

8192 Channel Integrated GLV Module

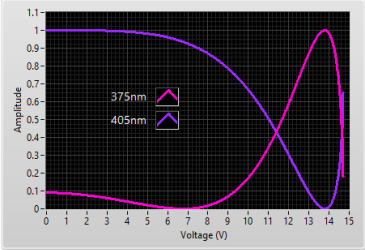
Model Number: G8192

Features

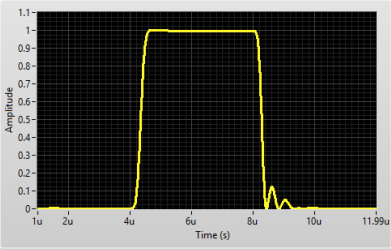
- Ideal for demanding direct write applications.
- Fully integrated for highest resolution pixels.
- Design for UV wavelengths.
- Capable of high power handling of 20W UV.
- High speed contactless amplitude modulation.



G8192 Intensity-Voltage Response



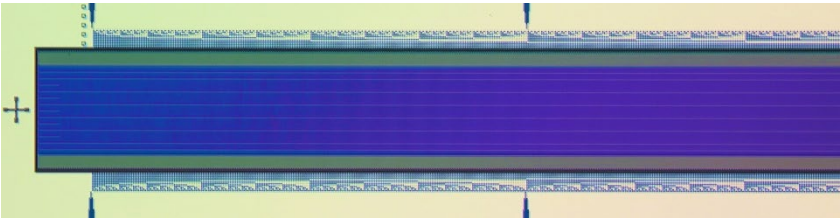
G8192 Pulse Response



IV Curves and Pulse Response



Non-Periodic High Density Write on 300mm wafer



G8192 Ribbons Array

Integrated GLV Module Specifications

Modulation Frequency	100 kHz
Amplitude Levels	1024 (10-bit)
Pixel Pitch	5 um
Number of Pixels	8192
Line Length	41mm