



# PRODUCT DATASHEET

## Iris series

last update 30/3/2012

**Ordering number** CN11770  
**Description** CA11770\_Iris-SST

Family	Iris	FWHM	17 degrees
Type	Assembly	Efficiency	(simulated) 0 %
LED	SST-90	cd/lm	6.300
Color	Black	Gerber File	Available
Diameter	38 mm		
Height	28.1 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Pin, glue		
Status	Ready		

Shipped as unassembled - lens and holder separately.

**Ordering number** CN11771  
**Description** CA11771\_Iris-SST-M

Family	Iris	FWHM	18 degrees
Type	Assembly	Efficiency	(simulated) 0 %
LED	SST-90	cd/lm	-
Color	Black	Gerber File	Available
Diameter	38 mm		
Height	29.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Pin, glue		
Status	Ready		

Shipped as unassembled - lens and holder separately.

**Ordering number** CN11772  
**Description** CA11772\_Iris-SST-O

Family	Iris	FWHM	30+40 degrees
Type	Assembly	Efficiency	(simulated) 0 %
LED	SST-90	cd/lm	-
Color	Black	Gerber File	Available
Diameter	38 mm		
Height	29.6 mm		
Style	Round		
Optic Material	PMMA		
Holder Material	PC		
Fastening	Pin, glue		
Status	Ready		

Shipped as unassembled - lens and holder separately.

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



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#### GENERAL INFORMATION

- Product series especially designed & optimized for SST-90 series of LEDs.
- Special care taken to make light distribution as uniform as possible.
- Fastening to PCB with appropriate adhesive. By clicking link below you can find Ledil recommended glue options.  
[http://www.ledil.com/datasheets/DataSheet\\_GLUES.pdf](http://www.ledil.com/datasheets/DataSheet_GLUES.pdf)

**NOTE 1: We advise customer to ensure the suitability and sufficiency of the bond in the end product. For example, mechanical stress, vibration and holes on the surface of the circuit board weaken the strength of the glue.**

**NOTE 2: All surfaces where glue is applied must be clean, dry and free from grease and dirt. If cleaning of PCB surfaces is needed, please follow strictly the cleaning instructions of your LED manufacturer -this is important as cleaning shall under no circumstances damage LEDs or other electronics components on the PCB.**

**Further note that optical components shall not be cleaned with any chemicals - only micro fiber cloth may be used to remove fingerprints or other traces from handling.**

### Relative intensity of CA11772\_Iris-SST-90-O

