

Report No.:

Test Time: 2023/2/21 17:28

Luminaire Property

Luminaire Manufacturer: ACOLYTE

Luminaire Category: WALL WASHER

Luminaire Description: FORTEACNS12RGBW4030-WHITE ON

Luminous Length (mm): 330

Luminous Width (mm): 96

Luminous Height (mm): 162.5

Voltage: 219.3 V

Current: 0.106 A

Power: 9.57 W

Power Factor: 0.412

Photometric Results

CIE Class: Direct

Measurement Flux: 412.7 lm

Downward Ratio: 97%

Horizontal Diffuse Angle(10%,50%): H83.3,H31.3

Vertical Diffuse Angle(10%,50%): V73.1,V31.8

Luminaire Efficacy Rating (LER): 43

Max. Intensity: 732.31 cd

Total Rated Lamp Lumens: 412.7 lm

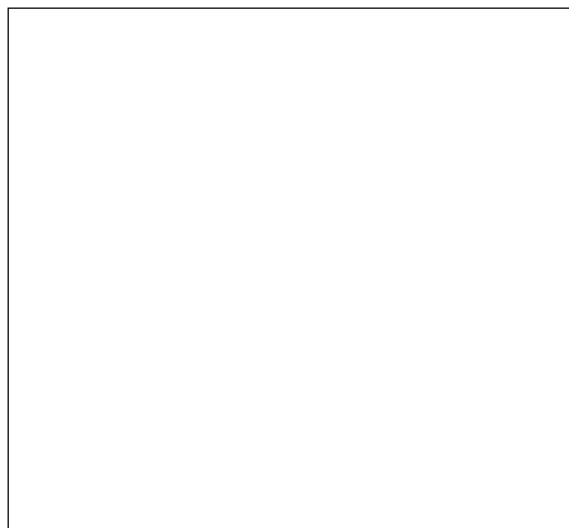
Efficiency: 100%

Upward Ratio: 3%

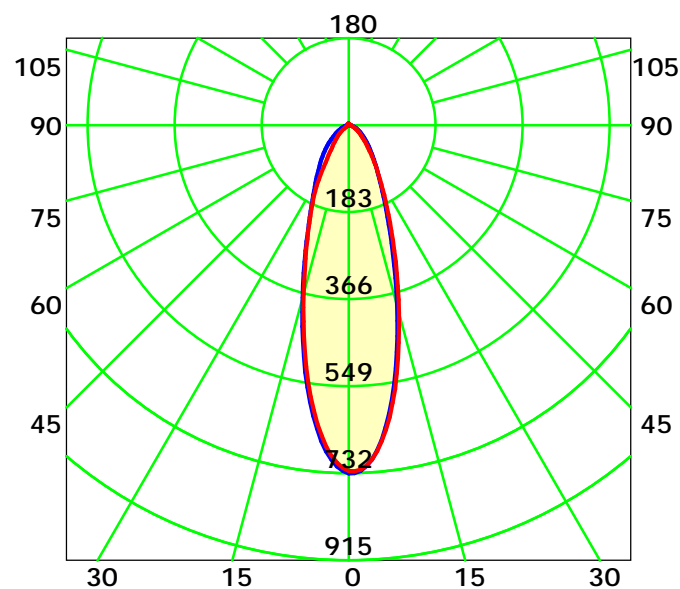
Central Intensity: 732.31 cd

Pos of Max. Intensity: H0 V0

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 31.6° 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

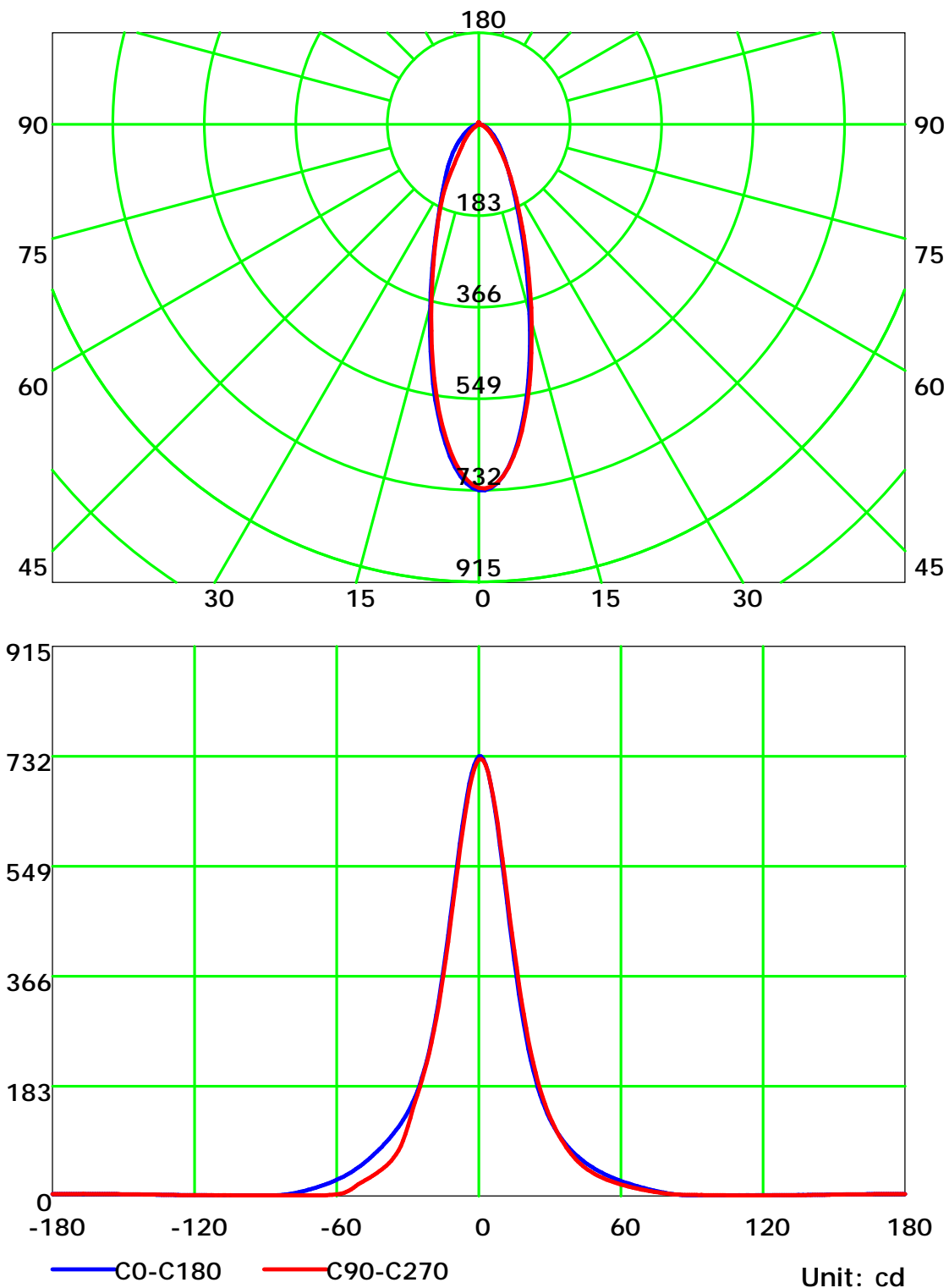
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

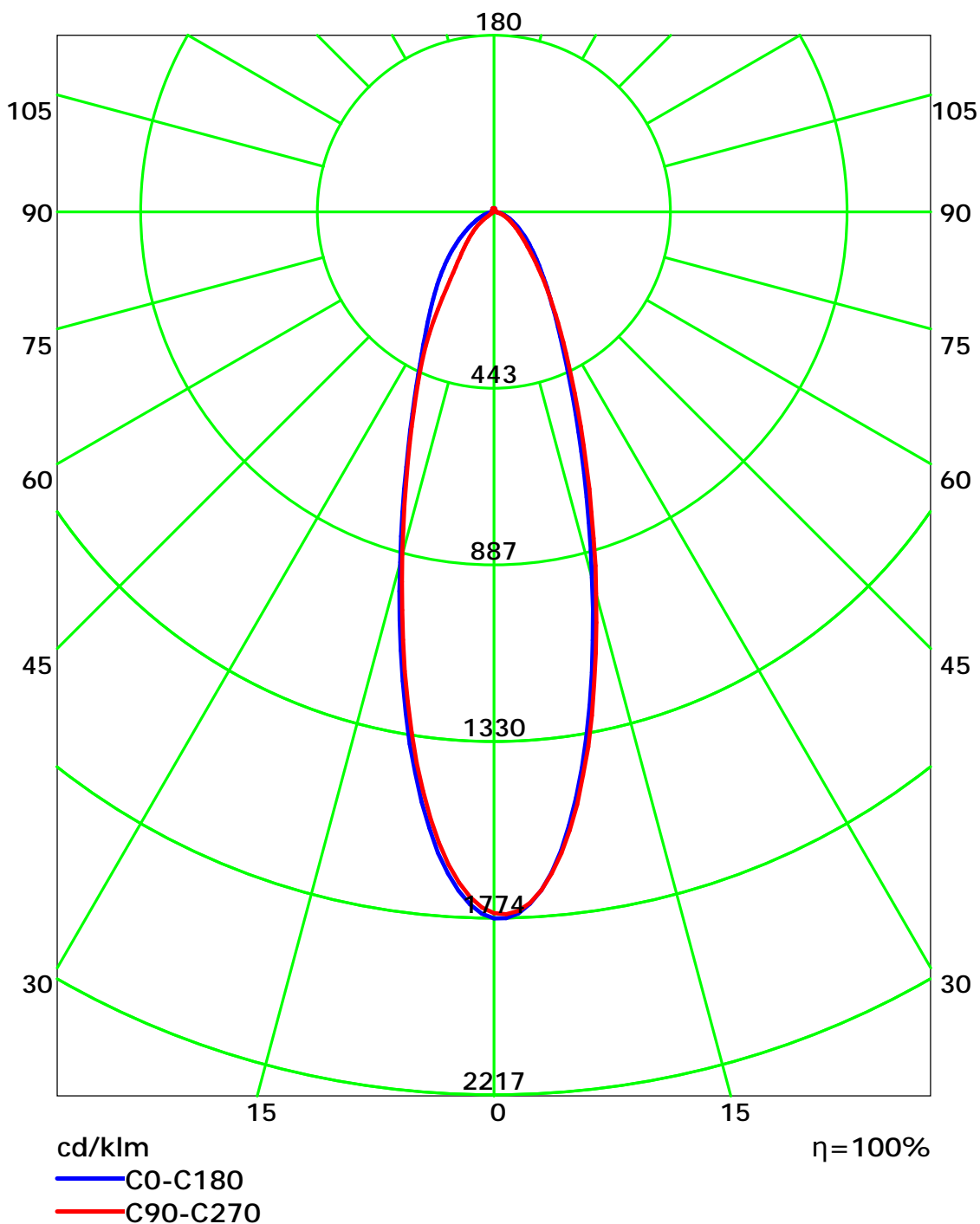
Luminous Intensity Distribution Curve



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:

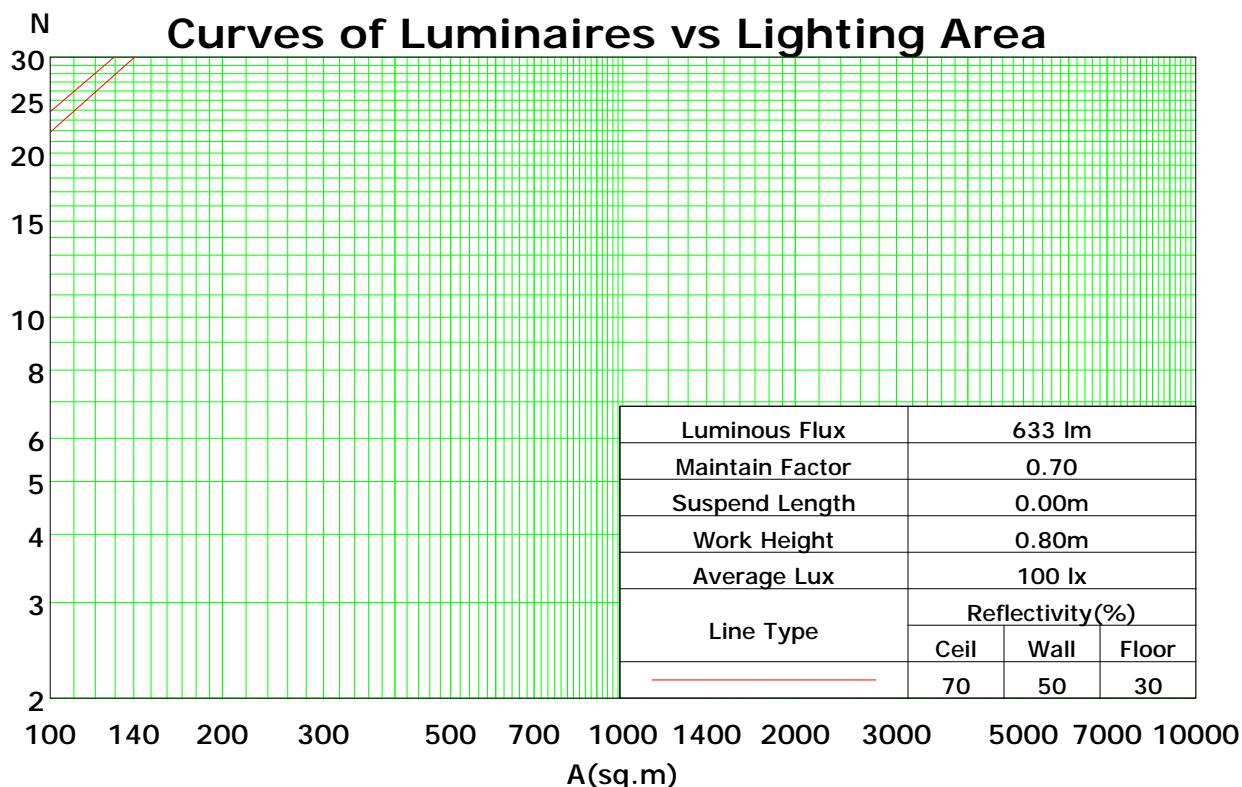
Coefficients Of Utilization - Zonal Cavity Method

| | | | | | | | | | | | | | | | | | | |
|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 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 | 118 | 118 | 118 | 118 | 115 | 115 | 115 | 115 | 109 | 109 | 109 | 104 | 104 | 104 | 99 | 99 | 99 | 97 |
| 1 | 112 | 108 | 106 | 103 | 109 | 106 | 103 | 101 | 101 | 99 | 97 | 97 | 95 | 94 | 93 | 92 | 90 | 88 |
| 2 | 105 | 100 | 95 | 91 | 103 | 98 | 93 | 90 | 94 | 90 | 87 | 90 | 87 | 85 | 87 | 85 | 83 | 81 |
| 3 | 99 | 92 | 86 | 82 | 97 | 90 | 85 | 81 | 87 | 83 | 79 | 84 | 81 | 78 | 82 | 79 | 76 | 74 |
| 4 | 94 | 85 | 79 | 75 | 92 | 84 | 78 | 74 | 81 | 77 | 73 | 79 | 75 | 72 | 77 | 73 | 70 | 69 |
| 5 | 89 | 80 | 73 | 69 | 87 | 78 | 73 | 68 | 76 | 71 | 67 | 74 | 70 | 66 | 72 | 68 | 65 | 64 |
| 6 | 84 | 75 | 68 | 64 | 82 | 74 | 68 | 63 | 72 | 66 | 62 | 70 | 65 | 62 | 68 | 64 | 61 | 59 |
| 7 | 80 | 70 | 64 | 59 | 78 | 69 | 63 | 59 | 68 | 62 | 58 | 66 | 61 | 58 | 65 | 60 | 57 | 56 |
| 8 | 76 | 66 | 60 | 55 | 75 | 65 | 59 | 55 | 64 | 59 | 55 | 63 | 58 | 54 | 61 | 57 | 54 | 52 |
| 9 | 73 | 63 | 56 | 52 | 71 | 62 | 56 | 52 | 61 | 55 | 52 | 60 | 55 | 51 | 58 | 54 | 51 | 50 |
| 10 | 69 | 59 | 53 | 49 | 68 | 59 | 53 | 49 | 58 | 53 | 49 | 57 | 52 | 49 | 56 | 51 | 48 | 47 |

Spacing Criteria (0-180): 0.51

Spacing Criteria (90-270): 0.52

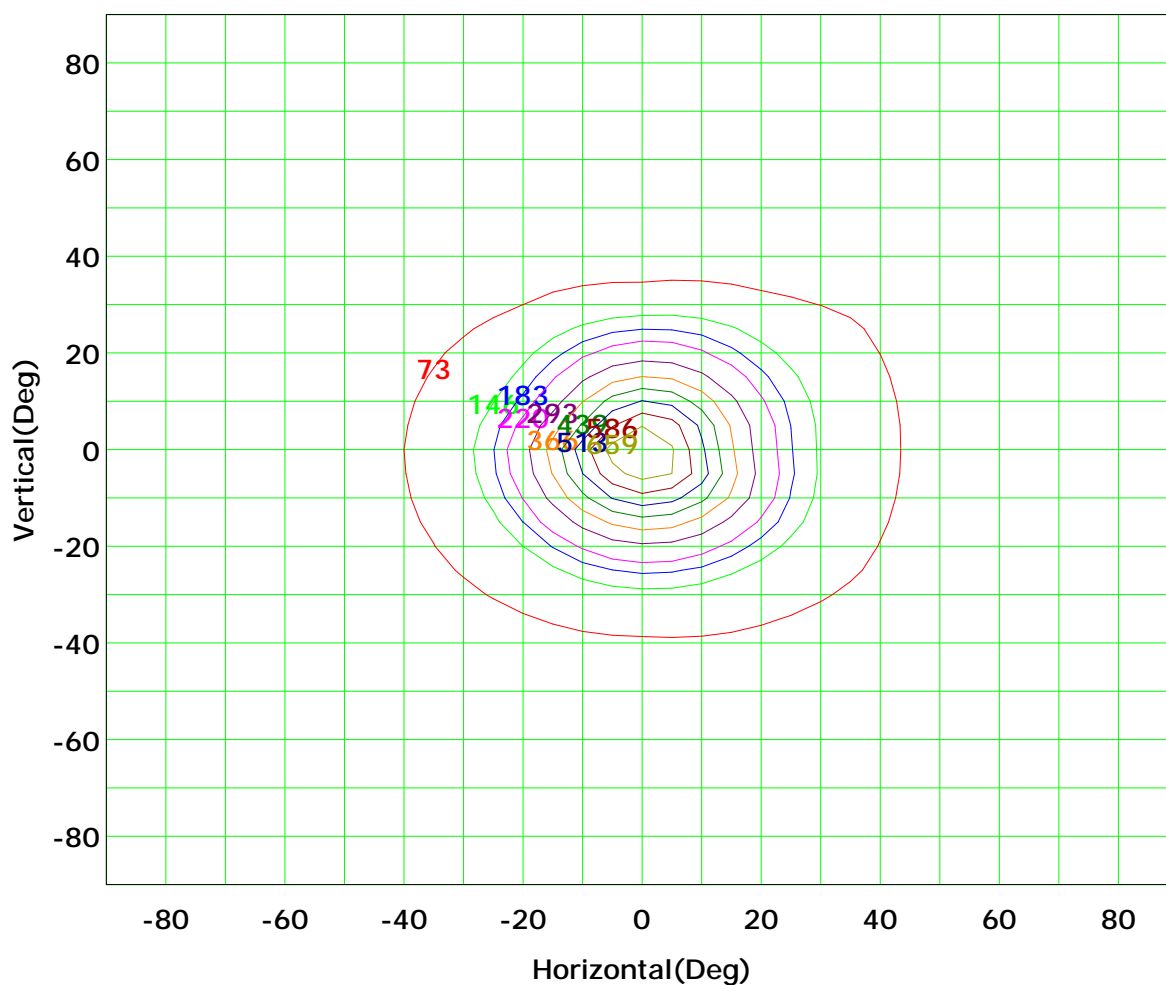
Spacing Criteria (Diagonal): 0.57



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)



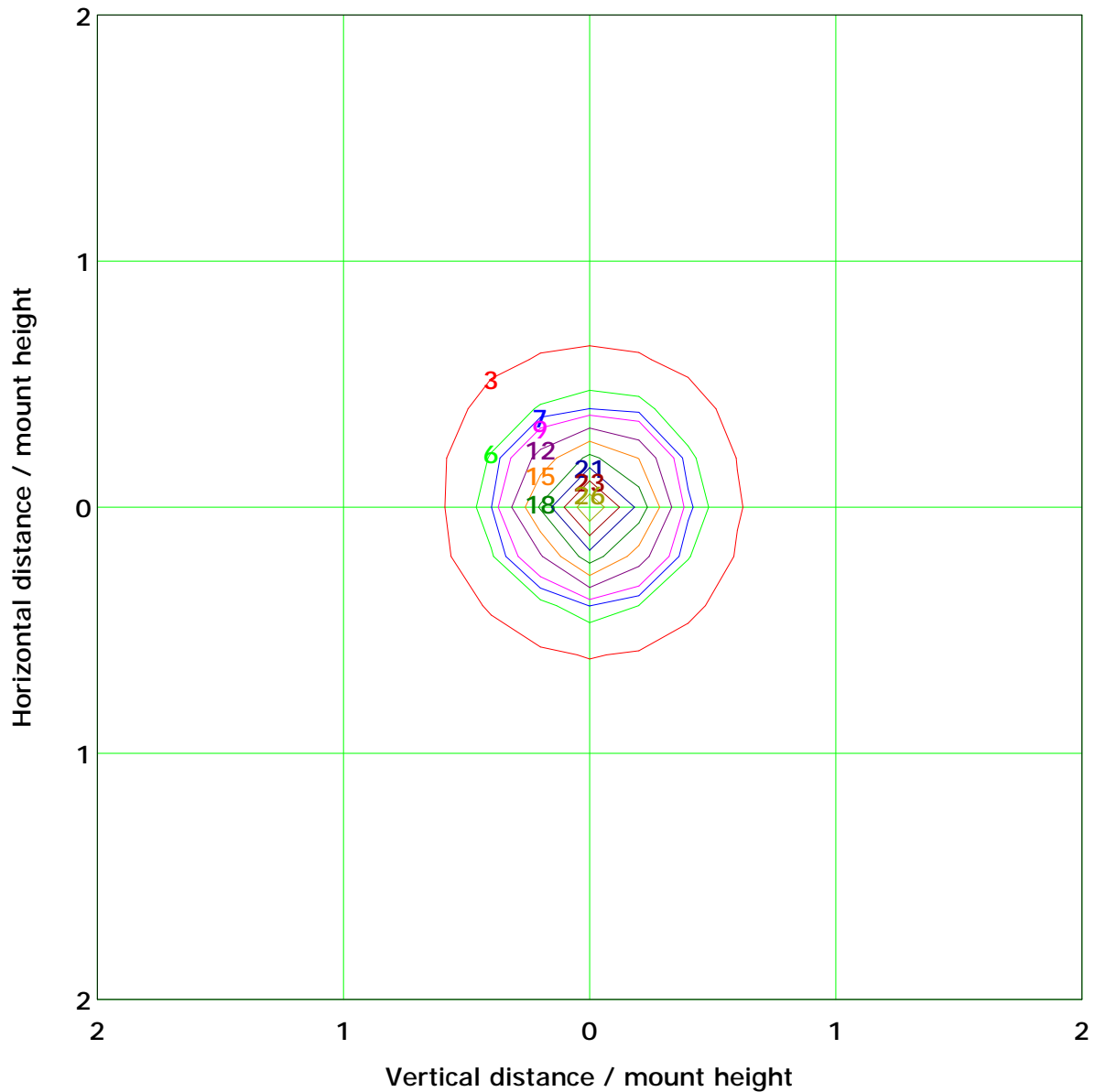
I_{max} (100%): 732 cd

| | |
|----------------|----------------|
| (10%): 73 cd | (20%): 146 cd |
| (25%): 183 cd | (30%): 220 cd |
| (40%): 293 cd | (50%): 366 cd |
| (60%): 439 cd | (70%): 513 cd |
| (80%): 586 cd | (90%): 659 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%): 29.3 lx | |
| (10%): 2.9 lx | (20%): 5.9 lx |
| (25%): 7.3 lx | (30%): 8.8 lx |
| (40%): 11.7 lx | (50%): 14.6 lx |
| (60%): 17.6 lx | (70%): 20.5 lx |
| (80%): 23.4 lx | (90%): 26.4 lx |

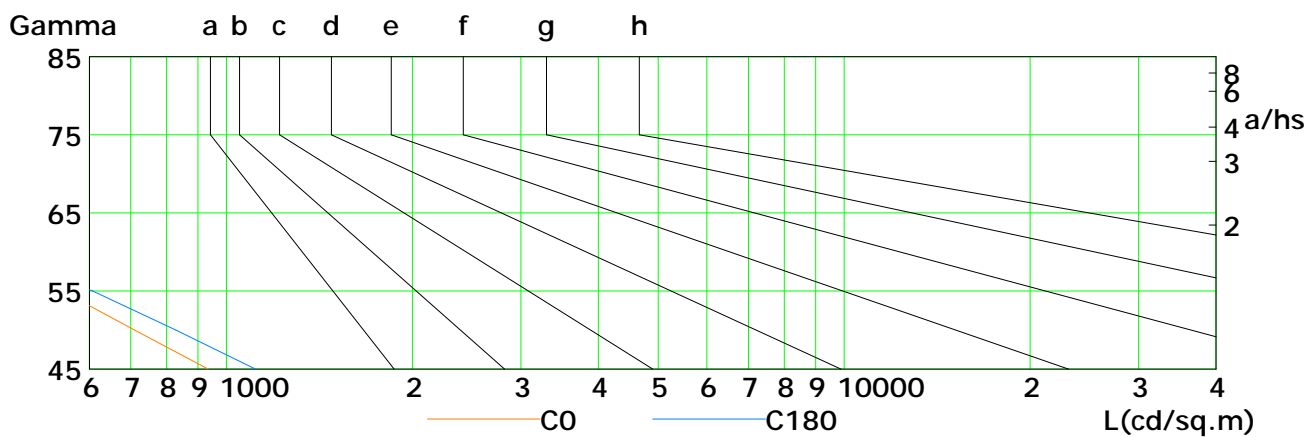
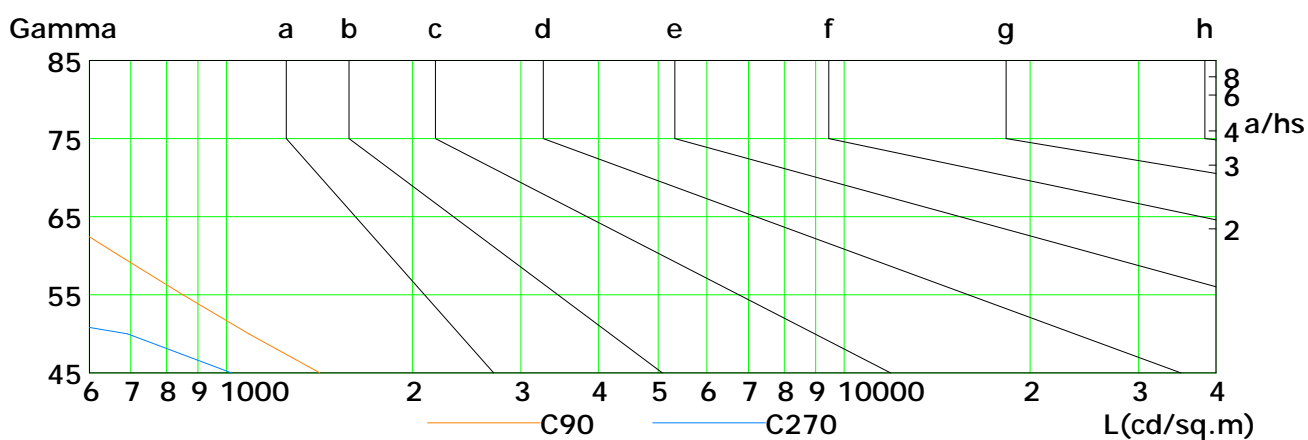
C Plane (°):0.0-360.0: 30.0
Test Lab:
Test Type: TYPE C
Temperature: 25
Operator: Jacky

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

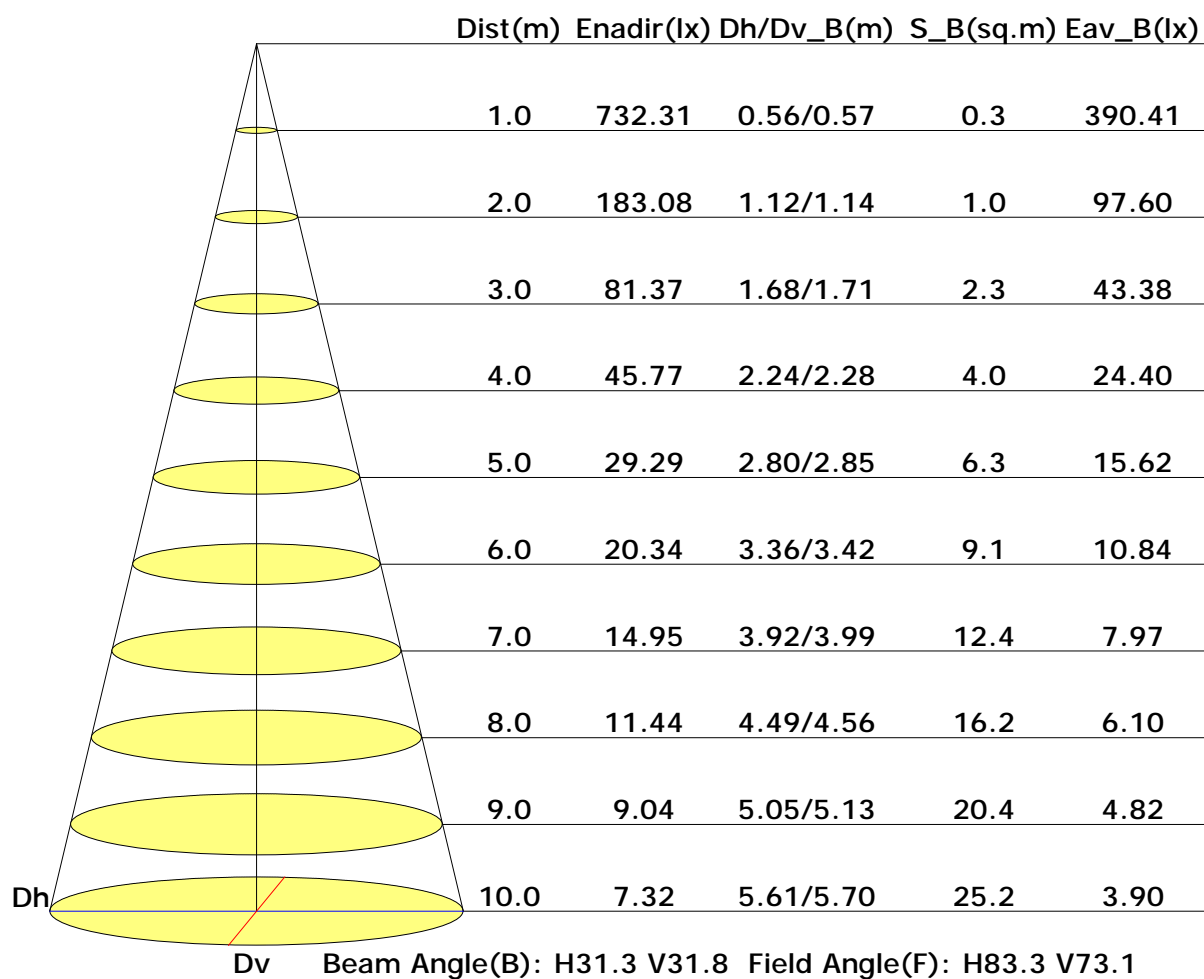


| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|------|------|-----|-----|-----|-----|-----|-----|-----|
| C0 | 934 | 710 | 542 | 412 | 309 | 222 | 146 | 84 | 44 |
| C90 | 1418 | 1087 | 851 | 672 | 533 | 410 | 300 | 209 | 152 |
| C180 | 1115 | 829 | 607 | 442 | 316 | 214 | 129 | 67 | 33 |
| C270 | 1020 | 692 | 294 | 112 | 64 | 62 | 74 | 76 | 91 |

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:

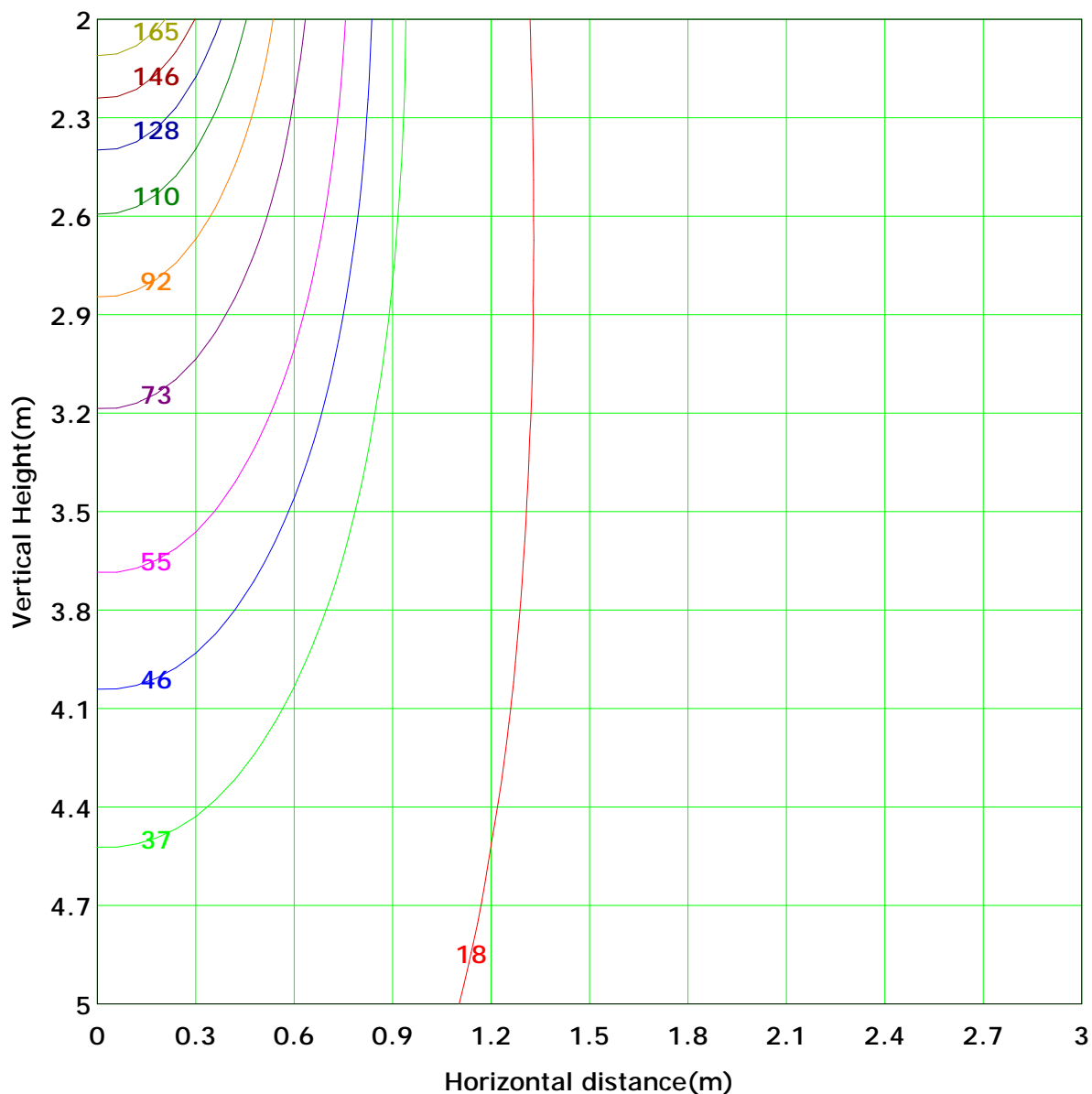
Illuminance at a Distance



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: 183.1 lx |
| (10%): 18.3 lx | (20%): 36.6 lx | |
| (25%): 45.8 lx | (30%): 54.9 lx | |
| (40%): 73.2 lx | (50%): 91.5 lx | |
| (60%): 109.8 lx | (70%): 128.2 lx | |
| (80%): 146.5 lx | (90%): 164.8 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:

Area Flux Table

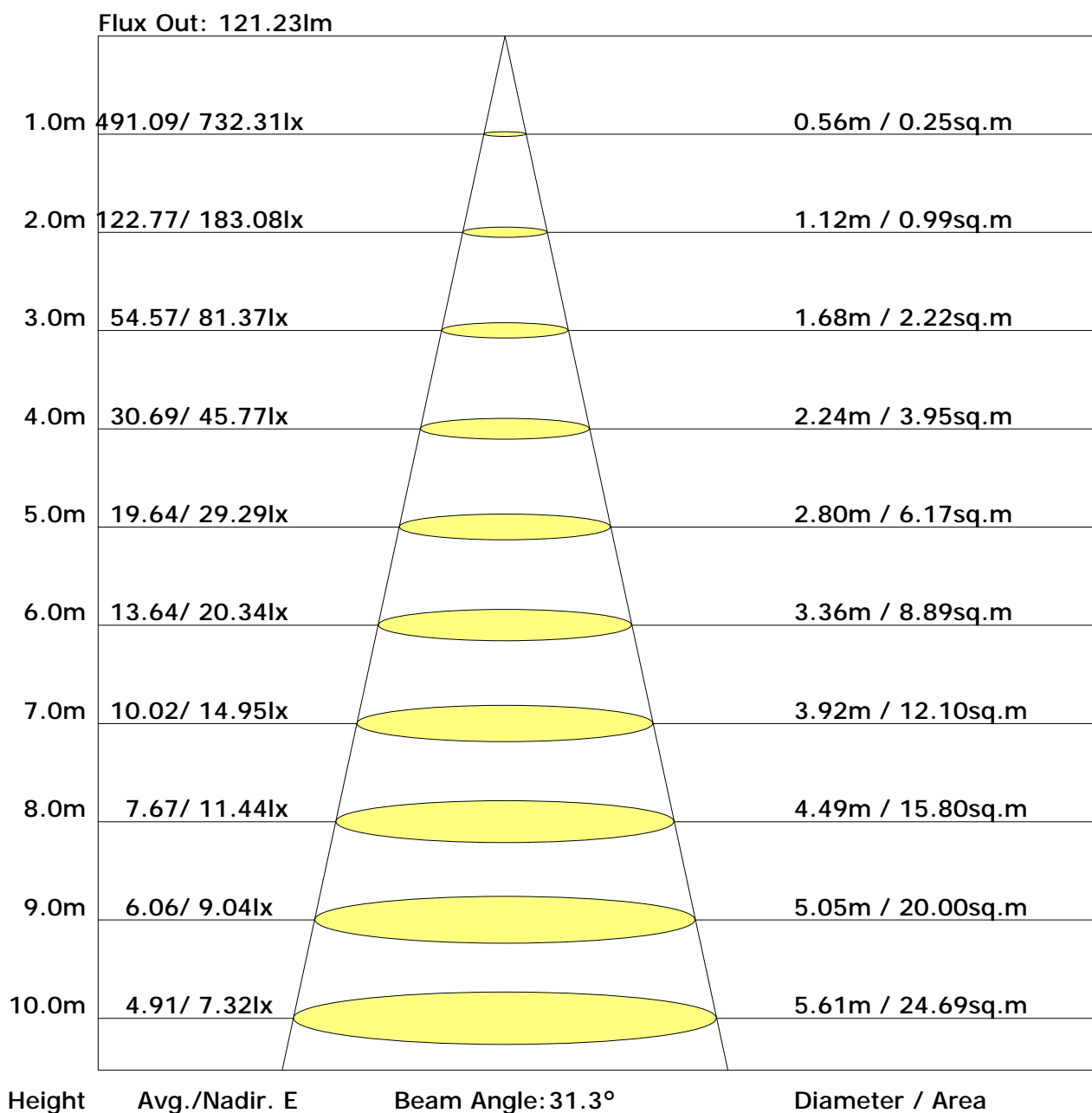
Unit: lm

| 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 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 |
| | -80 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 |
| | -70 | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.3 | 0.0 |
| | -60 | 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.5 | 0.7 | 1.1 | 1.4 | 1.6 | 2.0 | 2.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.6 | 0.0 |
| | -50 | 0.0 | 0.0 | 0.1 | 0.2 | 0.4 | 0.6 | 0.7 | 1.0 | 1.3 | 1.5 | 1.8 | 2.1 | 2.5 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.4 | 1.6 |
| | -40 | 0.0 | 0.0 | 0.1 | 0.2 | 0.4 | 0.6 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.4 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.1 | 13.4 |
| | -30 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.6 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.4 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 32.7 | 26.6 |
| | -20 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.6 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.4 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 55.5 | 49.5 |
| | -10 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.6 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.4 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 80.6 | 74.8 |
| | 0 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.6 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.4 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 77.7 | 71.7 |
| | 10 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.6 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.4 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 50.5 | 44.4 |
| | 20 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.6 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.4 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.1 | 21.5 |
| | 30 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.6 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.4 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.2 | 7.8 |
| | 40 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.6 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.4 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.1 | 0.0 |
| | 50 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.6 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.4 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.8 | 0.0 |
| | 60 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.6 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.4 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.2 | 0.0 |
| | 70 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.6 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.4 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.0 |
| | 80 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.6 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.4 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.0 |
| | 90 | 0.0 | 0.0 | 0.1 | 0.3 | 0.3 | 0.6 | 0.8 | 1.2 | 1.6 | 2.0 | 2.5 | 3.0 | 3.4 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | Flux(T) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 398 | |
| | Flux(E) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | 311 |

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:

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 | 10.2 | 11.4 | 10.7 | 11.7 | 12.1 | 8.5 | 9.6 | 8.9 | 10.0 | 10.4 |
| 3H | 11.4 | 12.4 | 11.8 | 12.8 | 13.2 | 9.3 | 10.3 | 9.8 | 10.7 | 11.2 |
| 4H | 11.7 | 12.6 | 12.2 | 13.0 | 13.5 | 9.5 | 10.5 | 10.0 | 10.9 | 11.4 |
| 6H | 11.9 | 12.7 | 12.4 | 13.2 | 13.6 | 9.6 | 10.5 | 10.1 | 10.9 | 11.4 |
| 8H | 11.9 | 12.7 | 12.4 | 13.2 | 13.7 | 9.7 | 10.5 | 10.2 | 10.9 | 11.4 |
| 12H | 11.9 | 12.7 | 12.4 | 13.1 | 13.6 | 9.7 | 10.4 | 10.2 | 10.9 | 11.4 |
| X=4H Y=2H | 10.2 | 11.1 | 10.7 | 11.6 | 12.0 | 9.0 | 9.9 | 9.4 | 10.3 | 10.8 |
| 3H | 11.4 | 12.2 | 11.9 | 12.6 | 13.1 | 9.9 | 10.7 | 10.4 | 11.2 | 11.7 |
| 4H | 11.8 | 12.5 | 12.3 | 13.0 | 13.5 | 10.2 | 10.9 | 10.7 | 11.4 | 11.9 |
| 6H | 12.0 | 12.6 | 12.6 | 13.1 | 13.7 | 10.4 | 11.0 | 10.9 | 11.5 | 12.0 |
| 8H | 12.1 | 12.6 | 12.6 | 13.2 | 13.7 | 10.4 | 10.9 | 10.9 | 11.5 | 12.0 |
| 12H | 12.1 | 12.6 | 12.7 | 13.2 | 13.7 | 10.4 | 10.9 | 11.0 | 11.4 | 12.0 |
| X=8H Y=4H | 11.7 | 12.3 | 12.3 | 12.8 | 13.3 | 10.3 | 10.9 | 10.9 | 11.4 | 12.0 |
| 6H | 12.0 | 12.4 | 12.6 | 13.0 | 13.6 | 10.5 | 11.0 | 11.1 | 11.6 | 12.1 |
| 8H | 12.1 | 12.5 | 12.7 | 13.0 | 13.6 | 10.6 | 11.0 | 11.2 | 11.6 | 12.2 |
| 12H | 12.1 | 12.5 | 12.7 | 13.0 | 13.7 | 10.7 | 11.0 | 11.2 | 11.6 | 12.2 |
| X=12H Y=4H | 11.7 | 12.2 | 12.2 | 12.7 | 13.3 | 10.3 | 10.8 | 10.9 | 11.4 | 11.9 |
| 6H | 12.0 | 12.3 | 12.5 | 12.9 | 13.5 | 10.6 | 11.0 | 11.1 | 11.5 | 12.1 |
| 8H | 12.0 | 12.4 | 12.6 | 13.0 | 13.6 | 10.6 | 11.0 | 11.2 | 11.5 | 12.2 |

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 = 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 | 0.77 | 0.85 | 0.90 | 0.93 | 0.98 | 1.01 | 1.04 | 1.06 | 1.08 |
| | 0.30 | | 0.72 | 0.79 | 0.85 | 0.89 | 0.94 | 0.98 | 1.00 | 1.04 | 1.06 |
| | 0.20 | | 0.68 | 0.75 | 0.81 | 0.85 | 0.91 | 0.95 | 0.97 | 1.01 | 1.04 |
| 0.50 | 0.50 | 0.20 | 0.76 | 0.82 | 0.87 | 0.90 | 0.95 | 0.98 | 0.99 | 1.02 | 1.04 |
| | 0.30 | | 0.71 | 0.78 | 0.83 | 0.86 | 0.91 | 0.95 | 0.97 | 1.00 | 1.02 |
| | 0.20 | | 0.67 | 0.75 | 0.79 | 0.83 | 0.88 | 0.92 | 0.94 | 0.98 | 1.00 |
| 0.30 | 0.50 | 0.20 | 0.74 | 0.80 | 0.85 | 0.88 | 0.92 | 0.94 | 0.96 | 0.98 | 0.99 |
| | 0.30 | | 0.70 | 0.77 | 0.81 | 0.84 | 0.89 | 0.92 | 0.94 | 0.96 | 0.98 |
| | 0.20 | | 0.67 | 0.74 | 0.78 | 0.82 | 0.86 | 0.89 | 0.92 | 0.95 | 0.96 |
| 0.00 | 0.00 | 0.00 | 0.65 | 0.71 | 0.75 | 0.78 | 0.83 | 0.85 | 0.87 | 0.90 | 0.91 |
| Rating: 10W 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 | 0.68 | 0.56 | 0.47 | 0.41 | 0.32 | 0.27 | 0.23 | 0.18 | 0.14 |
| | 0.30 | | 0.57 | 0.48 | 0.41 | 0.36 | 0.29 | 0.24 | 0.21 | 0.17 | 0.14 |
| | 0.20 | | 0.49 | 0.42 | 0.36 | 0.32 | 0.27 | 0.23 | 0.20 | 0.16 | 0.13 |
| 0.50 | 0.50 | 0.20 | 0.65 | 0.52 | 0.44 | 0.38 | 0.30 | 0.28 | 0.21 | 0.16 | 0.13 |
| | 0.30 | | 0.55 | 0.45 | 0.39 | 0.34 | 0.27 | 0.23 | 0.20 | 0.15 | 0.13 |
| | 0.20 | | 0.47 | 0.40 | 0.35 | 0.31 | 0.25 | 0.21 | 0.18 | 0.15 | 0.12 |
| 0.30 | 0.50 | 0.20 | 0.62 | 0.49 | 0.41 | 0.35 | 0.28 | 0.23 | 0.19 | 0.15 | 0.12 |
| | 0.30 | | 0.53 | 0.43 | 0.37 | 0.32 | 0.26 | 0.21 | 0.18 | 0.14 | 0.12 |
| | 0.20 | | 0.46 | 0.39 | 0.33 | 0.29 | 0.24 | 0.20 | 0.17 | 0.14 | 0.11 |
| 0.00 | 0.00 | 0.00 | 0.33 | 0.27 | 0.22 | 0.19 | 0.15 | 0.12 | 0.11 | 0.08 | 0.07 |
| <p>Rating: 10W Photometrically tested without ceiling board.</p> <p>Multiply UF values by service correction factors</p> <p>Calculate in accordance with CIBSE Technical Memorandum NO.5 1980</p> | | | | | | | | | | | |

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 | 0.17 | 0.19 | 0.20 | 0.21 | 0.22 | 0.23 | 0.23 | 0.24 | 0.24 |
| | 0.30 | | 0.12 | 0.14 | 0.16 | 0.17 | 0.19 | 0.20 | 0.21 | 0.22 | 0.23 |
| | 0.20 | | 0.09 | 0.11 | 0.13 | 0.14 | 0.16 | 0.17 | 0.19 | 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 | 0.23 |
| | 0.30 | | 0.12 | 0.14 | 0.15 | 0.16 | 0.18 | 0.19 | 0.20 | 0.21 | 0.22 |
| | 0.20 | | 0.09 | 0.11 | 0.12 | 0.14 | 0.16 | 0.17 | 0.18 | 0.20 | 0.20 |
| 0.30 | 0.50 | 0.20 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.21 | 0.21 | 0.22 | 0.22 |
| | 0.30 | | 0.12 | 0.14 | 0.15 | 0.16 | 0.17 | 0.19 | 0.19 | 0.20 | 0.21 |
| | 0.20 | | 0.09 | 0.11 | 0.12 | 0.13 | 0.15 | 0.17 | 0.18 | 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: 10W 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 | 726.3 | 0.7 | 0.7 | 0.17 | 0.17 |
| 1.0-2.0 | 721.8 | 2.1 | 2.8 | 0.50 | 0.67 |
| 2.0-3.0 | 712.8 | 3.4 | 6.2 | 0.83 | 1.50 |
| 3.0-4.0 | 699.6 | 4.7 | 10.9 | 1.13 | 2.63 |
| 4.0-5.0 | 682.4 | 5.9 | 16.7 | 1.42 | 4.05 |
| 5.0-6.0 | 661.6 | 7.0 | 23.7 | 1.68 | 5.74 |
| 6.0-7.0 | 637.9 | 7.9 | 31.6 | 1.92 | 7.66 |
| 7.0-8.0 | 611.6 | 8.8 | 40.4 | 2.12 | 9.78 |
| 8.0-9.0 | 583.3 | 9.5 | 49.8 | 2.29 | 12.07 |
| 9.0-10.0 | 553.5 | 10.0 | 59.8 | 2.43 | 14.50 |
| 10.0-11.0 | 522.9 | 10.4 | 70.3 | 2.53 | 17.03 |
| 11.0-12.0 | 491.8 | 10.8 | 81.0 | 2.61 | 19.63 |
| 12.0-13.0 | 460.8 | 10.9 | 92.0 | 2.65 | 22.28 |
| 13.0-14.0 | 430.6 | 11.0 | 103.0 | 2.67 | 24.96 |
| 14.0-15.0 | 401.2 | 11.0 | 114.0 | 2.67 | 27.62 |
| 15.0-16.0 | 372.9 | 10.9 | 124.9 | 2.65 | 30.27 |
| 16.0-17.0 | 346.3 | 10.8 | 135.7 | 2.61 | 32.89 |
| 17.0-18.0 | 321.3 | 10.6 | 146.3 | 2.57 | 35.45 |
| 18.0-19.0 | 297.9 | 10.4 | 156.7 | 2.51 | 37.96 |
| 19.0-20.0 | 276.2 | 10.1 | 166.8 | 2.45 | 40.41 |
| 20.0-21.0 | 256.1 | 9.8 | 176.6 | 2.38 | 42.80 |
| 21.0-22.0 | 237.7 | 9.6 | 186.2 | 2.31 | 45.11 |
| 22.0-23.0 | 221.0 | 9.3 | 195.5 | 2.25 | 47.36 |
| 23.0-24.0 | 205.7 | 9.0 | 204.5 | 2.18 | 49.54 |
| 24.0-25.0 | 191.7 | 8.7 | 213.2 | 2.11 | 51.65 |
| 25.0-26.0 | 179.0 | 8.5 | 221.6 | 2.05 | 53.70 |
| 26.0-27.0 | 167.4 | 8.2 | 229.8 | 1.98 | 55.68 |
| 27.0-28.0 | 156.6 | 7.9 | 237.7 | 1.92 | 57.60 |
| 28.0-29.0 | 146.5 | 7.7 | 245.4 | 1.86 | 59.46 |
| 29.0-30.0 | 137.2 | 7.4 | 252.8 | 1.79 | 61.26 |
| 30.0-31.0 | 128.3 | 7.1 | 260.0 | 1.73 | 62.99 |
| 31.0-32.0 | 120.0 | 6.9 | 266.8 | 1.67 | 64.65 |
| 32.0-33.0 | 112.3 | 6.6 | 273.5 | 1.60 | 66.26 |
| 33.0-34.0 | 105.0 | 6.4 | 279.8 | 1.54 | 67.80 |
| 34.0-35.0 | 98.2 | 6.1 | 285.9 | 1.48 | 69.27 |
| 35.0-36.0 | 92.0 | 5.9 | 291.8 | 1.42 | 70.69 |

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 [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 36.0-37.0 | 86.3 | 5.6 | 297.4 | 1.36 | 72.06 |
| 37.0-38.0 | 81.0 | 5.4 | 302.8 | 1.31 | 73.37 |
| 38.0-39.0 | 76.2 | 5.2 | 308.0 | 1.26 | 74.63 |
| 39.0-40.0 | 71.7 | 5.0 | 313.0 | 1.21 | 75.84 |
| 40.0-41.0 | 67.6 | 4.8 | 317.8 | 1.17 | 77.01 |
| 41.0-42.0 | 63.7 | 4.6 | 322.4 | 1.12 | 78.13 |
| 42.0-43.0 | 60.0 | 4.4 | 326.9 | 1.08 | 79.20 |
| 43.0-44.0 | 56.5 | 4.3 | 331.2 | 1.03 | 80.24 |
| 44.0-45.0 | 53.2 | 4.1 | 335.2 | 0.99 | 81.23 |
| 45.0-46.0 | 50.0 | 3.9 | 339.2 | 0.95 | 82.17 |
| 46.0-47.0 | 47.0 | 3.7 | 342.9 | 0.91 | 83.08 |
| 47.0-48.0 | 44.1 | 3.6 | 346.5 | 0.86 | 83.95 |
| 48.0-49.0 | 41.4 | 3.4 | 349.9 | 0.82 | 84.77 |
| 49.0-50.0 | 38.8 | 3.2 | 353.1 | 0.78 | 85.55 |
| 50.0-51.0 | 36.2 | 3.1 | 356.2 | 0.74 | 86.30 |
| 51.0-52.0 | 33.8 | 2.9 | 359.1 | 0.70 | 87.00 |
| 52.0-53.0 | 31.5 | 2.7 | 361.8 | 0.66 | 87.66 |
| 53.0-54.0 | 29.3 | 2.6 | 364.4 | 0.63 | 88.29 |
| 54.0-55.0 | 27.3 | 2.4 | 366.8 | 0.59 | 88.88 |
| 55.0-56.0 | 25.4 | 2.3 | 369.1 | 0.56 | 89.44 |
| 56.0-57.0 | 23.6 | 2.2 | 371.3 | 0.52 | 89.96 |
| 57.0-58.0 | 21.9 | 2.0 | 373.3 | 0.49 | 90.45 |
| 58.0-59.0 | 20.3 | 1.9 | 375.2 | 0.46 | 90.91 |
| 59.0-60.0 | 18.8 | 1.8 | 377.0 | 0.43 | 91.34 |
| 60.0-61.0 | 17.5 | 1.7 | 378.6 | 0.40 | 91.74 |
| 61.0-62.0 | 16.3 | 1.6 | 380.2 | 0.38 | 92.12 |
| 62.0-63.0 | 15.2 | 1.5 | 381.7 | 0.36 | 92.48 |
| 63.0-64.0 | 14.2 | 1.4 | 383.1 | 0.34 | 92.82 |
| 64.0-65.0 | 13.2 | 1.3 | 384.4 | 0.32 | 93.13 |
| 65.0-66.0 | 12.3 | 1.2 | 385.6 | 0.30 | 93.43 |
| 66.0-67.0 | 11.5 | 1.2 | 386.8 | 0.28 | 93.71 |
| 67.0-68.0 | 10.6 | 1.1 | 387.8 | 0.26 | 93.97 |
| 68.0-69.0 | 9.8 | 1.0 | 388.8 | 0.24 | 94.21 |
| 69.0-70.0 | 9.1 | 0.9 | 389.8 | 0.23 | 94.44 |
| 70.0-71.0 | 8.4 | 0.9 | 390.6 | 0.21 | 94.65 |
| 71.0-72.0 | 7.7 | 0.8 | 391.4 | 0.19 | 94.84 |

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 [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 72.0-73.0 | 7.0 | 0.7 | 392.2 | 0.18 | 95.02 |
| 73.0-74.0 | 6.4 | 0.7 | 392.8 | 0.16 | 95.18 |
| 74.0-75.0 | 5.9 | 0.6 | 393.5 | 0.15 | 95.34 |
| 75.0-76.0 | 5.4 | 0.6 | 394.0 | 0.14 | 95.47 |
| 76.0-77.0 | 4.9 | 0.5 | 394.6 | 0.13 | 95.60 |
| 77.0-78.0 | 4.4 | 0.5 | 395.0 | 0.12 | 95.72 |
| 78.0-79.0 | 4.0 | 0.4 | 395.5 | 0.10 | 95.82 |
| 79.0-80.0 | 3.6 | 0.4 | 395.9 | 0.10 | 95.92 |
| 80.0-81.0 | 3.3 | 0.4 | 396.2 | 0.09 | 96.00 |
| 81.0-82.0 | 3.0 | 0.3 | 396.5 | 0.08 | 96.08 |
| 82.0-83.0 | 2.7 | 0.3 | 396.8 | 0.07 | 96.15 |
| 83.0-84.0 | 2.5 | 0.3 | 397.1 | 0.07 | 96.22 |
| 84.0-85.0 | 2.3 | 0.3 | 397.4 | 0.06 | 96.28 |
| 85.0-86.0 | 2.2 | 0.2 | 397.6 | 0.06 | 96.34 |
| 86.0-87.0 | 2.0 | 0.2 | 397.8 | 0.05 | 96.39 |
| 87.0-88.0 | 2.0 | 0.2 | 398.0 | 0.05 | 96.44 |
| 88.0-89.0 | 1.9 | 0.2 | 398.3 | 0.05 | 96.50 |
| 89.0-90.0 | 1.9 | 0.2 | 398.5 | 0.05 | 96.55 |
| 90.0-91.0 | 1.9 | 0.2 | 398.7 | 0.05 | 96.60 |
| 91.0-92.0 | 1.9 | 0.2 | 398.9 | 0.05 | 96.65 |
| 92.0-93.0 | 1.9 | 0.2 | 399.1 | 0.05 | 96.70 |
| 93.0-94.0 | 1.9 | 0.2 | 399.3 | 0.05 | 96.75 |
| 94.0-95.0 | 1.8 | 0.2 | 399.5 | 0.05 | 96.80 |
| 95.0-96.0 | 1.8 | 0.2 | 399.7 | 0.05 | 96.84 |
| 96.0-97.0 | 1.8 | 0.2 | 399.9 | 0.05 | 96.89 |
| 97.0-98.0 | 1.8 | 0.2 | 400.1 | 0.05 | 96.94 |
| 98.0-99.0 | 1.8 | 0.2 | 400.3 | 0.05 | 96.99 |
| 99.0-100.0 | 1.8 | 0.2 | 400.5 | 0.05 | 97.03 |
| 100.0-101.0 | 1.8 | 0.2 | 400.7 | 0.05 | 97.08 |
| 101.0-102.0 | 1.8 | 0.2 | 400.9 | 0.05 | 97.13 |
| 102.0-103.0 | 1.8 | 0.2 | 401.0 | 0.05 | 97.17 |
| 103.0-104.0 | 1.7 | 0.2 | 401.2 | 0.05 | 97.22 |
| 104.0-105.0 | 1.7 | 0.2 | 401.4 | 0.04 | 97.26 |
| 105.0-106.0 | 1.7 | 0.2 | 401.6 | 0.04 | 97.31 |
| 106.0-107.0 | 1.8 | 0.2 | 401.8 | 0.04 | 97.35 |
| 107.0-108.0 | 1.8 | 0.2 | 402.0 | 0.04 | 97.40 |

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 [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Zonal Flux [lm] | Rel Zonal Flux [%] | Sum Rel Zonal Flux [%] |
|--------------|---------------------------|--------------------|------------------------|-----------------------|---------------------------|
| 108.0-109.0 | 1.7 | 0.2 | 402.2 | 0.04 | 97.44 |
| 109.0-110.0 | 1.7 | 0.2 | 402.3 | 0.04 | 97.48 |
| 110.0-111.0 | 1.8 | 0.2 | 402.5 | 0.04 | 97.53 |
| 111.0-112.0 | 1.8 | 0.2 | 402.7 | 0.04 | 97.57 |
| 112.0-113.0 | 1.8 | 0.2 | 402.9 | 0.04 | 97.62 |
| 113.0-114.0 | 1.8 | 0.2 | 403.1 | 0.04 | 97.66 |
| 114.0-115.0 | 1.8 | 0.2 | 403.2 | 0.04 | 97.70 |
| 115.0-116.0 | 1.8 | 0.2 | 403.4 | 0.04 | 97.75 |
| 116.0-117.0 | 1.9 | 0.2 | 403.6 | 0.04 | 97.79 |
| 117.0-118.0 | 1.9 | 0.2 | 403.8 | 0.04 | 97.84 |
| 118.0-119.0 | 1.9 | 0.2 | 404.0 | 0.04 | 97.88 |
| 119.0-120.0 | 1.9 | 0.2 | 404.2 | 0.04 | 97.93 |
| 120.0-121.0 | 1.9 | 0.2 | 404.3 | 0.04 | 97.97 |
| 121.0-122.0 | 2.0 | 0.2 | 404.5 | 0.04 | 98.01 |
| 122.0-123.0 | 2.0 | 0.2 | 404.7 | 0.04 | 98.06 |
| 123.0-124.0 | 2.0 | 0.2 | 404.9 | 0.04 | 98.10 |
| 124.0-125.0 | 2.1 | 0.2 | 405.1 | 0.04 | 98.15 |
| 125.0-126.0 | 2.1 | 0.2 | 405.3 | 0.04 | 98.19 |
| 126.0-127.0 | 2.1 | 0.2 | 405.4 | 0.04 | 98.24 |
| 127.0-128.0 | 2.1 | 0.2 | 405.6 | 0.04 | 98.28 |
| 128.0-129.0 | 2.2 | 0.2 | 405.8 | 0.04 | 98.33 |
| 129.0-130.0 | 2.2 | 0.2 | 406.0 | 0.04 | 98.37 |
| 130.0-131.0 | 2.2 | 0.2 | 406.2 | 0.04 | 98.42 |
| 131.0-132.0 | 2.3 | 0.2 | 406.4 | 0.04 | 98.46 |
| 132.0-133.0 | 2.3 | 0.2 | 406.6 | 0.04 | 98.51 |
| 133.0-134.0 | 2.3 | 0.2 | 406.7 | 0.04 | 98.55 |
| 134.0-135.0 | 2.4 | 0.2 | 406.9 | 0.05 | 98.60 |
| 135.0-136.0 | 2.4 | 0.2 | 407.1 | 0.05 | 98.64 |
| 136.0-137.0 | 2.5 | 0.2 | 407.3 | 0.05 | 98.69 |
| 137.0-138.0 | 2.5 | 0.2 | 407.5 | 0.05 | 98.73 |
| 138.0-139.0 | 2.6 | 0.2 | 407.7 | 0.05 | 98.78 |
| 139.0-140.0 | 2.6 | 0.2 | 407.9 | 0.05 | 98.82 |
| 140.0-141.0 | 2.7 | 0.2 | 408.0 | 0.05 | 98.87 |
| 141.0-142.0 | 2.7 | 0.2 | 408.2 | 0.05 | 98.91 |
| 142.0-143.0 | 2.8 | 0.2 | 408.4 | 0.05 | 98.96 |
| 143.0-144.0 | 2.9 | 0.2 | 408.6 | 0.05 | 99.00 |

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:

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 | 2.9 | 0.2 | 408.8 | 0.05 | 99.05 |
| 145.0-146.0 | 3.0 | 0.2 | 409.0 | 0.04 | 99.09 |
| 146.0-147.0 | 3.0 | 0.2 | 409.2 | 0.04 | 99.14 |
| 147.0-148.0 | 3.1 | 0.2 | 409.3 | 0.04 | 99.18 |
| 148.0-149.0 | 3.1 | 0.2 | 409.5 | 0.04 | 99.22 |
| 149.0-150.0 | 3.2 | 0.2 | 409.7 | 0.04 | 99.27 |
| 150.0-151.0 | 3.2 | 0.2 | 409.9 | 0.04 | 99.31 |
| 151.0-152.0 | 3.3 | 0.2 | 410.0 | 0.04 | 99.35 |
| 152.0-153.0 | 3.3 | 0.2 | 410.2 | 0.04 | 99.39 |
| 153.0-154.0 | 3.4 | 0.2 | 410.4 | 0.04 | 99.43 |
| 154.0-155.0 | 3.4 | 0.2 | 410.5 | 0.04 | 99.47 |
| 155.0-156.0 | 3.5 | 0.2 | 410.7 | 0.04 | 99.51 |
| 156.0-157.0 | 3.5 | 0.2 | 410.8 | 0.04 | 99.55 |
| 157.0-158.0 | 3.6 | 0.1 | 411.0 | 0.04 | 99.58 |
| 158.0-159.0 | 3.6 | 0.1 | 411.1 | 0.04 | 99.62 |
| 159.0-160.0 | 3.6 | 0.1 | 411.3 | 0.03 | 99.65 |
| 160.0-161.0 | 3.7 | 0.1 | 411.4 | 0.03 | 99.68 |
| 161.0-162.0 | 3.7 | 0.1 | 411.5 | 0.03 | 99.72 |
| 162.0-163.0 | 3.7 | 0.1 | 411.7 | 0.03 | 99.75 |
| 163.0-164.0 | 3.8 | 0.1 | 411.8 | 0.03 | 99.77 |
| 164.0-165.0 | 3.8 | 0.1 | 411.9 | 0.03 | 99.80 |
| 165.0-166.0 | 3.8 | 0.1 | 412.0 | 0.03 | 99.83 |
| 166.0-167.0 | 3.8 | 0.1 | 412.1 | 0.02 | 99.85 |
| 167.0-168.0 | 3.8 | 0.1 | 412.2 | 0.02 | 99.87 |
| 168.0-169.0 | 3.9 | 0.1 | 412.3 | 0.02 | 99.89 |
| 169.0-170.0 | 3.9 | 0.1 | 412.3 | 0.02 | 99.91 |
| 170.0-171.0 | 3.9 | 0.1 | 412.4 | 0.02 | 99.93 |
| 171.0-172.0 | 3.9 | 0.1 | 412.5 | 0.02 | 99.94 |
| 172.0-173.0 | 3.9 | 0.1 | 412.5 | 0.01 | 99.96 |
| 173.0-174.0 | 3.9 | 0.0 | 412.6 | 0.01 | 99.97 |
| 174.0-175.0 | 3.9 | 0.0 | 412.6 | 0.01 | 99.98 |
| 175.0-176.0 | 3.9 | 0.0 | 412.7 | 0.01 | 99.99 |
| 176.0-177.0 | 3.9 | 0.0 | 412.7 | 0.01 | 99.99 |
| 177.0-178.0 | 3.9 | 0.0 | 412.7 | 0.00 | 100.00 |
| 178.0-179.0 | 3.9 | 0.0 | 412.7 | 0.00 | 100.00 |
| 179.0-180.0 | 3.9 | 0.0 | 412.7 | 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: