# Test Content

## Test Condition

| | |
|---|---|
| Temperature (℃) | 25.1 |
| Humidity (% RH) | 57.2 |
| $\gamma$ Axis measurement of angles | 5 |
| C Axis measurement of angles | 5 |

## Electrical Test

| Test item | Test Result |
|---|---|
| Voltage(V) | 120.0 |
| Frequency(Hz) | 60 |
| Current (A) | 0.088 |
| Watt (W) | 10.3 |
| Power factor (PF) | 0.975 |

## Luminosity Test

| Test item | Test Result | |
|---|---|---|
| Total luminous flux of luminaire (lm) | 687.3 | |
| Initial luminaire efficiency (lm/W) | 66.7 | |
| Central intensity (cd) | 943.2 | |
| Max intensity (cd) | 958.6 | |
| Angle for max intensity (°) | C：115.0 | $\gamma$：0.0 |
| Beam angle (50%Imax) | C0_180    L=22.3    R=22.0 | |
| | C90_270   L=20.4    R=23.2 | |

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# Diagram for luminous intensity distribution I

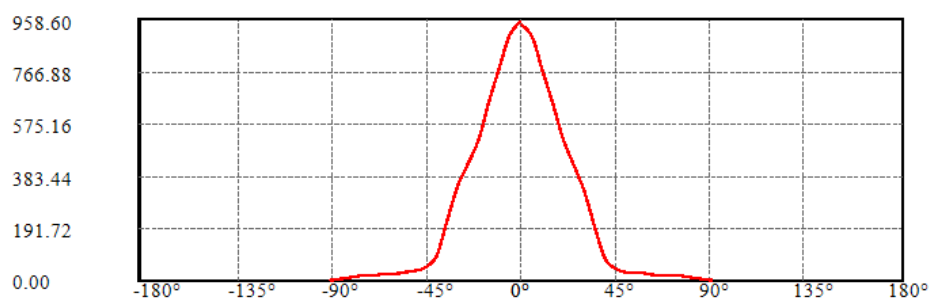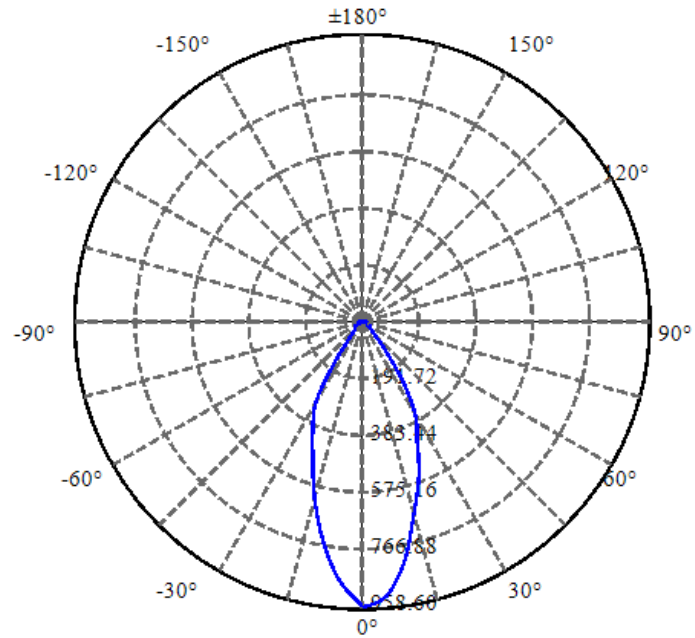## Isocandela diagram C0 / 180
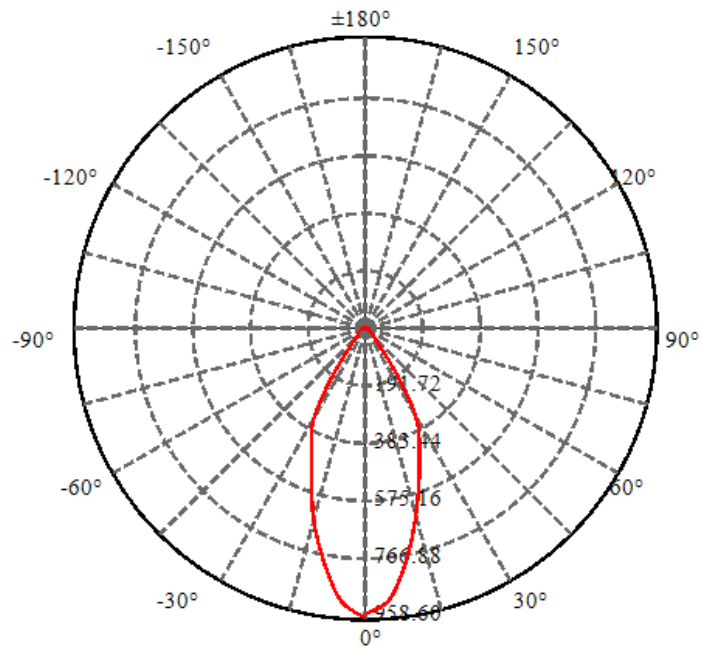


## Cartesian coordinates C0 / 180

# Diagram for luminous intensity distribution II

## Isocandela diagram C90 / 270

±180°

-150° 150°

-120° 120°

-90° 90°

-60° 60°

191.72
383.44
575.16
766.88
958.60

-30° 30°

0°

## Cartesian coordinates C90 / 270

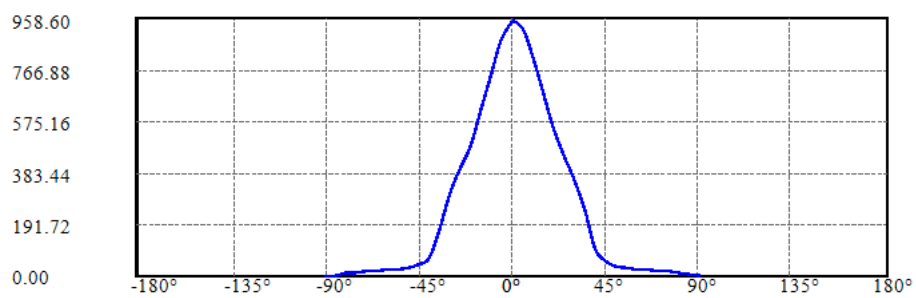| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 958.60 | | | | | | | | |
| 766.88 | | | | | | | | |
| 575.16 | | | | | | | | |
| 383.44 | | | | | | | | |
| 191.72 | | | | | | | | |
| 0.00 | -180° | -135° | -90° | -45° | 0° | 45° | 90° | 135° | 180° |

# Diagram for illumination distance

照度距離圖表

| | | |
|---|---|---|
| 1.0m | 943.2lux | 0.8m |
| 2.0m | 235.8lux | 1.6m |
| 3.0m | 104.8lux | 2.4m |
| 4.0m | 59.0lux | 3.3m |
| 5.0m | 37.7lux | 4.1m |