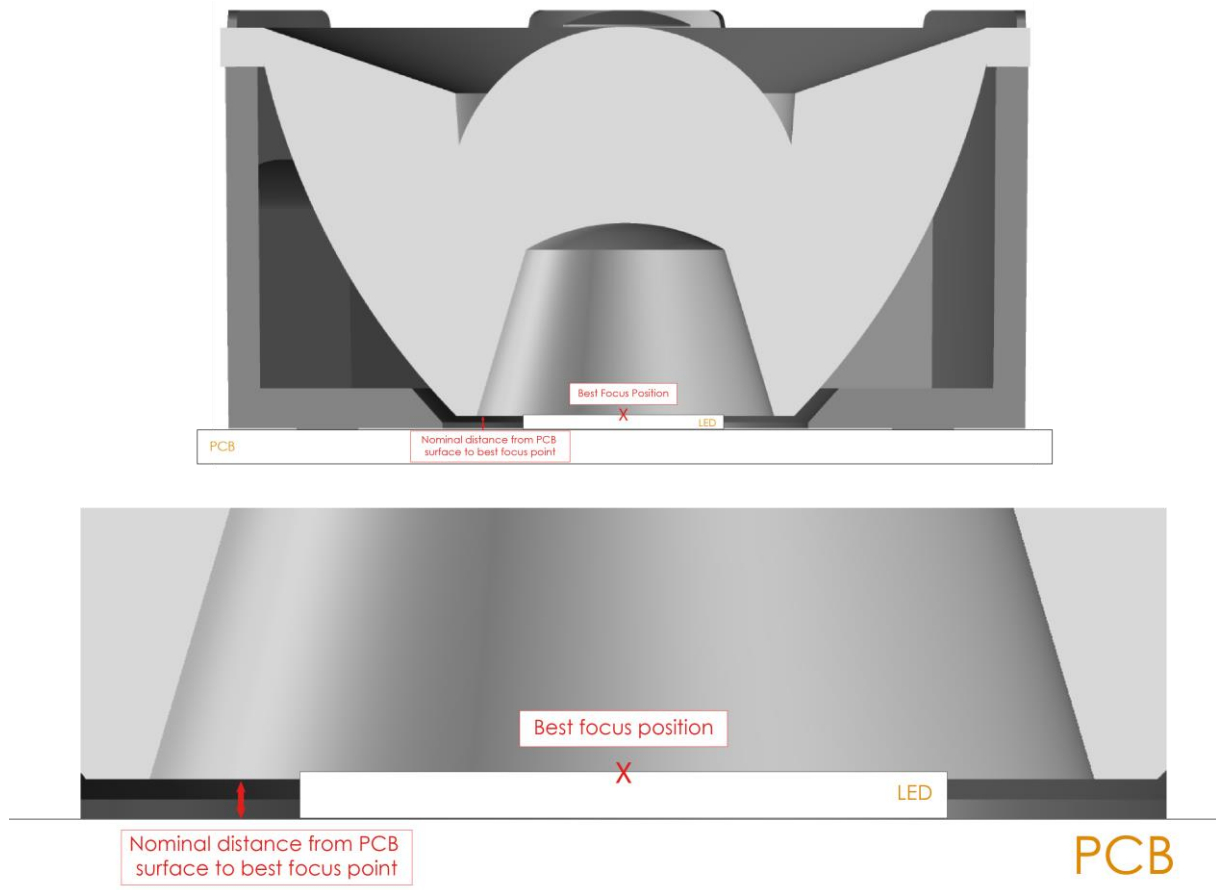


Nominal distance from PCB surface to best focus point of optic

Achieving an optimal focus position of the lens is the key factor for a successful LED/Collimator integration.

The best focus position will be achieved when matching the collimator's focus position with LED's Light Emission Surface position.

Different holder references will achieve specific PCB to Collimator's focus point distance in order to adapt to the considered LED.



| Reference | Diameter (mm) | Nominal distance (mm) | Note |
|------------|---------------|-----------------------|--------------|
| LLH01AAD0* | 16 | 0.25 | With pins |
| LLH01AAC0* | 16 | 0.55 | With pins |
| LLH01AAA0* | 16 | 0.8 | With pins |
| LLH01XRR0* | 16 | 0.8 | Without pins |
| LLH01P5200 | 16 | 1 | Without pins |
| LLH01AAB0* | 16 | 1.35 | Without pins |
| LLH01DRA00 | 16 | 1.75 | Without pins |
| LLH01ZP40* | 16 | 2.5 | Without pins |
| LLH01LX300 | 16 | 3.4 | Without pins |

| | | | |
|------------|----|------|---|
| LLH02XALO* | 32 | 0.25 | With pins |
| LLH02HELO* | 32 | 0.5 | With pins, screws inside |
| LLH02RD10* | 32 | 0.5 | With pins, screws inside, rounded |
| LLH02MTB0* | 32 | 0.5 | With pins, screws inside, rounded snoot |
| LLH02AAC0* | 32 | 0.99 | Without pins, screws outside |
| LLH02AAD0* | 32 | 1.13 | Without pins, screws outside |
| LLH02AAB0* | 32 | 1.74 | Without pins, screws outside |
| LLH02ZP400 | 32 | 2.3 | Without pins |
| LLH02AAA0* | 32 | 2.44 | Without pins, screws outside |
| LLH02ZP700 | 32 | 2.5 | Without pins |

| | | | |
|------------|----|---|------------|
| LLH07SPA02 | 35 | 0 | For LLC07N |
|------------|----|---|------------|

| | | | |
|------------|----|------|------------------|
| LLH59SPB0* | 45 | 0.5 | For LLC59* range |
| LLH09SPB0* | 45 | 0.52 | For LLC49* range |
| LLH09SPA0* | 45 | 0.87 | For LLC49* range |

| | | | |
|------------|----|------|-----------------------|
| LLH01BBA0* | 16 | 0.8 | Reduced PCB footprint |
| LLH01BBC0* | 16 | 0.55 | Reduced PCB footprint |
| LLH01BBD0* | 16 | 0.25 | Reduced PCB footprint |

| Value of * | Color |
|------------|-------|
| 0 | Clear |
| 1 | White |
| 2 | Black |