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rectangular WGs, since the possibility of generating slow light allows for sizable acousto-optical modulation in very short devices. However, this exciting possibility has remained so far relatively unexploited for acousto-optical modulators.

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are divided into two major groups luminescent
devices light emitting diodes and laser
diodes and light receiving devices solar
cells and photo detectors the wavelengths of
the light depend on the optical semiconductor
materials used

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Nearly all semiconductor lasers now use

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