The patented 175 SOL UV curing system provides high intensity, uniform curing of inks, coatings and adhesives in the DVD/DVDR/CD/CDR manufacturing operation. The central reflector of the 175 SOL is integrated within a cylindrical reflector that precisely distributes a uniform dose of UV to the area being cured. It is not necessary to rotate the disc under the UV lamp.

### Highlights

- **uniform intensity distribution**
- **high-intensive and -effective**
- **no need to rotate the disc**
- **very good cost/performance ratio**
- **reduction of the production cost**

**Uniform distribution of UV intensity**
Reflectors

- CAD optimised reflector geometry
- Optional dichroic reflectors for DVD production
- Cylindrical reflector for uniform intensity spreading

Spectra

- Available standard spectra: see below
- Other spectra on request

Processing

- Curing time approx. 0.5 - 1.0 seconds
- No need to rotate the disc during the curing process

Electrical connections

- Lamp power: max. 5 kW
- Mains supply: 400 to 480 V, 50 or 60 Hz
- Stepless power control between 20% and 100%