



## Product Model Number

CKO-CU15-034009-9903

### ✓ Model Number Definitions

**CKO-XXXX-XXXXXX-XXXX**

↑  
(A)

↑  
(B)

↑  
(C)

↑  
(D)

↑  
(E)

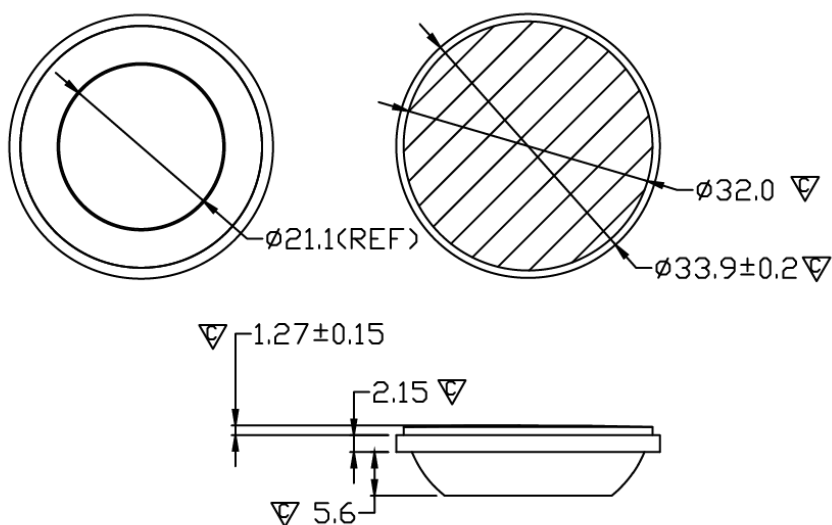


- A. Chun Kuang Optics Corp. Product
- B. Product Type: product abbreviation  
Ex:  
CH→CoB High Intensity  
CC→CoB Compact  
CS→Soft Shading for CoB LED  
HC→Holder for CoB LED

- C. Identity Code
- D. Lens / Fixture Size  
Ex: 075026=Φ75mm / Thickness=26mm (round up)
- C. Serial Numbers

The lens datasheet is applicable for **Ciziten LED**, that manufactured by Chun Kuang Optics Corp.

### ✓ Dimensions (mm) : Φ33.9 x 8.2



▽:Critical Dimension



✓ **Optical Characteristics – Angle Performances**

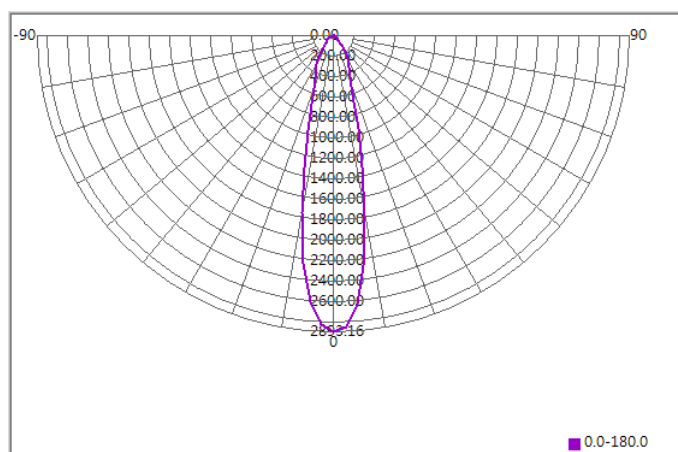
| <b>Ciziten</b> | <b>LED LES (mm)</b> | <b>FWHM (degrees)</b> | <b>Field Angle (degrees)</b> |
|----------------|---------------------|-----------------------|------------------------------|
| CLU 701        | Φ6                  | 24°                   | 63°                          |
| CLU 700        | Φ6                  | 24°                   | 46°                          |
| CLU 711        | Φ8.5                | 29°                   | 72°                          |
| CLU 710        | Φ8.5                | 28°                   | 71°                          |
| CLU 028        | Φ9.8                | 33°                   | 77°                          |
| CLU 026        | Φ9.8                | 32°                   | 78°                          |
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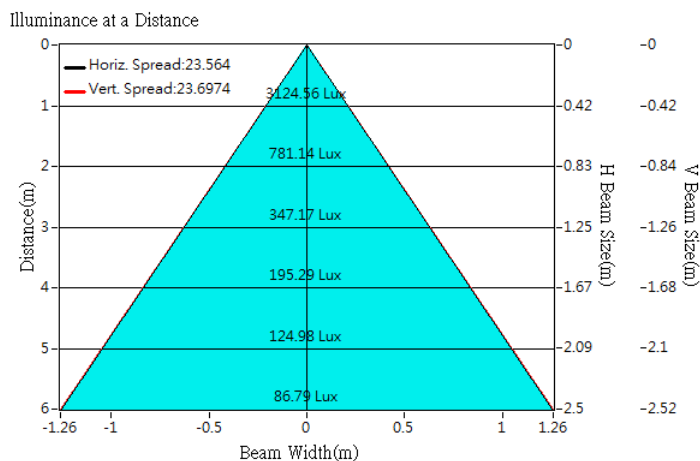
## Optical Characteristics

|                   |                               |                   |                                                                                    |
|-------------------|-------------------------------|-------------------|------------------------------------------------------------------------------------|
| Model Number      | CKO-CU15-034009-9903          |                   |  |
| LED               | CLU 701                       |                   |                                                                                    |
| LES / LED Size    | Φ 6 mm                        |                   |                                                                                    |
| FWHM (D50)        | 24°                           |                   |                                                                                    |
| Field Angle (D10) | 63°                           |                   |                                                                                    |
| H (distance)      | 2.4 mm                        |                   |                                                                                    |
| Dimension         | Φ =33.9 mm, Thickness= 8.2 mm |                   |                                                                                    |
| Luminous Flux     | 1079 lm                       | Measured @ 10.9 W |                                                                                    |
| Material          | PC / UL94V2                   |                   |                                                                                    |

## cd/klm



## Illuminance At Distances

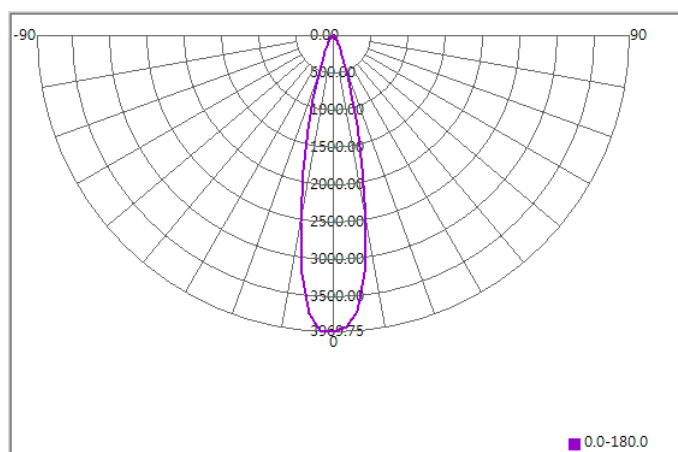




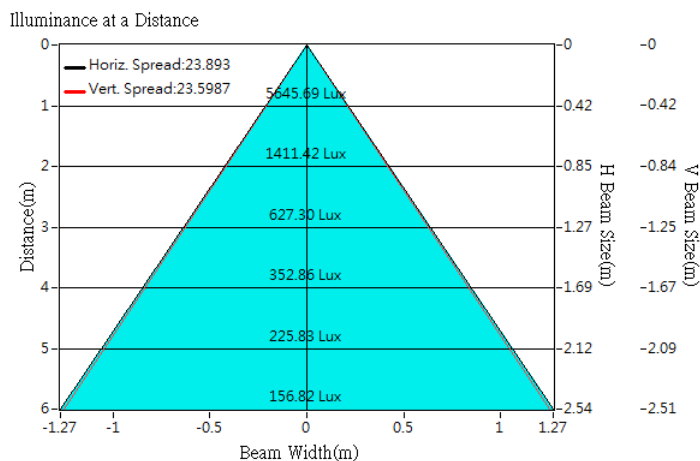
## Optical Characteristics

|                   |                               |                   |                                                                                                              |
|-------------------|-------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------|
| Model Number      | CKO-CU15-034009-9903          |                   | <div>"H" definition</div>  |
| LED               | CLU 700                       |                   |                                                                                                              |
| LES / LED Size    | Φ 6 mm                        |                   |                                                                                                              |
| FWHM (D50)        | 24°                           |                   |                                                                                                              |
| Field Angle (D10) | 46°                           |                   |                                                                                                              |
| H (distance)      | 2.4 mm                        |                   |                                                                                                              |
| Dimension         | Φ =33.9 mm, Thickness= 8.2 mm |                   |                                                                                                              |
| Luminous Flux     | 1422 lm                       | Measured @ 14.5 W |                                                                                                              |
| Material          | PC / UL94V2                   |                   |                                                                                                              |

## cd/klm



## Illuminance At Distances

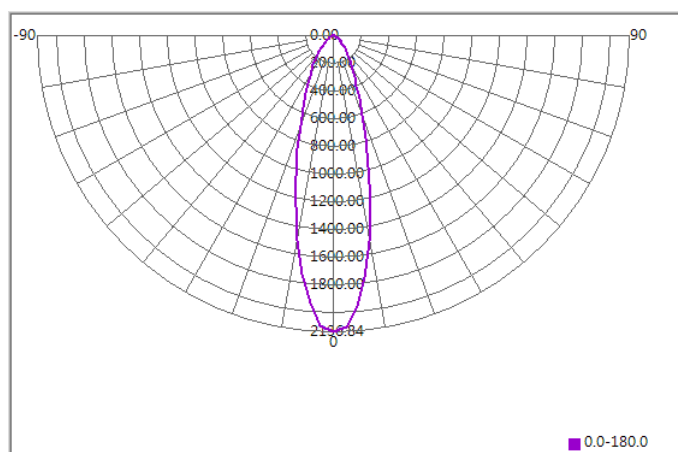




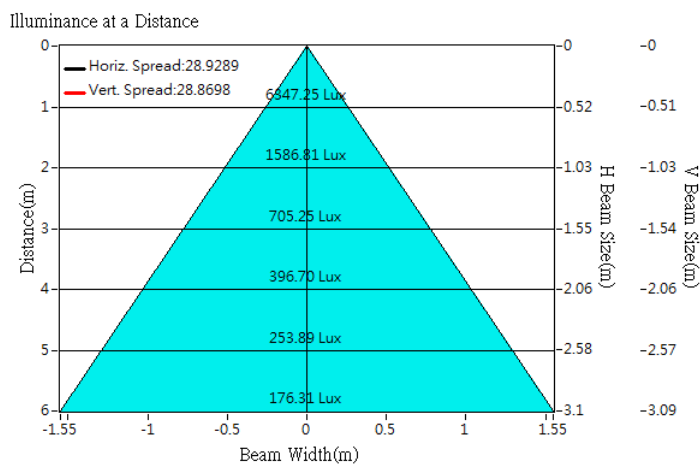
## Optical Characteristics

|                   |                               |                   |                                                                                                                    |
|-------------------|-------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------|
| Model Number      | CKO-CU15-034009-9903          |                   | <div><p>“H” definition</p></div> |
| LED               | CLU 711                       |                   |                                                                                                                    |
| LES / LED Size    | Φ 8.5 mm                      |                   |                                                                                                                    |
| FWHM (D50)        | 29°                           |                   |                                                                                                                    |
| Field Angle (D10) | 72°                           |                   |                                                                                                                    |
| H (distance)      | 2.4 mm                        |                   |                                                                                                                    |
| Dimension         | Φ =33.9 mm, Thickness= 8.2 mm |                   |                                                                                                                    |
| Luminous Flux     | 2970 lm                       | Measured @ 25.8 W |                                                                                                                    |
| Material          | PC / UL94V2                   |                   |                                                                                                                    |

## cd/klm

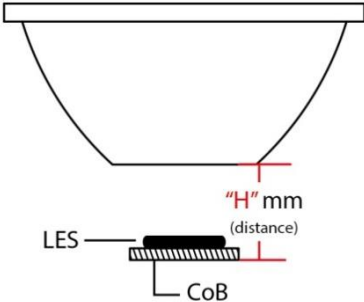


## Illuminance At Distances

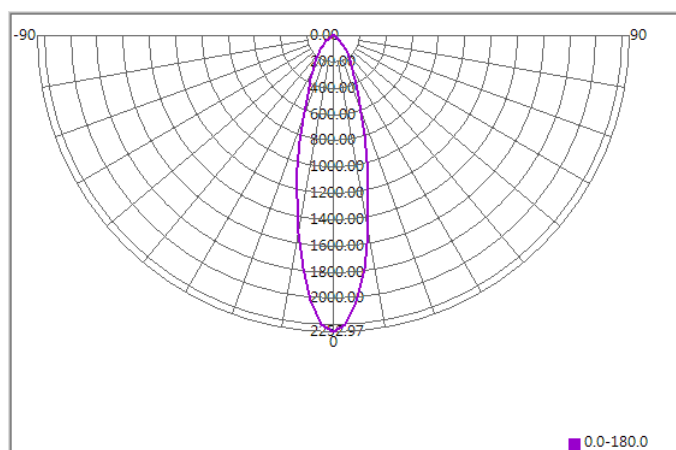




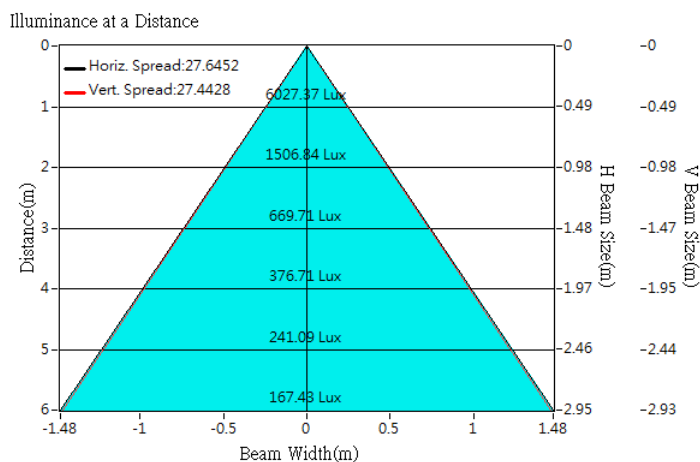
## Optical Characteristics

|                   |                               |                   |                                                                                                                    |
|-------------------|-------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------|
| Model Number      | CKO-CU15-034009-9903          |                   | <div><p>“H” definition</p></div> |
| LED               | CLU 710                       |                   |                                                                                                                    |
| LES / LED Size    | Φ 8.5 mm                      |                   |                                                                                                                    |
| FWHM (D50)        | 28°                           |                   |                                                                                                                    |
| Field Angle (D10) | 71°                           |                   |                                                                                                                    |
| H (distance)      | 2.4 mm                        |                   |                                                                                                                    |
| Dimension         | Φ =33.9 mm, Thickness= 8.2 mm |                   |                                                                                                                    |
| Luminous Flux     | 2675 lm                       | Measured @ 26.5 W |                                                                                                                    |
| Material          | PC / UL94V2                   |                   |                                                                                                                    |

## cd/klm



## Illuminance At Distances

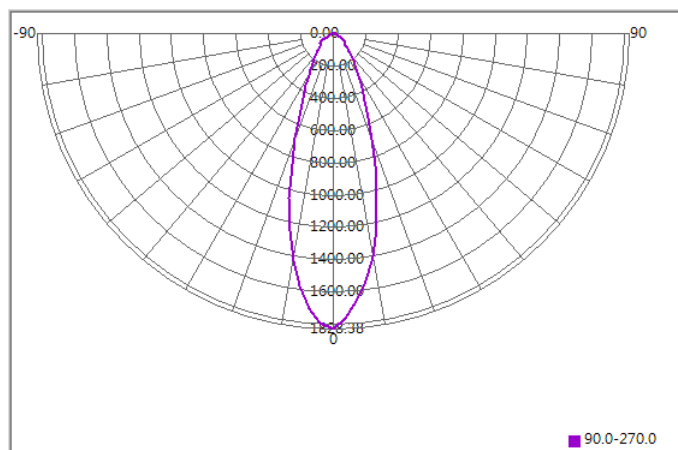




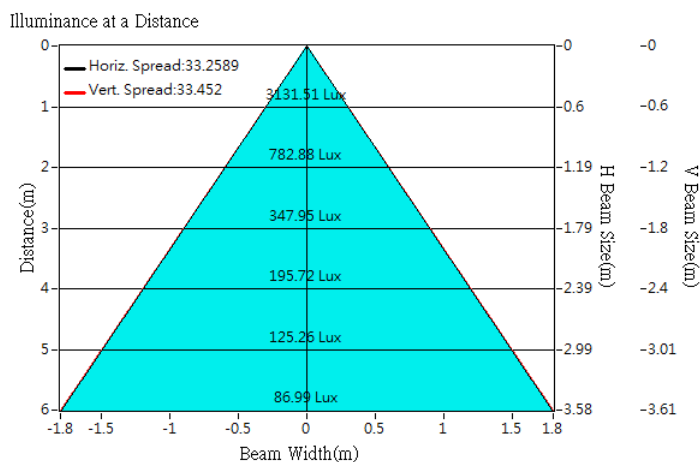
## Optical Characteristics

|                   |                               |                   |                                                                                    |
|-------------------|-------------------------------|-------------------|------------------------------------------------------------------------------------|
| Model Number      | CKO-CU15-034009-9903          |                   |  |
| LED               | CLU 028                       |                   |                                                                                    |
| LES / LED Size    | Φ 9.8 mm                      |                   |                                                                                    |
| FWHM (D50)        | 33°                           |                   |                                                                                    |
| Field Angle (D10) | 77°                           |                   |                                                                                    |
| H (distance)      | 2.4 mm                        |                   |                                                                                    |
| Dimension         | Φ =33.9 mm, Thickness= 8.2 mm |                   |                                                                                    |
| Luminous Flux     | 1712 lm                       | Measured @ 12.6 W |                                                                                    |
| Material          | PC / UL94V2                   |                   |                                                                                    |

## cd/klm



## Illuminance At Distances

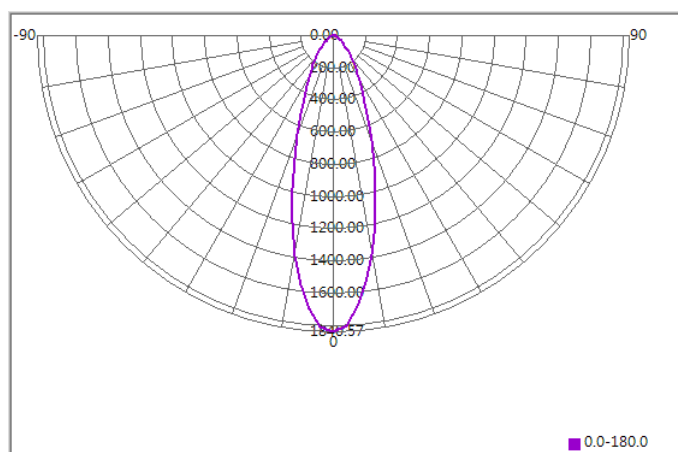




## Optical Characteristics

|                   |                               |                   |                                                                                    |
|-------------------|-------------------------------|-------------------|------------------------------------------------------------------------------------|
| Model Number      | CKO-CU15-034009-9903          |                   |  |
| LED               | CLU 026                       |                   |                                                                                    |
| LES / LED Size    | Φ 9.8 mm                      |                   |                                                                                    |
| FWHM (D50)        | 32°                           |                   |                                                                                    |
| Field Angle (D10) | 78°                           |                   |                                                                                    |
| H (distance)      | 2.4 mm                        |                   |                                                                                    |
| Dimension         | Φ =33.9 mm, Thickness= 8.2 mm |                   |                                                                                    |
| Luminous Flux     | 1671 lm                       | Measured @ 12.5 W |                                                                                    |
| Material          | PC / UL94V2                   |                   |                                                                                    |

## cd/klm



## Illuminance At Distances

