

### BJB connecting pieces for LED STARboards - Advantages at a glance:

- Solder free contacting of the LED - no lifespan reduction due to thermal impact on LED
- Simple exchange of the LED
- Simple adaptation of lenses - previously: glued, now: clipped
- Fixing of LED
- Compatible with LEDs which can be placed on STARboards, such as OSRAM, Philips Lumileds and Seoul Semiconductor

### Assembly of the system:



#### Screw fixing

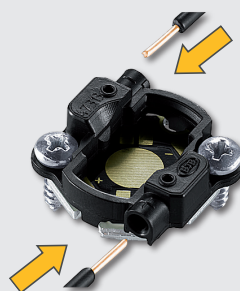
for 2 screws M3 or self-tapping screws up to  $\varnothing$  3 mm with locking washer

#### Connecting piece

Version depends on planned LED

#### STARboard with LED

Care is required with positioning / polarity of connecting piece onto STARboard !



#### Single push wire terminals

for conductors 0.5 mm<sup>2</sup>, solid or flexible tinned wire ends

Insulation strip length: 6<sup>+1</sup> mm



#### Lenses with different beam angles

Snap in fixing

#### Lens holder

Snap in fixing

Patent pending

### Sources for lenses and LEDs:



[www.carclo-optics.com](http://www.carclo-optics.com)



[www.futurelightingsolutions.com](http://www.futurelightingsolutions.com)



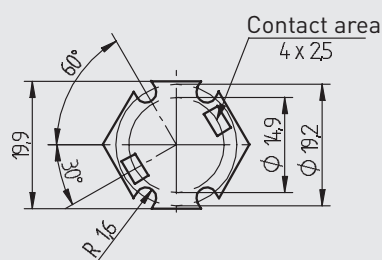
[www.osram.com](http://www.osram.com)  
[www.osram-os.com](http://www.osram-os.com)

# LED - Lighting and connection technology

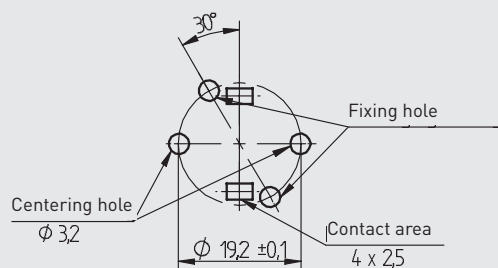
## Connecting pieces for LED STARboards - General information



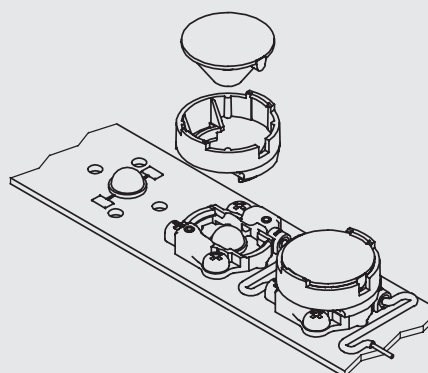
### Dimensions of STARboard



### Cut out



### Example of application



### Identification of connecting pieces

To make identification of relevant part easier each will be marked with a 2 digit code.



### Test ports

For efficient final testing after assembly of LED, connecting pieces are equipped with two test ports for top testing with an adaptor.

