

The most versatile modular product family, especially have all optical solutions for lighting applications. Standard module length sizes are 252MM and 235MM version.

Dimensions: 252\*70 MM  
Height: 7.5 MM  
Fastening: Screw  
RoHS and REACH compliant: YES  
Accessories : Watertight ring  
Protection level: IP67  
Compatible:3030.3535 Size Led



The CSA-TL252 family is one of Toshine's most comprehensive product lines. It has a very comprehensive optical program, suitable for indoor and outdoor lighting. Uniform size allows the same fixture structure to be used in a wide variety of scenarios, helping the fixture factory to achieve modular production.

产品满足CSA标准！统一PCB板，多种光学可供选择，防水等级IP67。

## ↪ General Information

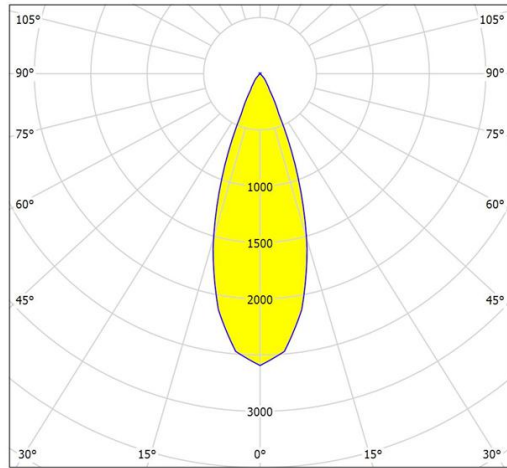
- Lens Material : PC1225Z
- Operating Temperature range  $-40^{\circ}\text{C} \sim +110^{\circ}\text{C}$  (upper limit  $+120^{\circ}\text{C}$ ).
- Storage Temperature range  $-40^{\circ}\text{C} \sim +110^{\circ}\text{C}$  (upper limit  $+120^{\circ}\text{C}$ ).
- Average transmittance in visible spectrum  $400\text{nm} \sim 700\text{nm} > 90\%$ .

## ↪ Usage and Maintenance:

1. If necessary, clean lenses with mild soap, water and soft cloth.
2. Never use any commercial cleaning solvents on lenses, like alcohol.
3. Please handle or install lenses with wearing gloves, skin oils may damage lens or its optical characteristic.

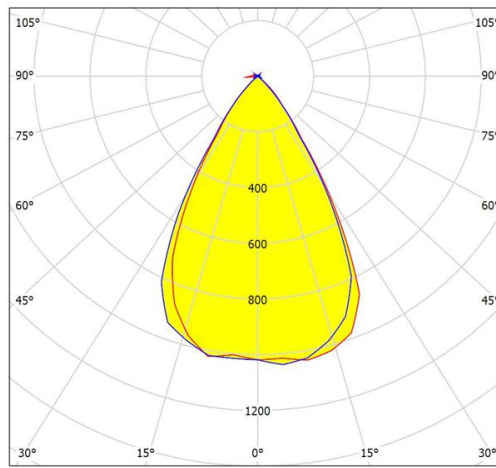
**PRODUCTS OPTICS**

CSA-TL252A30L



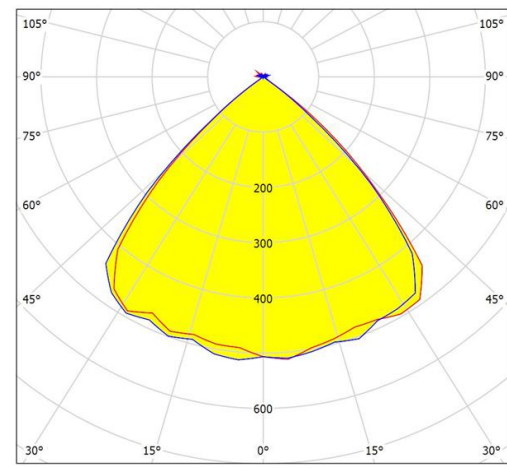
33° beam optimized for flood lighting,  
High bay lighting, spot lighting.  
Variant made from PC.

CSA-TL252A60L



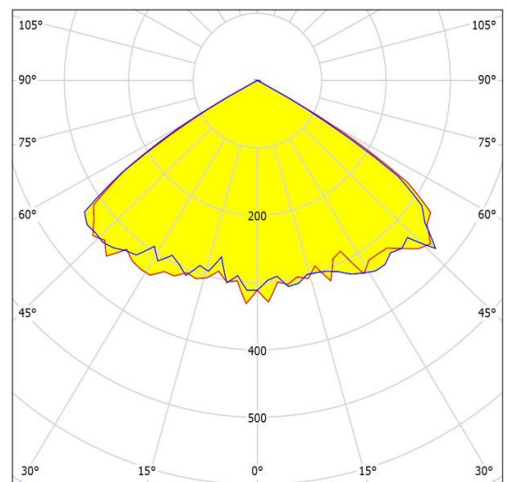
60° beam optimized for flood lighting,  
High bay lighting, spot lighting.  
Variant made from PC.

CSA-TL252A90L



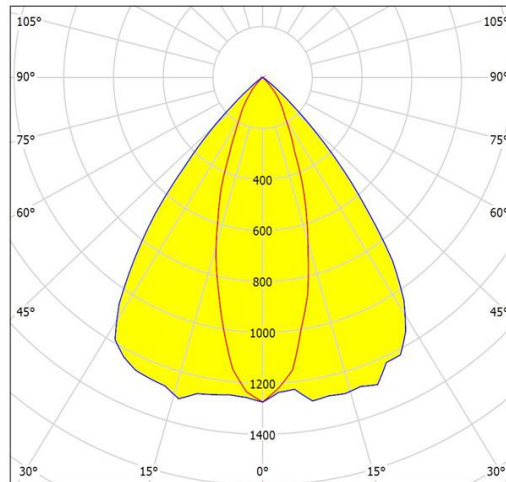
90° beam optimized for flood lighting,  
High bay lighting, Street lighting  
Variant made from PC.

CSA-TL252A120L



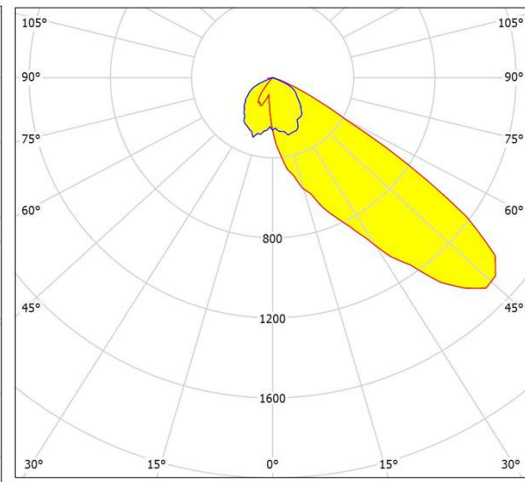
120° beam optimized for flood lighting,  
High bay lighting, Street lighting  
Variant made from PC.

CSA-TL252A3070L



~33° + 75° beam optimized for flood  
lighting, High bay lighting,  
Variant made from PC.

CSA-TL252A3090L



~30° + 90° beam optimized for flood  
lighting, High bay lighting, Street lighting  
Variant made from PC.

**NOTE:**

The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value

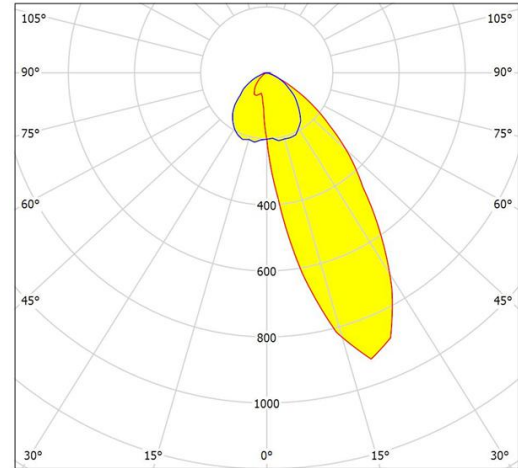
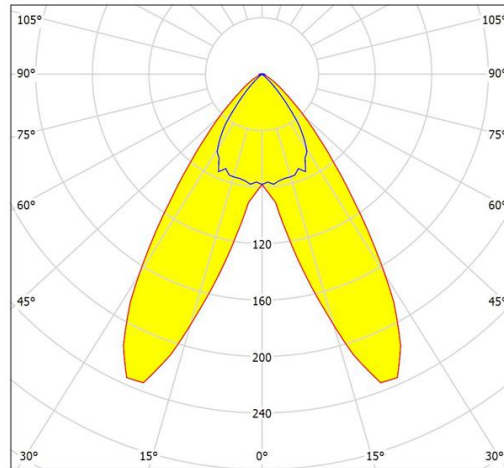
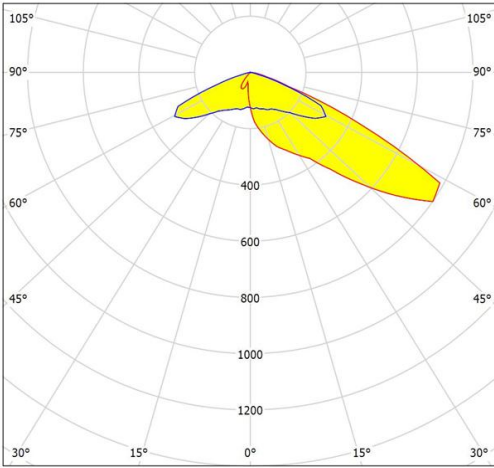
以上数据为LUMILEDS 3030LED测试而来，也可以适配其他品牌的2835. 3030LED，测试结构可能会有不同，请使用前先进进行测试！

### PRODUCTS OPTICS

CSA-TL252A30150L

CSA-TL252AD25L

CSA-TL252AA25L



~30° + 140° beam optimized for flood lighting, High bay lighting, Street lighting  
Variant made from PC.

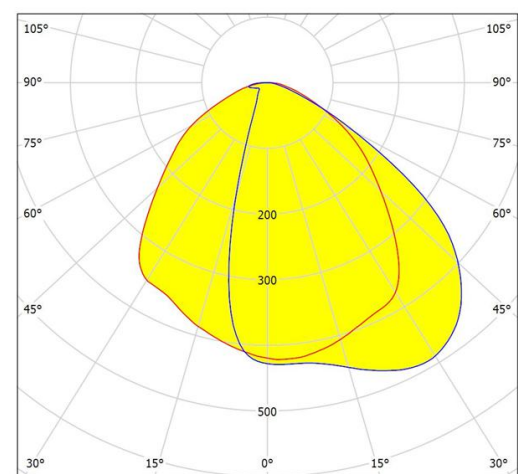
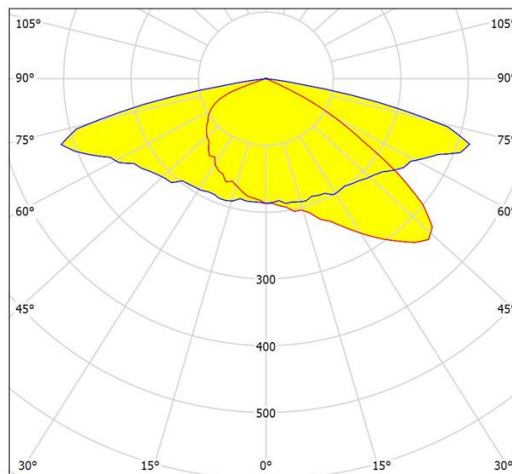
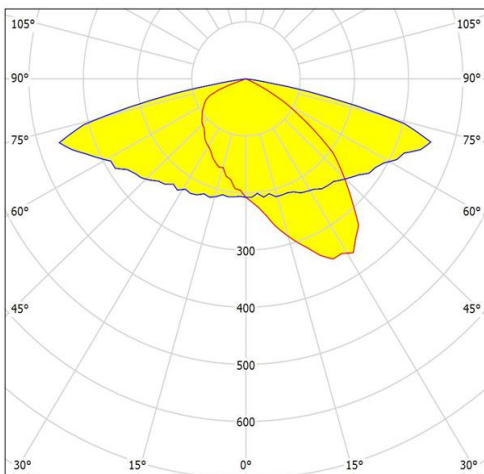
~25° + 90° Double asymmetric beam for aisle and shelf lighting optimized .

~25° + 90° Asymmetric beam for wall-washing  
Variant made from PC.

CSA-TL252TIIM

CSA-TL252TIIIM

CSA-TL252A8090L



70\*150° beam  
Universal road lighting (IESNA Type II medium) beam with excellent mixed illuminance and luminance uniformity.  
Variant made from PC.

80\*150° beam  
Universal road lighting (IESNA Type III medium) beam with excellent mixed illuminance and luminance uniformity.  
Variant made from PC.

Asymmetric square beam for illuminating near field shelf objects and floor/ground areas in larger environments  
Variant made from PC.

### NOTE:

The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value

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