

Prizmatix Ultra High Power LED Product Line

USA Price List of Standard Products

P/N	Item Description	US\$
UHP-Mic-LED Products for High End Fluorescence Microscopy		
UHP-Mic-LED-White-CT (CT = 4500K, 5700K, 6500K, High-CRI)	Ultra High Power White LED (Large Chip 3x3mm) head with 1" collimating optics.	\$1,900.00
UHP-Mic-LED-WL (WL = 450 / 455 / 520 / 620 / 635 / 655)	Ultra High Power LED (Large Chip 2x2mm) head with collimating optics. Please indicate preferred wavelength ± 6 nm.	\$1,900.00
UHP-Mic-LED-405	Ultra High Power LED (Large Chip 2x2mm) head at 405 ± 7 nm.	\$2,150.00
UHP-Mic-LED-435	Ultra High Power LED-Array head with collimating optics at 435 ± 7 nm.	\$2,800.00
UHP-Mic-LED-470	Ultra High Power LED-Array head with collimating optics at 470 ± 7 nm.	\$2,800.00
UHP-Mic-LED-595	Ultra High Power LED-Array head with collimating optics at 595 ± 7 nm.	\$2,400.00
UHP-Mic-LED-Custom	Ultra High Power LED-Array head with collimating optics at Custom Wavelength	e-mail
UHPLCC	Benchtop Current Controller for UHP-Mic-LED head CW operation mode, TTL input. Power adaptor included.	\$1,000.00
UHPLCC-AIN	Benchtop UHP-LED Current Controller, CW operation mode, TTL input, Analog input for power control from D/A (0-5Vdc). Power adaptor included.	\$1,100.00
Mic-ADPT-Type (Type = N / O / Z / L)	Microscope adaptor for LED head or Beam Combiner (see accessories section below) Please specify N for Nikon / O for Olympus / Z for Zeiss / L for Leica microscope type	\$85.00
Remark: A complete microscope light source system is comprised of: LED head, Current Controller, Microscope adaptor. For optional accessories see "Accessories" section below.		

UHP-T-EP Products for High End Fluorescence Microscopy in Electrophysiology Rigs		
LED driver embedded inside LED head to minimize RFI / EMI interference		
UHP-T-WL-EP (WL = 450 / 455 / 520 / 620 / 635 / 655)	Ultra High Power LED (Large Chip 2x2mm) head, 1" collimating optics, 2x2 mm square chip. Please indicate preferred wavelength ± 6 nm.	\$2,600.00
UHP-T-405-EP	Ultra High Power LED (Large Chip 2x2mm) head, 1" collimating optics, 2x2 mm square chip at 405 ± 7 nm.	\$2,850.00
Mic-ADPT-Type (Type = N / O / Z / L)	Microscope adaptor for LED head or Beam Combiner (see accessories section below) Please specify N for Nikon / O for Olympus / Z for Zeiss / L for Leica microscope type	\$85.00
LN (Low Noise)	Option: UHP-T LED head equipped with special Low optical Noise LED Driver. Please e-mail for specifications. Available in all UHP-T / UHP-T2 LEDs. Example for P/N: UHP-T-385-EP-LN	\$1,000.00
DF (Detached Fan)	Option: Vibrations free LED head (order with LED head) For vibrations sensitive applications: Cooling fan is connected to the LED head by 1.2m flexible air hose. Available in all UHP-T / UHP-T2 LEDs. Example for P/N: UHP-T-385-EP-DF	\$420.00
UHPTLCC	Benchtop UHP-T-LED Current Controller. CW operation mode, external TTL input and Analog input for power control from D/A (0-5Vdc). Power adaptor included.	\$760.00
USB-CTRL	Option: PC interface + Software for LED control via USB interface. Compatible with Micro-Manager, LabView, Matlab, and other software that can send HyperTerminal commands. Integrated into UHPTLCC controller.	\$300.00
LED Console	Option: Wired remote control unit (require USB-CTRL option) OBSELETE	\$440.00
Remark: A complete microscope light source system is comprised of: LED head, Current Controller, Microscope adaptor. For optional accessories see "Accessories" section below.		

UHP-T-LA Products for Ultra High Power Illumination		
LED driver embedded inside LED head to minimize RFI / EMI interference		
UHP-T-365-LA	Ultra High Power 355 ± 7 nm LED head, 1" collimating optics, rectangular Mosaic chip	\$3,950.00
UHP-T-385-LA	Ultra High Power 385 ± 7 nm LED head, 1" collimating optics, rectangular Mosaic chip	\$3,350.00
UHP-T-405-LA	Ultra High Power LED head, 1" collimating optics, 2x2 mm square chip at 405 ± 7 nm.	\$3,350.00
UHP-T-435-LA	Ultra High Power LED-Array head at 435 ± 7 nm, 1" collimating optics.	\$3,800.00
UHP-T-470-LA	Ultra High Power LED-Array head at 470 ± 7 nm, 1" collimating optics.	\$3,800.00
UHP-T-505-LA	Ultra High Power LED-Array head at 505 ± 7 nm, 1" collimating optics.	\$3,800.00
UHP-T-595-LA	Ultra High Power LED-Array head at 595 ± 7 nm, 1" collimating optics.	\$3,400.00
UHP-T-730-LA	Ultra High Power LED-Array head at 730 ± 7 nm, 1" collimating optics.	\$3,400.00
LN (Low Noise)	Option: UHP-T LED head equipped with special Low optical Noise LED Driver. Available in all UHP-T / UHP-T2 LEDs. Example for P/N: UHP-T-460-EP-LN	\$1,000.00
DF (Detached Fan)	Option: Vibrations free LED head (order with LED head) For vibrations sensitive applications: Cooling fan is connected to the LED head by 1.2m flexible air hose. Available in all UHP-T / UHP-T2 LEDs. Example for P/N: UHP-T-460-EP-DF	\$420.00
UHPTLCC	Benchtop UHP-T-LED Current Controller. CW operation mode, external TTL input and Analog input for power control from D/A (0-5Vdc). Power adaptor included.	\$760.00
USB-CTRL	Controller Option: Microcontroller installed in UHPTLCC + Software for LED control via USB interface. Compatible with Micro-Manager, LabView, Matlab, and other software that can send HyperTerminal commands. Integrated into UHPTLCC controller.	\$300.00
LED Console	Option: Wired remote control unit (require USB-CTRL option) OBSELETE	\$440.00
Remark: A complete microscope light source system is comprised of: LED head, Current Controller, Microscope adaptor. For optional accessories see "Accessories" section below.		

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UHP-T-DI Products for Ultra High Power Illumination		
LED driver embedded inside LED head to minimize RFI / EMI interference		
UHP-T-CT-DI (White LED) (CT = 4500K, 5700K, 6500K, High-CRI)	Ultra High Power White LED head, 1" collimating optics 3x3 mm square chip. Selected LED chis is optimized for highest collimated power.	\$2,900.00
UHP-T-WL-ID (WL = 455 / 520 / 630)	Ultra High Power LED head, 1" collimating optics, 3x3mm square chip. The 460 / 520 / 630 are in ranges: 450-465, 515-520, 625-635. Please indicate preferred wavelength $\pm 5\text{nm}$.	\$2,980.00
LN (Low Noise)	Option: UHP-T LED head equipped with special Low optical Noise LED Driver. Available in all UHP-T / UHP-T2 LEDs. Example for P/N: UHP-T-460-EP-LN	\$1,000.00
DF (Detached Fan)	Option: Vibrations free LED head (order with LED head) For vibrations sensitive applications: Cooling fan is connected to the LED head by 1.2m flexible air hose. Available in all UHP-T / UHP-T2 LEDs. Example for P/N: UHP-T-460-EP-DF	\$420.00
UHPTLCC	Benchtop UHP-T-LED Current Controller. CW operation mode, external TTL input and Analog input for power control from D/A (0-5Vdc). Power adaptor included.	\$760.00
USB-CTRL	Controller Option: Microcontroller installed in UHPTLCC + Software for LED control via USB interface. Compatible with Micro-Manager, LabView, Matlab, and other software that can send HyperTerminal commands. Integrated into UHPTLCC controller.	\$300.00
LED Console	Option: Wired remote control unit (require USB-CTRL option) OBSOLETE	\$440.00
Remark: A complete UHP-T-DI light source system is comprised of: LED head and Current Controller. See "Accessories" section for optional adapters and accessories.		

UHP-T-MP Products for Microplate Illumination		
UHP-T-WL-MP (WL = 455 / 520 / 630)	Ultra High Power LED head, rectangular LED chip, special 1" collimating optics. $\sim 3 \times 4$ mm rectangular chip. The 460 / 520 / 630 are in ranges: 450-465, 515-520, 625-635.	\$3,200.00
UHP-T-385-MP	Ultra High Power 385nm LED head, rectangular LED chip, special 1" collimating optics	\$4,250.00
UHPTLCC	Benchtop UHP-T-LED Current Controller. CW operation mode, external TTL input and Analog input 0-5Vdc for LED power control. Power adaptor included.	\$760.00
Remark: A complete UHP-T-MP light source system is comprised of: LED head and Current Controller. See also "Accessories" section below.		

UHP-T2 Products		
UHP-T2-White-CT (CT = 4500K, 5700K, 6500K, High-CRI)	Ultra High Power White LED head, 2" collimating optics for lower divergence, 3x3 mm square chip. (other color temp. and LED chips are available please inquire)	\$3,150.00
UHP-T2-WL (WL = 460 / 520 / 630)	Ultra High Power White LED head, 2" collimating optics for lower divergence, 3x3 mm square chip. (other wavelengths and LED chips are available please inquire)	\$3,150.00
UHPTLCC	Benchtop UHP-T-LED Current Controller. CW operation mode, external TTL input and Analog input 0-5Vdc for LED power control. Power adaptor included.	\$760.00
Remark: A complete UHP-T2 light source system is comprised of: LED head and Current Controller. See also "Accessories" section below.		

Accessories		
Mic-ADPT-Type (Type = N / O / Z / L)	Microscope adaptor for LED head or Beam Combiner (see accessories section below) Please specify N for Nikon / O for Olympus / Z for Zeiss / L for Leica microscope type	\$85.00
Mic-ADPT2-Type (Type = N / O / Z / L)	Microscope adaptor for UHP-T2-LED head. Please specify N for Nikon / O for Olympus / Z for Zeiss / L for Leica microscope type	\$150.00
Multi-LED-BC	Beam combiner for LED heads, includes dichroic mirror and connection pins. (Unfit T2)	\$790.00
USB-TTL Interface unit	Control of LED ON/OFF from computer via USB Compatible with Micro-Manager, LabView, Matlab, HyperTerminal commands	\$350.00
Filter-Wheel	Filter Wheel for use with White LED source 6 positions filter wheel compatible with all Prizmatix LED heads (Mic, UHP, UHP-T)	\$740.00
Beam Switcher	Enables dual use of LED source: Allows for LEDs installed on a microscope to be used either as microscope epi-fluorescence illumination or illuminating via a fiberoptic probe.	\$960.00
LLG-3	Liquid Light Guide Core 3 mm, Length 1.5m	\$400.00
LLG-5	Liquid Light Guide Core 5 mm, Length 1.5m	\$500.00
LLG-A3	Liquid Light Guide Adaptor for LLG-3 enabling coupling of UHP-Mic, UHP-T or Mic-LED into LLG	\$260.00
LLG-A5	Liquid Light Guide Adaptor for LLG-5 enabling coupling of UHP-Mic, UHP-T or Mic-LED into LLG	\$260.00
LLG-CM3	3mm core Liquid Light Guide (LLG-3) collimator. 1 inch output. No XY adjust	\$240.00
LLG-CM5	5mm core Liquid Light Guide (LLG-3) collimator. 1 inch output. No XY adjust	\$240.00
LLG-C3-Type (Type = N / O / Z / L)	XYZ adjustable Collimator for LLG-3 Light Guide. Please specify N for Nikon / O for Olympus / Z for Zeiss / L for Leica microscope type	\$535.00
LLG-C5-Type (Type = N / O / Z / L)	XYZ adjustable Collimator for LLG-5 Light Guide. Please specify N for Nikon / O for Olympus / Z for Zeiss / L for Leica microscope type	\$535.00
FCA-CN (CN = SMA / FC / ST)	Adaptor for Fiber for UHP-T, UHP, Mic-LED, UHP-M (not suitable for UHP-T-2 head) Please specify connector type	\$240.00
USB-LED-CTRL_x4	Option: Computer control box for up to 4 LED controllers via USB. The unit equipped with 4 outputs 0-5V. Supplied with software for LED control. Compatible with any software that can send HyperTerminal commands like LabView, Matlab, and others.	\$450.00
Photodiode	For reference measurement (please see the Photodiodes Tab in this Excel file)	

• Shipment: ARO 1-4 weeks (according to QTY).

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