

## TRIPLE OPTIC



### FEATURES / BENEFITS

- ▲ Only 50mm maximum diameter
- ▲ Ideal for creating triple arrays of high flux LEDs
- ▲ Automatic alignment feature
- ▲ High temperature acrylic construction
- ▲ Models available for LUXEON®, Cree®, NICHIA® & OSRAM® LEDs
- ▲ Creates tight spot of light
- ▲ Available sub lenses snap-on to the base to create wide or diffused distributions

### APPLICATION

- ▲ Ideal for creating MR16 sized spotlights with LUXEON, Cree, NICHIA & OSRAM high flux LEDs. Typical applications include spot lighting, accent lighting and RGB color mixing.

### OPERATING CONDITIONS

- ▲ 85°C max acrylic temperature

### MATERIALS/FINISH

- ▲ Optical grade PMMA acrylic

### ORDERING INFORMATION

| TRIPLE SPOT OPTICS                   |                          |                            |                                                            |
|--------------------------------------|--------------------------|----------------------------|------------------------------------------------------------|
| Part Number                          | Description              | *Degree of spot base optic | *Degree of spot base optic with OPTL-3-WSL (wide sub lens) |
| OPTX-3-008                           | Cree triple spot optic   | 8°                         | 16°                                                        |
| OPK2-3-006                           | K2 triple spot optic     | 6°                         | 12°                                                        |
| OPGD-3-006                           | OSRAM triple spot optic  | 6°                         | 12°                                                        |
| OPIO-3-011                           | NICHIA triple spot optic | 11°                        | 22°                                                        |
| SUB LENSES                           |                          |                            |                                                            |
| OPTL-3-MSL                           | Triple micro sub lens    | N/A                        | N/A                                                        |
| OPTL-3-WSL                           | Triple wide sub lens     | N/A                        | N/A                                                        |
| *All angles refer to half divergence |                          |                            |                                                            |

Dialight reserves the right to make changes at any time in order to supply the best product possible.

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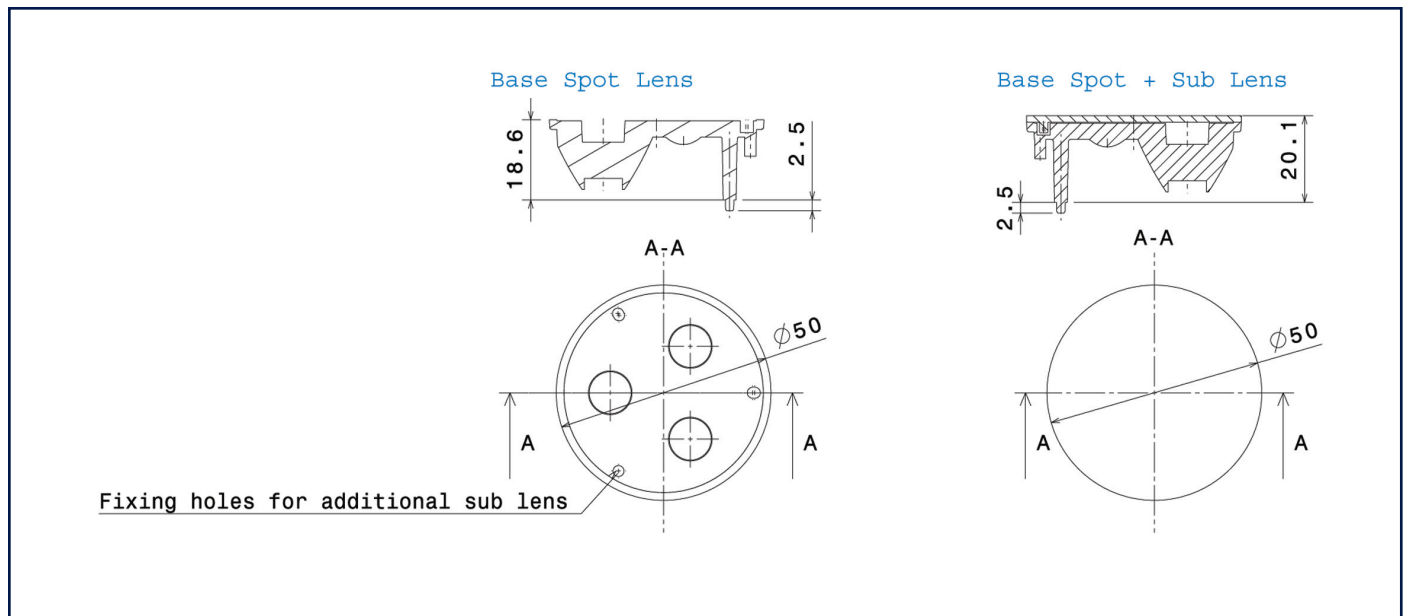


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## MECHANICAL DIMENSIONS

Base Optics: 50.0mm (1.77") diameter  
21.1mm (1.20") height

Sub lenses: 50.0mm (1.77") diameter  
1.5mm (0.10") height



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