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PHILIPS

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 **GE**
Lighting

EXCELITAS
TECHNOLOGIES



USHIO

Cermax[®]

WelchAllyn[®]

Keeler

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Lâmpada para operação microscópica

	Código	Volts & Watts	Descrição
	PE300BFA	14V 300W	Compatible with Smith & Nephew Dyonics 300XL, Storz 300W Xenon Light Sources & many others. 5 hole connectivity.
	PE175BFA	12.5V 175W	Cermax 175W parabolic ceramic xenon lamp. Compatible in all known 175W Storz xenon light sources. 3 hole connectivity.
	PE300C/10F	13.5V 300W	Cermax 300W Elliptical ceramic xenon lamp. Compatible in Applied Fiber Optics xenon light sources. Zero hole mount.
	PE300BFM	13.5V 300W	Cermax 300W parabolic ceramic xenon lamp and module. Includes plastic casing.
	XBOR100W/45C	14V 100W	Osram 100W xenon short arc lamp with 5 pin connector
	XBOR101W/45C	14V 100W	Osram 100W xenon short arc lamp with leads
	XBOR180W/45C	14V 180W	Osram 180W xenon short arc lamp with 5 pin connector used in Operating Microscopes & Light Sources Longer lead version also available for Optec units
	XBOR181W/45C	14V 180W	Osram 180W xenon
	XBOR300W/60C	17.5V 300W	Osram 300W xenon with 5 pin connector
	UXR300BU	14V 300W	Ushio 300W ceramic xenon lamp. Compatible with most 300W Olympus CLV-S & CLV-U Light Sources. 5 hole connectivity




















Lâmpada para operação microscópica

	Code	Volts & Watts	Description
	UXR300CU	14V 300W	Ushio 300W Ceramic Xenon lamp for continuous operation only. 3 hole connectivity.
	ME300BF	13.5V 300W	Cermax VQ™ 300W Xenon lamp for use with Smith & Nephew 500XL Light Source & Leica M525 F50 Surgical Microscope.
	M21E00S-001	21W	Solarc lamp
	Stryker Q5000	250W	Osram HTI250W/22 Metal Halide lamp with bracket & 4 pin connector for Stryker Quantum 5000 Light Source
	M21E001	21W	Welch Allyn 21W Solarc Arc lamp for Storz Medi Pack Light Source
	A1/231	12V 100W	Osram HLX64627 & Philips 6834 EFP Halogen lamp with reflector & GZ6.35 base
	A1/232	15V 150W	Osram HLX64634 & Philips 6423 EFR Halogen lamp with reflector & GZ6.35 base
	PE300C-10FS	300W	Cermax 300W Xenon lamp for Pentax EPK-i Light Source
	EJA	21V 150W	Halogen lamp with reflector & GX5.3 base
	BS-H2	3V	Pentax lamp for BS-LH2 Light Source




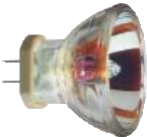






Lâmpada para microscópio

	Code	Volts & Watts	Description
	HXPR120/45C	75V 120W	Osram 120W mercury short arc long life lamp with 5-pin connector
	HBO 50W/ACL1	39-45V 50W	Osram 50W mercury short arc lamp for fluorescence microscopy
	HBO 100W/2	20.5V 100W	Osram 100W mercury short arc lamp for fluorescence microscopy
	HBO 103W/2	22.5V 100W	Osram 100W longer life (300 hours) mercury short arc lamp for fluorescence microscopy
	USH 102-D	100W	Ushio 100W mercury short arc lamp for fluorescence microscopy
	USH 103-D	100W	Ushio 100W longer life (300 hours) mercury short arc lamp for fluorescence microscopy
	5761	6V 30W	Halogen capsule G4 base
	8G102	6V 10W	Lamp for an Olympus microscope with E10 base
	M30	6V 20W	Philips 7388 & Osram HLX 64250 halogen capsule G4 base
	384643	12V 50W	50W halogen microscope lamp with bracket
	10445334	12V 50W	Leica 50W halogen microscope with integral cover
	A1/215	12V 100W	Philips 7023 & Osram HLX64625 halogen capsule GY6.35 base
	A1/216	24V 150W	Philips 7158 & Osram HLX64640 halogen capsule G6.35 base
	A1/230	12V 75W	Philips 6853 & Osram HLX64615 halogen with reflector GZ6.35 base
	A1/231	12V 100W	Philips 6834 & Osram HLX64627 halogen with reflector GZ6.35 base
	64260	12V 30W	Tungsten halogen PG22 base
	64261	12V 30W	Tungsten halogen G6.35 base

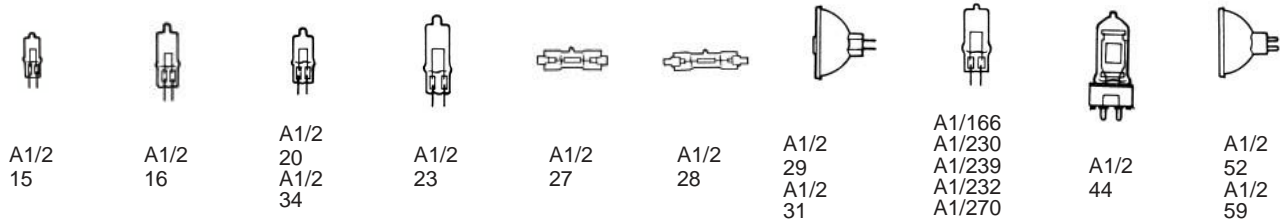
Lâmpada para sala de operação

	Code	Volts & Watts	Description
	56115282	22.8V 50W	Hanaulux 2000 Series halogen lamp with vertical filament orientation and G6.35 base - Box Ref. 567901954
	64650	22.8V 50W	Osram halogen lamp with vertical filament and G6.35 base
	186762	24V 100W	Angenieux halogen capsule lamp with horizontal filament and G6.35 base
	HLX64638	24V 100W	Osram halogen capsule lamp with horizontal filament and G6.35 base
	ECL0001	23V 100W	ALM Prismalix halogen capsule lamp. Horizontal filament & X514SP base. Box Ref. 567202138
	567901947	22.8V 40W	22.8V 40W infra red coated lamp with vertical filament and G6.35 base
	ECA002	24V 120W	ALM halogen capsule with X514 base
	CZ907-22	22.8V 250W	Berchtold halogen capsule with horizontal filament and G6.35 base
	CZ907-24	24V 250W	Berchtold halogen capsule with horizontal filament and G6.35 base
	CZ908-22	22.8V 150W	Berchtold halogen capsule with horizontal filament and G6.35 base
	CZ908-24	24V 150W	Berchtold halogen capsule with horizontal filament and G6.35 base
	CZ909-22	22.8V 150W	Berchtold halogen capsule with vertical filament and G6.35 base
	CZ955-12	12V 50W	Berchtold halogen capsule with horizontal filament and G6.35 base
	86-905-01	24V 120W	Martin ML500/501 lamp set
	86-907-01	24V 150W	Martin ML700/701 lamp set
	86-907-02	SET	Martin ML702 lamp set including 90V 70W + 24V 120W halogen lamps
	86-908-02	90V 70W	Martin ML502 lamp
	86-910-02	24V 250W	Martin ML1000/1001 lamp set
	H24501 DKK	24V 50W	24V 50W G8 halogen
	H018769	22.8V 40W	Hanaulux halogen capsule with horizontal filament and G6.35 base
	H018566	22.8V 50W	Hanaulux halogen capsule with horizontal filament and G6.35 base

Lâmpada para aparelhos dentístico

	Code	Volts & Watts	Description
	P3/10 (13165)	14V 35W	Philips MR11 halogen lamp with reflector and GZ4 base
	13298	10V 52W	Philips MR11 halogen lamp with reflector and GZ4 base
	14623	17V 95W	Philips Focusline halogen capsule with G6.35 base
	13865	12V 75W	Philips Focusline halogen reflector with G5.3 base
	HLX 64617 (M117)	12V 75W	Osram halogen with reflector with G5.3 base
	A1/51	12V 100W	Osram 64624 halogen with reflector with G5.3 base
	HLX 64642 (M184)	24V 150W	Osram halogen capsule with G6.35 base
	A453	12V 55W	Halogen H3 PK22S
	A1/216	24V 150W	Osram HLX 64640 & Philips 7158 halogen capsule with G6.35 base
	A1/220	12V 50W	Osram HLX 64610 & Philips 7027 halogen capsule with reflector and G6.35 base
	A1/230	12V 75W	Osram HLX 64615 EFN & Philips 6853 halogen with reflector and GZ6.35 base

Lâmpada para foco cirúrgico



Type Number	Equiv No.	Ansi	Volts	Watts	Base	Light Centre Length	Nominal Dimensions		Light Output Lumens	Avge. Life
							Dia	Length		
A1/215	7023	FCR	12	100	GY6.35	30.0±0.25	11	44	3000	50
HLX A1/215	HLX64625		12	100	GY6.35	30.0±0.25	11	44	3500	50
A1/216	7158	FCS	24	150	G6.35	32.0±0.5	13.5	50	4700	50
HLX A1/216	HLX64640		24	150	G6.35	32.0±0.5	13.5	50	6000	50
A1/220	7027	BRL	12	50	G6.35	30.0±0.25	11.5	44	1400	50
HLX A1/220	HLX64610		12	50	G6.35	30.0±0.25	1.5	44	1550	50
A1/223	7748	EHJ	24	250	G6.35	33.0±0.25	13.5	55	8500	50
HLX A1/223	HLX64655		24	250	G6.35	33.0±0.25	13.5	55	9500	50
A1/227	12216R	FAL	120	420	R7s		14	64	11000	100
A1/228		FCB	120	600	R7s		13.5	91.8	17000	75
A1/228	12250R	FEB/FEA	240	600	R7s		13.5	91.8	16000	75
A1/229	6847	EFM	8	50	GZ6.35		50	42		50
A1/230	6853	EFN	12	75	GZ6.35		50	42		50
HLX A1/230	HLX64615		12	75	GZ6.35		50	42		50
A1/231	6834	EFP	12	100	GZ6.35		50	42		50
HLX A1/231	HLX64627		12	100	GZ6.35		50	42		50
A1/232	6423	EFR	15	150	GZ6.35		50	42		50
HLX A1/232	HLX64634		15	150	GZ6.35		50	42		50
A1/233		DYR	240	650	GY9.5	36.5±10	23	65	16500	50
A1/234	6550	BRJ	15	150	G6.35	30.0±0.25	11.5	44	5000	50
HLX A1/234	HLX64633		15	150	G6.35	30.0±0.25	11.5	44	5800	50
A1/235	7763C		24	250	PG22d	230±0.2	13.5	56	8500	50
A1/236	13119C		12	150	P30s	55	45	95		25
A1/239	7787	EVD	36	400	G6.35	36.0±0.25	18	60	14450	50
HLX A1/239	HLX64663		36	400	G6.35	36.0±0.25	18	60	16900	50
A1/241		BCK	120	500	G17t	39.7±1.0	23	94		50
A1/244	7389		240	500	GY9.5	36.5±0.5	23	75	14000	50
A1/248			240	150	G6.35	40.0±0.5	16.3	62	3000	50
A1/249			240	300	G6.35	40.0±0.5	16.3	62	7200	50
A1/252	13164	EJL	24	200	GX5.3		49.7	45		50
A1/254		EHA	120	500	GY9.5	36.5±0.5	22	75		50
A1/254	4968	FGP/EMG	240	500	GY9.5	36.5±0.5	22	75		50
A1/257			240	650	GY9.5	36.5±0.5	23	75		75
A1/258		EMM/EKS	24	250	GY7.9		44	47.5		50
A1/259	13163	ELC	24	250	GX5.3		45	49.7		35
A1/260	6604		12	75	GZ6.35		53.6	51		50
A1/261	5973	FDT	12	100	GY9.5	27.0±0.25	13	57	3000	50
A1/262	5974	DZE/FDS	24	150	GY9.5	33.3±0.25	15	60	4900	50
A1/264		DYS	120	600	GY9.5	36.5±1.0	23	65	16000	75
A1/266		DNF	21	150	GY7.9		50	43		50
A1/268		EPS	240	500	G17t	39.7±1.0	23	94		50
A1/270	HLX64664		36	400	G6.35		18	60		150

Lâmpada UVA/UVB

Dimensions in mm

Type	A max	B max	C max	D1 min	D max
PL-S 9W 2P 01 Narrowband UVB	28.8	144.5	167.0	28.0	13.0
PL-S 9W 2P 12 Broadband UVB	28.8	144.5	167.0	28.0	13.0
PL-S 9W 2P 71 Special Blue (Jaundice)	28.8	144.5	167.0	28.0	13.0

Dimensions in mm

Type	A max	B max	C max	D1 min	D max
PL-L 36W 4P 01 Narrowband UVB	384.2	410.0	416.6	39.0	18.0
PL-L 36W 4P 360 UVA	384.2	410.0	416.6	39.0	18.0

Dimensions in mm

Type	A max	B max	C max	D1 min	D max
PLL 18W/71 4-pin	188.2	214.0	220.6	39.0	18.0

Dimensions in mm

Type	A max	B min	B max	C max	D max
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UVB Narrowband (/01) Phototherapy lamps

TL 20W/01	589.8	594.5	596.9	604	40.5
TL 40W/01	1199.4	1204.1	1206.5	1213.6	40.5
TL 100W/01	1763.8	1768.5	1770.9	1778	40.5
TL 120W/01	2000	2004.7	2007.1	2014.2	40.5

UVB Broadband (/12) Phototherapy lamps

TL 20W/12	589.8	594.5	596.9	604	40.5
TL 40W/12	1199.4	1204.1	1206.5	1213.6	40.5
TL 100W/12	1763.8	1768.5	1770.9	1778	40.5

Jaundice (/52) Phototherapy lamps

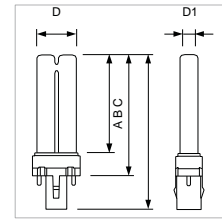
TL 20W/52	589.8	594.5	596.9	604	40.5
TLD 18W/52	589.8	594.5	596.9	604	28

UVA (/09) Phototherapy lamps

TL 40W/UVA	1199.4	1204.1	1206.5	1213.6	40.5
TL 100W/UVA	1763.8	1768.5	1770.9	1778	40.5



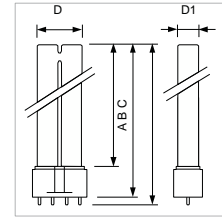
Philips PL-S 9W



Philips PL-S 9W /12 G23



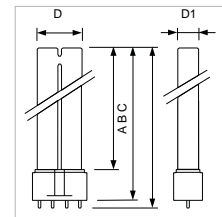
Philips PL-L 36W



Philips PL-L 36W



Osram PL-L 18W/71/4P



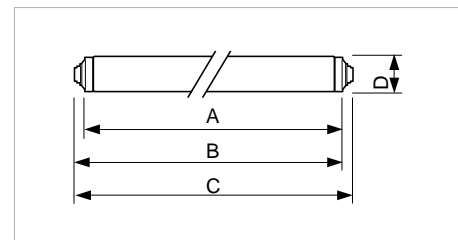
Osram PL-L 18W/71/4P



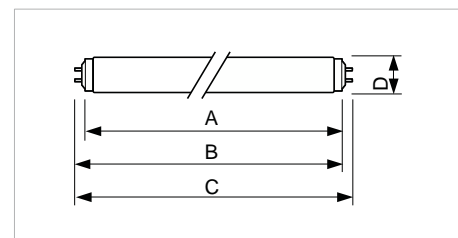
Philips TL with RDC cap (R17d)



Philips TL with bi-pin cap (G13)


















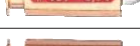





Dimensions with RDC cap (R17d)



Dimensions with bi-pin cap (G13)

Heine

	2.5V	3.5V	Instrument
	X-001.88.032	X-002.088.047	Autofoc, Examination Lamp with automatic connector
	X-001.88.109		Mini 3000 Dermatoscope
	X-001.88.034	X-002.88.053	Alpha+ Illuminated Loupe, Alpha+ Dermatoscope, Mini 2000 Dermatoscope
	X-001.88.035	X-002.88.044	Illuminated head for Spreadable Anal Speculum, Glaucotest, F.O. Laryngoscope handle, angled F.O. Laryngoscope handle, Amnioscope - only 3.5V, Alpha+ Finoff
	X-001.88.035		F.O. SP Laryngoscope lamp handle
	X-001.88.037	X-002.88.049	Diagnostic Oscopes, K100 and BETA 100, Operating Oscope, Curved Laryngeal Mirror (for 3.5V X-02.88.062), Tongue Blade Holder, Alpha+ F.O. Oscope, Alpha+ Tongue Blade Holder
	X-001.88.105		Mini 3000 F.O. Oscope
	X-001.88.037		Mini 2000 F.O. Oscope, Alpha Oscope, Mini 3000 Tongue Blade Holder, Mini Tongue Blade Holder, Alpha Tongue Blade Holder
	X-001.88.038	X-002.88.046	Illuminated Loupe with automatic connector, HFR 2 Spot Retinoscope, Microflex* Ophthalmoscope, DELTA 10
	X-001.88.039	X-002.88.091	Focalux with automatic connector
	X-001.88.040	X-002.88.051	Proctoscope head for proximal illumination
	X-001.88.108		Mini-C clip lamp
	X-001.88.107		Mini 3000 clip lamp, Mini 3000 combi lamp
	X-001.88.041		Mini Fibrilux*, Mini 2000 combi lamp, Mini 2000 clip lamp
	X-001.88.106		Mini 3000 Ophthalmoscope
	X-001.88.042		Alpha Ophthalmoscope, Mini 2000 Ophthalmoscope, Alpha Focalux, Mini Miroflex*, Mini 3000 Focalux, Mini 2000 Focalux
	X-001.88.042	X-002.88.101	Alpha+ Ophthalmoscope, Alpha+ Focalux
	X-001.88.043	X-002.88.102	Alpha+ Ophthalmic Examination Light, Alpha Ophthalmic Examination Light - 2.5V
	X-001.88.056		Minilux* Oscope, Mini 2000 Oscope
	X-001.88.110		Mini 3000 Oscope
	X-001.88.057	X-002.88.063	Straight Laryngeal mirror, Laryngeal mirror mini 3000

Heine

	2.5V	3.5V	Instrument
	X-001.88.058	X-002.88.048	HSR 2 Retinoscope
	X-001.88.059		Conventional Laryngoscope blades
	X-001.88.069	X-002.88.070	BETA 200 S, BETA 200 M2, BETA 200 Ophthalmoscope
	X-001.88.077	X-002.88.078	BETA 200, BETA 200 VET and K180 Otosopes, Finoff, LAMBDA 100 Retinometer, Diascleral Transilluminator, Multi-purpose Illuminator, Slit Illumination Head
		X-002.88.078	Illumination adapter for F.O. instruments
	X-00.88.082		DERMAPHOT 2.2V vacuum bulb
	X-001.88.084	X-002.88.086	K180 Ophthalmoscope
	X-001.88.087	X-002.88.089	BETA 200 Streak Retinoscope, Alpha+ Streak Retinoscope
	X-001.88.088	X-002.88.090	BETA 200 Spot Retinoscope, Alpha+ Spot Retinoscope
	X-001.88.094		ClipLight vacuum bulb
	X-001.88.098	X-002.88.099	HSL 100, HSL 150 and Alpha+ HSL 150 hand-held slit lamp
	3.5V	6V	Instrument
	X-002.88.050	X-004.88.081	Indirect hand-held Ophthalmoscope
		X-004.88.060	Lamp handle
		X-004.88.068	OMEGA 100*, 150*, 180, 200, SL350 headlight
		X-004.88.076	SIGMA 100* indirect Ophthalmoscope
		X-004.88.080	UBL 100* Illuminated head for binocular loupes
		X-004.88.093	SIGMA 150 indirect Ophthalmoscope, SIGMA 150 M2, SIGMA K Headworn indirect Ophthalmoscope
		X-004.88.111	OMEGA 500 XHL xenon halogen spare bulb 6V, 5W, standard equipment (not shown)
		X-004.88.104	OMEGA 500 XHL xenon halogen spare bulb 6V, 10W, optional for twice the brightness

Welch Allyn

	Code	Volts & Watts	Description
	02600-U	6V	Lamp for 49003 Headlight
	03000-U	3.5V	Lamp for 11710, 12400, 47300, 11600, 11605, 11610, 18000 Ophthalmoscope
	03100-U	3.5V	Lamp with screw end for 20000/25020/21700/20200 Otoscope
	03300-U	2.5V	Lamp for 11511, 11500 Ophthalmoscope
	03400-U	2.5V	Lamp for 21110, 24031, 73550, 27200, 27250, 24011, 24020, 24000 Otoscope
	03700-U	3.5V	Lamp for 18100 Retinoscope
	03800-U	3.5V	Halogen HPX bulb for PanOptic, 11820 Ophthalmoscope
	03900-U	2.5V	Lamp for 12810, 11110 Ophthalmoscope
	04200-U	12V 35W	Lamp for 48624, 48324, 48724, 48764, 48784, 48744 Exam Light
	04400-U	2.5V	Lamp for 11470, 11475, 11400, 11411 Ophthalmoscope
	04700-U	2.5V	Lamp for 634, 664, 674, 680, 684, 690, 692 and 694 series sizes 1-2 Laryngoscope
	04900-U	3.5V	Lamp for 11720, 11730, 11620, 11630, 767 series Ophthalmoscope
	06000-U	2.5V	Lamp for 60813, 60814, 60715, 60815, 60803, 60804 Laryngoscope
	06100-U	14.5V	Lamp for 48434, 48435 Exam Light
	06500-U	3.5V	Lamp for MacroView 23810, 23820 Otoscope
	07800-U	6V	Lamp for 78000, 73210, 73200 Sigmoidoscope
	08200-U	3.5V	Lamp for 18200 Retinoscope
	08300-U	3.5V	Lamp for 18200 Retinoscope
	08500-U	3.6V	Replacement halogen bulb for Lumiview
	09500-U	60V 24W	Solarc MFI replacement lamp Headlight
	M21E00S-001	21W	Solarc lamp
	09800-U	21W	Solarc lamp for Video Colposcope
	M21E001	12V 21W	Storz Light source

Keeler

	Code	Volts & Watts	Description
	1011-P-7034	3.6V	Keeler 3.6V Lamps for Specialist or Vista Ophthalmoscope
	1011-P-7042	2.8V	Keeler 2.8V Lamps for Specialist or Vista Ophthalmoscope
	1011-P-7050	2.8V	Keeler 2.8V Lamps for Pocket Ophthalmoscope
	1011-P-7106	2.8V	Keeler 2.8V Lamps for Standard/Professional/Practitioner Ophthalmoscope
	1011-P-7114	3.6V	Keeler 3.6V Lamps for Standard/Professional/Practitioner Ophthalmoscope
	1011-P-7202	2.8V	Keeler 2.8V Lamps for Jazz Ophthalmoscope
	1012-P-7004	3.6V	Keeler 3.6V Lamps for Wide Angle Twin Mag
	1013-P-7009	3.6V	Keeler 3.6V Lamps for Professional/Vista SR or AM Streak Retinoscope, 20mm length
	1015-P-7023	3.6V	Keeler 3.6V Lamps for Standard/Pocket/ Deluxe Vetscope Otoscope & Tongue Depressor
	1015-P-7031	2.8V	Keeler 2.8V Lamps for Standard/Pocket/ Deluxe Vetscope Otoscope & Tongue Depressor
	1015-P-7058	3.6V	Keeler 3.6V Lamps for Practitioner/Vista/Fibre Optic Otoscope & Finhoff Transilluminator
	1015-P-7066	2.8V	Keeler 2.8V Lamps for Practitioner/Vista/Fibre Optic Otoscope & Finhoff Transilluminator