



## Laser Lamps: Flash Lamps and Arc Lamps

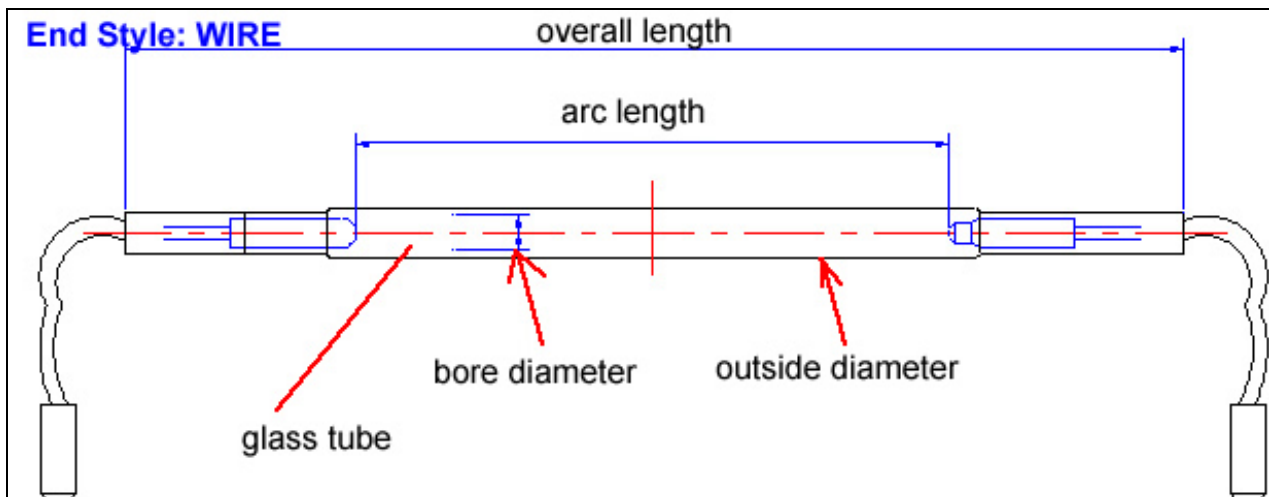
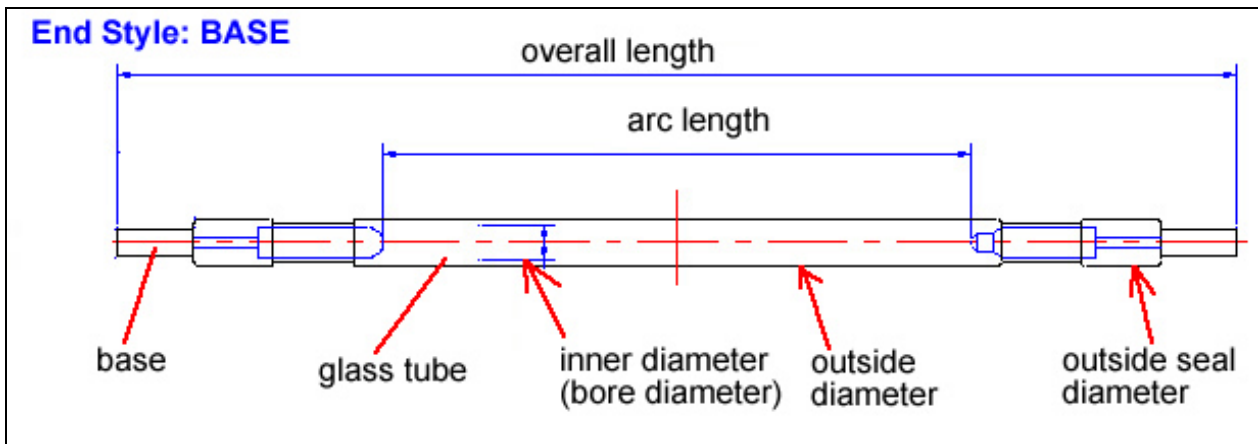
Laser lamps are mercury-free gas discharge lamps used to pump solid-state lasers in many laser applications like welding, cutting and marking. They are especially suitable for high-power lasers or lasers with high precision requirements.

Also for non-laser applications like IPL hair removal, ultraviolet (UV) curing, sun simulation and rapid thermal processing of silicon wafers, pulsed laser lamps are increasingly used. Their main advantages in these applications are their broad spectral output and their high powers.



**Table of Parameters for Continuous Wave Lamps**

Bore(mm)	Maximum W/cm of Arc	Nominal Current (A)	Maximum Current (A)	Minimum Current (A)	Maximum Static Impedance
4	400	20	24	7	1.10
5	520	30	33	10	0.6
6	700	40	46	13	0.41
7	800	50	56	17	0.31
8	930	65	72	20	0.25



## 1. High Performance CW Arc Lamps for Lasers (Kr gas filled)

CW (continuous wave) lamps are gas discharge lamps that are mainly used in marking lasers and lasers for welding and cutting. We offer CW lamps in a wide range of power and design, either made to customer specification or as standard replacement lamps.

Our CW lamps are widely recognized as the leading product in the market. Because of the unique automated laser lamp manufacturing line, they offer an excellent lamp-to-lamp repeatability. A stronger seal and optimised designs have made longer lifetimes possible.

Model	Bore (mm)	Arc (mm)	OAL (mm)	OD (mm)	Parameters	Equivalent to	Typical laser makers
NL5157	4	50	152	6	115V/20A	QCW614	
ST166	4	76	215	5	155V/20A	NL5057A	Bassel, Rofin
NL5109	4	76	221	6	155V/20A	NL5078	
F157	4	98				NL5130	Electrox
ST5166	4	100	276	6	177V/22A	CP1920, NL5166	Han's Laser
ST6645	4	102	243	5	200V/20A	NL5039	Control Laser
ST209	5	76	215	6			Rofin, Hysol
ST9608	5	84	177	6	155V/30A	NL4462, QCW43, LKA3330, L6542	Lee Laser, Chicago(CLS), Spectra Physics
ST726/1129	5	100		6	162V/30A	ST726, NL5023	Rofin Sinar
NL5113	5	100	219	7	162V/30A	QCW245	FOBA
ST5171	5	100	240	6	170V/30A	CP2310, NL5171	
ST641	5	100	250	6	175V/30A		Han's Laser (T80C)
ST5028	5	102	195	6	175V/30A	NL5028, QCW93 ST9300, ST93	General Scanning, Lee Laser
ST5647	5	120	240	6	170V/30A		
ST256	5	120	270	6	170V/30A		
NL5142	5	121	251	7		LL1313	Spectron
STXF889	6	100	190	8			Baasel
ST8280	6	100	204	7	158V/40A		Laserscope Lyra
NL547	6	100	300	8	152V/40A	P2008E, CW190	NEC
NL5121	6	150	250	8	200V/40A		Nihon Welding
ST5018	6	150	350	8	200V/40A	NL5018	
ST8142		97	188	8		(WIRE)	
STJK310	8	145	270	9.2			
ST8000	8	165	256	9	255V/50A		500W laser

### STK Series Krypton Lamps

Description of model number: STKxxx-yyy-zzz-Waaa or STKxxx-yyy-zzz-DxL

STK – Kr lamp

xxx – outside diameter (In general, the thickness of the glass tube is 1mm)

yyy – arc length

zzz – over all length

W -- WIRE end style (no W means BASE end style), aaa is the wire length

DxL – diameter and length of BASE if the end is BASE.

Model	Bore (mm)	OD (mm)	Arc (mm)	OAL (mm)	BASE (dia.xlength)
STK-6.5x100x250-4x8	4.5	6.5	100	250	4x8
STK-6.5x100x270-4x10	4.5	6.5	100	270	4x10
STK-6.5x125x270-4x10	4.5	6.5	125	270	4x10
STK-7x100x210-4x8	5	7	100	210	4x8
STK-7x100x250-4x8	5	7	100	250	4x8
STK-7x125x270-4x10	5	7	125	270	4x10
STK-8x95x214-5x7	6	8	95	214	5x7
STK-8x100x235-5x8	6	8	100	235	5x8
STK-8x100x250-5x10	6	8	100	250	5x10
STK-8x100x256-5x10	6	8	100	256	5x8
STK-8x100x270-5x10	6	8	100	270	5x10

STK-8x100x288-5x10	6	8	100	288	5x10
STK-8x120x260-5x8	6	8	120	260	5x8
STK-8x120x264-5x10	6	8	120	264	5x10
STK-8x125x270-5x10	6	8	125	270	5x10
STK-8x125x280-5x10	6	8	125	280	5x10
STK-8x150x288-5x8	6	8	150	288	5x8
STK-8x150x290-5x8	6	8	150	290	5x8
STK-8x100x210-5x8	6	8	100	210	5x8

## 2. High Performance Pulse Flashlamps for Lasers

Flash lamps are gas discharge lamps that are used in many applications. By far the most demanding of these is the optical pumping of lasers. The high optical power per pulse requires the best materials and designs to achieve long lifetimes. We manufacture customized flash lamps in a wide range of power and design as well as standard replacement lamps.

With an innovative technology that optimizes the quartz glass envelope, gas fill and electrode design, our flash lamps combine high pulse energy and very long lifetime. Automated manufacturing ensures constant quality through minimized tolerances.

For cosmetic pulsed light applications like hair removal and skin rejuvenation, specially designed flash lamps are available. Also for flash lamp applications like UV curing and sun simulation, we work closely with customers to design the optimum lamp.

Model	Bore (mm)	OD (mm)	Arc (mm)	OAL (mm)	Gas	End Style	Equivalent to	Remark
ST7047	4	5	48	108	Xe	4.75x10		Continuum, Quantel, Hoya
STXF158	4	6	75	165	Xe, 450 torr	BASE	QXF158	
STK479	4	6	76		Xe, 700 torr	WIRE		Laservall
ST5712	5	7	31	90	Xe, 600PSI	BASE	AQL5712	for acne treatment or hair removal
ST2821	5	7	50	110	Xe, 450 torr	5x10	P2821	
ST7030	5	7	102	204	Xe, 3atm	BASE	NL7030	
STXF789	5	7	120	246	Xe	5x13		
ST1500	6	7	45	105	Xe, 450 torr	BASE	QXF1334	Quanta System
F275	6	8	50.8	155	Xe, 450 torr	BASE		
ST800	6	8	100	190	Xe, 450 torr	4.75x13		
ST9764	6	8	100	246	Xe, 450 torr	BASE	P2015A STQXF337	NEC
STPL50	6	8	102			WIRE		Laservall
ST9751	7	9	102	220	Xe, 450 torr	BASE		Miyachi
ST7000	8	9	170	256	Xe,	5.8x12		
ST9762	8	10	150	298	Xe, 450 torr	BASE	P2014 STQXF345	NEC
F292	8	10	189	333	Xe, 450 torr	BASE	P2021	NEC
ST5618	8		5				NL7083, AQH5618	Plasmalite

### STX Series Xenon Lamps

Description of model number: STXxxx-yyy-zzz-Waaa or STXxxx-yyy-zzz-DxL

STX – Xe lamp

xxx – outside diameter (In general, the thickness of the glass tube is 1mm)

yyy – arc length

zzz – over all length

W -- WIRE end style (no W means BASE end style), aaa is the wire length

DxL – diameter and length of BASE if the end is BASE.

Model	Bore (mm)	OD (mm)	Arc (mm)	OAL (mm)	BASE (dia.xlength)	User
STX-5x75x140-3x5	4	5	75	140	3x5	
STX-7x70x150-4x5	5	7	70	150	4x5	

STX-7x100x210-4x8	5	7	100	210	4x8	
STX-7x100x186-4x8	5	7	100	186	4x8	
STX-8x85x178-5x17	6	8	85	178	5x17	
STX-8x90x190-5x13	6	8	90	190	5x13	
STX-8x90x220-5x8	6	8	90	220	5x8	
STX-8x90x240-5.5x8	6	8	90	240	5.5x8	
STX-8x95x237-6x8-B	6	8	95	237	6x8	Lelee Laser
STX-8x100x200-5.5x8	6	8	100	200	5.5x8	
STX-8x100x230-5x8	6	8	100	230	5x8	
STX-8x100x250-5x8	6	8	100	250	5x8	
STX-8x100x256-5x8	6	8	100	256	5x8	
STX-8x100x288-5x10	6	8	100	288	5x10	
STX-8x110x250-5x8	6	8	110	250	5x8	
STX-8x120x240-5x8	6	8	120	240	5x8	
STX-8x120x260-5x8	6	8	120	260	5x8	
STX-8x140x280-5x8	6	8	140	280	5x8	
STX-8x150x297-5x10	6	8	150	297	5x10	
STX-9x130x264-6x8	7	9	130	264	6x8	
STX-9x280x390-6x8	7	9	280	390	6x8	
STX-10x45x125-6.5x5	8	10	45	125	6.5x5	

### 3. IPL Lamps

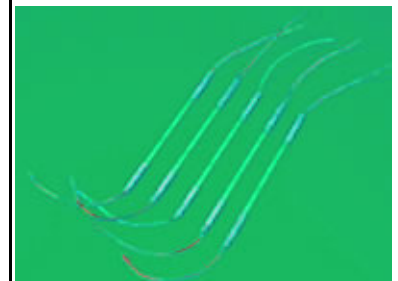
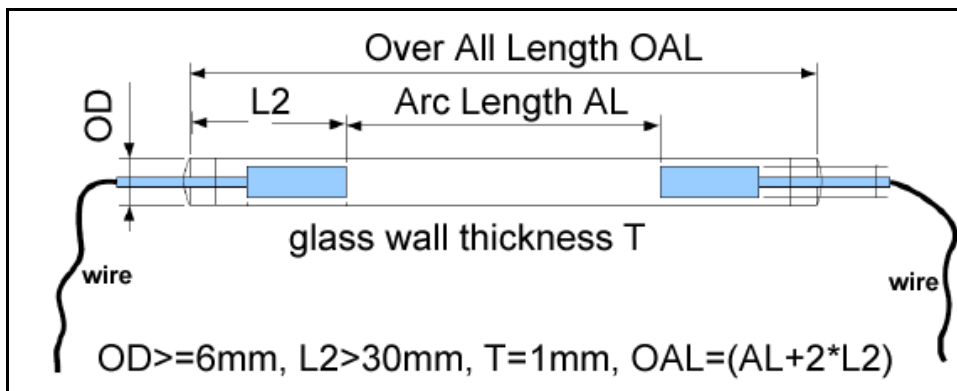
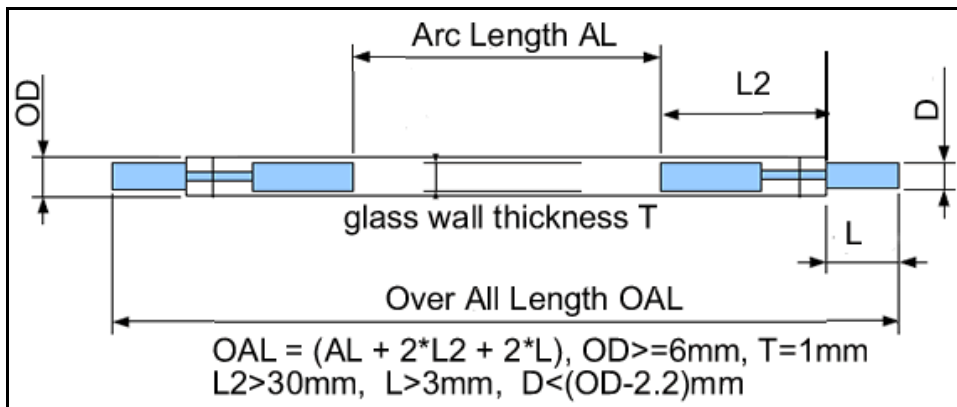
Model	Bore (mm)	Arc (mm)	Quartz type	Lamp type	Typical IPL maker & system or equivalent to	Application
ST670	3	25	CFQ	XFP		
ST1601	3	35.5	CDQ	XFP		
ST2026	4	50	CDQ	XFP	Sciton	Hair removal & skin rejuvenation
ST7081 (=ST1062)	4	50	CFQ	XFP	DDD, Ellipse	Hair removal
ST7079 (=ST1062)	4	50	CFQ	XFP	Energies	Hair removal
ST7080 (=ST1062)	4	50	CFQ	XFP	Equinox, Light Touch	Hair removal
ST7081 (=ST1062)	4	50	CFQ	XFP	Greenton	Hair removal
ST6990	4	61	CDQ	Xenon		
ST7084	5	16	CDQ	XFP	MBC, Plasmalite	Skin rejuvenation
ST7088	5	16	CDQ	XFP	MBC, Plasmalite	Skin rejuvenation
ST7083	5	18	CDQ	XFP	MBC, Plasmalite	Hair removal & skin rejuvenation
ST7087	5	18	CDQ	XFP	MBC, Plasmalite	Hair removal & skin rejuvenation
ST7086 (=ST7082)	5	20	CDQ	XFP	MBC, Plasmalite	Hair Removal
ST7082 (=ST7086)	5	20	CDQ	XFP	MBC, Plasmalite	Hair removal
ST5712	5	31	CDQ	XFP	Med-Op	Hair removal
ST5712G	5	38	CDQ	XFP	Med-Op	Hair removal
ST2253	5	45	CDQ	XFP	Primary Technology	Hair/skin treatments
STX7x45x90-W	5	45	CDQ	XFP	P3096	Hair removal
ST2305	5	48	CDQ	XFP	Palomar	Hair/skin treatments
ST-1906-1	5	48		XFP	Syntechlaser, Apollo III	Hair removal
ST2306/8667	5	50	CDQ	XFP	Palomar	Hair/skin treatments
STX7x50x125-W	5	50	CDQ	XFP		Hair removal
ST2216 (ST2237)	5	76	CDQ	XFP	Lumenis, Epilight, Vasculite, Photoderm	
ST9862-700	6	36	CDQ	XFP		
ST-1907-1	6	36		XFP	Sharplight, Beamax	Hair removal
ST3028	6	38	CDQ	XFP		Hair removal
ST2125	6	50	CDQ	XFP	Active Beauty	
ST2307	6	50	CDQ	XFP	Lord Ingenierie	Hair removal
ST2308	6	50	CDQ	KPP	Lord Ingenierie	Hair removal
ST2252	6	50	CDQ	XFP	Primary Technology	Hair/skin treatments

CDQ - UV absorbing Cerium doped quartz; XFP - Xenon gas filled

Model	Bore (mm)	OD (mm)	Arc (mm)	OAL (mm)	BASE (DxL, mm)
STX-6.5x50x116-3x4	4.5	6.5	50	116	3x4
STX-6.5x50x130-4x8	4.5	6.5	50	130	4x8
STX-6.5x50x180-4x8	4.5	6.5	50	180	4x8
STX-6.5x70x135-W	4.5	6.5	70	135	WIRE
STX-6.5x70x180-4x8	4.5	6.5	70	180	4x8
STX-7x50x116-3x4	5	7	50	116	3x4
STX-7x60x125-4x8	5	7	60	125	4x8
STX-7x60x156-4x8	5	7	60	156	4x8
STX-7x75x160-4x8	5	7	75	160	4x8
STX-7x100x184-4x8	5	7	100	184	4x8
STX-7x100x186-4x8	5	7	100	186	4x8
STX-9x70x140-4x5	7	9	70	140	4x5

Remark: 1) UV absorbing cerium doped quartz is used in the STK series lamps.  
 2) End style WIRE is available upon request.

For STX and STK series lamps, please refer to the following figure to tell us what you want if you can not find the lamps from the above tables. We may custom-design and –make the lamps for you.



## 4. Other Lamps

Lamp model	Laser Manufacturer
	<b>AB LASER INC. (ROFIN GROUP)</b>
ST512AS	Baasel 600, 80750-005, 131100029, 209-08890
ST601S	Baasel 601, 80750-006, 131100030, 202-08330
ST166, NL5057A	Baasel 2001, 6000, StarMark SM65, 80750-009, 131100032, 131100054, 209-08891
ST209	Baasel 2001, 6000, StarMark SM90, 80750-008, 131100031, 202-0831
ST700	Baasel StarMark SM150, 80750-029, 131100046, 209-10481
STXF889	Baasel StarCut 10, 4001, BLS27, BLS701, BLS710, BLS720, 80750-026, 131100043
ST9600	Baasel StarWeld Performance, 80750-012, 1311000035
ST9615	Baasel StarWeld, 80750-027, 131100044
ST2412	Baasel StarWeld Tool 100W, 80750-043, 131100052
STJK37	Baasel StarWeld 150W, BLS730, 80750-010
ST9674	Baasel StarWeld 250W, 80750-028, 131100132
ST1122	Baasel StarWeld 500W, Xenon
ST1123	Baasel StarWeld 500W, Krypton/Xenon, 80750-031
	<b>ADRON LASER</b>
STQJK96	Adron AYS450
	<b>ADVANCED LASER</b>
ST4462S	Lee Laser Model 712
	<b>AEM Holdings (AEM-Ever Tech)</b>
STXF683	LD310, F450-2
	<b>AESFULAP</b>
ST776	Aesculap Laser Model Vision
STX83	Aesculap – Meditec MCL 29 – Dermablate Er-YAG
	<b>ALCON LASER</b>
ST354	Alcon Surgical model 532
	<b>ALLIED/APOLLO</b>
ST6063	Allied Laser 1610, Krypton, YAG
ST4678	Allied Laser 1610, Xenon, ALEXANDRITE
	<b>ALLTEC</b>
ST5112	Alltec LN30
ST5113	Alltec LN100W
	<b>ALPHA LASER GmbH</b>
STJK281	Pulspower JMM 150
STJK237	Alpha Laser ALS35 (Old Model)
STJK574	Siro Laser ALC35, ALO35, ALS35,
STK394	Siro Laser ALS35S, SL50, SL75, AL75, AL100, ALV100, ALW100, ALM150
STAL200	Alphalaser AL200, 600M130229
STK571	ALW75, ALW1000
	<b>APPLIED PHOTOPHYSICS</b>
STXA108	Applied Laser LR10
STXA109	Applied Laser LR16
	<b>APOLLO</b>
STH2300	Helical Flashlamp for Laser Ruby Rod 3/4" x 3"
STH2600	Helical Flashlamp for Laser Ruby Rod 3/4" x 6", Apollo Model 35
STH2800	Helical Flashlamp for Laser Ruby Rod 1" x 8"
STH2900	Helical Flashlamp for Laser Ruby Rod 1 3/4" x 4"
	<b>ARCOTRONICS</b>
STXF3	B.O.C. Laser Model 203

ST450	<b>ARGES LASER</b> Hammerhead 200Hz, F126
ST1723 (QXF1150)	<b>Asclepion Laser Technologies</b> Er Yag laser Dermalate
ST512AS	<b>AUREL</b> Aurel NAVS2
ST512AS ST601S ST166, NL5057A ST209 ST700 STXF889 ST9600 ST9615 ST2412 STJK37 ST9674 ST1122 ST1123 ST601LL	<b>BAASEL LASERTECHNIK (ROFIN GROUP)</b> Baasel 600, 80750-005, 131100029 Baasel 601, 80750-006, 131100030 Baasel 2001, 6000, StarMark SM65, 80750-009, 131100032, 131100054 Baasel 2001, 6000, StarMark SM90, 80750-008, 131100031 Baasel StarMark SM150, 80750-029, 131100046 Baasel StarCut 10, 4001, BLS27, BLS701, BLS710, BLS720, 80750-026, 131100043 Baasel StarWeld Performance, 80750-012, 1311000035 Baasel StarWeld Performance, 80750-027, 131100044 Baasel StarWeld Tool 100W, 80750-043, 131100052 Baasel StarWeld 150W, BLS730, 80750-010 Baasel StarWeld 250W, 80750-028, 131100132 Baasel StarWeld 500W, Xenon Baasel StarWeld 500W, Krypton/Xenon, 80750-031 Baasel 601, 80750-006, 131100030
ST1313 STS27 ST5129 (=ST5161H)	<b>BAUBLYS</b> Baublys PCBL4-3, BL150 150W (CW) 120W (Q Switched) Laser AL150 Baublys BL65, 65W (Q Switched) Laser Baublys BI00, 100W (Q Switched) lase
ST1448	<b>BEKO</b> Beko WL-40 Laserstar, Xenon
ST749	<b>BENTZY LASER SERVICES</b> Bentzy Multitasking Diamond processing system
ST8142 ST7941	<b>BIG SKY</b> Big Sky Part number 03665515 Big Sky CFR400
ST26 ST1061	<b>BIOPHARM</b> Biopharm IPL lamp Biopharm IPL lamp
ST1500	<b>BIOS</b> IPL Dual Mode
ST1500	<b>Blueshine</b> IPL
ST1788 ST164	<b>BMI</b> BMI Laser Model LK741 5011 BMI Lamp Part Number LK535
ST201 ST561 STXF3	<b>BOC</b> BOC Laser 201 BOC Laser 101, 102 BOC Laser 203
ST5233 ST4665	<b>CANDELA LASER</b> Candela lamp part number 05-CAN-12-5 Candela lamp part number 05-CAN-24-5

ST5501 Candela lamp part number 05-CAN-24-7  
ST8511 Candela laser model Gentlelase 9908-02-0408

**CHEVAL LASERS**

STK329 Cheval 400W laser, 24600L  
STJK310 Cheval M-L 005

**CHICAGO LASER**

ST510S Chicago Laser CLS510  
ST512AS Chicago Laser CLS512, CLS37S  
ST4522S Chicago Laser CLS 520  
ST708S Chicago Laser CLS37W, CLS39, CLS977, CLS 907, CLS960, Lee Laser 708  
ST4462S Chicago Laser CLS37W, CLS39, CLS977, CLS907, CLS960, Lee Laser 708

**CHROMATIX**

STXF4 Chromatix Laser CMX4

**CHROMATRON**

ST747 Chromatron Laser Model Induwrite  
ST767 Chromatron Laser Model Induwrite 2

**Chutian Laser**

STK-8x100x250-5x10  
STK-8x125x270-5x10 50W laser marker  
STX-9x130x264-5x10

**CLARK-MXR**

ST520B Clark Laser Model ORC-1000

**CLYXON LASER**

ST1341 Clyxon Pulsed Laser, Krypton  
ST1531 Clyxon Pulsed Laser, Xenon

**COHERENT/COHERENT GENERAL/LASER INC.**

ST7668 Coherent Omega 34, Krypton  
ST6054 Coherent Omega 34, Xenon  
ST7104 Coherent 7900  
ST4533 Coherent Antares  
ST4669 Coherent Everpulse 11 &14, Hufmann Ind. 0513-002-01  
STM14 Coherent M14  
STFDB Coherent Model 60  
ST8588 Coherent Infinity  
ST7734 Coherent Versapulse Medical, 0619-450-01, Ultrafine Er:YAG  
ST8114 Coherent Medical  
ST7903 Coherent Medical

**CONTINUUM/QUANTEL U.S.A.**

ST5260 Continuum 203-0007  
ST5960 Continuum FL408, 203-0022  
ST5961 Continuum YG481, FL410, 203-0023  
ST5962 Continuum FL406-04, 203-0001  
ST6064 Continuum FL-312 Ruby, 203-0026  
ST7045 Continuum Minilite I, Minilite II, 1998 onwards, 203-0039  
ST7047 Continuum 203-0041, MiniLite I, Minilite II  
ST8007 Continuum PC700-10, TO3-008  
ST6213 Continuum FL611-09, PY61C-10 (Amplifier), PY61C-20, 203-0018  
ST6358 Continuum FL-315-09, 203-0009  
ST6379 Continuum 203-0027  
ST6497 Continuum FL310G, 203-0011  
ST6802 Continuum SFL312R  
ST7383 Continuum FL-312-Glass, 203-0024  
ST7716 Continuum Surelite II, Powerlite 7010, 7020, 7030, 8010 (oscillator), 203-0035  
ST7886 Continuum Powerlite 9000 Series Amplifier, Medilite Amplifier, 203-0036



ST8044 Continuum FL611-07, YG571C, YG580, 203-0012  
 ST8045 Continuum FL611-06, YG660, YG682, Powerlite 6000, 7000, 8000 and 9000 series (oscillator), Powerlite plus, Surelite I, Medilite, PY61C-10 203-0019  
 ST8046 Continuum FL506-04, PY61-10, 203-0017  
 ST8047 Continuum Surelight III, Powerlite 8000 series Amplifier, powerlite 9050, Amplifier, Powerlite plus Amplifier, Medilite IV 203-0032  
 ST7039 Continuum Minilite 10, 20, early models, 203-0037  
 ST8595 Continuum model 203-9001

**CONTROL LASER**

ST510S Control Laser 255, 256, 510, 511  
 ST512AS Control Laser 512, 513, Instamark, Script  
 ST512BS Control Laser Instamark, Script, Emblem  
 ST520S Control Laser 258, 520, H-518, 620  
 ST4522S Control Laser 520, Extended arc length  
 ST532S Control Laser 531, 532, 534, 536, 630

**CONTROL LASER**

ST612S Control Laser 612, Elite, Signature, Emblem  
 ST5461 Control Laser 612, Special Voltage 150 –170V lamp  
 ST400S Control Laser 400, 428, 438, 440-8, 480-16, Huffman, XMR, (Arc Length 101mm)  
 ST987 Control laser 612, Special 30A 131-138 Volts  
 ST400L Control Laser 400, 428, 438, 440-8, 480-16; Huffman, XMR, (Arc Length 117mm)  
 ST6645 Control Laser 512 PLUS, Signature 100, Script 100  
 ST5116 Control Laser, Insignia, Icon  
 ST264 Control Laser, 258, 520, 620, High stability (30A 117-127V)  
 ST1019 Control Laser, Insignia, Icon, High Stability (15A 165-175V)

**CONVERGENT ENERGY**

ST1873 Convergent Energy Aurora P-10  
 ST1525 Convergent Energy Aurora P-50

**COOPER LASERSONICS/MOLECTRON**

ST536 Cooper 8000, 8900, 2500  
 ST534 Cooper 4000, 6000  
 ST3409 Cooper MY32  
 ST3410 Cooper MY34, MY35

**CRAFFORD PRECISION PRODUCTS**

ST8624 CPP Laserstar, 405-2460-405  
 ST8623 CPP Laserstar Hi Performance 405-2460-406

**CVI LASER**

STEJG CVI YAG MAX C95  
 ST502 CVI YAG MAX 210  
 ST4461 CVI YAG MAX 212

**CYNOSURE**

ST499 Cynosure, Apogee Modular  
 ST9551 Cynosure, Apogee 6200 Non-Modular  
 ST9856 Cynosure, LPIR, LCY-7043  
 ST1158 Cynosure, Photogenica dye lamp  
 ST1612 Cynosure, Photogenica T10 Alexandrite lamp

**DDD**

ST1062 (=ST7081) DDD Ellipse

**DEK**

STS26 DEK Laser Trimmer

**DORNIER**

STQCW187 Dornier Lamp part number B 3003687  
 STS26 DEK Laser Trimmer, Spectron SL501Q, SL501TQ

	<b>EKSMA</b>
ST7077	Eksma Laser Model PL 2143B, 45mm arc length lamp
ST7074	Eksma Laser Model PL 2143B, 58mm arc length lamp
ST7054	Eksma Laser Model PL 2143B, 75mm arc length lamp
	<b>ELECTRONICA VALSERIANA</b>
STK509	Electronica Valseriana Lamp part number 022500038, Softlight, EV5000
ST5008	Electronica Valseriana CW Lamp
	<b>ELECTROX</b>
ST908	Electrox Raymarker 1, 262-000-010
ST786	Electrox Scriba I and II, 85W with end plugs New model
ST484	Electrox Scriba I and II, 120W (upgrade)
	<b>ENERGIS</b>
ST1062	Energis Elite IPL
	<b>E.S.I.</b>
ST510S	E.S.I. 25, 44
ST512AS	E.S.I. 44
ST570S	E.S.I. 44, 80, 4000A, 4200, 3570, 3572, 5100, 5150
ST520S	E.S.I. 44
ST65	E.S.I. Japan
	<b>EQUINOX</b>
ST1062	Skinsoft Equinox IPLS
	<b>ESTELUX</b>
ST1062	Estelux IPL, LUX Y
	<b>EXCEL PHOTONIX</b>
ST1062	Excel Photonix IPL
ST7031	Excel Photonix Pulsar
	<b>FANUC</b>
ST272	Fanuc 500W CW Laser
STYP500B	Fanuc YP500 Laser, 500W Pulsed laser
	<b>FERRANTI</b>
STXF35	Ferranti Die Driller 611, 651
	<b>FLOROD</b>
ST512AS	Florod 40, 41, 42, 70, Control Laser 512
ST4182	Florod LRY, LWY
ST6473	Florod LCM30
	<b>FOBA</b>
ST5112	Fobalas 84S, 30 Watt
ST5113	Fobalas 90 MK-DT, 94S, 100 Watt
ST258	Fobalas 114S, 200 Watt
	<b>FOTONA</b>
STS27	Fotona YAG-22
ST1852 (LONG LIFE)	Fotona YAG-22
ST2007	Fotona WL-40 Spotlight, Krypton
ST1448	Fotona WL-40, Laserstar, Xenon
ST7060	Fotona Fidelis, 1 Joule Er:YAG
ST2284	Fotona Fidelis M002A
STXF1141	Fotona Fidelis M320A
	<b>FOX LASERS</b>
ST114	Fox 7400

ST5025	<b>FUJI</b>
ST365	Fuji 100W Laser Marker Fuji 50W Laser Marker
ST9300	<b>GENERAL SCANNING/GSI LUMONICS</b>
ST8090LL (LONG LIFE)	General Scanning Hi-Mark 400, 800, 1400, 6000 General Scanning Hi-Mark 400, 800, 1400, 6000
ST1062	<b>GREENTON</b> Greenton IPL
STS27	<b>GRETAG/TRUMPF</b>
ST1852 (LONG LIFE)	Gretag 6210, 6211 Gretag 6210, 6211
STEJG	<b>GTE</b> GTE606
STS27	<b>HAHN &amp; KOLB, HK TECHNOLOGIES</b>
ST1852 (LONG LIFE)	Hahn & Kolb Enigma Hahn & Kolb Enigma
ST5166	<b>Hans Laser</b>
STX-8x125x270	50W laser marker, YAG-M50 (NL5166)
ST641	YAG-T50
STK6.5x100x250-4x9	YAG-T80C (P2875, P2793)
STK6.5x120x300-4x9	
STK8x120x270-5x9	
STK8x120x290-5x9	
STX9x130x264-5x9	
ST536	<b>HERAEUS LASERSONICS/SURGICAL</b>
ST534	Heraeus 8000, 8900, 2500
ST3409	Heraeus 4000, 6000, LUXUS100
ST3410	Heraeus MY32
ST5045	Heraeus MY34, MY35
ST5087	Heraeus Lasersonics Hercules 5060
ST5022	Heraeus Lasersonics Hercules 5100, 5000-100 Heraeus Lasersonics Hercules 5040
ST604	<b>HOBART</b> Hobart Model 3750-0007-00
ST510S	<b>HOLOBEAM</b>
ST520S	Holobeam 255, 256
ST532S	Holobeam 257, 258 Holobeam 2660
ST512BS	<b>HONG LUNG</b> Control 512
ST4669	<b>HUFMANN INDUSTRIES</b> Hufmann Ind. 0513-002-01
ST4517	<b>HOYA</b>
ST7045	Hoya lamp part number 3.5 X AMG, L/2.11/G
ST7047	Hoya laser model HCL-2100 Hoya laser model HCL-2100F

**HYSOL/PARTRIDGE LASERS**

STQCW135	Hysol HM100, 100 watt
ST58	Hysol HM100, HDU6520
ST5048	Hysol HM100, HDU6520
STM	
ST908	ILM/Electrox Raymarker 1
STPAQ	
ST166, NL5057A	Impaq laser model CWQ2025
ST209	Impaq laser model CWQ2040
ST2045	Impaq laser model CWQ2045
	<b>INLASER</b>
STJK386	InLaser LWD4 9 LWD4V
	<b>INNOLAS</b>
STS27	Innolas Model 1000, 2000
ST1852 (LONG LIFE)	Innolas Model 1000, 2000
ST9155	Innolas 701, 702
	<b>ISKRA</b>
STS27	Iskra YAG-22
ST1852 (LONG LIFE)	Iskra YAG-22
ST4190	Iskra Models UPLAS 502, YAG 20, YAG 21, QT/E8WR
	<b>JEC</b>
ST510S	JEC 1020, 1028
ST512AS	JEC 1024
	<b>KMS FUSION</b>
ST3457	KMS-Fusion Pulsed Laser, Krypton
	<b>KOMATSU</b>
STQCW108	Komatsu Q120W, PH15L-1
ST517	Komatsu Q150W
	<b>KORAD</b>
STKY3	Korad KY3
STKY5	Korad KY5
STH6000	Helical flashlamp for Korad K-1
STH6020	Helical flashlamp for Korad K-2
STH6050	Helical flashlamp for Korad K-5
STH6060	Helical flashlamp for Korad K-6
	<b>LASAG</b>
ST1767	Lasag KLS246-040FC, 64-0153
ST5006	Lasag LAK101, KLS11, LAK100, KLS016, Topaz, 64-0156, 64-0302
ST6638	Lasag LAK101, KLS111, LAK100, KLS016, 64-0158, 64-0371
ST4605	Lasag LAK101, KLS11, LAK100, KLS016, 64-0114, 64-0116
ST5007	Lasag LAK301-302, KLS321-322, LAK400-401, 64-0157, 64-0324, Krypton
ST5009	Lasag LAK301-302, KLS321-322, LAK400-401, 64-0159, 64-0372, Xenon
ST6073	Lasag LAK601, LAK501-502, KLS521-522, 64-0309
ST1807	Lasag LAK601, LAK501-502, KLS521-522, KLS 24E, LAK542-300, 64-0551
ST5010	Lasag LAK101-102, KLS111-112, KLS126, 64-0154, 64-0323
ST1798	Lasag LAK101, KLS11, LAK100, KLS016, Topaz, 64-0579
ST9405	Lasag, 64-0552
ST1927	Lasag, 64.0553
ST1800	Lasag Slab FM 015, 64.0649
	<b>LASER APPLICATIONS – FRANCE</b>
ST6461	Laser Applications Model LAP988 (Upgrade)
	<b>LASER APPLICATION/LASERMETRICS</b>
ST4191S	Laser Application 9560, 28 Amp
ST550S	Laser Application 9560, 9555, 40 Amp

ST5845 Laser Application 95100  
ST8205 Laser Application 95150  
ST400L Laser Applications 94100 (Arc Length 117mm)  
ST400S Laser Applications 94100 (Arc Length 101mm)

**LASER ASSOCIATES**

ST560 Laser Associates 254B  
STX11 Laser Associates 252C  
STSPACERAY Laser Associates 211A Ruby Laser

**L.B.T**

ST341 L.B.T Model MYLS60  
STQCW419 L.B.T Model MYLS100

**LASER DESIGN**

STQCW189 Laser Design P.E.I. SLEEVES  
STQCW189Q Laser Design, Ceramic Sleeves

**LASER IDENTIFICATION SYSTEMS**

ST116LL (LONG LIFE) LIS Wafer Mark 345, II (ST116LL is the new version of ST116)  
ST116LLS LIS Wafer Mark 345, II (long life 800 hours) (ST116LLS is the new version of ST116LLXL)

**LASER INDUSTRIES – USA**

STSPACERAY Laser Industries Spaceray

**LASER INDUSTRIES**

ST95 Toshiba LAY618, 652, Sharplan 2100, 3000

**LASER INNOVATIONS**

STQCW336 Laser Innovations Emerald

**LASER ITALIA**

ST9650 Laservall Compac

**LASER OPTRONICS**

ST747 Laser Optronics 747, 757  
ST767 Laser Optronics 767  
ST804 Laser Optronics 777

**LASER PHOTONICS**

**Enquire** Please specify laser model and lamp part number

**LASERSCOPE**

ST520BC Laserscope 804, 102, LSY, BL3, CL20YAG, Aura  
ST241 Laserscope KTP/YAG 800  
ST8280 Laserscope Lyra, lamp part number 0124-0350  
ST321 Laserscope lamp part number 0113-2260  
ST520S Laserscope infinity  
ST5001 Laserscope Erbium Venus

**LASERSTAR TECHNOLOGIES**

ST1715-1 Bright Star, laser welding machine, L8624

**LASIT**

ST218S Lasit Fleximark, Easymark 80 Watt  
STQCW336 Lasit Fleximark, Easymark 120 Watt

**LASITRON**

STQCW189 Lasitron ML136

**LASERVALL**

ST479 Laservall Vall mark 7, 8, 10, 11  
 STK372 Laservall JL15  
 STPL50LL (LONG Laservall PL50, PL75, PL100, JL30, Cyberwelder  
 LIFE)  
 ST295 Laservall IPL unit

**LEE LASER**

ST708S Lee Laser 708, 808, 750, LKA3020  
 ST4462S Lee Laser 708, 712, 808, 812, LKA3330  
 ST9300 Lee Laser 715, 718, 818, 815, 825, LKA4030  
 ST93 Lee Laser 715, 718, 818, 815, 825, LKA4030  
 ST5206 Lee Laser, LKA5340  
 ST1689 Lee Laser LKF-650  
 ST6914 Lee Laser 703, LKA2020  
 ST5028 Lee Laser Diamond processing lasers  
 ST1689 Lee Laser 615M

**LIGHTAGE**

ST6790 Lightage Alexandrite laser

**LITRON LASER SYSTEM**

ST401  
 ST1240 LPY732-50

**LPKF**

STXF720 Baasel Laser 4001, SC18  
 STXF889 Baasel Laser Starcut, BLS27, SC18  
 ST2007 LPKF Stencil Cutting Laser SL25, SL600  
 ST5176 UV350L

**LS LASER SYSTEMS/M.L.S.**

ST767 MLS 035  
 ST7544 MLS 500 watt slab Model FBS500  
 STQCW360 MLS 100 watt  
 ST9651 MLS KB50  
 ST6775 MLS 300 watt slab laser model FBS300

**LUMENIS, SHARPLAN**

STX737 Lumenis Derma K  
 ST8586 Epi-Light Hair Removal Laser, Photoderm  
 ST95 Toshiba LAY618, 652, Sharplan 2100, 3000  
 ST7112 Sharplan 5100 Epitouch, High power  
 ST2028 Sharplan 5100 Alexandrite laser, Epitouch, New version  
 STXF390 Sharplan 2000 Ruby  
 ST1311 Sharplan 5000 Ruby  
 ST9860 Lumenis D-Light  
 ST2216 Epilight System

**LYNTON MEDICAL**

ST1522 Lynton Lumina IPL for Hair reduction & Vascular Lesions (old model ST995)

**GSI LUMONICS/JK LASER**

STJK1 JK MS800, MS330, MS820, MS830LD, 12280090A  
 STJK26 JK 700, 701, 702, 706, 12280180A, P55B6770B  
 STXF69 JK 704, 12280200A, P55F3830B  
 STQXF54 JK 2000, HY750, MS25, HY200, HY450, 12280070A  
 STXF63 JK MS20, MS35, YM-800 12280020A  
 STXF65 JK 2000, HL52, GSG1/6, Derma Ruby Laser, 12280030A  
 STXF2 JK MS10, 12280050A  
 STJK23 JK MS300, 12280060A  
 ST5913 JK MS810, 12280100A  
 ST259 Lumonics Multiwave  
 ST9153 Lumonics Luxstar LXTR50, P61R4980X, 12280250A,50W laser

STX634 Lumonics Luxstar LXTR30, P61Y6980X, 30W laser  
 STJK214 Lumonics Screencut P55Y4051B  
 ST9300 Lumonics HM series  
 ST1010 Lumonics ScreenCut 4000, ScreenCut 5000 , F410-4  
 ST2202 Lumonics AM356 Multiwave  
 ST116LL Lumonics Lightwriter (long life 400 Hrs)  
 ST116LLS Lumonics Lightwriter 217.020.00, (extra long life 600 Hrs)  
 ST116LLXL Lumonics Lightwriter 217.020.00, long life 800 Hrs  
 STMW200 Lumonics Multiwave

**MARCRIST**

ST5138 Marcris Marking Laser

**MBB-MEDILAS**

ST747 Medilas 1 & 2  
 ST51 Medilas 4060-40  
 STQCW146 Medilas 100N  
 STQCW187 Medilas 4060 Fiberton

**MEDICAL BIOCARE, LUXSANO, MBC NORSE**

ST7082 MBC Plasmalite 20mm gap  
 ST7083 MBC Plasmalite 18mm gap  
 ST7084 MBC Plasmlite 16mm gap

**MEDICOM**

ST1776 Medicom LS-100

**MICRO-CONTROLE – FRANCE**

ST164 Micro-Controle FLI 705C, Maria III

**MICRON/LASITRON**

STQCW39 Lasitron 120

**MIYACHI**

ST6755 (=NL9751) Miyachi ML2330, ML2100A, ML2200A, ML2331B, ML2332B, ML2333A, MLD-0603  
 ST9771 Miyachi ML2350A, ML2351A, MLD0603 with clips  
 ST7153 Miyachi 2332, 2330  
 ST7353 Miyachi ML1330D  
 ST6847 Miyachi ML2600B  
 ST6848 Miyachi ML2500A, ML2360A  
 ST6663 Miyachi ML2600B  
 ST910 Miyachi ML4141A, ML4141B, MLD0406  
 ST8516 Miyachi LW10/15, ML2030A, ML2030B, ML2130A, ML2050A, ML2150A, ML2051A, ML2052A, 13813, MLD-0608, MLD0902  
 ST7965 Miyachi MLD-0601  
 ST3097 Miyachi ML2450A, A-02914, MLD-0861  
 ST9553 Miyachi MLD-0602

**M.L.S./LS LASER SYSTEMS**

ST767 MLS 035, MLS 7032  
 ST7544 MLS 500 watt slab laser model FBS500  
 STQCW360 MLS 100 watt  
 ST9651 MLS KB50  
 ST6775 MLS 300 watt slab laser model FBS300

**N.E.C.**

ST545 NEC SL114A, 114F, 114G, SL475H, SL5 & 5ZA, P2002D  
 ST547 NEC SL1150G, 1150H, 1150J, 1150K, 116A, 116B, SL475E, SL436G, P2008E  
 ST546 NEC SL115A, YL452  
 ST7003 NEC SL117-2C, 3C, 4C  
 STQXF337 NEC SL476A2, P2015A, NL9764  
 ST5416 NEC P2013  
 ST3171 NEC YL451, P2007

STQXF345/NL9762 ST292	NEC SL124E, YL478IS, M801B,C, M802C, P2014, P2019 NEC P2021
ST6811 ST7886	<b>NEW WAVE RESEARCH</b> Medilite 1 Solo PIV 0002-0036, Tempest, Gemini
STGYC1500	<b>NIDEX</b> Nidex laser model GYC1500
STQJK302	<b>NIHON LASER SYSTEMS</b> Nihon RC150YWF, LY-300
ST1311 STXF390 STS27 ST1852 (LONG LIFE)	<b>N.W.L</b> NWL Meltemi, LSY BL8 NWL Levante, Meltemi, LSY BL2 NWL Dali, Maestro, Mistral NWL Dali, Maestro, Mistral
ST1398	<b>OBARA LASER</b> Obara laser YPR-005062, 50W
ST117LL ST5129 (=ST5161H) ST749 ST749A	<b>ORZIV</b> Orziv 2001 400 Hrs Orziv Spectron Express, Spectron F950-4 Orziv 2001, 800 Hrs, 35 Amps Maximum Orziv 2001, 800 Hrs, 40 Amps Maximum
ST118 ST118E	<b>OTARI</b> Otari, 250W & 350W Otari, 250W & 350W
ST6962 ST2306/8667	<b>PALOMAR</b> Palomar Spektrum Ruby Palomar IPL hair removal lamp
ST500	<b>PM INDUSTRIES</b> PM 45, 200, 300
STXF777 ST1165	<b>POLARIS</b> Polaris Ruby Polaris Ruby, Folded cavity
STQCW324	<b>POSITIVE LIGHT</b> Positive Light Merlin
STDCR1 ST4539	<b>QUANTA RAY</b> Quanta Ray DCR1 Quanta Ray DCR2, GCR Series, PRO 250-10, 350, INDI series, SP-0004-0725
STXF920 ST2003 ST135 ST1035 ST1017 ST2226 ST1500	<b>QUANTA SYSTEMS</b> Quanta Pulsed Laser , Aphrodite, 920 M149475 089 Quanta QMI-120 Quanta QMI-80 Quanta QMI-70 Quanta Palladio Quanta IPL systems IPL Dual Mode, CM1
STYG581C STX557 STQXA63	<b>QUANTEL FRANCE</b> Quantel YG581C Quantel SFLBR1-06, Brilliant Quantel Ruby FC-312



ST6903 Quantel IQL30  
 ST8306 Quantel E8-10B  
 ST8045 Quantel SFL-611-06  
 STXF405 Quantel SFL-511-07

ST218S QUANTUM LASER  
 STQCW336 Quantum laser maxi mark (80 Watt)  
 Quantum Laser Maxi mark 2 (120 Watt)

**QUANTRAD**  
 ST510S Quantrad 1733  
 ST512AS Quantrad 1969  
 ST550S Quantrad 9555, BLAZER 2000, COMET, GALAXY

**QUANTRONIX**  
 ST114E Quantronix 114, 602, 603, Warranty 200 Hrs  
 ST116LL Quantronix 116, 604, 416, 4916, 4216 (Long Life) Warranty 400 Hrs  
 ST116LLXL Quantronix 116 laser lamp 800 hours lifetime  
 ST117LL Quantronix 117, 117E, 4217 (Long Life), Warranty 400 Hrs  
 ST749 Quantronix 117 laser lamp 800 hours lifetime  
 ST118 Quantronix 118, OTARI  
 STDRS Quantronix DRS1, DRSII  
 ST749A Quantronix 117 Laser lamp 800 hours lifetime, 40 Amps Maximum

**RASEL**  
 ST5126 Rasel Lamp MS6384AL, 20 Amps 156/162V  
 ST5093 Rasel Laser, 20 Amps 154/160V

**RAYTHEON**  
 STSS500K Raytheon SS500, SS525, SS531, SS550, Krypton  
 STSS500X Raytheon SS500, SS525, SS531, SS550, Xenon  
 STRSS117 Raytheon SS-117  
 STR323 Raytheon 117, 323  
 STR380 Raytheon 380, 480, 484  
 STR107RD Raytheon Ruby Driller  
 STR371 Raytheon 371  
 STR347 Raytheon 347  
 STR136 Raytheon 136

**ROFIN BAASEL**  
 ST512AS Baasel 600, 80750-005, 131100029, 209-08890  
 ST601S Baasel 601, 80750-006, 131100030, 202-08330  
 ST601LL Baasel 601, 80750-006, 131100030, 202-08330  
 ST166, NL5057A Baasel 2001, 6000, StarMark SM65, 80750-009, 131100032, 131100054, 209-08891  
 ST209 Baasel 2001, 6000, StarMark SM90, 80750-008, 131100031, 202-08331  
 ST700 Baasel StarMark SM150, 80750-029, 131100046, 209-10481  
 ST800 Baasel Laser Epixan Alexandrite  
 STXF889 Baasel StarCut 18, 4001, BLS27, BLS701, BLS710, BLS720, 80750-026, 131100043  
 ST9600 Baasel StarWeld Performance, 80750-012, 131100035, 5000 Series, 6000 Series  
 ST9615 Baasel StarWeld 80750-027  
 ST2412 Baasel StarWeld Tool 100W, 80750-043, 131100052  
 STJK37 Baasel StarWeld 150W, BLS730, 80750-010  
 ST9674 Baasel StarWeld 250W, 80750-028, 131100132  
 ST1122 Baasel StarWeld 500W, Xenon  
 ST1123 Baasel StarWeld 500W, Krypton/Xenon, 80750-031

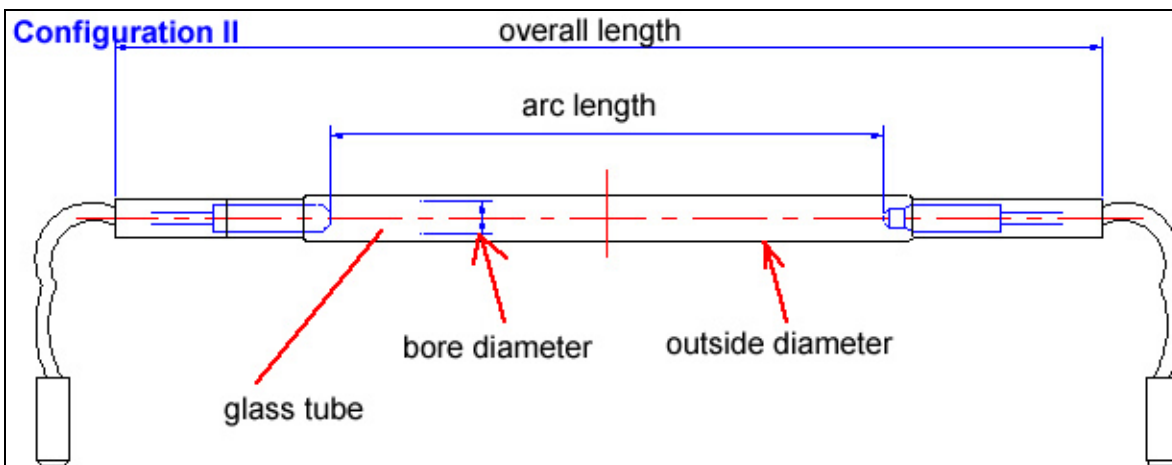
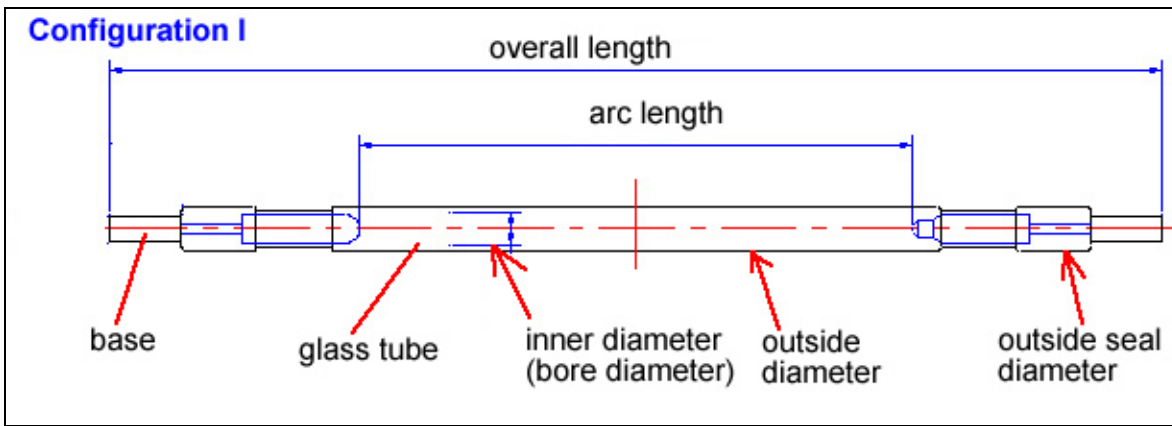
**ROFIN SINAR**  
 ST767 Rofin Sinar Evermark 8070, 815, 860,  
 ST726 Rofin Sinar RSY90Q, RSY120Q, PowerLine, 751015A –NL5023 Equivalent  
 ST9607 Rofin Sinar RSY300, 751-429, 131100084  
 ST9601 Rofin Sinar Pulsed, 710824, 710799  
 ST1445 Rofin Sinar RSY500, 710798

ST6834	<b>SCHWARTZ E-O</b> Schwartz 1-2-3 HoYAG
ST2062	<b>SCITON</b> Sciton IPL System
STQCW336 ST9300	<b>SEI</b> SEI 120W laser SEI 80W laser
STXF716	<b>SLS BIOPHILE, ICN</b> Chromos 694 Ruby, MEHL, Chromos 585 Dye laser, N Lite
ST512AS	<b>SIEMENS</b> Siemens Silamatic
ST1803	<b>SIMRAD</b> Simrad LP1
STJK574 STK394	<b>SIRO LASERTEC</b> Siro Laser ALC35, ALO35, ALS35, Siro Laser ALS35S, SL50, SL50P, SL75, SL75P, SLI150, Thunder, Tornado, Hurricane, Thunderstorm
STK372 STK479 STPL50LL (LONG LIFE)	<b>SISMA</b> Sisma SL25, SL35 Sisma SL25, SL35 (LONG Laservall SL50, SL80, SL100, LM series
ST9858	<b>SOLAR LASER SYSTEMS</b> Solar laser 50J
ST570S ST4462S STDCR1 ST4539 STQCW324	<b>SPECTRA PHYSICS/QUANTA-RAY</b> Spectra Physics 3000, 3400 Spectra Physics 3800 Quanta Ray DCR1 Quanta Ray DCR2, DCRII, GCR Series, PRO 250-10, PRO 350, INDI series, LAB130, SP-0004-0725 Spectra Physics Merlin
STS26 STS27 STQXF166 STQXF169 STQXF182 ST1311 STXF390 ST1852 (LONG LIFE) ST1313 ST1010 STXF888 ST5129 (=ST5161H) ST2260 ST2260/50A STS62 STXF683 ST2343 ST8324	<b>SPECTRON</b> Spectron SL500W, SL501, SL501Q, SL50Q, SL501T, SL501TQ, F900-3 Spectron SL502, SL502Q, SL902, SL902Q, SL902T, SL902TQ, SL903, F900-4 Spectron SL400-800, SLD601, F400-3 (Oscillator) Spectron SL400-800, SLD613, F400-4 (Amplifier) Spectron SL1 Spectron F1220-4 Sharplan 5000 Ruby Spectron F1200-4, Sharplan 2000 Ruby, NWL Levante, Limmer Ruby Spectron SL502, SL502Q, SL902, SL902Q, SL902T, SL902TQ, SL903, F500-4 Spectron SL1302Q, SL1308TQ, F1500-5 Spectron SL603, F410-4C Spectron SL456G, F1200-2 Spectron F950-4 Spectron F5501-6 Spectron F5501-6P F5501-60P (50A 210-220V) Spectron 3580-3, Lasermatic Spectron SL852G, F450-2 Spectron SL1310, F900-5 Spectron 2w Yag
Enquire	<b>SPEKTRUM GmbH</b> Please specify laser model and lamp part number

ST5064	<b>SURGICAL LASER TECHNOLOGY</b> SLT 0300-6040
ST4678 ST6063 ST9504	<b>SYLVANIA</b> Sylvania 1610, Xenon Sylvania 1610, Krypton Sylvania GTE 612-1
ST4801	<b>TECHNOMED</b> Technomed MC2500
ST510S ST512AS ST708S ST4462S ST114 ST116LL ST116LLS ST116LLXL	<b>TERADYNE/TLSI/GENERAL SCANNING L.S.D.</b> Teradyne 311, H-507 Teradyne 411, H-514, WD411 TLSI W614, W670 TLSI W614, W670 Teradyne M118 Teradyne W419, W421, W429, W614, M118 (Long Life) Teradyne W419, W421, W429, W614, M118 (Long Life 600 hours) Teradyne W419, W421, W429, W614, M118 (Long Life 800 hours)
ST6016	<b>TEXAS INSTRUMENTS</b> Texas Instruments 803285-4
ST1788 ST164	<b>THALES</b> Thales Saga lasers Nd:YAG 220/20, 220/10, Pulsed Thales Saga lasers Nd:YLF laser, 120/10, CW
ST8142	<b>THERMOLASE</b> Thermolase Softlight
ST4491S ST601S ST117LL ST749	<b>T.L.T.</b> T.L.T. Model 800 T.L.T. Model 1200, 1400 T.L.T. Model 2400, Quantronix 117, Long Life, 400hrs T.L.T. Model 2400, Quantronix 117, Extra Long Life, 600hrs
ST501 STAY606 STAY803 STAY806 ST95 ST114 ST325 STQCW18 STAY600 STAY601 STAY605A ST4465B ST5024 ST5092 ST9756 ST4465A ST5093 ST7760 ST6925 ST9753 STXF1124 ST5147 ST600 ST5149	<b>TOSHIBA/SHIBAURA</b> Toshiba LAY711, 614, 631, 20A, 140-162V Toshiba LAY606A, 608A Toshiba LAY803, P8FA013 Toshiba LAY806 Toshiba LAY616, 618, Sharplan P8FC010 Toshiba LAY612, 624 Toshiba OTARI, LAY791, P8FC013 Toshiba LAY714, 651, 717, 601, 602, 603 Toshiba LAY600A, C, D Toshiba LAY601, 602, 603, 619, P8FA019 Toshiba LAY605A Toshiba P8FC011, 20A, 145-155V Toshiba LAY729EB-5AP, 3000W P8FC016A LAY664D Toshiba P8FC018D, P8FC018E Toshiba P8FA002 Toshiba P8FC011, 20A 151-155V Toshiba P8FC011, 20A 154-160V Toshiba LAY729GC Toshiba P8FA013B Toshiba LAY822A/B, P8FA018 Toshiba 600W LAY828HA, P8FA024 Toshiba UYH-01900, 100W laser, P8FC019B Toshiba P8FC018B Toshiba LAY688, 2kW laser, P8FC020

ST5145	Toshiba P8FC018E, P8FC018F
	<b>TRUMPF/HAAS</b>
STS27	VectorMark (Standard Version)
ST1852	VectorMark (Long Life Version)
ST2000	HL353D, HL556D, HL703D, HL1003D, HL1006D, HL1504D, HL2006D, HL3006D, HL4006D, 759082, 01-04-23-00 (Standard Version)
ST9000 (old model ST1000LL)	HL353D, HL556D, HL703D, HL1003D, HL1006D, HL1504D, HL2006D, HL3006D, HL4006D, 1252860, 01-04-34-00 (Long Life Version)
ST260	HL124P
	<b>UNIVERSAL LASER SYSTEMS</b>
ST708S	LEE 808, 812, 20 Amp Lamp, High Stability
ST4462S	LEE 808, 812, 29 Amp Lamp
	<b>U.S. LASER</b>
ST521	US Laser Model 403TQ3
	<b>USHIO</b>
ST5132	40W laser system
	<b>VISION LASERTECHNIK GMBH / VISION LASER</b>
ST9654	Vector Vision laser 50W
ST9656	Vector Vision laser 100W (LWI III)
ST250H	Vision laser (LWI IV)
	<b>WAVELIGHT</b>
STXF701	Wavelight Burane Er:YAG
ST8280	Wavelight Lyra, LSY BL12
ST5001	Wavelight Venus Er:YAG
STXF889	Wavelight Arion
ST520BC	Wavelight Aura & Orion, LSY BL3
ST800	Wavelight Alexandrite EpiXan
	<b>WORLD OF MEDICINE</b>
ST7078	UV-100
	<b>XENOLITE</b>
ST1062	Xenolight IPL system
	<b>ZANOBONI</b>
ST601LL	Zanaboni 60W Marking System

### Form of Specifications of Lamps



	Required	Remark
<b>Operation mode &amp; configuration</b>		
CW or pulse		
Configuration I or Configuration II		
<b>Mechanical</b>		
Filled gas (Kr or Xe)		
Filled gas pressure (torr)		
Glass tube: bore diameter (mm)		
Glass tube: outside diameter (mm)		
Arc length (mm)		
Overall length (mm)		
Base: diameter (mm)		
Base: length (mm)		
UV filtering (needed or not)		
<b>Electrical</b>		
Max. voltage (V)		
Max. current (A)		
Max. power (W)		
Trigger voltage (V)		
<b>Quantity (pcs)</b>		
<b>Additional information</b>		

If the buyer does not know the above parameters, please provide following parameters:

	Specification	Remark
Manufacturer of machine		
Model of machine		
CW or pulse		
Laser power		