

Compact Chip LEDs with Lens

CSL0701/CSL0801 Series

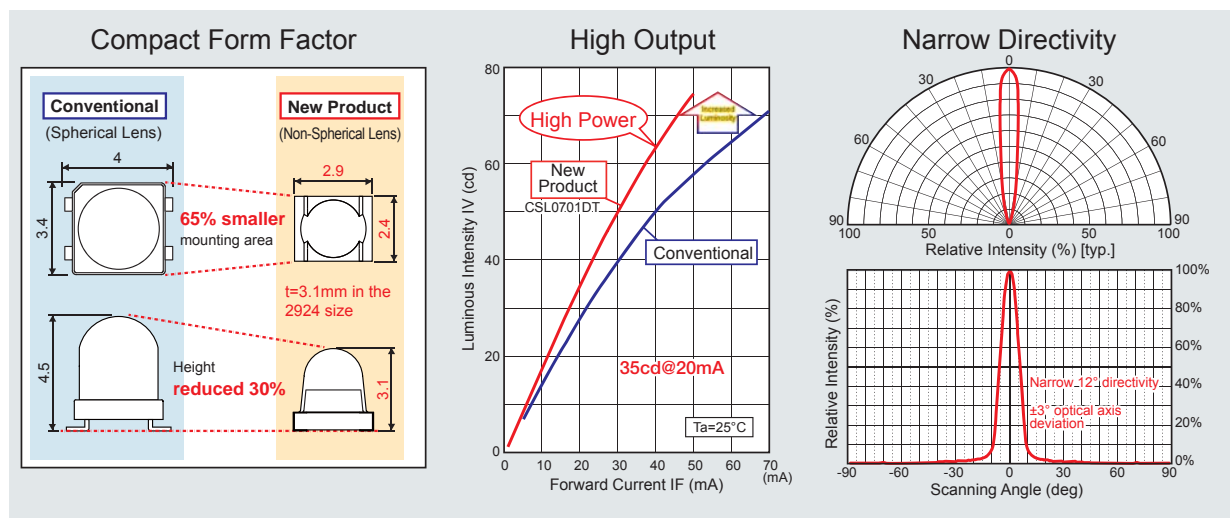


Compact lens-type chip LEDs ideal for auxiliary auto focus light sources

Product Outline

Adopting a non-spherical lens utilizing CAE (Computer Aided Engineering) and original molding technology makes it possible to provide the power required for auxiliary light sources for auto focus operation in a compact form factor. Both top view and side view types are available for broad compatibility.

- The non-spherical lens design enables high output, narrow directivity, and increased miniaturization



Specifications

Parameter	Red(UT)	Orange(DT)	Infrared(RT)				
	Type	Top View	Side View	Top View	Side View	Top View	Side View
Type	CSL0701UT	CSL0701DT	CSL0701RT	CSL0801UT	CSL0801DT	CSL0801RT	CSL0801RT
Lighting Conditions	IF=20mA		IF=50mA				
Forward Voltage VF (V)	2.1		1.6				
Output	Iv=18cd	Iv=35cd	Iv=100mW/sr				
Emission Wavelength	λD=624nm	λD=605nm	λP=870nm				

2 Types Available



Applications

- Auxiliary power supplies for AF (i.e. digital cameras)
- FA equipment, gaming devices
- Sensors, security systems