








Options for Omicron Light Sources - Omicron light sources can be equipped with a wide variety of options and accessories. Especially the modular principle of the LDM series offers the possibility of easy customization. Make your choice...

Options for LDM and FKL Series Lasers

	Order code	Description
	LDM.COL	Collimation objective for customized beam diameters between 0.5mm and 15mm ($1/e^2$). Can be directly attached to the LDM or FKL laser head or used separately.
	LDM.FOC	Focussing objective on customer's demand. Can be directly attached to the LDM or FKL laser head or used separately. Ask for a simulation.
	LDM.FASY	FC/PC fibre coupling unit for LDM and FKL series lasers. Compatible with all FC/PC connectorized fibres. Note: This module extends the length of the laser head's body by 30mm.
	LDM.FASY.APC	FC/APC fibre coupling unit for LDM and FKL series lasers. Compatible with all FC/APC connectorized fibres. Note: This module extends the length of the laser head's body by 30mm.
	LDM.FASY.SMA	SMA fibre coupling unit for LDM and FKL series lasers. Compatible with all SMA connectorized fibres. Note: This module extends the length of the laser head's body by 40mm.
	LDM.AAC	Automatic Aging Compensation module for LDM series lasers. Since all Omicron lasers are driven in constant current /constant temperature principle, a long term power drop, due to aging, can appear. With this option the LDM series lasers can perform an automatic aging compensation of the laser diode by simply sending a calibrate command via the RS-232 interface of the laser. Note: This module extends the length of the laser head's body by 24mm.
	LDM.MON	High speed monitoring (light pick-off) option for modulated LDM series lasers. This module offers light monitoring and peak power detection with up to 200MHz bandwidth. Note: This module extends the length of the laser head's body by 24mm.
	LDM.SHUTTER	Mechanical shutter for LDM and FKL series lasers. Note: This module extends the length of the laser head's body by 12mm.
	LDM.CDRH	CDRH kit for laboratory use of LDM and FKL series lasers. A small remote control box with key switch, interlock connector and status LEDs that controls LDM and FKL lasers according to the rules of CDRH. The kit does also contain a mechanical shutter. (LDM.SHUTTER) Note: This module extends the length of the laser head's body by 12mm.
	LDM.24VPSU	World wide power supply unit for all LDM and FKL series lasers with 24VDC supply voltage. Input: 85-245VAC, 50/60 Hz. Output: 24VDC, 2 ampere. Compatible laser models: CWA.L, CWA.L.WS, CWA.L.US, 150/500 and TA Deepstar®.

Options for PhoxX® and the LuxX® Series Lasers

	Order code	Description
	XX.DSO	Collimation objective for reduced beam diameter of 0.7mm ($1/e^2$) +/- 0.1mm. Can be directly attached to the PhoxX® / LuxX® laser head.
	XX.FASYADAP	Fibre coupler adapter bracket for PhoxX® and LuxX® lasers. Omicron LDM fibre coupling units like LDM.FASY.xxx or other brands of fibre coupling units can be mounted to the XX.FASYADAP option. The unit can be mounted on optical tables or breadboards with inch or metric grid.
	LUXX.BOC	Break-Out cable for LuxX® diode lasers which offers direct connection for RS-232, analogue modulation (via BNC) and Laser-Enable (via BNC)
	XX.Fxxx	Clean-Up filter option for LuxX® and PhoxX® lasers. Bandpass filter to avoid luminescent light besides the main laser emission. xxx = laser wavelength
	LUXX.D2A	Digital modulation input adapter for LuxX® diode lasers converts the analogue modulation input of the LuxX® laser into a digital TTL input of > 1.5MHz digital modulation bandwidth
	XX.CDRH	CDRH kit for laboratory use of PhoxX® / LuxX® series lasers. A small remote control box with key switch, interlock connector and status LEDs that controls the PhoxX® / LuxX® lasers according to the rules of CDRH.
	PHOXX.HEATSINK LUXX.HEATSINK	Standard laser head heat sink for all PhoxX® /LuxX® series lasers. Can be used as a passive or active heat sink using the internal 5VDC fan.
	XX.PSU	World wide power supply unit for all PhoxX® /LuxX® series lasers. Input: 90-240VAC, 50/60 Hz. Output: 5VDC, 6 ampere.