

Reflective Optics for Far Infrared

Plastic freeform mirror assembly

Specification

Image size	8 × 6 mm
FOV	9.7° (Horizontal)
F#	1.3
Focal length	24 mm



Application

- Far infrared camera



Patent

- WO2009060549A1 "Imaging optical system and distance measuring equipment"

NALUX

+81-75-963-3456
sales@nalux.co.jp
<https://www.nalux.co.jp>

Fresnel lens for Far Infrared

- **Plastic Fresnel Lens**

Low cost far infrared lens made with injection molding.

Specification

Image size	1.3 × 1.0 mm
FOV	50° (Horizontal)
F#	1.4
Focal length	1.3mm



Application

- Far infrared camera, sensor

Patent

- WO2014038541A1 “Infrared imaging optical system”

