

Report No.: 20231011

Test Time: 2023/10/13 11:24

Luminaire Property

Luminaire Manufacturer:

Luminaire Category: Nano Pivot

Luminaire Description: Nano pivot SW 9.75 4000K

Lamp Catalog: Optic BA 45 degree

Luminous Width (mm): 28

Voltage: 24.0 V

Power: 32.31 W

Luminous Length (mm): 1000

Luminous Height (mm): 36

Current: 1.346 A

Power Factor: 1.000

Photometric Results

CIE Class: Direct

Measurement Flux: 2451.9 lm

Downward Ratio: 97%

Horizontal Diffuse Angle(10%,50%): H79.1,H43.7

Vertical Diffuse Angle(10%,50%): V79.2,V44.7

Luminaire Efficacy Rating (LER): 76

Max. Intensity: 3633.52 cd

Total Rated Lamp Lumens: 2451.9 lm

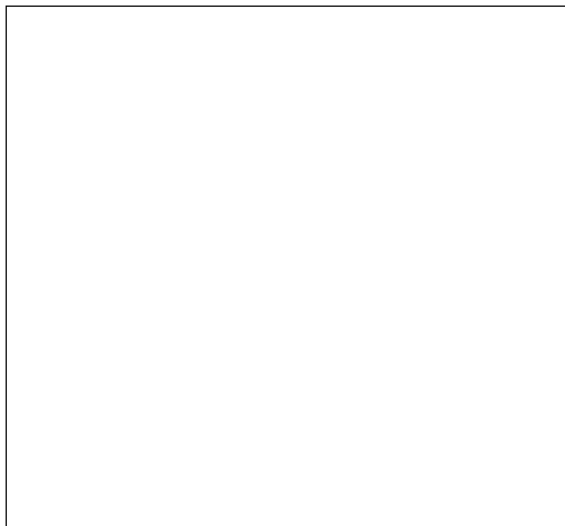
Efficiency: 100%

Upward Ratio: 3%

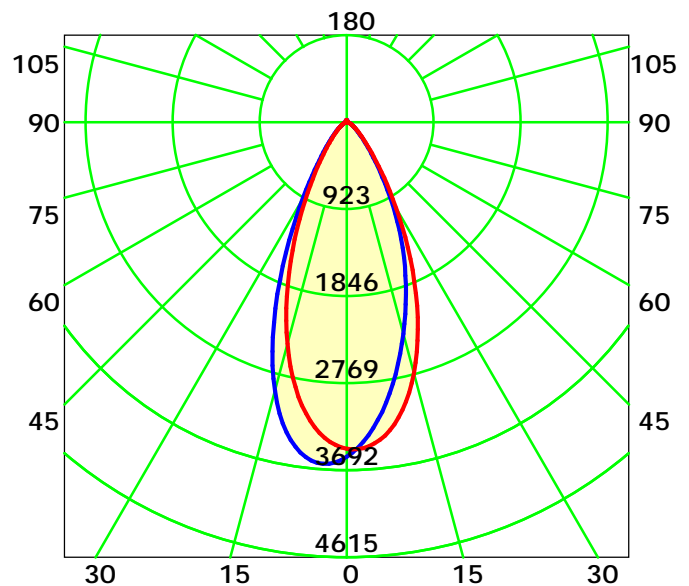
Central Intensity: 3549.91 cd

Pos of Max. Intensity: H180 V4

Picture Of Luminaire



Luminous Intensity Distribution Curve



Average Diffuse Angle(50%): 44.2° 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

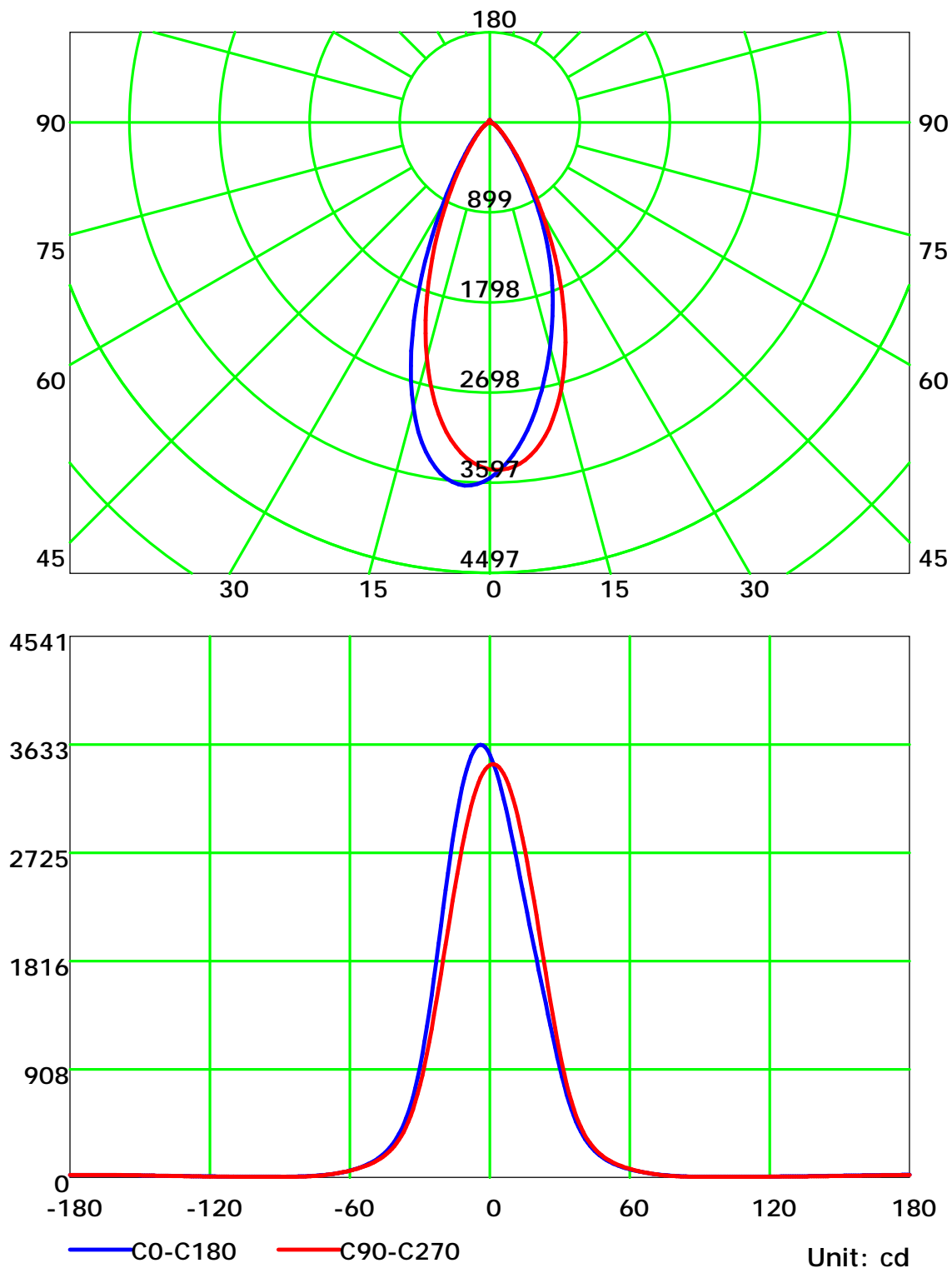
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

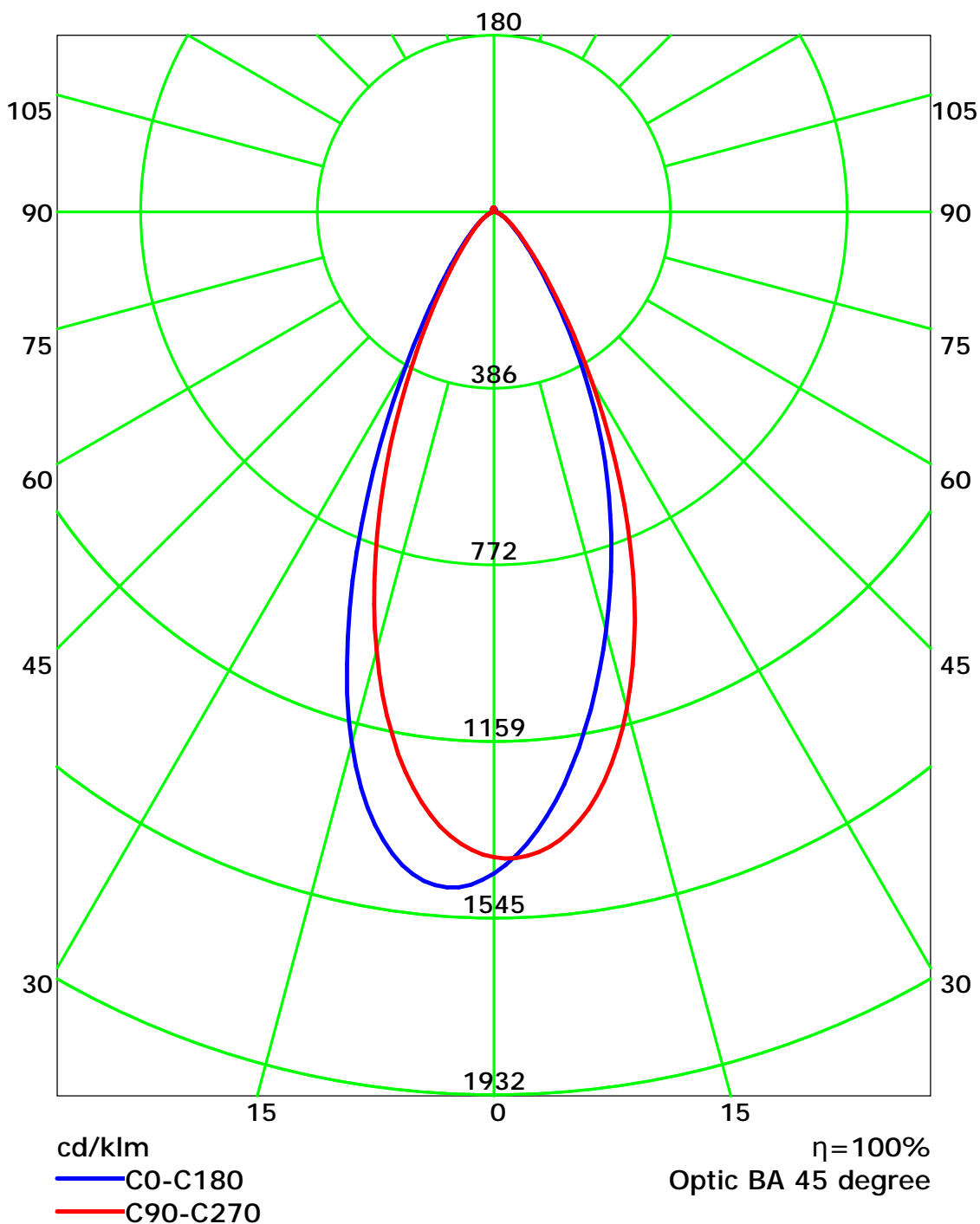
Luminous Intensity Distribution Curve



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:

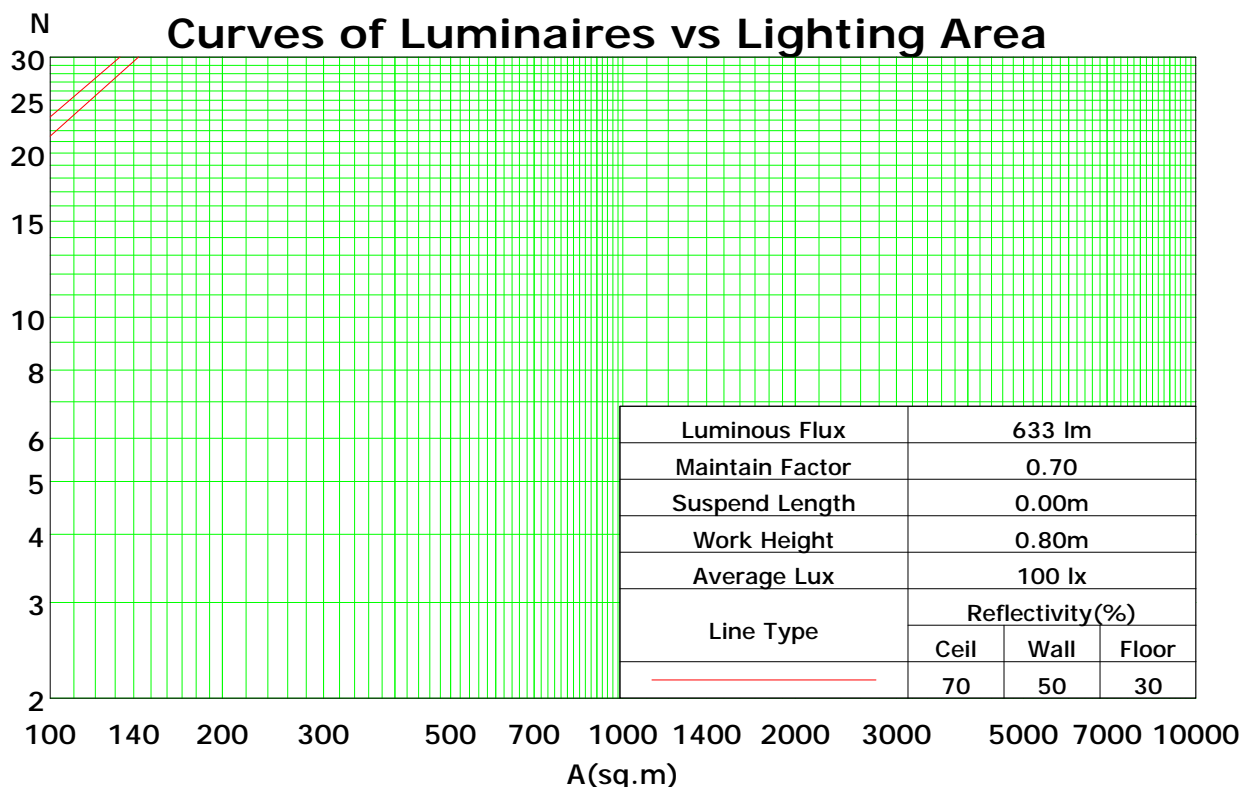
Coefficients Of Utilization - Zonal Cavity Method

| | | | | | | | | | | | | | | | | | | |
|-----|----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|
| 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 | 118 | 118 | 118 | 118 | 115 | 115 | 115 | 115 | 109 | 109 | 109 | 104 | 104 | 104 | 99 | 99 | 99 | 97 |
| 1 | 112 | 109 | 107 | 104 | 110 | 107 | 104 | 102 | 102 | 100 | 99 | 98 | 97 | 95 | 94 | 93 | 92 | 90 |
| 2 | 106 | 101 | 97 | 93 | 104 | 99 | 95 | 92 | 95 | 92 | 90 | 92 | 89 | 87 | 89 | 87 | 85 | 83 |
| 3 | 101 | 94 | 89 | 85 | 99 | 92 | 88 | 84 | 89 | 85 | 82 | 87 | 83 | 80 | 84 | 81 | 79 | 77 |
| 4 | 96 | 88 | 82 | 78 | 94 | 86 | 81 | 77 | 84 | 79 | 76 | 81 | 78 | 75 | 79 | 76 | 73 | 72 |
| 5 | 91 | 82 | 76 | 72 | 89 | 81 | 75 | 71 | 79 | 74 | 70 | 77 | 73 | 69 | 75 | 71 | 69 | 67 |
| 6 | 86 | 77 | 71 | 67 | 85 | 76 | 70 | 66 | 74 | 69 | 66 | 73 | 68 | 65 | 71 | 67 | 64 | 63 |
| 7 | 82 | 73 | 67 | 62 | 81 | 72 | 66 | 62 | 70 | 65 | 61 | 69 | 64 | 61 | 67 | 63 | 60 | 59 |
| 8 | 78 | 69 | 63 | 58 | 77 | 68 | 62 | 58 | 67 | 61 | 58 | 65 | 61 | 57 | 64 | 60 | 57 | 56 |
| 9 | 75 | 65 | 59 | 55 | 73 | 64 | 59 | 55 | 63 | 58 | 55 | 62 | 57 | 54 | 61 | 57 | 54 | 52 |
| 10 | 71 | 62 | 56 | 52 | 70 | 61 | 56 | 52 | 60 | 55 | 52 | 59 | 55 | 51 | 58 | 54 | 51 | 50 |

Spacing Criteria (0-180): 0.71

Spacing Criteria (90-270): 0.71

Spacing Criteria (Diagonal): 0.71



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

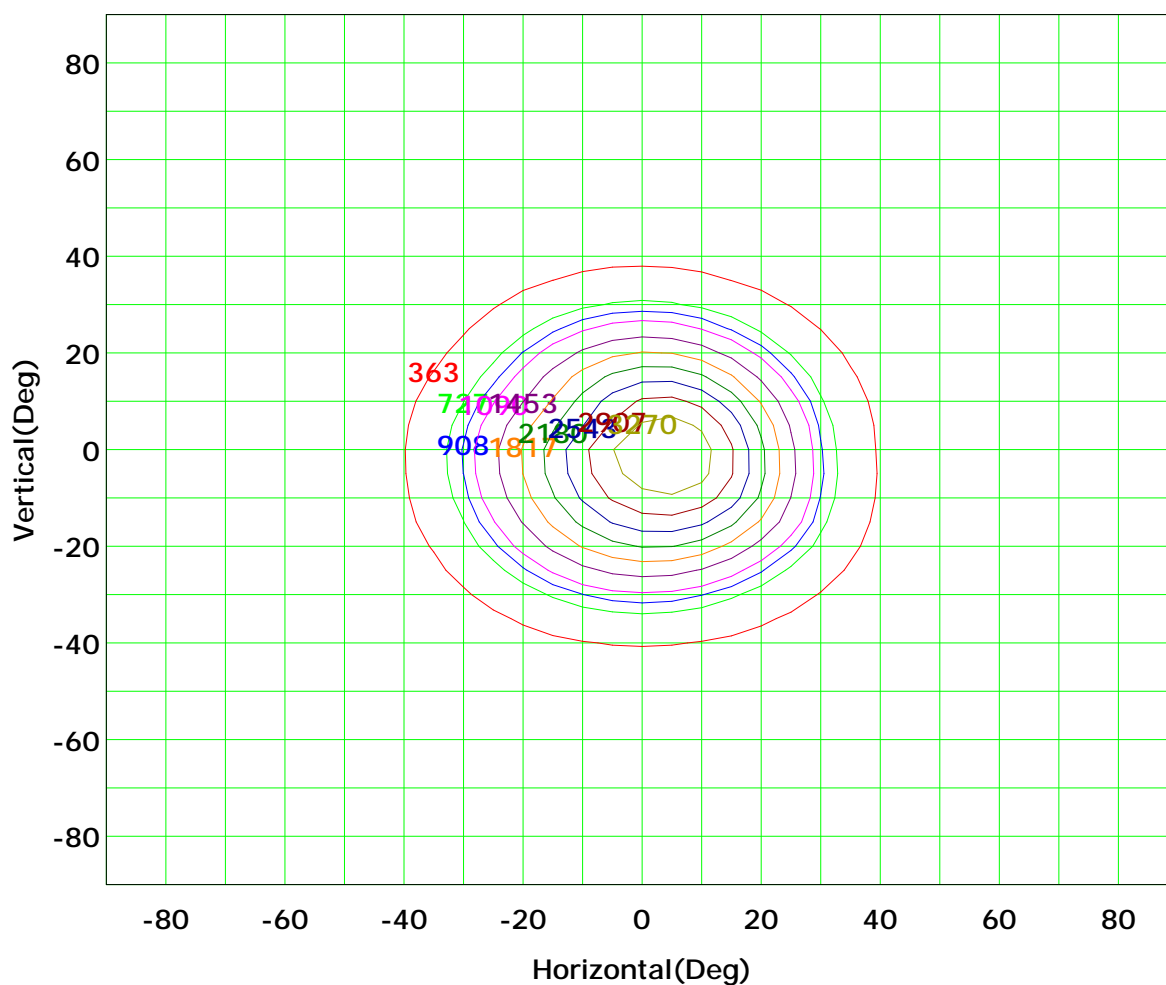
Test Device: GPM-1800B

Distance: 9.028 m

Humidity: 60%

Inspector:

Isocandela (rectangle)



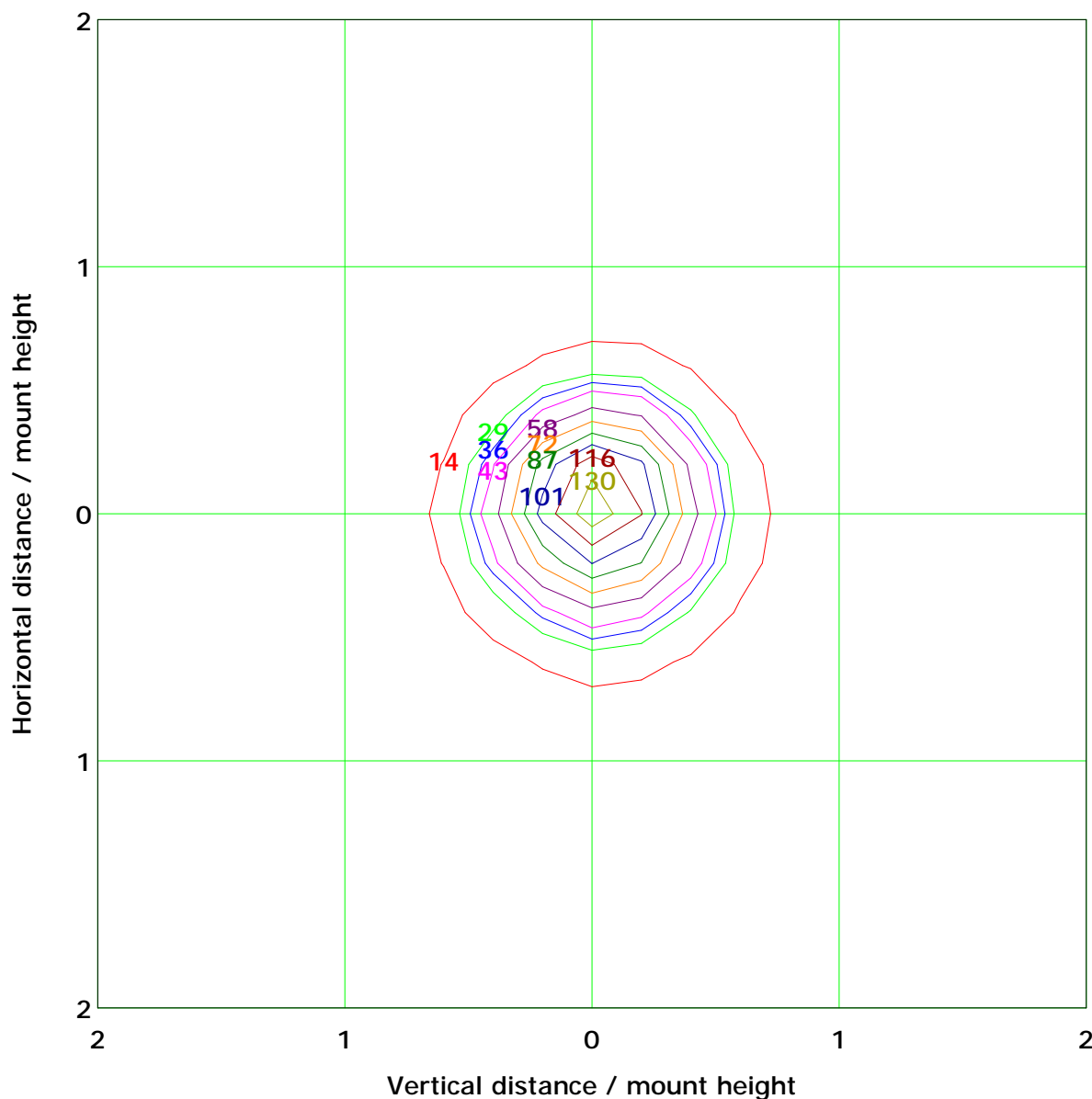
Imax (100%): 3634 cd

| | |
|-----------------|-----------------|
| (10%): 363 cd | (20%): 727 cd |
| (25%): 908 cd | (30%): 1090 cd |
| (40%): 1453 cd | (50%): 1817 cd |
| (60%): 2180 cd | (70%): 2543 cd |
| (80%): 2907 cd | (90%): 3270 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%): 144.5 lx | |
| (10%): 14.5 lx | | (20%): 28.9 lx | |
| (25%): 36.1 lx | | (30%): 43.4 lx | |
| (40%): 57.8 lx | | (50%): 72.3 lx | |
| (60%): 86.7 lx | | (70%): 101.2 lx | |
| (80%): 115.6 lx | | (90%): 130.1 lx | |

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

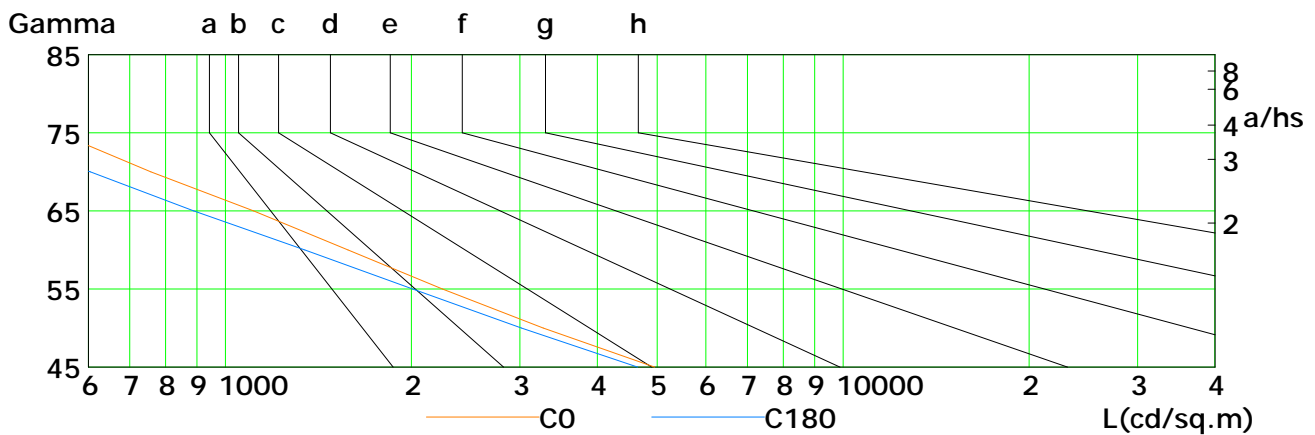
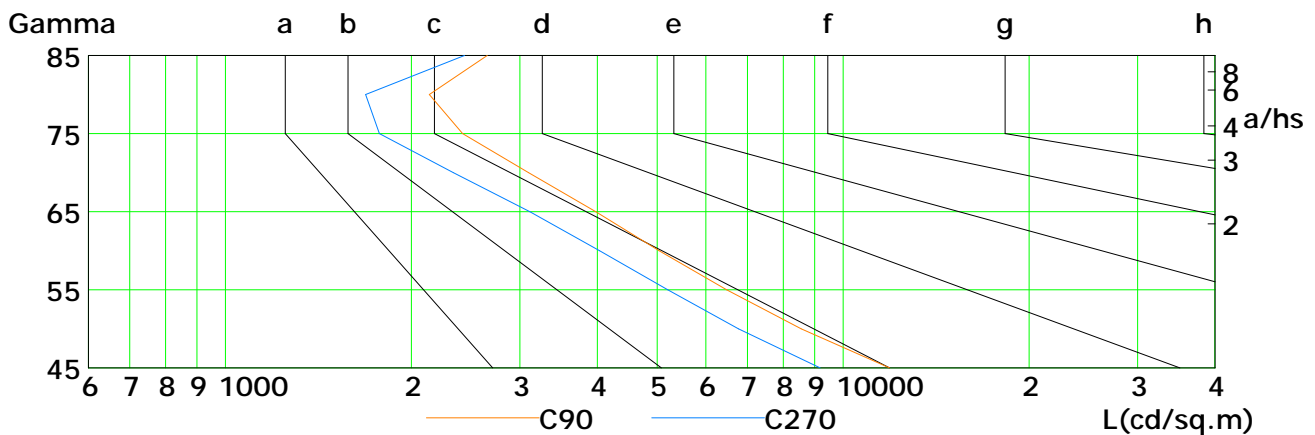
Gamma Plane (°):0.0-180.0:1.0
Test Device: GPM-1800B
Distance: 9.028 m
Humidity: 60%
Inspector:



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



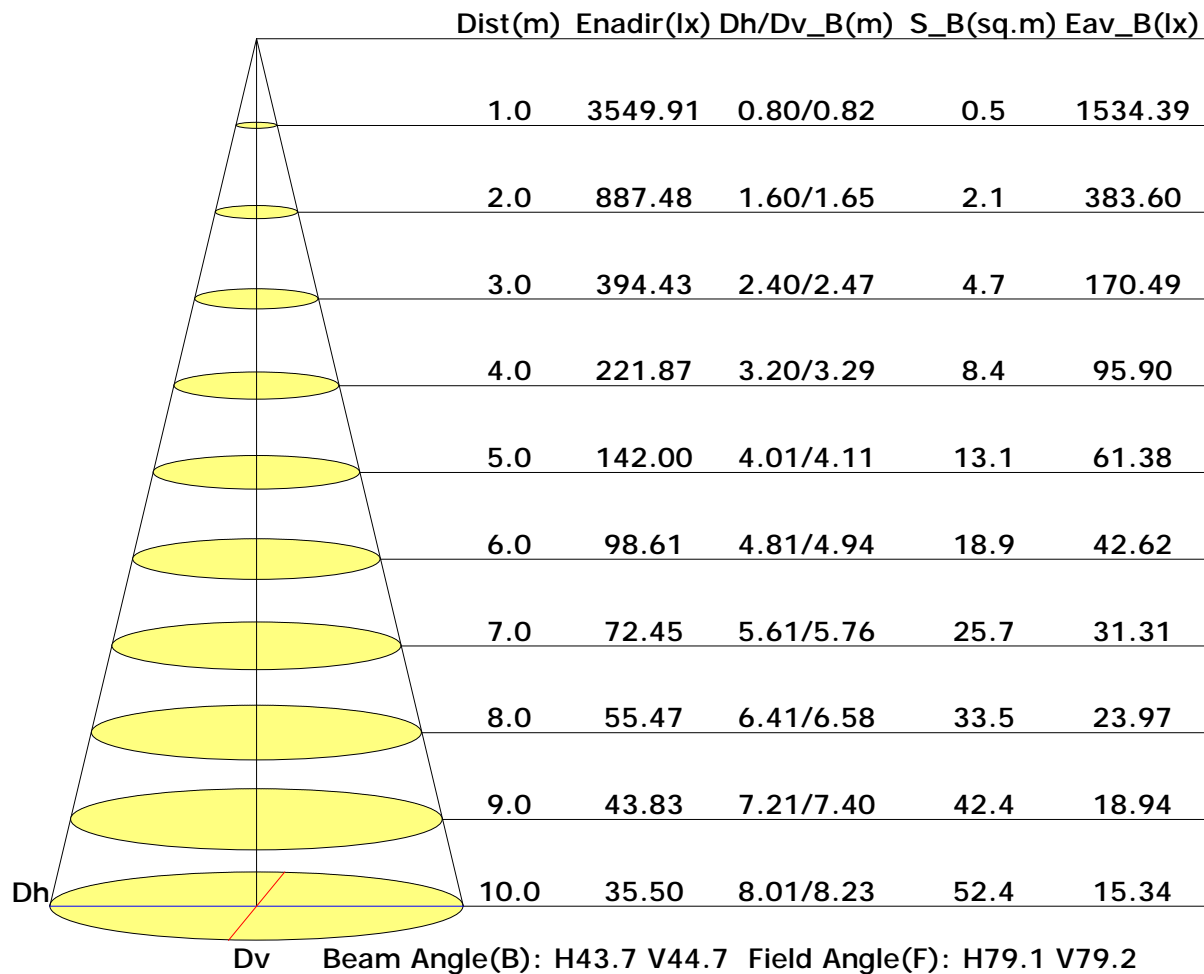
| L(cd/sq.m) | G45 | G50 | G55 | G60 | G65 | G70 | G75 | G80 | G85 |
|------------|-------|------|------|------|------|------|------|------|------|
| C0 | 4955 | 3270 | 2246 | 1580 | 1111 | 758 | 537 | 377 | 285 |
| C90 | 11895 | 8561 | 6478 | 5035 | 3979 | 3096 | 2421 | 2140 | 2653 |
| C180 | 4652 | 3018 | 2010 | 1344 | 889 | 605 | 425 | 311 | 243 |
| C270 | 9185 | 6770 | 5204 | 4034 | 3111 | 2339 | 1776 | 1687 | 2439 |

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:



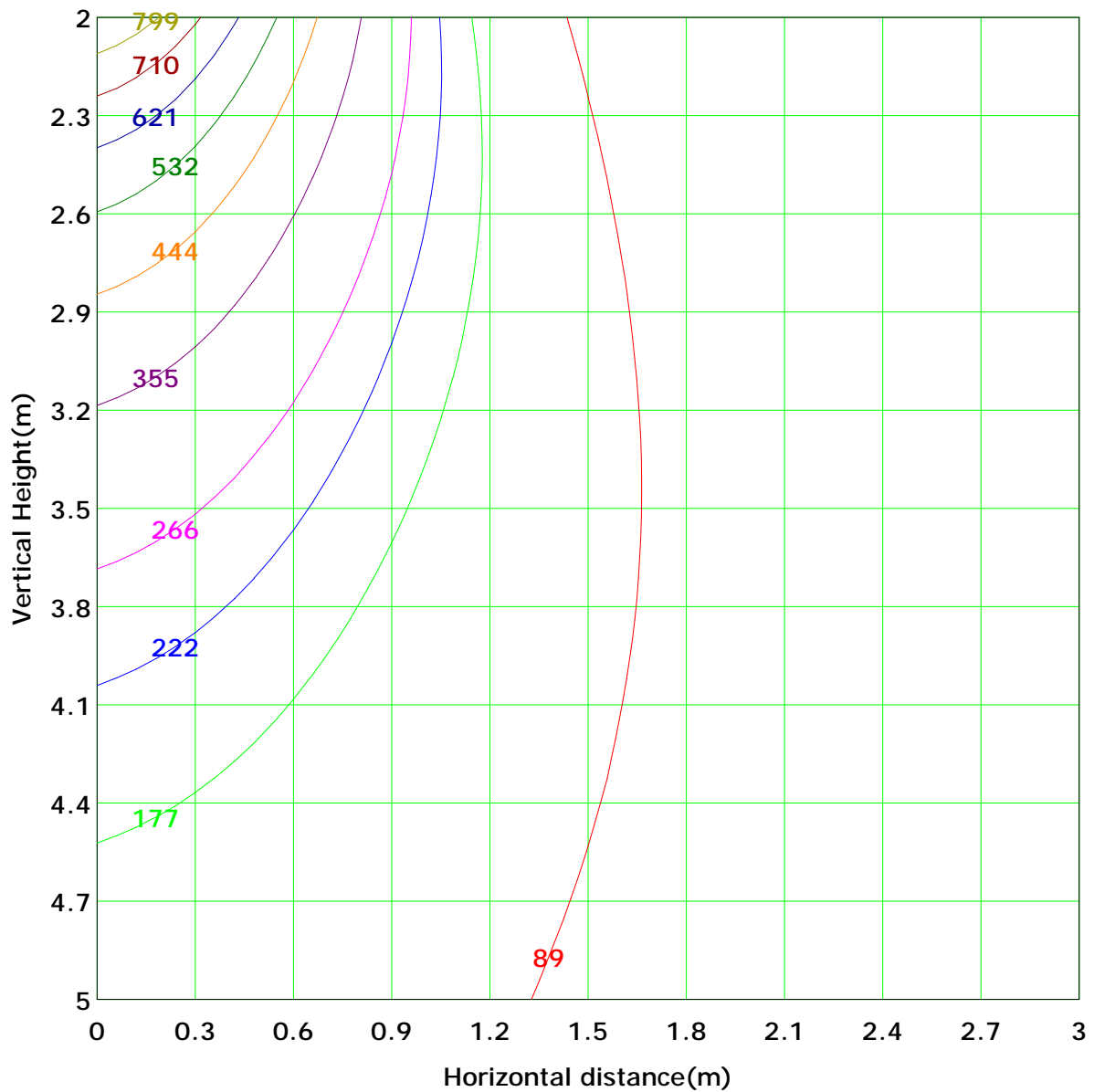
Illuminance at a Distance



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: 887.5 lx |
| (10%): 88.7 lx | (20%): 177.5 lx | |
| (25%): 221.9 lx | (30%): 266.2 lx | |
| (40%): 355.0 lx | (50%): 443.7 lx | |
| (60%): 532.5 lx | (70%): 621.2 lx | |
| (80%): 710.0 lx | (90%): 798.7 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:

Area Flux Table

Unit: lm

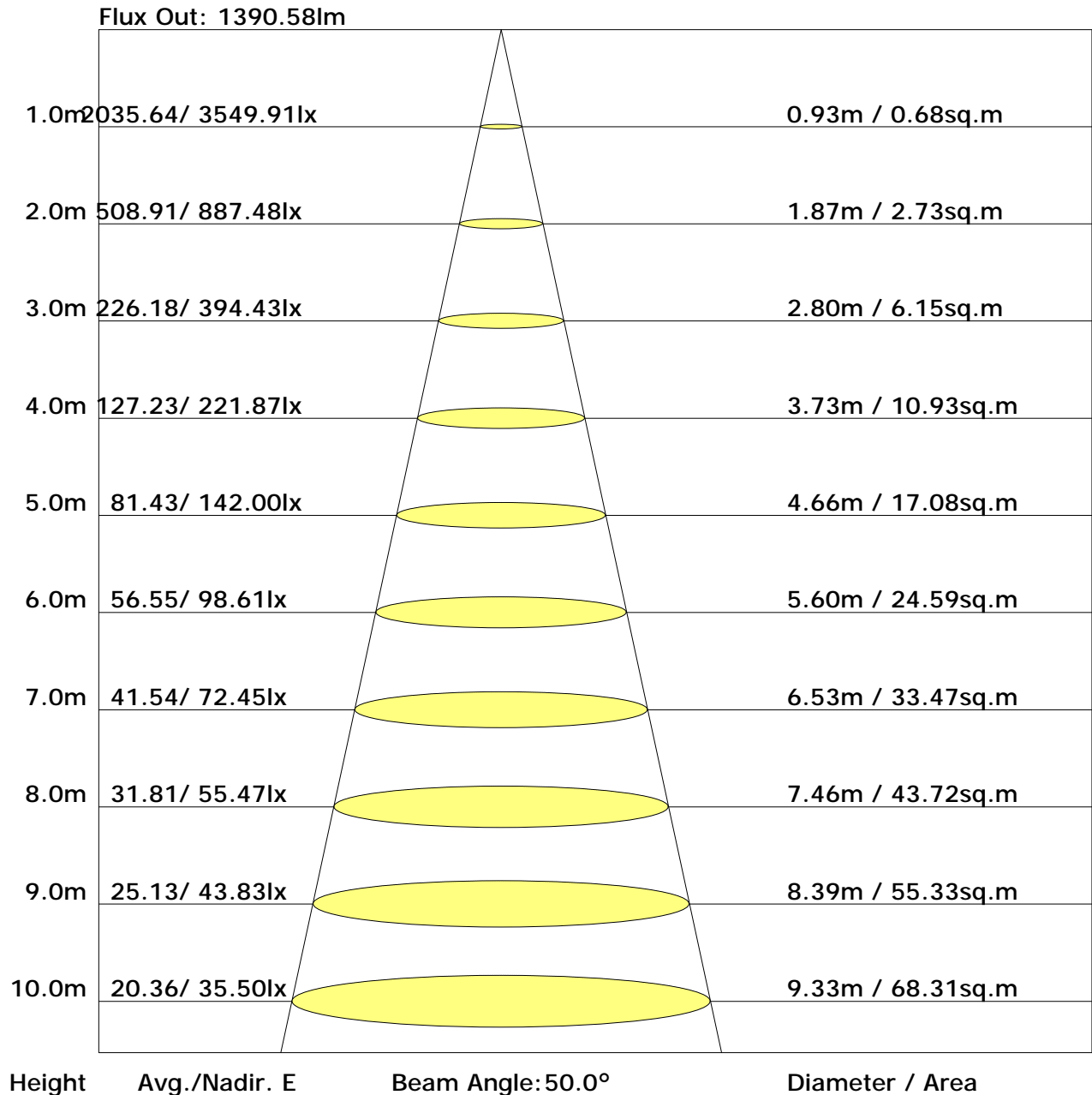
| Flux(E) | Vertical plane | | | | | | | | | | | | | | | | | Flux(T) | Flux(E) |
|---------|----------------|-----|------|------|------|-------|-------|-------|-------|-------|-------|------|------|------|-----|-----|-----|---------|---------|
| | -90 | -80 | -70 | -60 | -50 | -40 | -30 | -20 | -10 | 0 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.1 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.4 | 0.5 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.4 | 0.6 | 0.8 | 1.1 | 1.2 | 1.2 | 1.1 | 0.9 | 0.6 | 0.4 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.2 | 0.4 | 0.7 | 1.2 | 1.8 | 2.3 | 2.7 | 2.7 | 2.4 | 1.9 | 1.3 | 0.8 | 0.4 | 0.2 | 0.1 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.3 | 0.6 | 1.3 | 2.2 | 3.5 | 4.9 | 5.8 | 5.8 | 4.9 | 3.6 | 2.3 | 1.3 | 0.6 | 0.3 | 0.1 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.3 | 0.9 | 2.0 | 3.9 | 7.0 | 11.0 | 14.3 | 14.3 | 11.0 | 6.9 | 3.8 | 1.9 | 0.9 | 0.4 | 0.1 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.4 | 1.2 | 2.9 | 6.6 | 14.3 | 26.6 | 36.9 | 36.1 | 25.6 | 13.5 | 6.2 | 2.8 | 1.3 | 0.6 | 0.3 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.5 | 1.5 | 3.9 | 10.3 | 26.9 | 54.2 | 72.5 | 67.3 | 46.0 | 23.8 | 9.9 | 3.9 | 1.6 | 0.6 | 0.2 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.5 | 1.6 | 4.6 | 13.6 | 39.5 | 79.0 | 100.8 | 89.1 | 62.1 | 34.5 | 13.7 | 4.8 | 1.8 | 0.7 | 0.2 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.5 | 1.7 | 4.8 | 14.7 | 43.0 | 84.4 | 103.9 | 94.9 | 67.1 | 37.1 | 14.6 | 5.0 | 1.8 | 0.7 | 0.2 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.5 | 1.6 | 4.4 | 12.6 | 34.6 | 65.5 | 82.6 | 76.7 | 54.9 | 29.7 | 11.9 | 4.4 | 1.7 | 0.6 | 0.2 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.5 | 1.3 | 3.5 | 8.6 | 19.4 | 35.5 | 47.4 | 46.0 | 33.3 | 18.0 | 7.9 | 3.4 | 1.4 | 0.5 | 0.2 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.4 | 1.0 | 2.4 | 5.0 | 9.2 | 14.9 | 19.5 | 19.4 | 14.7 | 8.9 | 4.8 | 2.4 | 1.1 | 0.4 | 0.1 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.3 | 0.7 | 1.6 | 2.8 | 4.5 | 6.3 | 7.5 | 7.5 | 6.2 | 4.5 | 2.8 | 1.6 | 1.0 | 0.5 | 0.3 | 0.1 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.2 | 0.5 | 0.9 | 1.5 | 2.3 | 2.9 | 3.3 | 3.3 | 3.0 | 2.3 | 1.6 | 1.0 | 0.5 | 0.3 | 0.1 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.3 | 0.5 | 0.8 | 1.1 | 1.4 | 1.5 | 1.6 | 1.4 | 1.2 | 0.9 | 0.6 | 0.3 | 0.2 | 0.1 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.5 | 0.6 | 0.6 | 0.6 | 0.6 | 0.5 | 0.4 | 0.3 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.0 | 0.0 |
| 0.4 | 1.8 | 5.3 | 14.0 | 34.6 | 85.5 | 209.3 | 391.3 | 501.6 | 467.5 | 335.3 | 188.2 | 83.5 | 35.1 | 15.2 | 6.1 | 2.2 | 0.5 | 2377 | 2027 |

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



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

| | | | | | | | | | | |
|------------------|------------------|------|------|------|------|----------------|-----|-----|-----|-----|
| 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 | 8.0 | 9.1 | 8.5 | 9.4 | 9.8 | 6.8 | 7.8 | 7.2 | 8.2 | 8.6 |
| 3H | 8.9 | 9.8 | 9.3 | 10.2 | 10.6 | 7.3 | 8.2 | 7.8 | 8.6 | 9.1 |
| 4H | 9.2 | 10.0 | 9.7 | 10.5 | 10.9 | 7.4 | 8.3 | 7.9 | 8.7 | 9.1 |
| 6H | 9.5 | 10.2 | 9.9 | 10.7 | 11.1 | 7.4 | 8.2 | 7.9 | 8.6 | 9.1 |
| 8H | 9.6 | 10.3 | 10.1 | 10.8 | 11.3 | 7.4 | 8.1 | 7.9 | 8.6 | 9.1 |
| 12H | 9.7 | 10.4 | 10.2 | 10.9 | 11.4 | 7.4 | 8.1 | 7.9 | 8.5 | 9.0 |
| X=4H Y=2H | 8.0 | 8.9 | 8.5 | 9.3 | 9.8 | 7.0 | 7.8 | 7.4 | 8.2 | 8.7 |
| 3H | 9.0 | 9.7 | 9.4 | 10.1 | 10.6 | 7.6 | 8.3 | 8.1 | 8.8 | 9.3 |
| 4H | 9.3 | 9.9 | 9.8 | 10.4 | 10.9 | 7.8 | 8.4 | 8.2 | 8.9 | 9.4 |
| 6H | 9.6 | 10.2 | 10.2 | 10.7 | 11.2 | 7.8 | 8.4 | 8.3 | 8.9 | 9.4 |
| 8H | 9.8 | 10.3 | 10.3 | 10.8 | 11.3 | 7.8 | 8.3 | 8.3 | 8.8 | 9.4 |
| 12H | 10.0 | 10.4 | 10.5 | 11.0 | 11.5 | 7.8 | 8.3 | 8.4 | 8.8 | 9.3 |
| X=8H Y=4H | 9.2 | 9.7 | 9.7 | 10.2 | 10.8 | 7.7 | 8.2 | 8.3 | 8.7 | 9.3 |
| 6H | 9.6 | 10.0 | 10.1 | 10.5 | 11.1 | 7.8 | 8.2 | 8.4 | 8.8 | 9.3 |
| 8H | 9.8 | 10.1 | 10.3 | 10.7 | 11.2 | 7.9 | 8.2 | 8.5 | 8.8 | 9.4 |
| 12H | 10.0 | 10.3 | 10.6 | 10.9 | 11.5 | 7.9 | 8.2 | 8.5 | 8.8 | 9.4 |
| X=12H Y=4H | 9.2 | 9.6 | 9.7 | 10.1 | 10.7 | 7.7 | 8.1 | 8.2 | 8.7 | 9.2 |
| 6H | 9.5 | 9.9 | 10.1 | 10.4 | 11.0 | 7.8 | 8.2 | 8.4 | 8.7 | 9.3 |
| 8H | 9.7 | 10.0 | 10.3 | 10.6 | 11.2 | 7.9 | 8.2 | 8.4 | 8.7 | 9.4 |

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 | 0.80 | 0.87 | 0.92 | 0.95 | 1.00 | 1.03 | 1.05 | 1.07 | 1.09 |
| | 0.30 | | 0.75 | 0.83 | 0.88 | 0.91 | 0.96 | 0.99 | 1.02 | 1.05 | 1.07 |
| | 0.20 | | 0.72 | 0.79 | 0.84 | 0.88 | 0.93 | 0.97 | 0.99 | 1.03 | 1.05 |
| 0.50 | 0.50 | 0.20 | 0.79 | 0.85 | 0.90 | 0.93 | 0.97 | 0.99 | 1.01 | 1.03 | 1.04 |
| | 0.30 | | 0.74 | 0.81 | 0.86 | 0.89 | 0.94 | 0.96 | 0.98 | 1.01 | 1.03 |
| | 0.20 | | 0.71 | 0.78 | 0.83 | 0.86 | 0.91 | 0.94 | 0.96 | 0.99 | 1.01 |
| 0.30 | 0.50 | 0.20 | 0.77 | 0.83 | 0.87 | 0.90 | 0.94 | 0.96 | 0.97 | 0.99 | 1.00 |
| | 0.30 | | 0.74 | 0.80 | 0.84 | 0.87 | 0.91 | 0.94 | 0.95 | 0.97 | 0.99 |
| | 0.20 | | 0.71 | 0.77 | 0.81 | 0.85 | 0.89 | 0.92 | 0.94 | 0.96 | 0.98 |
| 0.00 | 0.00 | 0.00 | 0.69 | 0.75 | 0.79 | 0.82 | 0.85 | 0.88 | 0.89 | 0.91 | 0.92 |
| Rating: 32W 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 | 0.63 | 0.51 | 0.43 | 0.37 | 0.29 | 0.24 | 0.21 | 0.16 | 0.13 |
| | 0.30 | | 0.53 | 0.44 | 0.38 | 0.33 | 0.27 | 0.22 | 0.19 | 0.15 | 0.12 |
| | 0.20 | | 0.45 | 0.38 | 0.33 | 0.30 | 0.24 | 0.20 | 0.18 | 0.14 | 0.12 |
| 0.50 | 0.50 | 0.20 | 0.60 | 0.48 | 0.40 | 0.35 | 0.27 | 0.26 | 0.19 | 0.15 | 0.12 |
| | 0.30 | | 0.51 | 0.42 | 0.36 | 0.31 | 0.25 | 0.21 | 0.18 | 0.14 | 0.11 |
| | 0.20 | | 0.44 | 0.37 | 0.32 | 0.28 | 0.23 | 0.19 | 0.17 | 0.13 | 0.11 |
| 0.30 | 0.50 | 0.20 | 0.57 | 0.45 | 0.38 | 0.32 | 0.25 | 0.20 | 0.17 | 0.13 | 0.11 |
| | 0.30 | | 0.49 | 0.40 | 0.34 | 0.29 | 0.23 | 0.19 | 0.16 | 0.13 | 0.10 |
| | 0.20 | | 0.43 | 0.35 | 0.30 | 0.27 | 0.21 | 0.18 | 0.15 | 0.12 | 0.10 |
| 0.00 | 0.00 | 0.00 | 0.29 | 0.23 | 0.19 | 0.16 | 0.13 | 0.10 | 0.09 | 0.07 | 0.05 |
| <p>Rating: 32W 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 | 0.16 | 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 | 0.22 | 0.22 | |
| | 0.20 | | 0.09 | 0.11 | 0.12 | 0.14 | 0.16 | 0.17 | 0.18 | 0.20 | 0.21 | |
| 0.50 | 0.50 | 0.20 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.21 | 0.22 | 0.22 | 0.23 | |
| | 0.30 | | 0.12 | 0.13 | 0.15 | 0.16 | 0.18 | 0.19 | 0.20 | 0.21 | 0.22 | |
| | 0.20 | | 0.09 | 0.11 | 0.12 | 0.13 | 0.15 | 0.17 | 0.18 | 0.19 | 0.20 | |
| 0.30 | 0.50 | 0.20 | 0.15 | 0.17 | 0.18 | 0.18 | 0.19 | 0.20 | 0.21 | 0.21 | 0.22 | |
| | 0.30 | | 0.11 | 0.13 | 0.14 | 0.16 | 0.17 | 0.18 | 0.19 | 0.20 | 0.21 | |
| | 0.20 | | 0.09 | 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: 32W 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 | 3473.8 | 3.3 | 3.3 | 0.14 | 0.14 |
| 1.0-2.0 | 3465.8 | 9.9 | 13.3 | 0.41 | 0.54 |
| 2.0-3.0 | 3449.7 | 16.5 | 29.8 | 0.67 | 1.21 |
| 3.0-4.0 | 3425.7 | 22.9 | 52.7 | 0.94 | 2.15 |
| 4.0-5.0 | 3393.5 | 29.2 | 81.9 | 1.19 | 3.34 |
| 5.0-6.0 | 3352.8 | 35.2 | 117.1 | 1.44 | 4.78 |
| 6.0-7.0 | 3304.1 | 41.0 | 158.2 | 1.67 | 6.45 |
| 7.0-8.0 | 3247.4 | 46.5 | 204.6 | 1.90 | 8.35 |
| 8.0-9.0 | 3182.9 | 51.6 | 256.2 | 2.10 | 10.45 |
| 9.0-10.0 | 3111.3 | 56.3 | 312.5 | 2.30 | 12.75 |
| 10.0-11.0 | 3033.0 | 60.6 | 373.2 | 2.47 | 15.22 |
| 11.0-12.0 | 2947.6 | 64.4 | 437.6 | 2.63 | 17.85 |
| 12.0-13.0 | 2856.0 | 67.8 | 505.4 | 2.76 | 20.61 |
| 13.0-14.0 | 2760.0 | 70.7 | 576.0 | 2.88 | 23.49 |
| 14.0-15.0 | 2658.1 | 73.0 | 649.0 | 2.98 | 26.47 |
| 15.0-16.0 | 2550.6 | 74.7 | 723.8 | 3.05 | 29.52 |
| 16.0-17.0 | 2440.1 | 76.0 | 799.8 | 3.10 | 32.62 |
| 17.0-18.0 | 2326.2 | 76.7 | 876.5 | 3.13 | 35.75 |
| 18.0-19.0 | 2208.8 | 76.9 | 953.3 | 3.13 | 38.88 |
| 19.0-20.0 | 2089.9 | 76.5 | 1029.8 | 3.12 | 42.00 |
| 20.0-21.0 | 1969.7 | 75.6 | 1105.5 | 3.09 | 45.09 |
| 21.0-22.0 | 1848.3 | 74.3 | 1179.8 | 3.03 | 48.12 |
| 22.0-23.0 | 1728.1 | 72.5 | 1252.3 | 2.96 | 51.07 |
| 23.0-24.0 | 1609.8 | 70.4 | 1322.7 | 2.87 | 53.95 |
| 24.0-25.0 | 1493.0 | 67.9 | 1390.6 | 2.77 | 56.71 |
| 25.0-26.0 | 1379.2 | 65.1 | 1455.7 | 2.66 | 59.37 |
| 26.0-27.0 | 1268.9 | 62.1 | 1517.8 | 2.53 | 61.90 |
| 27.0-28.0 | 1162.3 | 58.9 | 1576.6 | 2.40 | 64.30 |
| 28.0-29.0 | 1061.2 | 55.5 | 1632.2 | 2.26 | 66.57 |
| 29.0-30.0 | 967.0 | 52.2 | 1684.4 | 2.13 | 68.70 |
| 30.0-31.0 | 878.4 | 48.9 | 1733.3 | 1.99 | 70.69 |
| 31.0-32.0 | 795.9 | 45.6 | 1778.9 | 1.86 | 72.55 |
| 32.0-33.0 | 720.8 | 42.5 | 1821.3 | 1.73 | 74.28 |
| 33.0-34.0 | 651.9 | 39.5 | 1860.8 | 1.61 | 75.89 |
| 34.0-35.0 | 588.8 | 36.6 | 1897.4 | 1.49 | 77.38 |
| 35.0-36.0 | 532.5 | 33.9 | 1931.3 | 1.38 | 78.77 |

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 | 481.6 | 31.4 | 1962.7 | 1.28 | 80.05 |
| 37.0-38.0 | 435.7 | 29.1 | 1991.8 | 1.19 | 81.23 |
| 38.0-39.0 | 395.0 | 27.0 | 2018.7 | 1.10 | 82.33 |
| 39.0-40.0 | 358.4 | 25.0 | 2043.7 | 1.02 | 83.35 |
| 40.0-41.0 | 325.6 | 23.2 | 2066.9 | 0.95 | 84.30 |
| 41.0-42.0 | 296.7 | 21.6 | 2088.5 | 0.88 | 85.18 |
| 42.0-43.0 | 271.0 | 20.1 | 2108.6 | 0.82 | 86.00 |
| 43.0-44.0 | 247.7 | 18.7 | 2127.3 | 0.76 | 86.76 |
| 44.0-45.0 | 226.8 | 17.4 | 2144.7 | 0.71 | 87.47 |
| 45.0-46.0 | 208.0 | 16.3 | 2161.0 | 0.66 | 88.13 |
| 46.0-47.0 | 190.9 | 15.2 | 2176.1 | 0.62 | 88.75 |
| 47.0-48.0 | 175.6 | 14.2 | 2190.3 | 0.58 | 89.33 |
| 48.0-49.0 | 162.0 | 13.3 | 2203.6 | 0.54 | 89.88 |
| 49.0-50.0 | 149.5 | 12.5 | 2216.1 | 0.51 | 90.38 |
| 50.0-51.0 | 137.9 | 11.7 | 2227.8 | 0.48 | 90.86 |
| 51.0-52.0 | 127.5 | 10.9 | 2238.7 | 0.45 | 91.31 |
| 52.0-53.0 | 118.0 | 10.3 | 2249.0 | 0.42 | 91.72 |
| 53.0-54.0 | 109.2 | 9.6 | 2258.6 | 0.39 | 92.12 |
| 54.0-55.0 | 101.1 | 9.0 | 2267.7 | 0.37 | 92.49 |
| 55.0-56.0 | 93.6 | 8.5 | 2276.1 | 0.35 | 92.83 |
| 56.0-57.0 | 86.7 | 7.9 | 2284.0 | 0.32 | 93.15 |
| 57.0-58.0 | 80.3 | 7.4 | 2291.5 | 0.30 | 93.46 |
| 58.0-59.0 | 74.4 | 7.0 | 2298.4 | 0.28 | 93.74 |
| 59.0-60.0 | 68.8 | 6.5 | 2304.9 | 0.27 | 94.01 |
| 60.0-61.0 | 63.6 | 6.1 | 2311.0 | 0.25 | 94.25 |
| 61.0-62.0 | 58.7 | 5.7 | 2316.7 | 0.23 | 94.48 |
| 62.0-63.0 | 54.1 | 5.3 | 2321.9 | 0.21 | 94.70 |
| 63.0-64.0 | 49.8 | 4.9 | 2326.8 | 0.20 | 94.90 |
| 64.0-65.0 | 45.8 | 4.5 | 2331.3 | 0.18 | 95.08 |
| 65.0-66.0 | 42.0 | 4.2 | 2335.5 | 0.17 | 95.25 |
| 66.0-67.0 | 38.4 | 3.9 | 2339.4 | 0.16 | 95.41 |
| 67.0-68.0 | 35.1 | 3.6 | 2343.0 | 0.15 | 95.56 |
| 68.0-69.0 | 32.0 | 3.3 | 2346.2 | 0.13 | 95.69 |
| 69.0-70.0 | 29.1 | 3.0 | 2349.2 | 0.12 | 95.81 |
| 70.0-71.0 | 26.5 | 2.7 | 2351.9 | 0.11 | 95.92 |
| 71.0-72.0 | 24.1 | 2.5 | 2354.4 | 0.10 | 96.03 |

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 | 21.8 | 2.3 | 2356.7 | 0.09 | 96.12 |
| 73.0-74.0 | 19.8 | 2.1 | 2358.8 | 0.08 | 96.20 |
| 74.0-75.0 | 18.0 | 1.9 | 2360.7 | 0.08 | 96.28 |
| 75.0-76.0 | 16.4 | 1.7 | 2362.4 | 0.07 | 96.35 |
| 76.0-77.0 | 14.9 | 1.6 | 2364.0 | 0.06 | 96.42 |
| 77.0-78.0 | 13.6 | 1.5 | 2365.5 | 0.06 | 96.48 |
| 78.0-79.0 | 12.4 | 1.3 | 2366.8 | 0.05 | 96.53 |
| 79.0-80.0 | 11.5 | 1.2 | 2368.1 | 0.05 | 96.58 |
| 80.0-81.0 | 10.7 | 1.2 | 2369.2 | 0.05 | 96.63 |
| 81.0-82.0 | 10.0 | 1.1 | 2370.3 | 0.04 | 96.67 |
| 82.0-83.0 | 9.5 | 1.0 | 2371.3 | 0.04 | 96.71 |
| 83.0-84.0 | 9.1 | 1.0 | 2372.3 | 0.04 | 96.75 |
| 84.0-85.0 | 8.7 | 1.0 | 2373.3 | 0.04 | 96.79 |
| 85.0-86.0 | 8.5 | 0.9 | 2374.2 | 0.04 | 96.83 |
| 86.0-87.0 | 8.4 | 0.9 | 2375.1 | 0.04 | 96.87 |
| 87.0-88.0 | 8.3 | 0.9 | 2376.0 | 0.04 | 96.91 |
| 88.0-89.0 | 8.2 | 0.9 | 2376.9 | 0.04 | 96.94 |
| 89.0-90.0 | 8.1 | 0.9 | 2377.8 | 0.04 | 96.98 |
| 90.0-91.0 | 8.1 | 0.9 | 2378.7 | 0.04 | 97.01 |
| 91.0-92.0 | 8.1 | 0.9 | 2379.6 | 0.04 | 97.05 |
| 92.0-93.0 | 8.1 | 0.9 | 2380.5 | 0.04 | 97.09 |
| 93.0-94.0 | 8.1 | 0.9 | 2381.4 | 0.04 | 97.12 |
| 94.0-95.0 | 8.1 | 0.9 | 2382.3 | 0.04 | 97.16 |
| 95.0-96.0 | 8.1 | 0.9 | 2383.1 | 0.04 | 97.20 |
| 96.0-97.0 | 8.1 | 0.9 | 2384.0 | 0.04 | 97.23 |
| 97.0-98.0 | 8.2 | 0.9 | 2384.9 | 0.04 | 97.27 |
| 98.0-99.0 | 8.3 | 0.9 | 2385.8 | 0.04 | 97.30 |
| 99.0-100.0 | 8.3 | 0.9 | 2386.7 | 0.04 | 97.34 |
| 100.0-101.0 | 8.2 | 0.9 | 2387.6 | 0.04 | 97.38 |
| 101.0-102.0 | 8.2 | 0.9 | 2388.5 | 0.04 | 97.41 |
| 102.0-103.0 | 8.2 | 0.9 | 2389.3 | 0.04 | 97.45 |
| 103.0-104.0 | 8.3 | 0.9 | 2390.2 | 0.04 | 97.49 |
| 104.0-105.0 | 8.4 | 0.9 | 2391.1 | 0.04 | 97.52 |
| 105.0-106.0 | 8.5 | 0.9 | 2392.0 | 0.04 | 97.56 |
| 106.0-107.0 | 8.5 | 0.9 | 2392.9 | 0.04 | 97.59 |
| 107.0-108.0 | 8.6 | 0.9 | 2393.8 | 0.04 | 97.63 |

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 | 8.7 | 0.9 | 2394.7 | 0.04 | 97.67 |
| 109.0-110.0 | 8.7 | 0.9 | 2395.6 | 0.04 | 97.71 |
| 110.0-111.0 | 8.8 | 0.9 | 2396.5 | 0.04 | 97.74 |
| 111.0-112.0 | 8.9 | 0.9 | 2397.4 | 0.04 | 97.78 |
| 112.0-113.0 | 9.0 | 0.9 | 2398.4 | 0.04 | 97.82 |
| 113.0-114.0 | 9.1 | 0.9 | 2399.3 | 0.04 | 97.85 |
| 114.0-115.0 | 9.2 | 0.9 | 2400.2 | 0.04 | 97.89 |
| 115.0-116.0 | 9.3 | 0.9 | 2401.1 | 0.04 | 97.93 |
| 116.0-117.0 | 9.4 | 0.9 | 2402.0 | 0.04 | 97.97 |
| 117.0-118.0 | 9.6 | 0.9 | 2403.0 | 0.04 | 98.00 |
| 118.0-119.0 | 9.7 | 0.9 | 2403.9 | 0.04 | 98.04 |
| 119.0-120.0 | 9.9 | 0.9 | 2404.8 | 0.04 | 98.08 |
| 120.0-121.0 | 10.0 | 0.9 | 2405.8 | 0.04 | 98.12 |
| 121.0-122.0 | 10.1 | 0.9 | 2406.7 | 0.04 | 98.16 |
| 122.0-123.0 | 10.3 | 1.0 | 2407.7 | 0.04 | 98.20 |
| 123.0-124.0 | 10.5 | 1.0 | 2408.6 | 0.04 | 98.24 |
| 124.0-125.0 | 10.7 | 1.0 | 2409.6 | 0.04 | 98.28 |
| 125.0-126.0 | 10.9 | 1.0 | 2410.6 | 0.04 | 98.32 |
| 126.0-127.0 | 11.0 | 1.0 | 2411.6 | 0.04 | 98.35 |
| 127.0-128.0 | 11.3 | 1.0 | 2412.5 | 0.04 | 98.39 |
| 128.0-129.0 | 11.5 | 1.0 | 2413.5 | 0.04 | 98.44 |
| 129.0-130.0 | 11.7 | 1.0 | 2414.5 | 0.04 | 98.48 |
| 130.0-131.0 | 11.9 | 1.0 | 2415.5 | 0.04 | 98.52 |
| 131.0-132.0 | 12.2 | 1.0 | 2416.5 | 0.04 | 98.56 |
| 132.0-133.0 | 12.5 | 1.0 | 2417.5 | 0.04 | 98.60 |
| 133.0-134.0 | 12.8 | 1.0 | 2418.5 | 0.04 | 98.64 |
| 134.0-135.0 | 13.1 | 1.0 | 2419.6 | 0.04 | 98.68 |
| 135.0-136.0 | 13.3 | 1.0 | 2420.6 | 0.04 | 98.72 |
| 136.0-137.0 | 13.6 | 1.0 | 2421.6 | 0.04 | 98.77 |
| 137.0-138.0 | 13.9 | 1.0 | 2422.6 | 0.04 | 98.81 |
| 138.0-139.0 | 14.2 | 1.0 | 2423.7 | 0.04 | 98.85 |
| 139.0-140.0 | 14.5 | 1.0 | 2424.7 | 0.04 | 98.89 |
| 140.0-141.0 | 14.8 | 1.0 | 2425.7 | 0.04 | 98.93 |
| 141.0-142.0 | 15.1 | 1.0 | 2426.8 | 0.04 | 98.98 |
| 142.0-143.0 | 15.4 | 1.0 | 2427.8 | 0.04 | 99.02 |
| 143.0-144.0 | 15.7 | 1.0 | 2428.8 | 0.04 | 99.06 |

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 | 16.1 | 1.0 | 2429.8 | 0.04 | 99.10 |
| 145.0-146.0 | 16.4 | 1.0 | 2430.9 | 0.04 | 99.14 |
| 146.0-147.0 | 16.8 | 1.0 | 2431.9 | 0.04 | 99.18 |
| 147.0-148.0 | 17.1 | 1.0 | 2432.9 | 0.04 | 99.22 |
| 148.0-149.0 | 17.4 | 1.0 | 2433.9 | 0.04 | 99.27 |
| 149.0-150.0 | 17.6 | 1.0 | 2434.9 | 0.04 | 99.31 |
| 150.0-151.0 | 17.9 | 1.0 | 2435.8 | 0.04 | 99.34 |
| 151.0-152.0 | 18.2 | 1.0 | 2436.8 | 0.04 | 99.38 |
| 152.0-153.0 | 18.5 | 0.9 | 2437.7 | 0.04 | 99.42 |
| 153.0-154.0 | 18.8 | 0.9 | 2438.6 | 0.04 | 99.46 |
| 154.0-155.0 | 19.0 | 0.9 | 2439.5 | 0.04 | 99.50 |
| 155.0-156.0 | 19.3 | 0.9 | 2440.4 | 0.04 | 99.53 |
| 156.0-157.0 | 19.5 | 0.9 | 2441.3 | 0.03 | 99.57 |
| 157.0-158.0 | 19.8 | 0.8 | 2442.1 | 0.03 | 99.60 |
| 158.0-159.0 | 20.0 | 0.8 | 2442.9 | 0.03 | 99.63 |
| 159.0-160.0 | 20.2 | 0.8 | 2443.7 | 0.03 | 99.66 |
| 160.0-161.0 | 20.5 | 0.7 | 2444.4 | 0.03 | 99.70 |
| 161.0-162.0 | 20.8 | 0.7 | 2445.2 | 0.03 | 99.73 |
| 162.0-163.0 | 21.0 | 0.7 | 2445.8 | 0.03 | 99.75 |
| 163.0-164.0 | 21.2 | 0.7 | 2446.5 | 0.03 | 99.78 |
| 164.0-165.0 | 21.4 | 0.6 | 2447.1 | 0.03 | 99.81 |
| 165.0-166.0 | 21.5 | 0.6 | 2447.7 | 0.02 | 99.83 |
| 166.0-167.0 | 21.7 | 0.6 | 2448.3 | 0.02 | 99.85 |
| 167.0-168.0 | 21.9 | 0.5 | 2448.8 | 0.02 | 99.87 |
| 168.0-169.0 | 22.1 | 0.5 | 2449.3 | 0.02 | 99.89 |
| 169.0-170.0 | 22.2 | 0.4 | 2449.7 | 0.02 | 99.91 |
| 170.0-171.0 | 22.4 | 0.4 | 2450.1 | 0.02 | 99.93 |
| 171.0-172.0 | 22.5 | 0.4 | 2450.5 | 0.01 | 99.94 |
| 172.0-173.0 | 22.7 | 0.3 | 2450.8 | 0.01 | 99.96 |
| 173.0-174.0 | 22.8 | 0.3 | 2451.1 | 0.01 | 99.97 |
| 174.0-175.0 | 23.0 | 0.2 | 2451.3 | 0.01 | 99.98 |
| 175.0-176.0 | 23.1 | 0.2 | 2451.5 | 0.01 | 99.99 |
| 176.0-177.0 | 23.2 | 0.2 | 2451.7 | 0.01 | 99.99 |
| 177.0-178.0 | 23.3 | 0.1 | 2451.8 | 0.00 | 100.00 |
| 178.0-179.0 | 23.4 | 0.1 | 2451.9 | 0.00 | 100.00 |
| 179.0-180.0 | 23.4 | 0.0 | 2451.9 | 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: