |
| 10 | 65 | 54 | 47 | 43 | 63 | 53 | 47 | 43 | 52 | 46 | 42 | 51 | 46 | 42 | 50 | 45 | 42 | 40 |

Spacing Criteria (0-180): 1.28

Spacing Criteria (90-270): 0.22

Spacing Criteria (Diagonal): 0.33



C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0

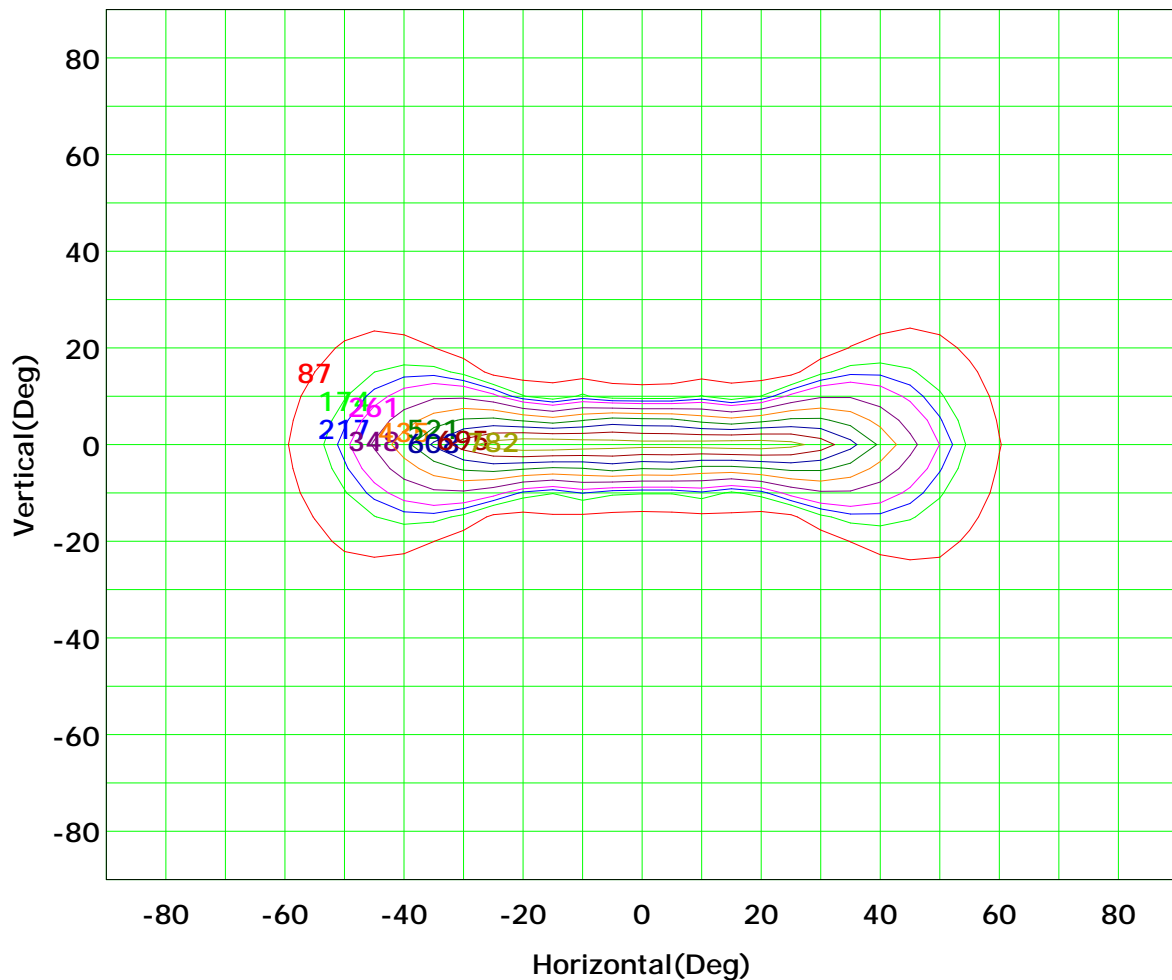
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



I_{max} (100%): 869 cd

| | |
|----------------|----------------|
| (10%): 87 cd | (20%): 174 cd |
| (25%): 217 cd | (30%): 261 cd |
| (40%): 348 cd | (50%): 435 cd |
| (60%): 521 cd | (70%): 608 cd |
| (80%): 695 cd | (90%): 782 cd |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0: 1.0

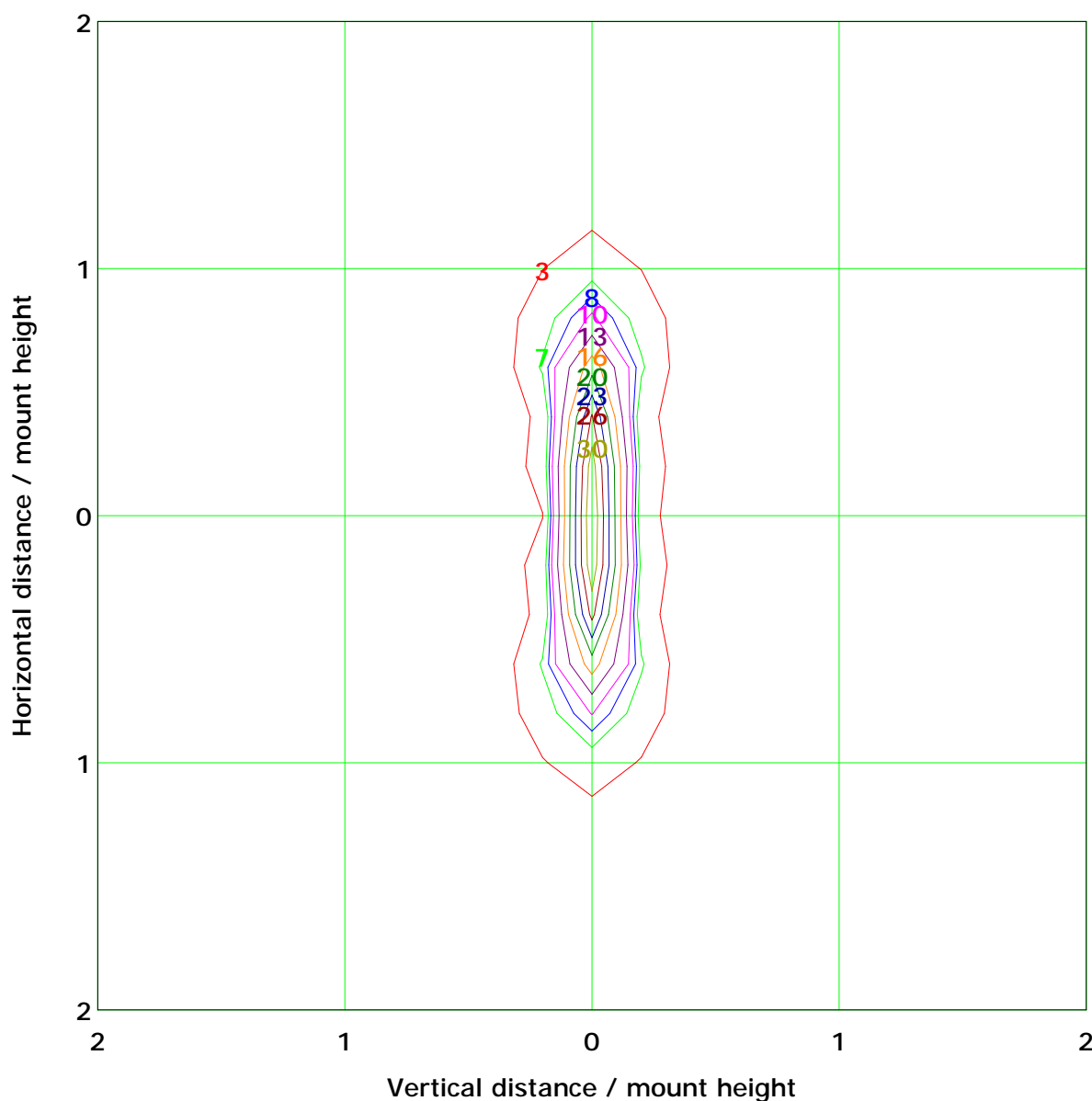
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

IsoLux Plot



| | |
|---|-----------------|
| Mounting Height: 5.0m Max Lux(100%): 32.9 lx | |
| (10%): 3.3 lx | (20%): 6.6 lx |
| (25%): 8.2 lx | (30%): 9.9 lx |
| (40%): 13.2 lx | (50%): 16.5 lx |
| (60%): 19.8 lx | (70%): 23.0 lx |
| (80%): 26.3 lx | (90%): 29.6 lx |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

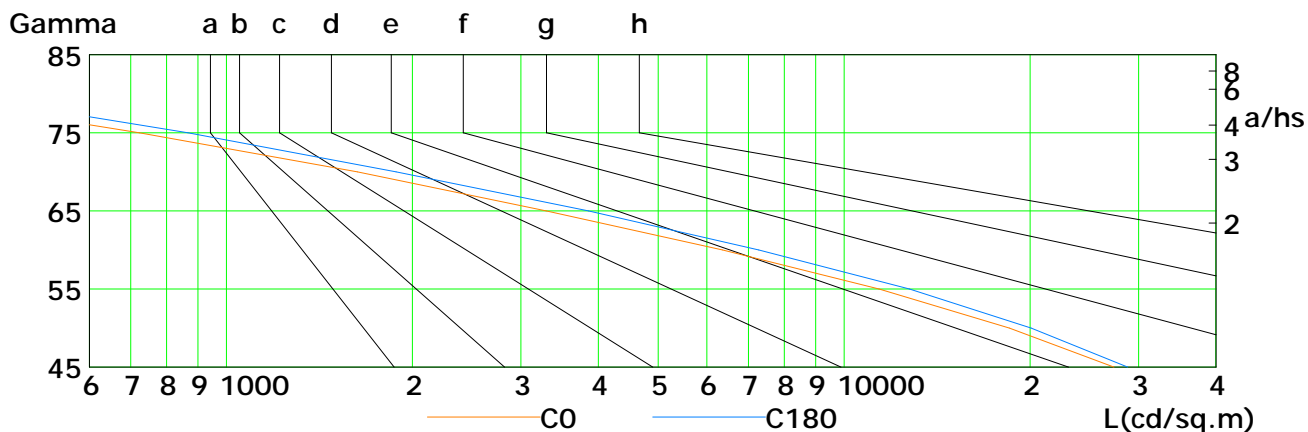
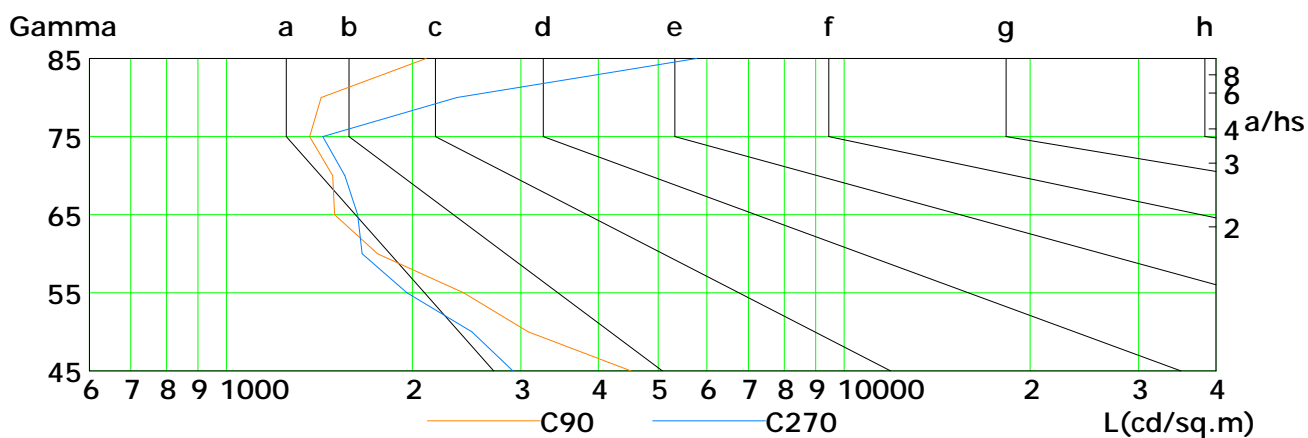
Humidity: 60%

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 | 27365 | 18516 | 11397 | 6355 | 3296 | 1629 | 723 | 298 | 135 |
| C90 | 4518 | 3080 | 2423 | 1757 | 1497 | 1487 | 1365 | 1424 | 2107 |
| C180 | 28790 | 20080 | 12757 | 7280 | 3858 | 1882 | 867 | 356 | 163 |
| C270 | 2909 | 2498 | 1960 | 1658 | 1632 | 1556 | 1433 | 2361 | 5776 |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

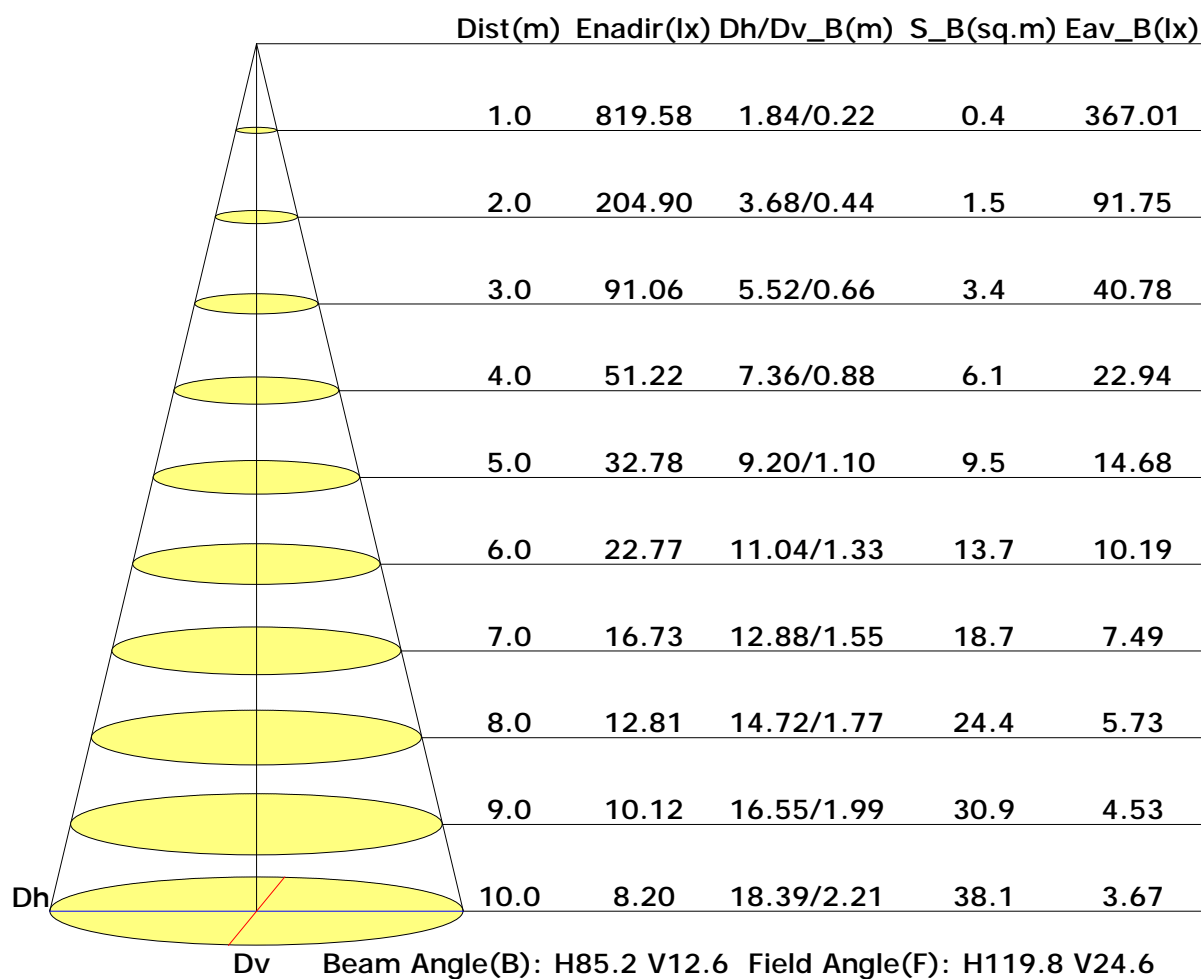
Test Device: GPM-1800B

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: Nick

Gamma Plane (°):0.0-180.0: 1.0

Test Device: GPM-1800B

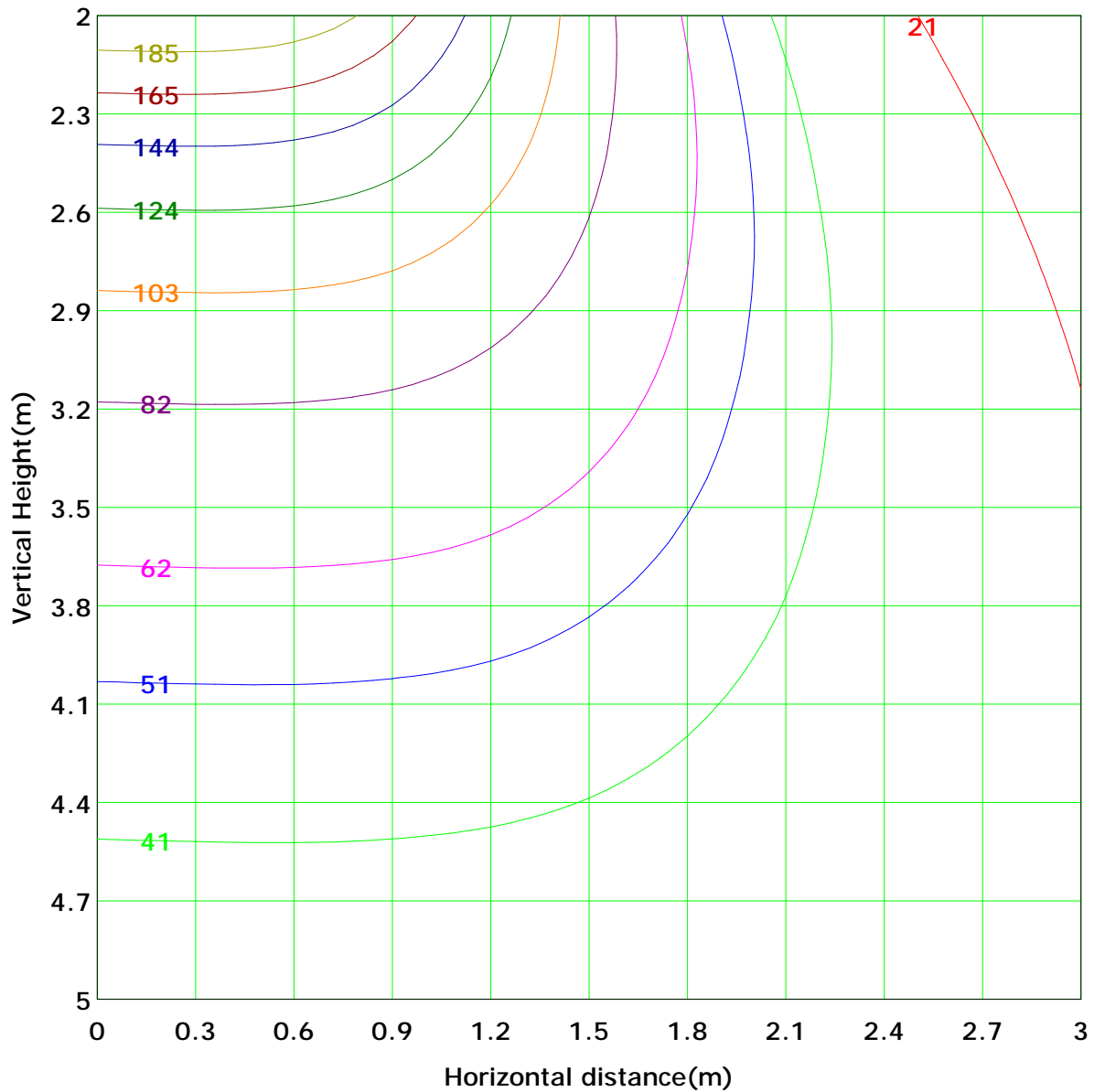
Distance: 9.028 m

Humidity: 60%

Inspector:



Vertical IsoLux Plot



| | | |
|------------------|------------------|-------------------|
| Lowest(m): 2.0m | Highest(m): 5.0m | Max Lux: 205.9 lx |
| (10%): 20.6 lx | (20%): 41.2 lx | |
| (25%): 51.5 lx | (30%): 61.8 lx | |
| (40%): 82.3 lx | (50%): 102.9 lx | |
| (60%): 123.5 lx | (70%): 144.1 lx | |
| (80%): 164.7 lx | (90%): 185.3 lx | |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Area Flux Table

Unit: lm

| Vertical plane | | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | Flux(T) | Flux(E) |
|------------------|----------------|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|-----|-----|-----|------|---------|---------|
| Horizontal plane | -90 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| | -80 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| | -70 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 0.0 |
| | -60 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 0.0 |
| | -50 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 0.0 |
| | -40 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 0.0 |
| | -30 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 0.0 |
| | -20 | 0.0 | 0.1 | 0.3 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 0.0 |
| | -10 | 0.0 | 0.1 | 0.5 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 | 2.2 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 | 3.4 | 3.6 | 3.8 | 4.0 | 0.0 |
| | 0 | 0.0 | 0.1 | 0.6 | 1.0 | 1.6 | 2.2 | 2.8 | 3.4 | 4.0 | 4.6 | 5.2 | 5.8 | 6.4 | 7.0 | 7.6 | 8.2 | 8.8 | 9.4 | 10.0 | 10.6 | 0.0 |
| | 10 | 0.0 | 0.1 | 0.6 | 1.0 | 1.6 | 2.2 | 2.8 | 3.4 | 4.0 | 4.6 | 5.2 | 5.8 | 6.4 | 7.0 | 7.6 | 8.2 | 8.8 | 9.4 | 10.0 | 10.6 | 0.0 |
| | 20 | 0.0 | 0.1 | 0.5 | 0.8 | 1.2 | 1.6 | 2.0 | 2.4 | 2.8 | 3.2 | 3.6 | 4.0 | 4.4 | 4.8 | 5.2 | 5.6 | 6.0 | 6.4 | 6.8 | 7.2 | 0.0 |
| | 30 | 0.0 | 0.1 | 0.3 | 0.5 | 0.7 | 0.9 | 1.1 | 1.3 | 1.5 | 1.7 | 1.9 | 2.1 | 2.3 | 2.5 | 2.7 | 2.9 | 3.1 | 3.3 | 3.5 | 3.7 | 0.0 |
| | 40 | 0.0 | 0.0 | 0.2 | 0.3 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 0.0 |
| | 50 | 0.0 | 0.0 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 0.0 |
| | 60 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 0.0 |
| | 70 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 0.0 |
| | 80 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| | 90 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 |
| | Flux(T) | 0.1 | 0.8 | 4.0 | 12.9 | 27.4 | 39.3 | 41.3 | 39.4 | 42.6 | 43.6 | 40.6 | 41.9 | 38.7 | 26.1 | 11.8 | 3.5 | 0.8 | 0.1 | 415 | | |
| | Flux(E) | 0.0 | 0.0 | 0.0 | 7.8 | 23.0 | 34.1 | 34.0 | 30.5 | 33.3 | 34.2 | 31.8 | 34.5 | 33.4 | 21.5 | 6.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Flux(T)Flux(E) | | | | | | | | | | | | | | | | | | | | | |
| | Flux(E) | | | | | | | | | | | | | | | | | | | | | |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

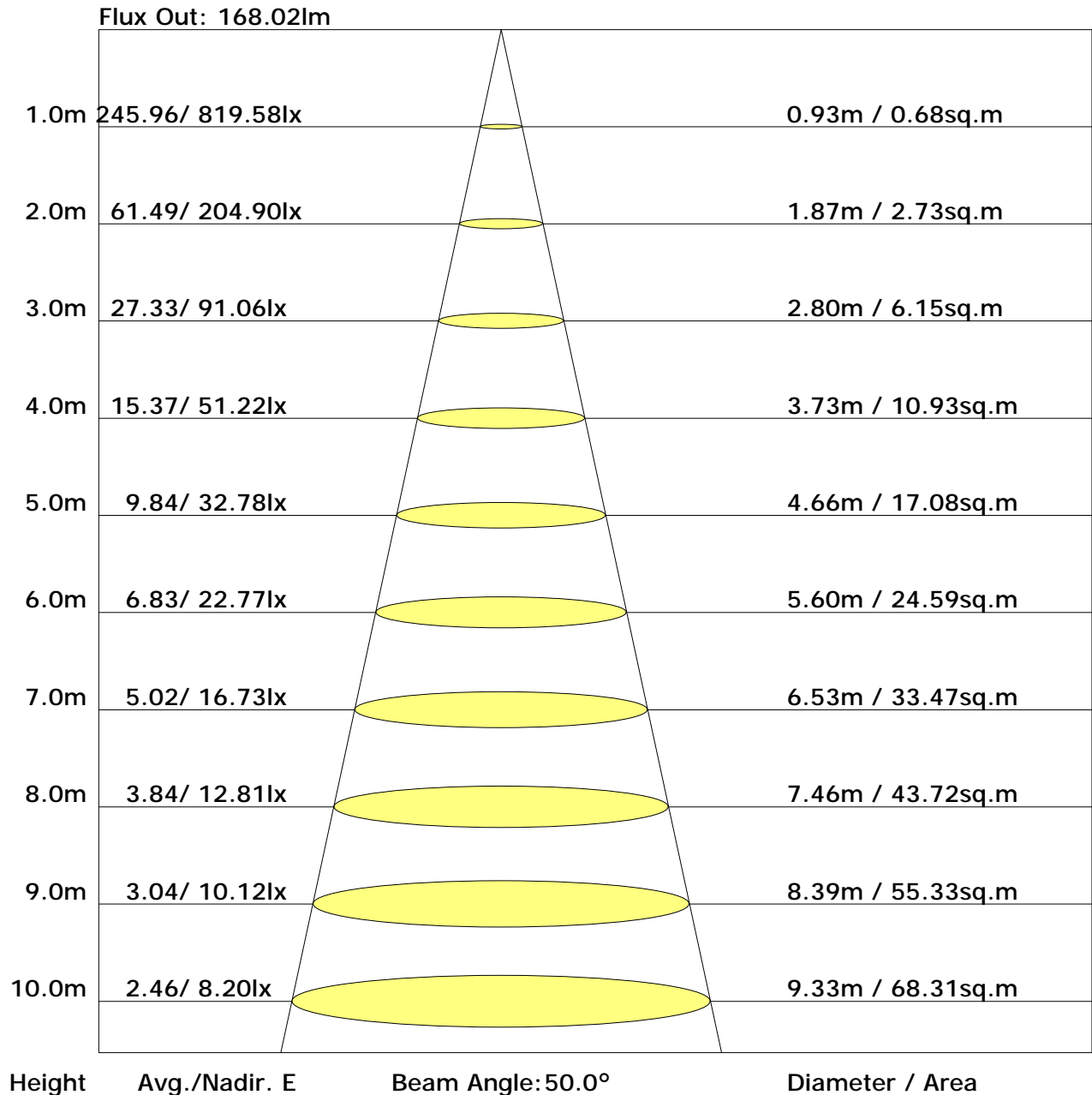
Distance: 9.028 m

Humidity: 60%

Inspector:



The Average Illuminance Effective Figure



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 | 20.7 | 21.9 | 21.1 | 22.3 | 22.7 | 8.6 | 9.8 | 9.0 | 10.2 | 10.6 |
| 3H | 21.2 | 22.3 | 21.6 | 22.7 | 23.2 | 9.7 | 10.8 | 10.1 | 11.2 | 11.6 |
| 4H | 21.3 | 22.3 | 21.7 | 22.7 | 23.2 | 10.1 | 11.1 | 10.5 | 11.5 | 12.0 |
| 6H | 21.3 | 22.2 | 21.8 | 22.7 | 23.1 | 10.4 | 11.3 | 10.9 | 11.8 | 12.2 |
| 8H | 21.3 | 22.2 | 21.8 | 22.6 | 23.1 | 10.5 | 11.4 | 11.0 | 11.9 | 12.3 |
| 12H | 21.2 | 22.1 | 21.7 | 22.5 | 23.0 | 10.6 | 11.5 | 11.1 | 11.9 | 12.4 |
| X=4H Y=2H | 20.5 | 21.5 | 20.9 | 21.9 | 22.4 | 9.2 | 10.2 | 9.7 | 10.7 | 11.1 |
| 3H | 21.0 | 21.9 | 21.5 | 22.3 | 22.8 | 10.5 | 11.3 | 11.0 | 11.8 | 12.3 |
| 4H | 21.1 | 21.9 | 21.6 | 22.4 | 22.9 | 11.1 | 11.8 | 11.5 | 12.3 | 12.8 |
| 6H | 21.2 | 21.8 | 21.7 | 22.3 | 22.9 | 11.5 | 12.2 | 12.0 | 12.7 | 13.2 |
| 8H | 21.2 | 21.8 | 21.7 | 22.3 | 22.8 | 11.7 | 12.3 | 12.2 | 12.8 | 13.3 |
| 12H | 21.2 | 21.7 | 21.7 | 22.3 | 22.8 | 11.9 | 12.4 | 12.4 | 12.9 | 13.5 |
| X=8H Y=4H | 21.0 | 21.6 | 21.5 | 22.1 | 22.7 | 11.4 | 12.0 | 11.9 | 12.5 | 13.0 |
| 6H | 21.1 | 21.6 | 21.7 | 22.2 | 22.7 | 12.0 | 12.5 | 12.6 | 13.1 | 13.6 |
| 8H | 21.2 | 21.6 | 21.7 | 22.2 | 22.7 | 12.3 | 12.7 | 12.9 | 13.3 | 13.9 |
| 12H | 21.2 | 21.6 | 21.8 | 22.2 | 22.8 | 12.6 | 13.0 | 13.2 | 13.5 | 14.2 |
| X=12H Y=4H | 21.0 | 21.5 | 21.5 | 22.1 | 22.6 | 11.4 | 12.0 | 12.0 | 12.5 | 13.0 |
| 6H | 21.1 | 21.5 | 21.7 | 22.1 | 22.7 | 12.1 | 12.6 | 12.7 | 13.1 | 13.7 |
| 8H | 21.2 | 21.6 | 21.7 | 22.1 | 22.7 | 12.5 | 12.9 | 13.1 | 13.4 | 14.1 |

Calculate in accordance with CIE 190:2010

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

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 = 0.75 | | | | | | | | |
|--|------|-------|----------------|------|------|------|------|------|------|------|------|
| Room Reflectance | | | Room Index(RI) | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |
| 0.70 | 0.50 | 0.20 | 0.71 | 0.80 | 0.86 | 0.90 | 0.96 | 1.00 | 1.02 | 1.06 | 1.08 |
| | 0.30 | | 0.65 | 0.74 | 0.80 | 0.85 | 0.91 | 0.96 | 0.99 | 1.03 | 1.05 |
| | 0.20 | | 0.61 | 0.70 | 0.76 | 0.81 | 0.88 | 0.92 | 0.95 | 1.00 | 1.03 |
| 0.50 | 0.50 | 0.20 | 0.70 | 0.78 | 0.83 | 0.87 | 0.93 | 0.96 | 0.98 | 1.01 | 1.03 |
| | 0.30 | | 0.64 | 0.73 | 0.79 | 0.83 | 0.89 | 0.92 | 0.95 | 0.99 | 1.01 |
| | 0.20 | | 0.60 | 0.69 | 0.75 | 0.79 | 0.85 | 0.90 | 0.92 | 0.97 | 0.99 |
| 0.30 | 0.50 | 0.20 | 0.68 | 0.76 | 0.81 | 0.85 | 0.89 | 0.92 | 0.94 | 0.97 | 0.99 |
| | 0.30 | | 0.63 | 0.71 | 0.77 | 0.81 | 0.86 | 0.90 | 0.92 | 0.95 | 0.97 |
| | 0.20 | | 0.60 | 0.68 | 0.74 | 0.78 | 0.83 | 0.87 | 0.90 | 0.93 | 0.95 |
| 0.00 | 0.00 | 0.00 | 0.57 | 0.65 | 0.71 | 0.74 | 0.80 | 0.83 | 0.85 | 0.88 | 0.90 |
| Rating:5W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980 | | | | | | | | | | | |

Utilisation Factor Table(Wall)

| Utilisation Factors UF(W) | | | SHR NOM = 0.75 | | | | | | | | | |
|--|------|-------|----------------|------|------|------|------|------|------|------|------|--|
| Room Reflectance | | | Room Index(RI) | | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | |
| 0.70 | 0.50 | 0.20 | 0.79 | 0.64 | 0.54 | 0.46 | 0.37 | 0.30 | 0.26 | 0.20 | 0.16 | |
| | 0.30 | | 0.66 | 0.55 | 0.47 | 0.41 | 0.33 | 0.28 | 0.24 | 0.19 | 0.16 | |
| | 0.20 | | 0.56 | 0.48 | 0.42 | 0.37 | 0.30 | 0.26 | 0.22 | 0.18 | 0.15 | |
| 0.50 | 0.50 | 0.20 | 0.75 | 0.60 | 0.51 | 0.44 | 0.34 | 0.32 | 0.24 | 0.19 | 0.15 | |
| | 0.30 | | 0.63 | 0.52 | 0.45 | 0.39 | 0.31 | 0.26 | 0.22 | 0.18 | 0.14 | |
| | 0.20 | | 0.55 | 0.46 | 0.40 | 0.35 | 0.29 | 0.24 | 0.21 | 0.17 | 0.14 | |
| 0.30 | 0.50 | 0.20 | 0.72 | 0.57 | 0.48 | 0.41 | 0.32 | 0.26 | 0.22 | 0.17 | 0.14 | |
| | 0.30 | | 0.61 | 0.50 | 0.43 | 0.37 | 0.30 | 0.25 | 0.21 | 0.16 | 0.14 | |
| | 0.20 | | 0.54 | 0.45 | 0.39 | 0.34 | 0.27 | 0.23 | 0.20 | 0.16 | 0.13 | |
| 0.00 | 0.00 | 0.00 | 0.41 | 0.33 | 0.28 | 0.24 | 0.19 | 0.16 | 0.13 | 0.10 | 0.09 | |
| Rating:5W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980 | | | | | | | | | | | | |

Utilisation Factor Table(Ceiling cavity)

| Utilisation Factors UF(C) | | | SHR NOM = 0.75 | | | | | | | | |
|--|------|-------|----------------|------|------|------|------|------|------|------|------|
| Room Reflectance | | | Room Index(RI) | | | | | | | | |
| Ceiling | Wall | Floor | 0.75 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 |
| 0.70 | 0.50 | 0.20 | 0.18 | 0.19 | 0.20 | 0.21 | 0.22 | 0.23 | 0.23 | 0.24 | 0.25 |
| | 0.30 | | 0.12 | 0.14 | 0.16 | 0.17 | 0.18 | 0.20 | 0.21 | 0.22 | 0.23 |
| | 0.20 | | 0.09 | 0.10 | 0.12 | 0.13 | 0.15 | 0.17 | 0.18 | 0.20 | 0.21 |
| 0.50 | 0.50 | 0.20 | 0.17 | 0.18 | 0.19 | 0.20 | 0.21 | 0.22 | 0.22 | 0.23 | 0.24 |
| | 0.30 | | 0.12 | 0.14 | 0.15 | 0.16 | 0.18 | 0.19 | 0.20 | 0.21 | 0.22 |
| | 0.20 | | 0.08 | 0.10 | 0.12 | 0.13 | 0.15 | 0.17 | 0.18 | 0.19 | 0.20 |
| 0.30 | 0.50 | 0.20 | 0.17 | 0.18 | 0.19 | 0.19 | 0.20 | 0.21 | 0.22 | 0.22 | 0.23 |
| | 0.30 | | 0.12 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.21 |
| | 0.20 | | 0.08 | 0.10 | 0.12 | 0.13 | 0.15 | 0.16 | 0.17 | 0.19 | 0.20 |
| 0.00 | 0.00 | 0.00 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 |
| Rating:5W Photometrically tested without ceiling board. Multiply UF values by service correction factors Calculate in accordance with CIBSE Technical Memorandum NO.5 1980 | | | | | | | | | | | |

Zonal Lumen

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 0.0-1.0 | 818.9 | 0.8 | 0.8 | 0.18 | 0.18 |
| 1.0-2.0 | 807.4 | 2.3 | 3.1 | 0.54 | 0.72 |
| 2.0-3.0 | 784.1 | 3.8 | 6.9 | 0.87 | 1.60 |
| 3.0-4.0 | 748.7 | 5.0 | 11.9 | 1.17 | 2.77 |
| 4.0-5.0 | 702.6 | 6.0 | 17.9 | 1.41 | 4.17 |
| 5.0-6.0 | 649.0 | 6.8 | 24.7 | 1.59 | 5.76 |
| 6.0-7.0 | 592.1 | 7.3 | 32.1 | 1.71 | 7.48 |
| 7.0-8.0 | 536.5 | 7.7 | 39.8 | 1.79 | 9.27 |
| 8.0-9.0 | 484.4 | 7.9 | 47.6 | 1.83 | 11.10 |
| 9.0-10.0 | 436.3 | 7.9 | 55.5 | 1.84 | 12.94 |
| 10.0-11.0 | 392.9 | 7.9 | 63.4 | 1.83 | 14.77 |
| 11.0-12.0 | 354.7 | 7.8 | 71.1 | 1.81 | 16.58 |
| 12.0-13.0 | 322.1 | 7.6 | 78.8 | 1.78 | 18.36 |
| 13.0-14.0 | 295.1 | 7.6 | 86.3 | 1.76 | 20.12 |
| 14.0-15.0 | 272.6 | 7.5 | 93.8 | 1.74 | 21.86 |
| 15.0-16.0 | 253.4 | 7.4 | 101.2 | 1.73 | 23.59 |
| 16.0-17.0 | 237.0 | 7.4 | 108.6 | 1.72 | 25.31 |
| 17.0-18.0 | 223.0 | 7.4 | 116.0 | 1.71 | 27.03 |
| 18.0-19.0 | 210.9 | 7.3 | 123.3 | 1.71 | 28.74 |
| 19.0-20.0 | 200.5 | 7.3 | 130.6 | 1.71 | 30.45 |
| 20.0-21.0 | 191.5 | 7.4 | 138.0 | 1.71 | 32.16 |
| 21.0-22.0 | 184.0 | 7.4 | 145.4 | 1.72 | 33.89 |
| 22.0-23.0 | 177.7 | 7.5 | 152.8 | 1.74 | 35.63 |
| 23.0-24.0 | 172.4 | 7.5 | 160.4 | 1.76 | 37.38 |
| 24.0-25.0 | 167.9 | 7.6 | 168.0 | 1.78 | 39.16 |
| 25.0-26.0 | 164.0 | 7.7 | 175.8 | 1.80 | 40.97 |
| 26.0-27.0 | 160.6 | 7.9 | 183.6 | 1.83 | 42.80 |
| 27.0-28.0 | 157.4 | 8.0 | 191.6 | 1.86 | 44.66 |
| 28.0-29.0 | 154.1 | 8.1 | 199.7 | 1.88 | 46.54 |
| 29.0-30.0 | 150.5 | 8.1 | 207.8 | 1.89 | 48.43 |
| 30.0-31.0 | 146.5 | 8.2 | 215.9 | 1.90 | 50.33 |
| 31.0-32.0 | 142.7 | 8.2 | 224.1 | 1.91 | 52.24 |
| 32.0-33.0 | 139.3 | 8.2 | 232.3 | 1.91 | 54.15 |
| 33.0-34.0 | 136.0 | 8.2 | 240.5 | 1.92 | 56.07 |
| 34.0-35.0 | 132.9 | 8.3 | 248.8 | 1.92 | 57.99 |
| 35.0-36.0 | 129.7 | 8.3 | 257.1 | 1.92 | 59.92 |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Zonal Lumen (Continue 1)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 36.0-37.0 | 125.9 | 8.2 | 265.3 | 1.91 | 61.83 |
| 37.0-38.0 | 121.9 | 8.1 | 273.4 | 1.90 | 63.73 |
| 38.0-39.0 | 117.5 | 8.0 | 281.4 | 1.87 | 65.60 |
| 39.0-40.0 | 112.7 | 7.9 | 289.3 | 1.83 | 67.43 |
| 40.0-41.0 | 107.5 | 7.7 | 297.0 | 1.78 | 69.22 |
| 41.0-42.0 | 102.4 | 7.4 | 304.4 | 1.73 | 70.95 |
| 42.0-43.0 | 97.4 | 7.2 | 311.6 | 1.68 | 72.63 |
| 43.0-44.0 | 92.0 | 6.9 | 318.5 | 1.62 | 74.25 |
| 44.0-45.0 | 86.3 | 6.6 | 325.2 | 1.55 | 75.80 |
| 45.0-46.0 | 80.8 | 6.3 | 331.5 | 1.47 | 77.27 |
| 46.0-47.0 | 75.7 | 6.0 | 337.5 | 1.40 | 78.67 |
| 47.0-48.0 | 70.9 | 5.7 | 343.3 | 1.34 | 80.01 |
| 48.0-49.0 | 66.1 | 5.4 | 348.7 | 1.27 | 81.28 |
| 49.0-50.0 | 61.2 | 5.1 | 353.8 | 1.19 | 82.47 |
| 50.0-51.0 | 56.6 | 4.8 | 358.6 | 1.12 | 83.58 |
| 51.0-52.0 | 52.6 | 4.5 | 363.1 | 1.05 | 84.63 |
| 52.0-53.0 | 49.0 | 4.3 | 367.4 | 0.99 | 85.63 |
| 53.0-54.0 | 45.2 | 4.0 | 371.3 | 0.93 | 86.56 |
| 54.0-55.0 | 41.4 | 3.7 | 375.0 | 0.86 | 87.42 |
| 55.0-56.0 | 37.7 | 3.4 | 378.5 | 0.79 | 88.21 |
| 56.0-57.0 | 33.9 | 3.1 | 381.6 | 0.72 | 88.94 |
| 57.0-58.0 | 30.5 | 2.8 | 384.4 | 0.66 | 89.59 |
| 58.0-59.0 | 27.6 | 2.6 | 387.0 | 0.60 | 90.19 |
| 59.0-60.0 | 24.8 | 2.3 | 389.3 | 0.55 | 90.74 |
| 60.0-61.0 | 22.3 | 2.1 | 391.4 | 0.50 | 91.24 |
| 61.0-62.0 | 20.0 | 1.9 | 393.4 | 0.45 | 91.69 |
| 62.0-63.0 | 18.1 | 1.8 | 395.1 | 0.41 | 92.10 |
| 63.0-64.0 | 16.4 | 1.6 | 396.7 | 0.37 | 92.47 |
| 64.0-65.0 | 14.8 | 1.5 | 398.2 | 0.34 | 92.81 |
| 65.0-66.0 | 13.3 | 1.3 | 399.5 | 0.31 | 93.12 |
| 66.0-67.0 | 12.0 | 1.2 | 400.7 | 0.28 | 93.40 |
| 67.0-68.0 | 10.8 | 1.1 | 401.8 | 0.25 | 93.66 |
| 68.0-69.0 | 9.8 | 1.0 | 402.8 | 0.23 | 93.89 |
| 69.0-70.0 | 9.0 | 0.9 | 403.7 | 0.22 | 94.11 |
| 70.0-71.0 | 8.3 | 0.9 | 404.6 | 0.20 | 94.30 |
| 71.0-72.0 | 7.6 | 0.8 | 405.4 | 0.19 | 94.49 |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Zonal Lumen (Continue 2)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 72.0-73.0 | 7.1 | 0.7 | 406.1 | 0.17 | 94.66 |
| 73.0-74.0 | 6.6 | 0.7 | 406.8 | 0.16 | 94.82 |
| 74.0-75.0 | 6.2 | 0.7 | 407.5 | 0.15 | 94.98 |
| 75.0-76.0 | 5.8 | 0.6 | 408.1 | 0.14 | 95.12 |
| 76.0-77.0 | 5.5 | 0.6 | 408.7 | 0.14 | 95.26 |
| 77.0-78.0 | 5.2 | 0.6 | 409.2 | 0.13 | 95.39 |
| 78.0-79.0 | 4.9 | 0.5 | 409.8 | 0.12 | 95.51 |
| 79.0-80.0 | 4.7 | 0.5 | 410.3 | 0.12 | 95.63 |
| 80.0-81.0 | 4.5 | 0.5 | 410.8 | 0.11 | 95.74 |
| 81.0-82.0 | 4.4 | 0.5 | 411.2 | 0.11 | 95.85 |
| 82.0-83.0 | 4.3 | 0.5 | 411.7 | 0.11 | 95.96 |
| 83.0-84.0 | 4.3 | 0.5 | 412.2 | 0.11 | 96.07 |
| 84.0-85.0 | 4.3 | 0.5 | 412.6 | 0.11 | 96.18 |
| 85.0-86.0 | 4.3 | 0.5 | 413.1 | 0.11 | 96.29 |
| 86.0-87.0 | 4.3 | 0.5 | 413.6 | 0.11 | 96.40 |
| 87.0-88.0 | 4.3 | 0.5 | 414.0 | 0.11 | 96.51 |
| 88.0-89.0 | 4.3 | 0.5 | 414.5 | 0.11 | 96.62 |
| 89.0-90.0 | 4.2 | 0.5 | 415.0 | 0.11 | 96.73 |
| 90.0-91.0 | 4.2 | 0.5 | 415.4 | 0.11 | 96.83 |
| 91.0-92.0 | 4.1 | 0.5 | 415.9 | 0.11 | 96.94 |
| 92.0-93.0 | 4.1 | 0.4 | 416.3 | 0.10 | 97.04 |
| 93.0-94.0 | 4.0 | 0.4 | 416.8 | 0.10 | 97.15 |
| 94.0-95.0 | 4.0 | 0.4 | 417.2 | 0.10 | 97.25 |
| 95.0-96.0 | 4.0 | 0.4 | 417.6 | 0.10 | 97.35 |
| 96.0-97.0 | 4.0 | 0.4 | 418.1 | 0.10 | 97.45 |
| 97.0-98.0 | 4.0 | 0.4 | 418.5 | 0.10 | 97.55 |
| 98.0-99.0 | 3.9 | 0.4 | 418.9 | 0.10 | 97.65 |
| 99.0-100.0 | 3.6 | 0.4 | 419.3 | 0.09 | 97.74 |
| 100.0-101.0 | 3.2 | 0.3 | 419.7 | 0.08 | 97.82 |
| 101.0-102.0 | 2.9 | 0.3 | 420.0 | 0.07 | 97.89 |
| 102.0-103.0 | 2.6 | 0.3 | 420.3 | 0.07 | 97.96 |
| 103.0-104.0 | 2.4 | 0.3 | 420.5 | 0.06 | 98.02 |
| 104.0-105.0 | 2.3 | 0.2 | 420.8 | 0.06 | 98.08 |
| 105.0-106.0 | 2.2 | 0.2 | 421.0 | 0.05 | 98.13 |
| 106.0-107.0 | 2.1 | 0.2 | 421.2 | 0.05 | 98.18 |
| 107.0-108.0 | 2.0 | 0.2 | 421.4 | 0.05 | 98.23 |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Zonal Lumen (Continue 3)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 108.0-109.0 | 1.9 | 0.2 | 421.6 | 0.05 | 98.27 |
| 109.0-110.0 | 1.8 | 0.2 | 421.8 | 0.04 | 98.32 |
| 110.0-111.0 | 1.7 | 0.2 | 422.0 | 0.04 | 98.36 |
| 111.0-112.0 | 1.7 | 0.2 | 422.2 | 0.04 | 98.40 |
| 112.0-113.0 | 1.6 | 0.2 | 422.3 | 0.04 | 98.44 |
| 113.0-114.0 | 1.5 | 0.2 | 422.5 | 0.04 | 98.47 |
| 114.0-115.0 | 1.5 | 0.1 | 422.6 | 0.03 | 98.51 |
| 115.0-116.0 | 1.4 | 0.1 | 422.8 | 0.03 | 98.54 |
| 116.0-117.0 | 1.4 | 0.1 | 422.9 | 0.03 | 98.57 |
| 117.0-118.0 | 1.3 | 0.1 | 423.0 | 0.03 | 98.60 |
| 118.0-119.0 | 1.3 | 0.1 | 423.2 | 0.03 | 98.63 |
| 119.0-120.0 | 1.3 | 0.1 | 423.3 | 0.03 | 98.66 |
| 120.0-121.0 | 1.3 | 0.1 | 423.4 | 0.03 | 98.69 |
| 121.0-122.0 | 1.3 | 0.1 | 423.5 | 0.03 | 98.72 |
| 122.0-123.0 | 1.3 | 0.1 | 423.6 | 0.03 | 98.74 |
| 123.0-124.0 | 1.3 | 0.1 | 423.7 | 0.03 | 98.77 |
| 124.0-125.0 | 1.3 | 0.1 | 423.9 | 0.03 | 98.80 |
| 125.0-126.0 | 1.3 | 0.1 | 424.0 | 0.03 | 98.83 |
| 126.0-127.0 | 1.3 | 0.1 | 424.1 | 0.03 | 98.85 |
| 127.0-128.0 | 1.4 | 0.1 | 424.2 | 0.03 | 98.88 |
| 128.0-129.0 | 1.4 | 0.1 | 424.3 | 0.03 | 98.91 |
| 129.0-130.0 | 1.4 | 0.1 | 424.5 | 0.03 | 98.93 |
| 130.0-131.0 | 1.4 | 0.1 | 424.6 | 0.03 | 98.96 |
| 131.0-132.0 | 1.4 | 0.1 | 424.7 | 0.03 | 98.99 |
| 132.0-133.0 | 1.5 | 0.1 | 424.8 | 0.03 | 99.02 |
| 133.0-134.0 | 1.5 | 0.1 | 424.9 | 0.03 | 99.04 |
| 134.0-135.0 | 1.5 | 0.1 | 425.0 | 0.03 | 99.07 |
| 135.0-136.0 | 1.6 | 0.1 | 425.2 | 0.03 | 99.10 |
| 136.0-137.0 | 1.6 | 0.1 | 425.3 | 0.03 | 99.13 |
| 137.0-138.0 | 1.6 | 0.1 | 425.4 | 0.03 | 99.16 |
| 138.0-139.0 | 1.7 | 0.1 | 425.5 | 0.03 | 99.19 |
| 139.0-140.0 | 1.7 | 0.1 | 425.6 | 0.03 | 99.21 |
| 140.0-141.0 | 1.8 | 0.1 | 425.8 | 0.03 | 99.24 |
| 141.0-142.0 | 1.8 | 0.1 | 425.9 | 0.03 | 99.27 |
| 142.0-143.0 | 1.9 | 0.1 | 426.0 | 0.03 | 99.30 |
| 143.0-144.0 | 1.9 | 0.1 | 426.1 | 0.03 | 99.33 |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Zonal Lumen (Continue 4)

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 144.0-145.0 | 1.9 | 0.1 | 426.3 | 0.03 | 99.36 |
| 145.0-146.0 | 2.0 | 0.1 | 426.4 | 0.03 | 99.39 |
| 146.0-147.0 | 2.1 | 0.1 | 426.5 | 0.03 | 99.42 |
| 147.0-148.0 | 2.1 | 0.1 | 426.6 | 0.03 | 99.45 |
| 148.0-149.0 | 2.2 | 0.1 | 426.8 | 0.03 | 99.47 |
| 149.0-150.0 | 2.2 | 0.1 | 426.9 | 0.03 | 99.50 |
| 150.0-151.0 | 2.3 | 0.1 | 427.0 | 0.03 | 99.53 |
| 151.0-152.0 | 2.3 | 0.1 | 427.1 | 0.03 | 99.56 |
| 152.0-153.0 | 2.4 | 0.1 | 427.3 | 0.03 | 99.59 |
| 153.0-154.0 | 2.4 | 0.1 | 427.4 | 0.03 | 99.61 |
| 154.0-155.0 | 2.4 | 0.1 | 427.5 | 0.03 | 99.64 |
| 155.0-156.0 | 2.5 | 0.1 | 427.6 | 0.03 | 99.67 |
| 156.0-157.0 | 2.5 | 0.1 | 427.7 | 0.03 | 99.69 |
| 157.0-158.0 | 2.5 | 0.1 | 427.8 | 0.02 | 99.72 |
| 158.0-159.0 | 2.6 | 0.1 | 427.9 | 0.02 | 99.74 |
| 159.0-160.0 | 2.6 | 0.1 | 428.0 | 0.02 | 99.76 |
| 160.0-161.0 | 2.6 | 0.1 | 428.1 | 0.02 | 99.79 |
| 161.0-162.0 | 2.7 | 0.1 | 428.2 | 0.02 | 99.81 |
| 162.0-163.0 | 2.7 | 0.1 | 428.3 | 0.02 | 99.83 |
| 163.0-164.0 | 2.7 | 0.1 | 428.4 | 0.02 | 99.85 |
| 164.0-165.0 | 2.7 | 0.1 | 428.5 | 0.02 | 99.87 |
| 165.0-166.0 | 2.7 | 0.1 | 428.5 | 0.02 | 99.88 |
| 166.0-167.0 | 2.7 | 0.1 | 428.6 | 0.02 | 99.90 |
| 167.0-168.0 | 2.7 | 0.1 | 428.7 | 0.01 | 99.92 |
| 168.0-169.0 | 2.7 | 0.1 | 428.7 | 0.01 | 99.93 |
| 169.0-170.0 | 2.7 | 0.1 | 428.8 | 0.01 | 99.94 |
| 170.0-171.0 | 2.7 | 0.0 | 428.8 | 0.01 | 99.95 |
| 171.0-172.0 | 2.7 | 0.0 | 428.9 | 0.01 | 99.96 |
| 172.0-173.0 | 2.7 | 0.0 | 428.9 | 0.01 | 99.97 |
| 173.0-174.0 | 2.6 | 0.0 | 428.9 | 0.01 | 99.98 |
| 174.0-175.0 | 2.6 | 0.0 | 429.0 | 0.01 | 99.99 |
| 175.0-176.0 | 2.6 | 0.0 | 429.0 | 0.01 | 99.99 |
| 176.0-177.0 | 2.6 | 0.0 | 429.0 | 0.00 | 99.99 |
| 177.0-178.0 | 2.5 | 0.0 | 429.0 | 0.00 | 100.00 |
| 178.0-179.0 | 2.5 | 0.0 | 429.0 | 0.00 | 100.00 |
| 179.0-180.0 | 2.5 | 0.0 | 429.0 | 0.00 | 100.00 |

C Plane (°):0.0-360.0: 30.0

Test Lab:

Test Type: TYPE C

Temperature: 25

Operator: Nick

Gamma Plane (°):0.0-180.0:1.0

Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector: