

Technical Data Sheet

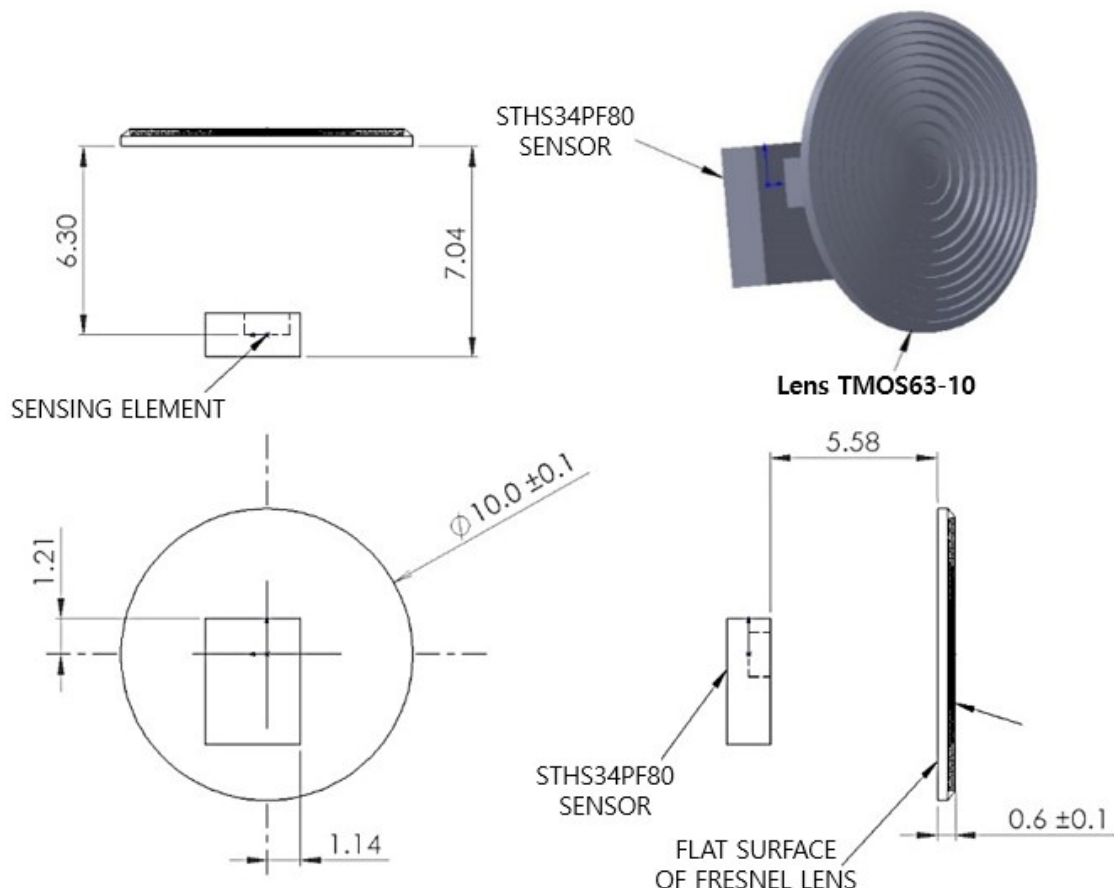
Lens TMOS63-10 for TMOS EVK

(Long range narrow detection lens)

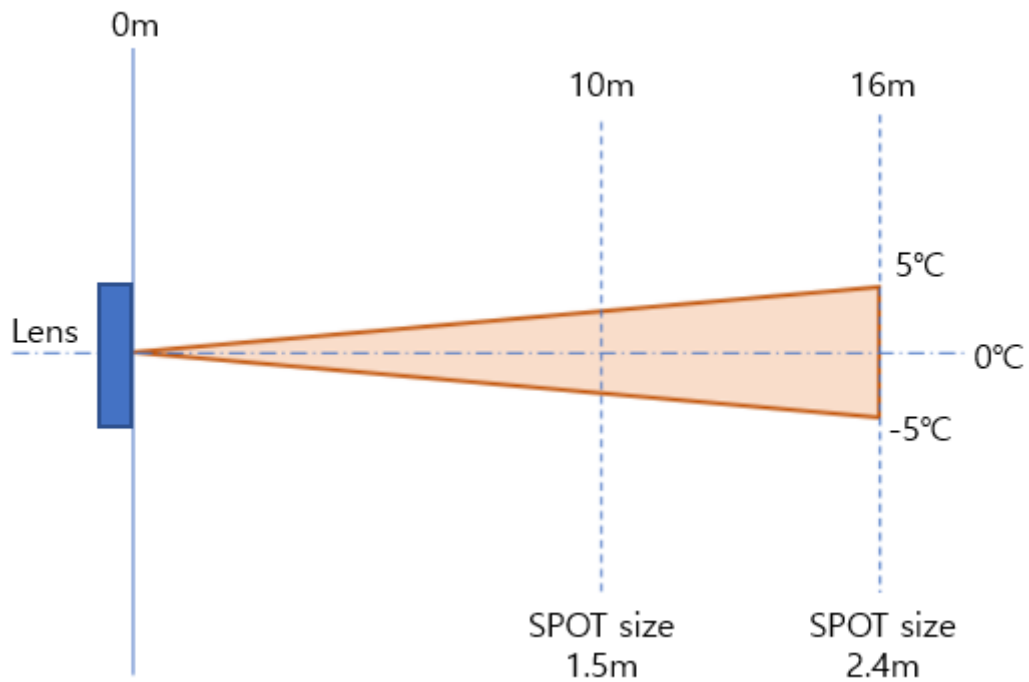
This document specifies TMOS sensor **STHS34PF80** from STMicroelectronics PCB **TMOS 34PF80Rev2.1 noled FrontCable** and Lens **TMOS63-10** from Fresnel Factory Inc. TMOS63-10 is suitable for people counter, narrow and long-distance detection. Detection performance can be different according to test setting and room condition. The performance in this document is based on room temperature 25 Celsius



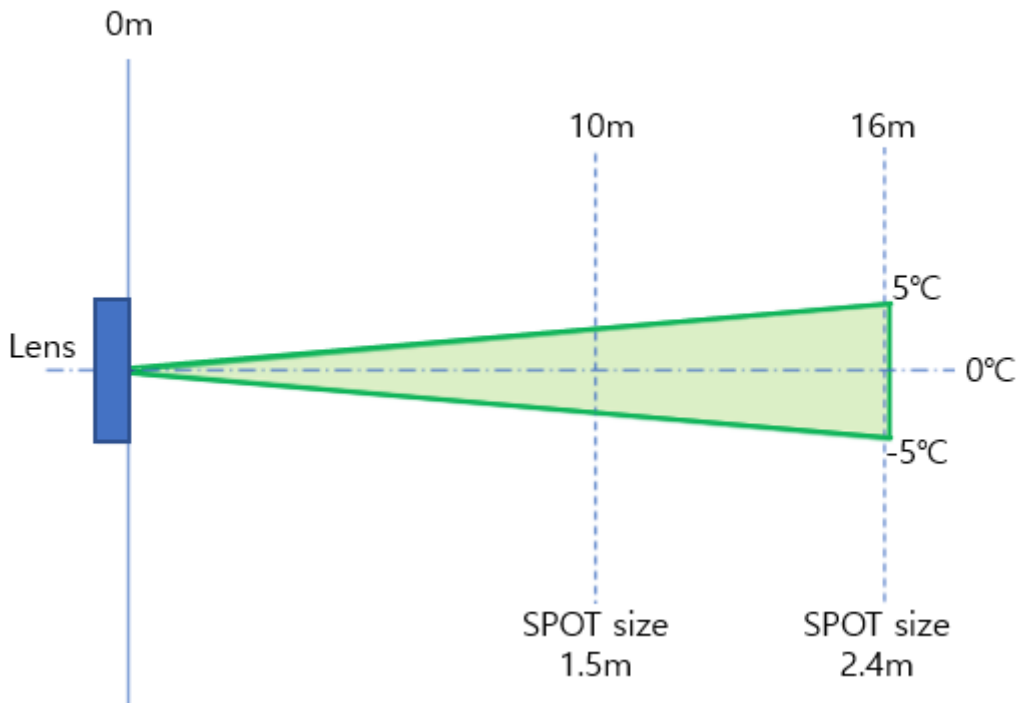
Dimension and orientation of TMOS63-10 lens



TOP view

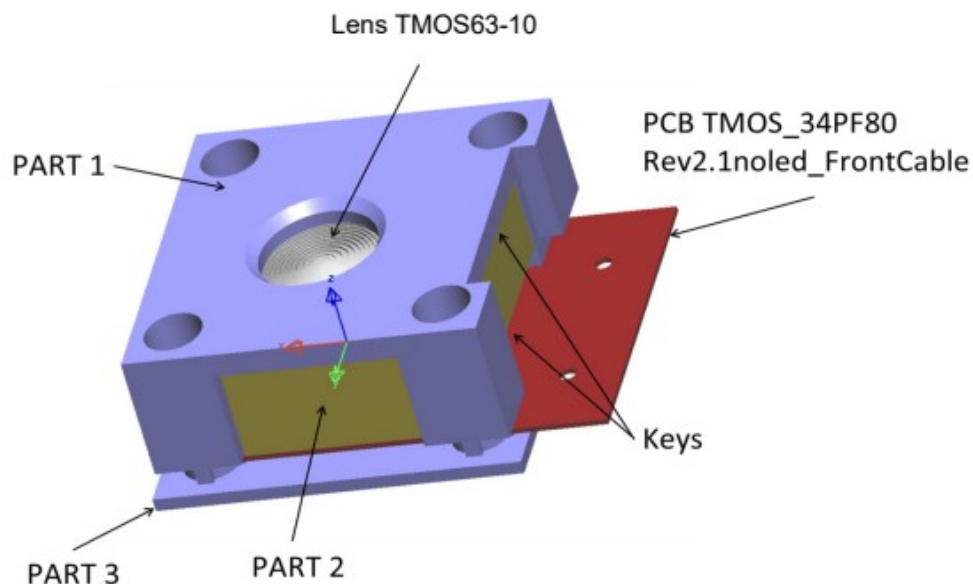
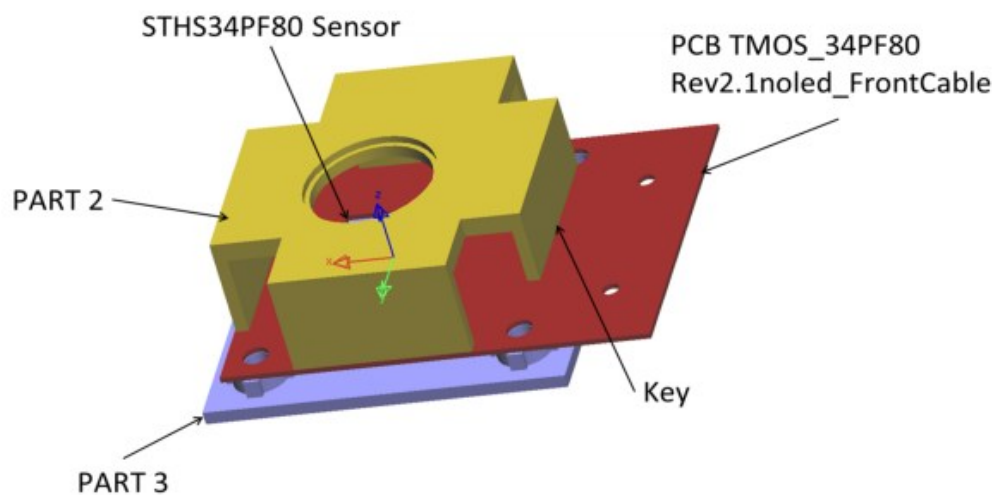
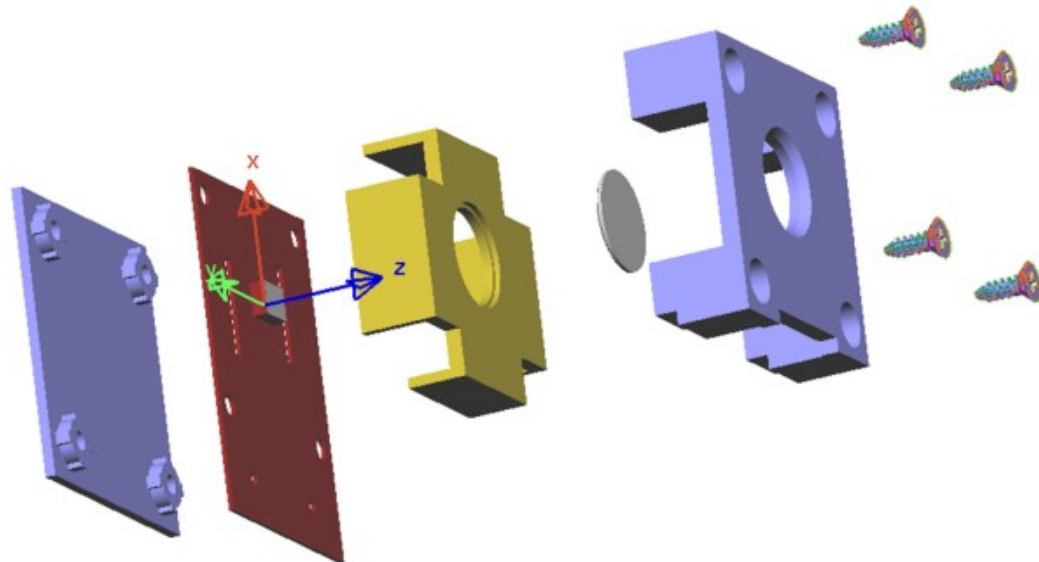


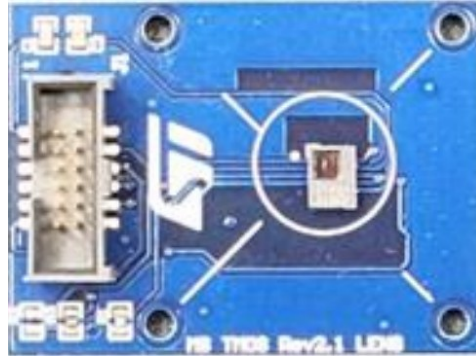
Side view



Lens Housing for EVK with PCB TMOS_34PF80 Rev2.1_noled_FrontCable

Housing consists 3 Parts with Directional Keys. All keys must be faced to the PCB connector (see picture below). Housing fastened by 4 Philips self-tapping Screws M2x8.





PCB TMOS_34PF80Rev2.1_noled_FrontCable

Please download 3D STP file for 3D printing in link below.

1. **Part 1**
2. **Part 2**
3. **Part 3**

Useful link

1. **Guide for Lens Selection**
2. **Custom lens (Design request)**
3. **Guide for material selection**
4. **Off-the-shelf products list**
5. **EN50131 & IEC63180 (Performance test)**
6. **Adhesive for IP grade and assembly**
7. **Official Website**
8. **Contact for Sales and Technical Support**

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