

O N Y X

Extremely fast and perfect for low light and high speed applications in harsh environmental conditions thanks to its fixed iris design





ONYX 0.95/25 C-FI 0.95

This extremely fast 1" C-Mount lens with fixed F0.95 aperture is optimized for demanding low light imaging applications. With its robust mechanical design, fixed iris and locking screw for focus it is usable even in harsh environment.

Extremely fast and perfect for low light and high speed applications

Key Features:

- Extremely fast lens with F0.95
- 1" (16 mm) max. sensor size
- C-Mount lens
- Focal length: 25 mm
- Robust mechanics
- Fixed iris for highest stability

Suitable Sensors (Selection):

- SONY IMX174
- SONY IMX249
- Gpixel GLUX1605BSI
- Gpixel GLUX9701BSI
- Onsemi LUPA1300-2
- Onsemi PYTHON5000
- AMS CMV4000

Typical applications:

- Bioluminescence
- Fluorescence
- High speed imaging
- Low light applications

Main markets:

- Medical
- Industry
- Automotive

Parameter	Value
Focal length	25 mm
f/#	0.95 fixed
Image circle	16 mm
Sensor size	1" (16mm)
Pixel size	down to 5 µm
Chief ray angle (CRA)	< 7°
Size (length from mount x diam.)	48 mm x 48.6 mm
Available Mounts	C-Mount
Weight	155 g
Coating	Single layer coating

Feature	Benefit
Robust mechanical design	Stable image position and long-term durability
Fixed iris	Usable even in harsh environments
Compact design	Fits into small spaces
Fast lens	Suitable for low light applications

Other mounts and optimization for specific working distances available on request. Also stabilized or ruggedized versions of the lenses.

SCHNEIDER-KREUZNACH

Jos. Schneider Optische Werke GmbH
Business Unit Industry
Ringstrasse 132
55543 Bad Kreuznach | Germany

Tel. +49 (0) 671 601 205
isales@schneiderkreuznach.com
www.schneiderkreuznach.com

