LAITE®

Light for a bright future

Special Lamp

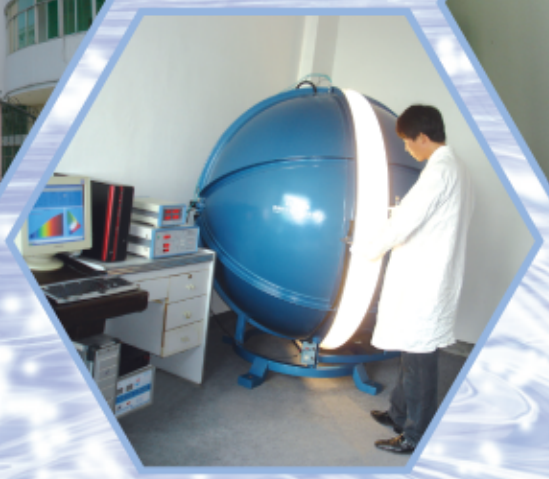
Nanchang Light Technology Exploitation Co.,Ltd

Company profile

Nanchang Light Technology Exploitation Co., Ltd. is a specialized company which integrates the exploitation,production and sales of special bulbs.

Our major products are involved in medical and industry, such as medical lamps, industrial lamps, examination lights,operation lights spare parts, etc. they have been applied to medical spare parts, teaching equipment, and technical, industry and other fields.

LAITE®



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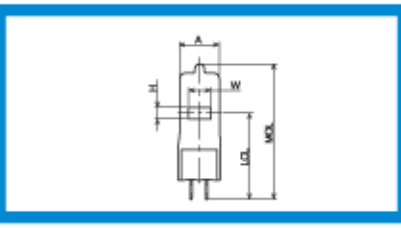
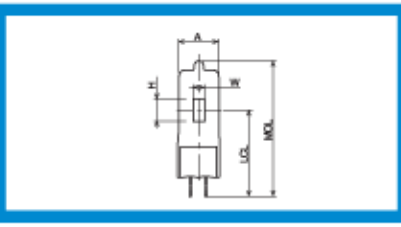
Light Technology

Base:G6.35
Low voltage single ended



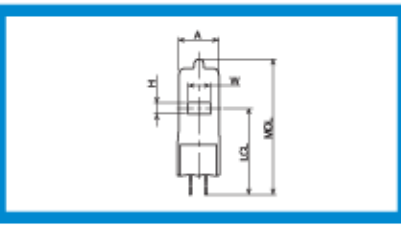
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03014	12	50	G6.35	50	Microprojector	BRL Osram64610 HLX
LT03020	24	150	G6.35	50	Microscope,O.T Light	Osram 64640HLX
LT03027	12	100	G6.35	50	Microprojector	Osram 64625HLX,FCR
LT03029	22.8	150	G6.35	50	O.T Light	Guerra 6419/2A
LT03030	22.8	150	G6.35	300	O.T Light	Guerra 6419/2A
LT03147	22.8	250	G6.35	300	Microprojector	JC 2-pins
LT03032	24	150	G6.35	300	Microscope,O.T Light	Osram 64642HLX,FDV
LT03035	24	250	G6.35	50	Microscope,Projector	Osram 64655 HLX
LT03042	36	400	G6.35	300	Projector	Osram 64663HLX,Philips7787XHP
LT03069	17	95	G6.35	1000	Dental Unit	Philips 14623
LT03077	12	30	G6.35	50	Microscope,Projector	Osram 64261,Guerra 6520/3
LT03093	24	120	G6.35	100	Microscope,Dental Unit	JC 2-pins
LT03094	24	55	G6.35	1000	O.T Light	Martin O.T- Lights
LT03112	12	35	G6.35	1000	O.T Light	Berchtold CZ 940-12
LT03125	6	15	G6.35	100	Microscope, Instrument	JC 6V/15W
LT03126	6	30	G6.35	100	Microscope, Instrument	JC 6V/30W
LT03127	24	250	G6.35	300	O.T light, Projector	Osram 64657
LT03128	24	275	G6.35	75	Projector	Philips 13700 FCD Osram HLX64656
LT03129	24	300	G6.35	50	Projector	Ushio KLS JC24V-300W LL

Base:G6.35/GY6.35
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03021	12	50	GY6.35	50	Microscope,Dental Unit	Osram 64604 Philips 13512
LT03022	12	75	GY6.35	1000	Microscope,Dental Unit	Guerra 6419/AX8
LT03040	12	150	GY6.35	100	Microscope,Dental Unit	JC 2-pins
LT03033	15	150	G6.35	50	Microscope,O.T Light	Osram 64633 HLX
LT03036	14	35	G6.35	50	Endoscope,Microscope	JC 2-pins
LT03099	22.8	150	G6.35	300	Microscope,O.T Light	Martin O.T- Lights Vertical Filament

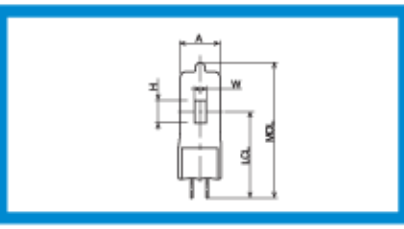
Base:G6.35
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03034	24	150	G6.35	300	O.T Light	Osram 64642HLX Blue Coating

Base:G6.35/GY6.35

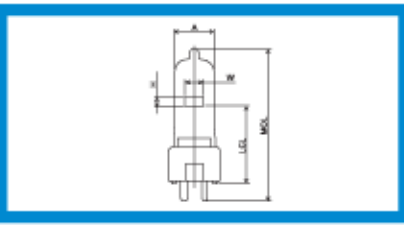
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03015	22.8	40	G6.35	1000	O.T Light	Guerra 6419/AX1
LT03016	22.8	50	G6.35	1000	O.T Light	Guerra 6419/AX2
LT03038	22.8	77	G6.35	1000	Microscope,O.T Light	Dr. Mach 67100207
LT03026	24	75	GY6.35	1000	Microscope,O.T Light	Osram 64455,Guerra 6419/AX4
LT03044	24	35	GY6.35	1000	Microscope,O.T Light	Guerra 6419/AX3
LT03131	12	30	G6.35	100	Microscope,Instrument	JC12V/30W
LT03132	12	100	G6.35	1000	O.T light, Microscope,Projector	JC12V/100W
LT03133	24	100	G6.35	1000	O.T light, Microscope,Projector	JC24V/100W
LT03134	24	40	G6.35	1000	O.T light, Microscope,Projector	JC24V/40W
LT03135	24	50	G6.35	1000	O.T light, Microscope,Projector	JC24V/50W
LT03136	110	150	G6.35	50	Projector,Instrument	JC2-Pins
LT03137	100	150	G6.35	50	Projector,Instrument	JC2-Pins

Base:GY9.5

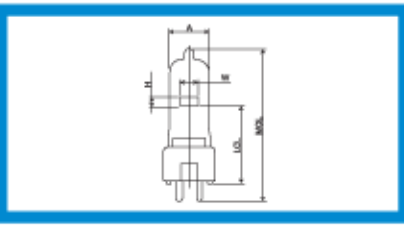
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03048	33	235	GY9.5	50	O.T Light	Amsco P129249-001 Blue Coating

Base:GY9.5

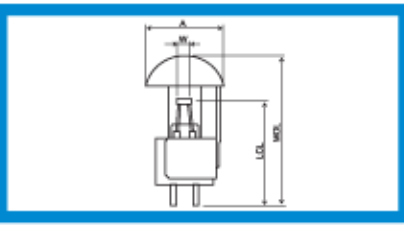
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03047	33	235	GY9.5	50	O.T Light	Amsco P129249-001 in clear
LT03073	22	220	GY9.5	100	O.T Light	Amsco P129362-228 in clear
LT03118	20	180	GY9.5	100	O.T Light	Amsco P-093926-047

Base:G8

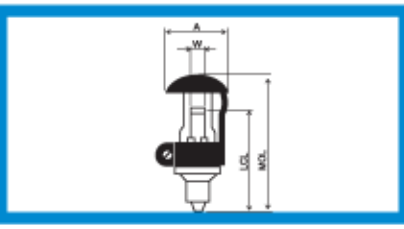
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03051	24	50	G8	1000	O.T Light	Guerra 6704/2 Million
LT03052	24	40	G8	1000	O.T Light	Guerra 6704/1 Million

Base:E11/E10

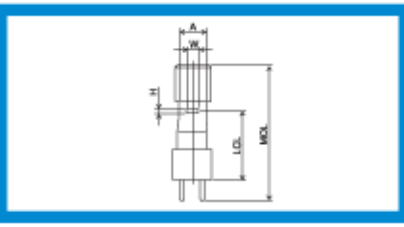
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03049	24	40	E11	1000	O.T Light	SH42,Guerra 6701/2
LT03050	24	50	E11	1000	O.T Light	SH52,Guerra 6701/3
LT03081	24	100	E10	1000	O.T Light	SH100,Guerra 6701/5
LT03085	24	35	E11	1000	O.T Light	SH37,Guerra 6701/1
LT03086	24	60	E11	1000	O.T Light	SH62,Guerra 6701/4

Base:G8

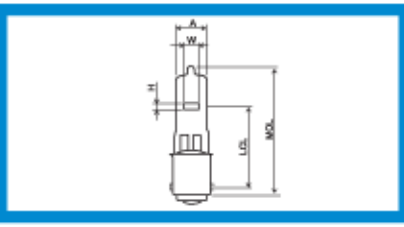
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03053	24	50	G8	500	O.T Light	DKK 24501,Guerra 6702/1
LT03054	24	100	G8	500	O.T Light	Higuchi DKK-24-100
LT03088	24	75	G8	500	O.T Light	B4-010-29,DKK H2475

Base:BA15D

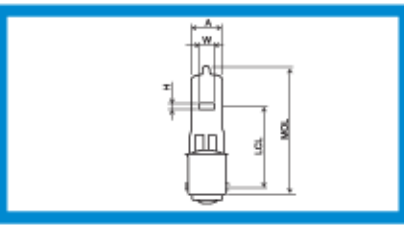
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03080	24	100	BA15D	300	O.T Light	Guerra 5429/28
LT03082	24	40	BA15D	1000	O.T Light	Guerra 5429/0
LT03083	24	50	BA15D	1000	O.T Light	Guerra 5429/1
LT03084	24	150	BA15D	300	O.T Light	Guerra 5429/2
LT03120	24	60	BA15D	500	O.T Light	JCD24-60DC

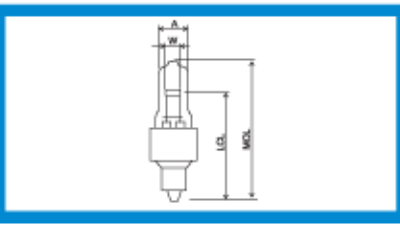
Base:BA15D

Low voltage single ended



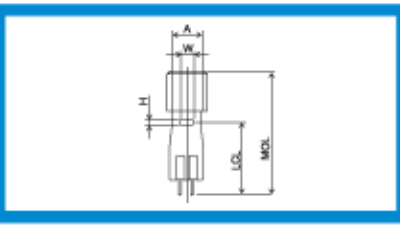
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03055	24	50	BA15D	1000	O.T Light	Guerra 5429/F50
LT03070	24	40	BA15D	1000	O.T Light	Guerra 5429/F40

Base:E11
Low voltage single ended



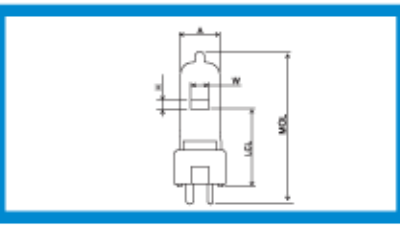
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03056	24	50	E11	1000	O.T Light	Guerra 6801/1
LT03057	24	40	E11	1000	O.T Light	Guerra 6801/0
LT03076	24	60	E11	1000	O.T Light	Guerra 6801/2
LT03074	24	100	E11	300	O.T Light	Guerra 6801/4
LT03148	24	150	E11	300	Instrument	JC 24V150W

Base:G6.35
Low voltage single ended



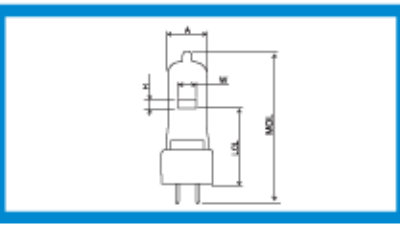
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03079	24	55	G6.35	1000	O.T Light	Guerra 6702/2

Base:GY9.5/GZ9.5
Low voltage single ended



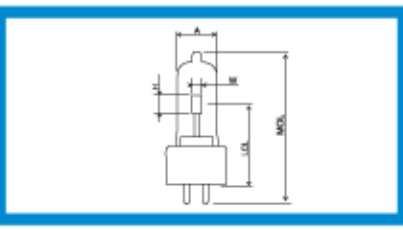
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03058	24	150	GY9.5	100	Dental Unit,O.T Light	Osram64643,Guerra 5722/1
LT03061	6.8	45	GY9.5	50	O.T Light	JC&GY9.5 Base
LT03071	17	95	GY9.5	1000	Dental Unit	JC&GY9.5 Base
LT03072	12	100	GY9.5	50	Dental Unit,O.T Light	Osram 64628 ,Philips5973
LT03087	24	50	GY9.5	1000	Dental Unit	Faro S2k
LT03063	20	180	GW9.5	300	Dental Unit,O.T Light	Steris-093926-047
LT01138	10	80	GY9.5	1000	Lab,Microfilm reader	DDJ/DZZ USHIO 1000171
LT03121	24	250	GY9.5	300	Dental Unit,O.T Light	Osram 64654
LT03139	32	200	GY9.5	200	Projector,Instrument	1945USA
LT03143	6.6	200	GZ9.5	300	Aircraft	EZL Osram58750;philips 6372

Base:G6.35
Low voltage single ended



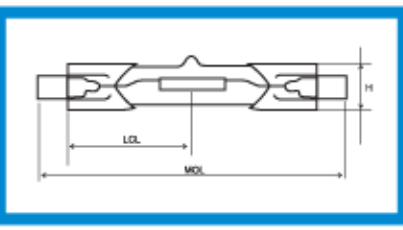
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03059	24	50	G6.35	1000	O.T Light	G6.35-Special Base

Base:G6.35
Low voltage single ended



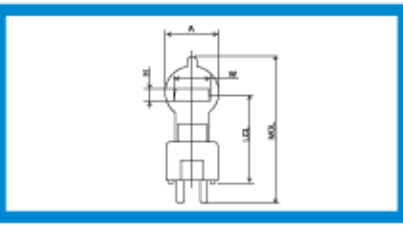
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03075	24	50	G6.35	1000	O.T Light	SLD-0805 Operating Light

Base:R7S
Low voltage double ended



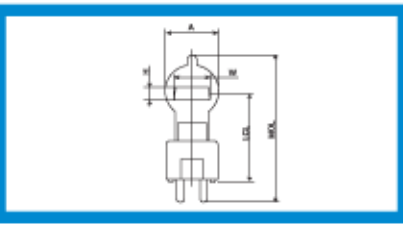
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03062	25	150	R7S	2000	Dental Unit	Ushio 1001106 JPD
LT03140	22.8	75	R7S	1000	Hanaulux O.T Light	HANAULUX 56018366

Base:GY9.5
Mains voltage single ended



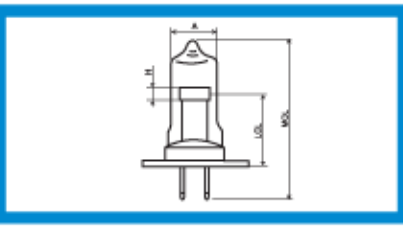
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03064	240	650	GY9.5	50	Projector	Osram Sylvania 54839 DYR

Base:GY9.5
Mains voltage single ended



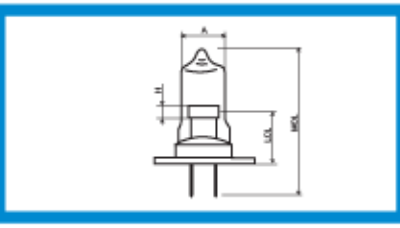
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03065	120	600	GY9.5	75	Projector	Ushio 1000246

Base:Special
Low voltage single ended



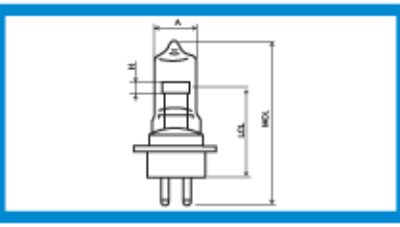
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03068	12	50	Special	100	Topcon Slit Lamp	Topcon ACP-8

Base:Special
Low voltage single ended



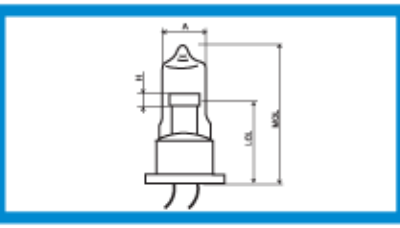
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03066	6	20	Special	100	Topcon Slit Lamp	Guerra 7507/H
LT03067	12	30	Special	100	Topcon Slit Lamp	Topcon Slit Lamp

Base:PG22
Low voltage single ended



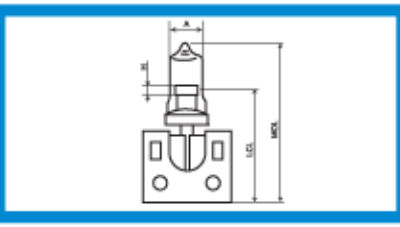
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03089	6	20	PG22	100	Microscope, Slit Lamp	Osram 64251
LT03090	12	30	PG22	100	Microscope, Slit Lamp	Osram 64260
LT03091	12	50	PG22	100	Microscope, Slit Lamp	Osram 64609
LT03092	12	100	PG22	100	Microscope, Slit Lamp	Osram 64626
LT03119	6	10	PG22	100	Microscope, Slit Lamp	Osram 64222

Base:Special
Low voltage single ended



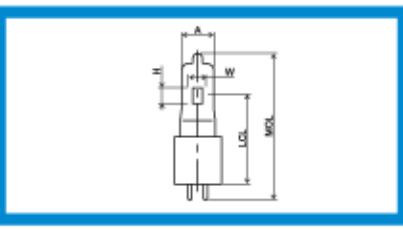
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03096	24	150	Special	500	Dental Unit	KAVO Dental Unit
LT03097	17	95	Special	500	Dental Unit	KAVO Dental Unit

Base:Special
Low voltage single ended



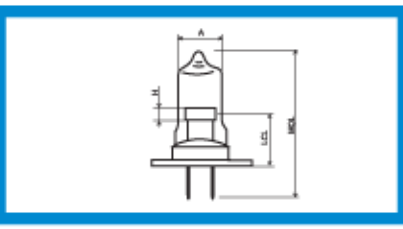
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03098	6	20	Special	100	Biochemical Analyzer	Corning 560

Base:G5.3
Mains voltage single ended



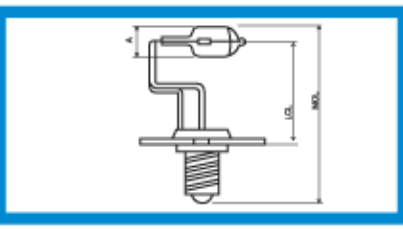
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03095	82	360	G5.3	100	Projector Lamp	EYB

Base:Special
Low voltage single ended



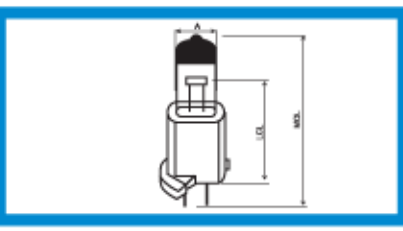
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03102	12	50	Special	100	Topcon Slit Bulb	Topcon Slit Bulb

Base:P44S
Low voltage single ended

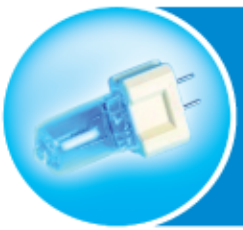


Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03104	12	50	P44S	50	Microscope,Slit Lamp	Guerra 2158/H

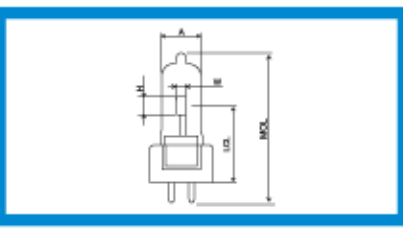
Base:Special
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03031	21.5	130	Special	300	O.T Light	Hanaulux Blue 80 56053026

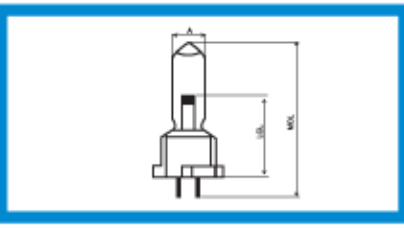


Base:Special
Low voltage single ended



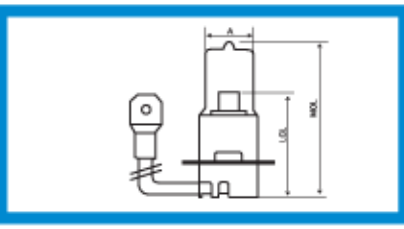
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03103	22.8	113	Special	300	O.T Light	Hanaulux #56053296 Blue 100

Base:Special
Low voltage single ended



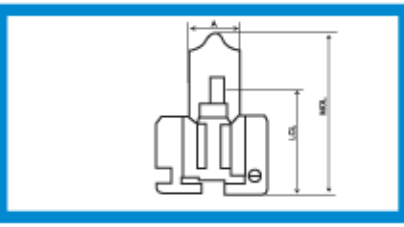
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03060	22.8	90	Special	300	O.T Light	Hanaulux #H053198 Blue 130/90
LT03046	22.8	110	Special	300	O.T Light	Hanaulux O.T Light Bulb

Base:PK22S
Low voltage single ended



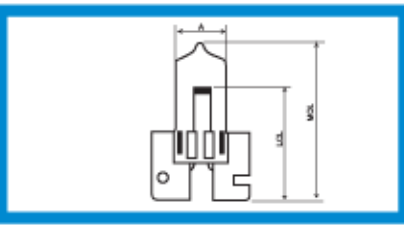
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03100/H3	12	55	PK22S	2000	Dental Unit	Osram 64151
LT03101	24	70	PK22S	2000	Dental Unit	Osram 64156

Base:X-511
Low voltage single ended



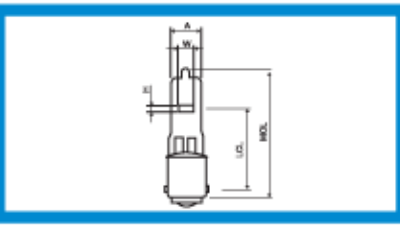
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03105	24	70	X-511	1000	O.T Light	Guerra 6221/0
LT03106	24	80	X-511	1000	O.T Light	Guerra 6221/1
LT03107	24	100	X-511	1000	O.T Light	Guerra 6221/3

Base:X-514/514SP
Low voltage single ended



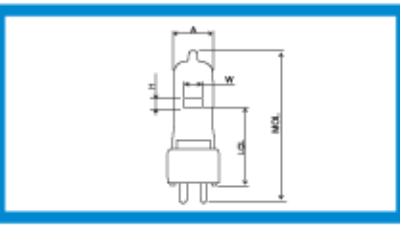
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03108	24	120	X-514	1000	O.T Light	ALM ECA-002/H6950
LT03109	23	100	X-514SP	1000	O.T Light	ECL-0001
LT03110	24	100	X-514	1000	O.T Light	H6951
LT03111	24	140	X-514	1000	O.T Light	H6990

Base:BA15D
Low voltage single ended



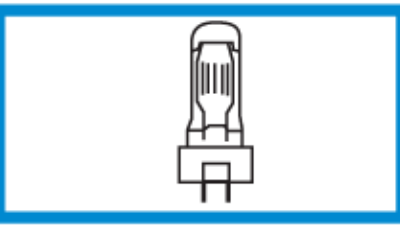
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03142	24	35	BA15D	1000	O.T Light	Higuchi Q35CL/DC-24V

Base:G6.35
Low voltage single ended



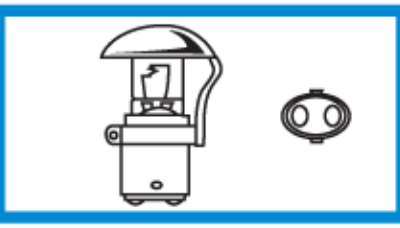
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03141	22.7	180	G6.35	300	NOVO O.T Light	BSS 1089

Base:GY9.5
Low voltage single ended



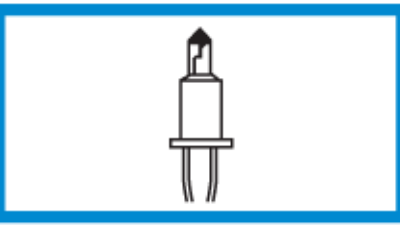
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03146	120	1000	GY9.5	250	Airport runway light, Studio,Stage	Philips-69951/BP

Base:BA15D
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03144	24	40	BA15D	600	O.T light	0574-3H GUERRA AXIAL

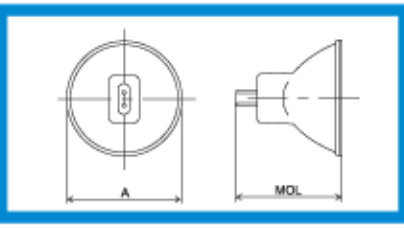
Base:Special
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT03145	24	50	SP	600	Hanaulux O.T Light	HANAULUX BLUE 30

Base:GZ4/GZ6.35 GY5.3

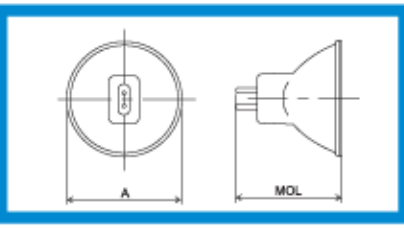
Low voltage with Faceted Reflector



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05010	6	10	GZ4	100	Microscope ,Projector	Hikari 00188
LT05011	6	20	GZ4	100	Microscope ,Projector	Philips JCR/M-6-20/F
LT05012	6	15	GZ4	100	Microscope ,Projector	MR11 Faceted Reflector
LT05017	12	10	GZ4	100	Projector	Hikari 00197 JCR-8297
LT05018	12	15	GZ4	100	Projector	Hikari JCR-8299P 00201
LT05019	12	20	GZ4	100	Projector	Osram 44890 WFL
LT05024	12	50	GZ4	50	Microscope,Endoscope	MR11 Faceted Reflector
LT05029	12	75	GZ4	25	Gastroscope, Light Source	MR11 Faceted Reflector
LT05033	12	100	GZ4	50	Gastroscope, Light Source	MR11 Faceted Reflector
LT05028	12	75	GZ6.35	50	Gastroscope, Light Source	MR16 Faceted Reflector
LT05034	12	100	GZ6.35	50	Gastroscope, Light Source	MR16 Faceted Reflector
LT05023	12	50	GZ6.35	50	Microscope,Endoscope	MR16 Faceted Reflector
LT05104	6	9	GZ4	250	Leica Microscope	Philips 13529
LT05105	13.8	25	GZ4	500	Microfilm Reader	GE FLT
LT05100	120	150	GY5.3	12	Dental,Projector	GE 43756 ESD
LT05124	82	360	GY5.3	75	Projector	ENX 82V360W GY5.3
LT05125	120	300	GY5.3	35	Projector	ELH 120V300W GY5.3 MR16
LT05126	82	410	GY5.3	38	Projector	FXL 82V410W GY5.3 MR16
LT05096	82	250	GX5.3	50	Projector	EVW 82v250w

Base:GX5.3

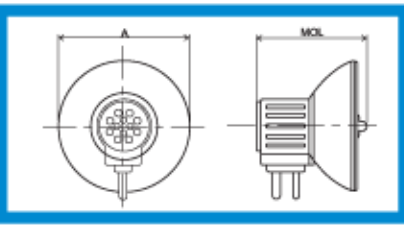
Mains voltage with MR13 Faceted Reflector



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05097	82	300	GX5.3	35	Projector	EXR 82v300w
LT05123	82	300	GX5.3	70	Projector	FHS 82V300W GX5.3

Base:GX7.9/G7.9

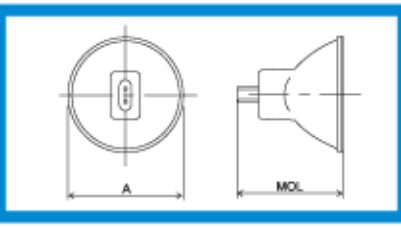
Low/Mains voltage with Smooth Reflector



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05076	21	150	GX7.9	25	Microscope,Projector	DNF Osram 93631,Guerra 5330/1
LT05077	120	150	G7.9	12	Microscope,Projector	DNE Guerra 5330/2

Base:GZ4/GY5.3

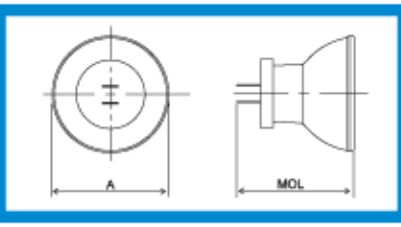
Low voltage with Smooth Reflector



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05013	8	20	GZ4	50	Microscope ,Dental	Osram 64255,Guerra 5331/1
LT05014	8	50	GZ4	25	Microscope ,Dental	Osram 64605
LT05015	10	52	GZ4	50	Dental	Philips 13298
LT05022	12	50	GZ4	50	Microscope ,Dental	MR11 with Smooth Reflector
LT05026	12	75	GZ4	25	Dental	Philips 14552
LT05031	12	100	GZ4	50	Microscope ,Dental	MR11 with Smooth Reflector
LT05036	14	35	GZ4	25	Dental	Philips 13165
LT05078	13	100	GZ4	50	Dental	MR11 with Smooth Reflector
LT05081	120	250	GY5.3	50	Microscope ,Dental	Dentsply Model Triad 1000 & 2000

Base:G5.3-4.8

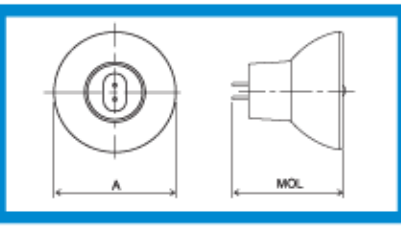
Low voltage with MR11 Smooth Reflector



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05027	12	75	G5.3-4.8	25	Dental	Osram 64617,Philips 13865
LT05032	12	100	G5.3-4.8	25	Dental	Osram 64624,Philips 12037
LT05083	12	80	G5.3-4.8	50	Dental	JCR/M 12v80w

Base:GZ6.35

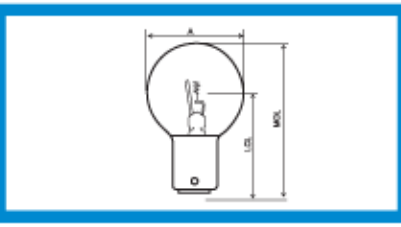
Low voltage with MR16 Smooth Reflector



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05042	15	150	GZ6.35	100	Spectrum Therapeutic Device	MR16 Aluminum Bowl
LT05043	24	250	GZ6.35	50	Spectrum Therapeutic Device	MR16 Aluminum Bowl
LT05091	24	150	GZ6.35	50	Spectrum Therapeutic Device	MR16 Aluminum Bowl

Base:BA20D

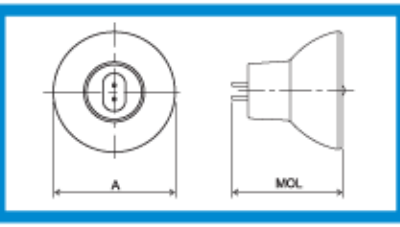
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05127	24	50	BA20D	700	MARTIN O.T LIGHT	GUERRA 0970/7

Base: GZ6.35/GX5.3

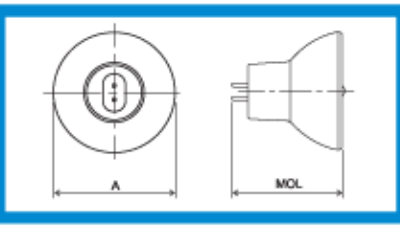
Low voltage with MR16 Smooth Reflector



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05021	12	50	GZ6.35	50	Microscope ,Dental	FUJI EYE MR16
LT05025	12	75	GZ6.35	50	Microscope	Osram 64615 HLX,Philips 6853
LT05030	12	100	GZ6.35	50	Microscope	Osram 64627HLX EFP
LT05037	15	150	GZ6.35	50	Microscope ,Dental	Osram 64634(EFR)
LT05040	24	150	GZ6.35	50	Microscope ,Dental	MR16 with Smooth Reflector
LT05085	8	50	GZ6.35	50	Microscope,Dental	Osram 64607 EFM
LT05047	22.8	40	GZ6.35	300	O.T Light,Projector	MR16 with Smooth Reflector
LT05048	22.8	50	GZ6.35	300	O.T Light,Projector	Admeco O.T-Light Osram 64650
LT05107	24	50	GZ6.35	1000	O.T Light	MR11 with Smooth Reflector
LT05108	100	150	GZ6.35	50	Projector,Instrument	KLS 100V150W
LT05120	24	40	GZ6.35	300	O.T Light	JCR 24V40W MR16
LT05121	24	50	GZ6.35	300	O.T Light	JCR 24V50W MR16
LT05035	13.8	50	GX5.3	50	Microscope ,Dental	Osram 64608,Philips 13189
LT05038	20	150	GX5.3	500	Microscope ,Dental	Osram 54660
LT05039	21	150	GX5.3	200	Microscope ,Dental	Osram 93638(EKE)
LT05041	24	250	GX5.3	50	Microscope ,Dental	Osram 64653HLX,Philips 13163
LT05082	24	200	GX5.3	50	Microscope ,Dental	Ushio 1000300,EJL
LT05084	30	50	GX5.3	25	Projector	ENZ
LT05016	10.8	30	GX5.3	50	Microscope ,Dental	Ushio EKZ 1000315
LT05047/A	22.8	40	GX5.3	300	O.T Light,Projector	MR16 with Smooth Reflector
LT05048/A	22.8	50	GX5.3	300	O.T Light,Projector	Philips XHP 13938
LT05101	13.8	30	GX5.3	50	Projector	Philips 13155
LT05110	13.8	85	GX5.3	1000	Projector	OSRAM64618, DED,Philips13194
LT05109	14.5	90	GX5.3	500	Projector	OSRAM 64619,EPX,Philips13186
LT05111	19	80	GX5.3	50	Microscope,Microfilm Reader	DDM
LT05106	19.7	200	GX5.3	500	Projector	H111
LT05112	21.5	130	GX5.3		Cold Light Source,Microscope	MR11 with Smooth Reflector
LT05122	6.6	6	GX5.3	1500	Aircraft	EXT Philips 6142

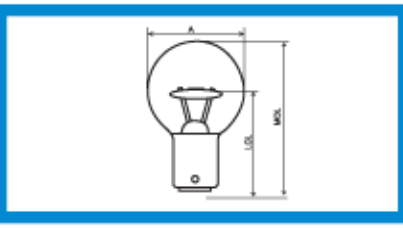
Base: GZ6.35/GX5.3

Low voltage with MR16 Smooth Reflector



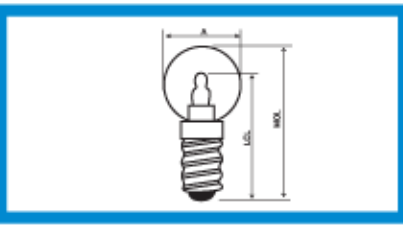
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05044	12	35	GZ6.35	50	Spectrum Therapeutic Device	MR16 with Gold Reflector
LT05045	15	150	GZ6.35	50	Spectrum Therapeutic Device	Osram 64635HLX Gold
LT05092	24	150	GZ6.35	50	Spectrum Therapeutic Device	MR16 with Gold Reflector
LT05114	12	100	GZ6.35	50	Spectrum Therapeutic Device	MR16 with Gold Reflector
LT05046	24	250	GX5.3	50	Spectrum Therapeutic Device	MR16 with Gold Reflector
LT05113	21	150	GX5.3	50	Spectrum Therapeutic Device	MR16 with Gold Reflector

Base:P28S
Low voltage single ended

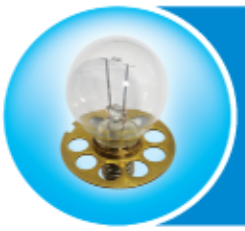


Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05128	10	70	P28S	100	Instrument	N-71818

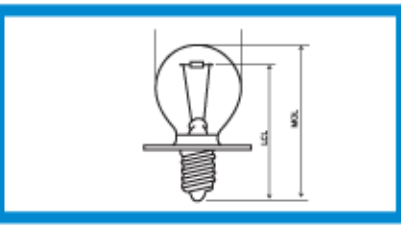
Base:E10
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05020	8	10	E10	500	Microscope,Projector	Guerra 7114/5

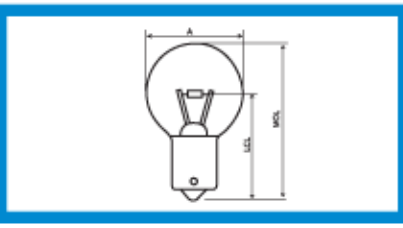


Base:P44S
Low voltage single ended



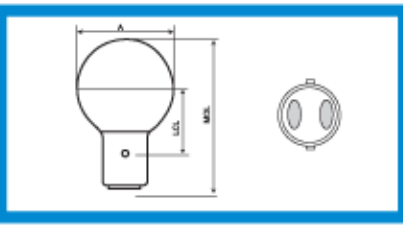
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05056	6	27	P44S	100	Ophthalmatic Slit Lamp	Guerra 2518/3,HS900/930

Base:BA9S
Low voltage single ended



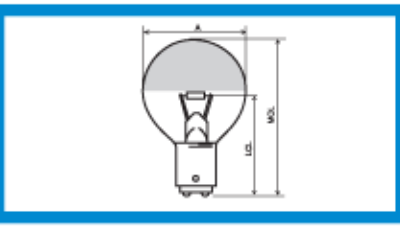
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05080	8	15	BA9S	50	Microscope,Projector	EL-38

Base:BX22D
Low voltage single ended



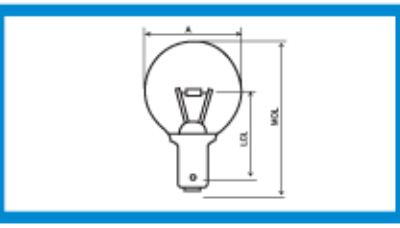
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05098	24	50	BX22D	700	O.T Light	Guerra 0079/1
LT05129	220	50	BX22D	700	O.T Light	Guerra 0079/3

Base:BA15D
Low voltage single ended



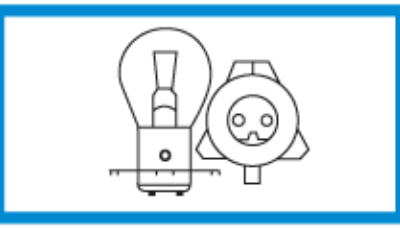
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05049	12	25	BA15D	400	O.T Light	Dr.Fischer H016191,Guerra 0376/7
LT05050	12	35	BA15D	400	O.T Light	Guerra 0376/9,R.16192
LT05051	24	25	BA15D	500	O.T Light	H016164 Hanaulux,Guerra 0376/1
LT05052	24	30	BA15D	600	O.T Light	Guerra 0376/2,A.6004
LT05053	24	40	BA15D	600	O.T Light	H016372 Hanaulux,Guerra 0376/4
LT05054	24	50	BA15D	600	O.T Light	Guerra 0376/6
LT05086	110	30	BA15D	400	Hanaulux O.T Light	Hamburg 16170
LT05087	125	30	BA15D	400	Hanaulux O.T Light	Hamburg 16238
LT05088	32	40	BA15D	400	Hanaulux O.T Light	Hamburg 16579
LT05089	50	30	BA15D	400	Hanaulux O.T Light	Hamburg 18505
LT05090	125	30	BA15D	400	Hanaulux O.T Light	Hanaulux/Heraeus 56016238
LT05093	12	20	BA15D	1000	O.T Light	Dr.Mach 1820/91 Lamp
LT05115	12	30	BA15D	400	O.T Light	DC Bowl Silver
LT05116	24	35	BA15D	600	O.T Light	Guerra 0376/2

Base:BA15D
Low voltage single ended



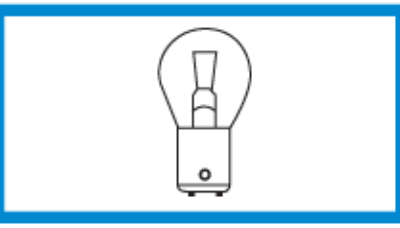
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05099	24	40	BA15D	600	O.T Light	Guerra0178/3F

Base:P47D
Low voltage single ended



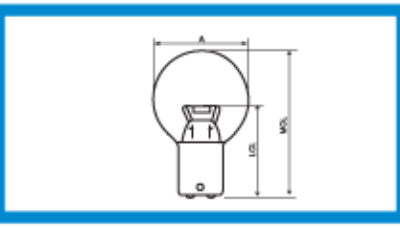
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05102	6	30	P47D	80	Microscope	ZEISS WOTAN-390158

Base:BA15D
Low voltage single ended



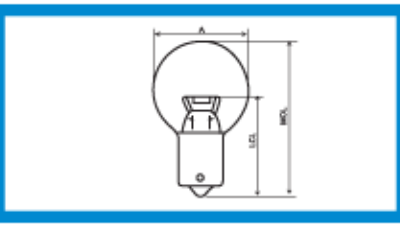
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05103	220	20	BA15D	100	Microscope	Incandescent lamp
LT05117	110	20	BA15D	100	Microscope	Incandescent lamp

Base:BA15D
Low voltage single ended



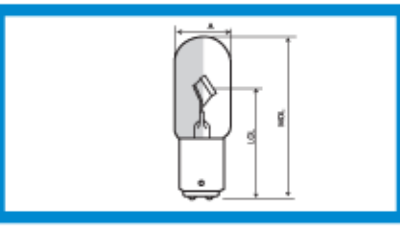
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05062	6	15	BA15D	100	Microscope Lamp,Projector	Guerra 3893/1
LT05063	6	18	BA15D	100	Microscope Lamp,Projector	Guerra 3893/2
LT05064	9	18	BA15D	100	Microscope Lamp,Projector	Guerra 3893/3
LT05065	9	20	BA15D	100	Microscope Lamp,Projector	Guerra 3893/4
LT05094	6	10	BA15D	100	Microscope Lamp,Projector	OP2801

Base:BA15S
Low voltage single ended



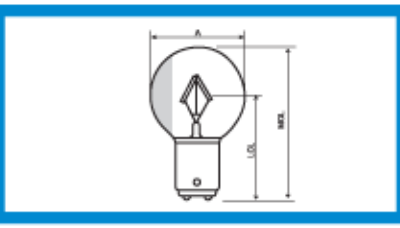
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05066	6	15	BA15S	100	Microscope Lamp,Projector	Guerra 3894/2
LT05067	9	18	BA15S	100	Microscope Lamp,Projector	Guerra 3894/1

Base:BA15D
Low voltage single ended



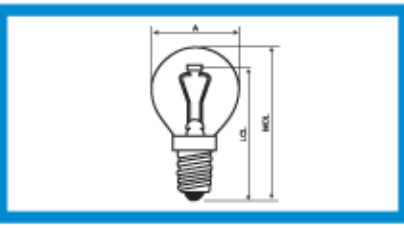
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05068	120	20	BA15D	200	Microscope Lamp	Guerra 4638
LT05069	120	30	BA15D	200	Microscope Lamp	Guerra 4639
LT05070	220	20	BA15D	200	Microscope Lamp	Guerra 4637/SP
LT05071	220	30	BA15D	200	Microscope Lamp	Guerra 4637/SP

Base:BA15D
Low voltage single ended



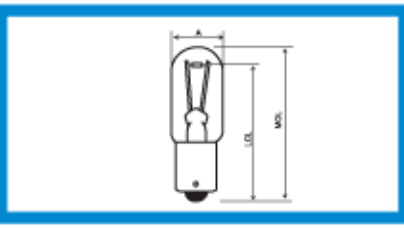
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05072	120	20	BA15D	300	Microscope Lamp	Guerra 4843
LT05073	120	30	BA15D	200	Microscope Lamp	Guerra 4842
LT05074	220	20	BA15D	300	Microscope Lamp	Guerra 4841/NK
LT05075	220	30	BA15D	200	Microscope Lamp	Guerra 4840/NK

Base:E14
Low voltage single ended



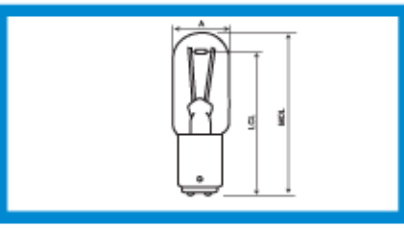
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05055	6	27	E14	100	Ophthalmatic Slit Lamp	Guerra 1861/1
LT05057	6	50	E14	120	Ophthalmatic Slit Lamp	Guerra 1861/3

Base:MB16
Low voltage single ended



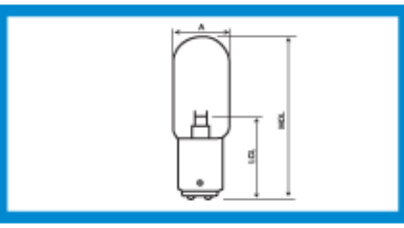
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05058	6	15	MB16	100	Microscope Lamp	Guerra 3350/1
LT05059	6	30	MB16	100	Microscope Lamp	Microscope Bulb

Base:BA15D
Low voltage single ended



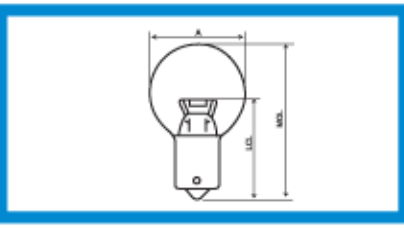
Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05060	6	15	BA15D	100	Microscope Lamp	Guerra 3430/1
LT05061	6	30	BA15D	100	Microscope Lamp	Guerra 3430/2

Base:BA15S
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05095	12	6	BA15S	100	Microscope,Ophthalmic	Philips 399N

Base:BA9S
Low voltage single ended



Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference
LT05079	8	12	BA9S	50	Microscope,Projector	EL-2B

Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference	Pic
LT-X250A-D	14-21	250	13mm	500	Microfilm,Stage light, Search light,Projection, Cold light source	Single End	No.33
LT-X250B-D	14-21	250	15mm	500		Single End	
LT-X350A-D	14-21	350	13mm	500		Single End	
LT-X350B-D	14-21	350	15mm	500		Single End	

Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference	Pic
LT-X250A-DP	14-21	250	13mm	500	Microfilm,Stage light, Search light,Projection, Cold light source	Single End	No.34
LT-X250B-DP	14-21	250	15mm	500		Single End	
LT-X350A-DP	14-21	350	13mm	500		Single End	
LT-X350B-DP	14-21	350	15mm	500		Single End	

Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference	Pic
LT-X250A-S	14-21	250	13mm	500	Microfilm,Stage light, Search light,Projection, Cold light source	Double Ends	No.35
LT-X250B-S	14-21	250	15mm	500		Double Ends	
LT-X350A-S	14-21	350	13mm	500		Double Ends	
LT-X350B-S	14-21	350	15mm	500		Double Ends	

Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference	Pic
LT-X250A-SP	14-21	250	13mm	500	Microfilm,Stage light, Search light,Projection, Cold light source	Double Ends	No.36
LT-X250B-SP	14-21	250	15mm	500		Double Ends	
LT-X350A-SP	14-21	350	13mm	500		Double Ends	
LT-X350B-SP	14-21	350	15mm	500		Double Ends	

Order Code	Volts	Watts	Base	LifeTime(hrs)	Main Application	Cross Reference	Pic
LT-G100	14-21	100	9mm&8mm	100	Fluocescent Microscope	Double Ends	No.32
LT-H1000	220	1000	Special	1000	Infrared heating	Double Ends	No.38
LTMA001	12	10	Special	2000	MA4210 Urinalysis	Double Ends	No.37

No.32

No.33

No.34

No.35

No.36

No.37

No.38

10W ADL-2P

10W ADL-4P

70 ADL

80 BDL-4P

85 BDL-2P

92 ADL 365mm UV

92 ADL-2P

SY973-510

92 ADL 4P

92 ADL -N

92 BDL 4P

FCL 9EX

RF92 220VAC HX LAMP

RF100 220V10W

LED RING TUBE 220V 3.8W

220V5W

UV sterilization tube

Therapy Jaundice

DULUX Blue 18W

UVB lamp Q256BY

Order Code	Voltage(v)	Amps(A)	LifeTime(hrs)	Main Application	Cross Reference
LT035	2.5	0.7	20	Fiber Optical Laryngoscope	Heine 035
LT037	2.5	0.82	20	Otoscope	Heine 037
LT056	2.5	0.4	20	Otoscope	Heine 056
LT059	2.5	0.4	20	Optical Laryngoscope	Heine 059
LT068	6	1.7	35	headlight	Heine 068
LT069	2.5	0.69	20	Ophthalmoscope	Heine 069
LT070	3.5	0.69	20	Ophthalmoscope	Heine 070
LT03000	3.5	0.72	20	Otoscope	Welch Allyn 03000
LT03100	3.5	0.72	20	Otoscope	Welch Allyn 03100

LT035/LT037

LT056

LT059

LT068

LT069/070

LT03000

LT03100

Order Code	Voltage(v)	Amps(A)	LifeTime(hrs)	Main Application	Cross Reference
LT03400	2.5	0.64	20	Otoscope	Welch Allyn 03400
LT04400	2.5	0.64	20	Ophthalmoscope	Welch Allyn 04400
LT04700	2.5	0.28	20	Child Laryngoscope	Welch Allyn 04700
LT04800	2.5	0.38	20	Adult Laryngoscope	Welch Allyn 04800
LT04900	3.5	0.72	20	Ophthalmoscope	Welch Allyn 04900
LT06000	2.5	0.66	20	Fiber Optical Laryngoscope	Welch Allyn 06000
LT07800	6	0.71	75	Vaginal Specula Illuminator	Welch Allyn 07800
LT525	2.5	0.7	20	Optical Laryngoscope	MAJ525

LT03400

LT04400

LT04700/04800

LT04900

LT06000

LT07800

LT525

Order Code	Voltage(v)	Amps(A)	LifeTime(hrs)	Main Application	Cross Reference
LT049	3.5	0.72	20	Otoscope	Heine 049
LT10421	2.7		20	Otoscope	Riester 10421
LT00200	2.5	0.35	15	Otoscope	Welch Allyn 00200
LT044	3.5	0.7	20	Otoscope	Heine 044
LT078	3.5	0.77	15	Otoscope	Heine 078
LT086	3.5	0.69	15	Ophthalmoscope	Heine 086
LT10607	3.5	0.72	15	Otoscope	Riester 10607

LT049

LT10421

LT00200

LT044

LT078

LT086

LT10607

Order Code	Voltage(v)	Amps(A)	LifeTime(hrs)	Main Application	Cross Reference
LT10608	3.5	0.69	20	Otoscope & Ophthalmoscope	Riester 10608
LT7058	3.5	0.65	50	Fiber Otoscope	Keeler 7058
LT03700	3.5	0.7	40	Retinoscope	Welch Allyn 03700
LT03800	3.5	0.95	25	Ophthalmoscope	Welch Allyn 03800
LT06200	3.5	0.63	80	Audio microscope	Welch Allyn 06200
LT06500	3.5	0.78	15	Otoscope & Ophthalmoscope	Welch allyn 06500
LT08200	3.5	0.75	50	Otoscope & Ophthalmoscope	Welch Allyn 08200

LT10608

LT7058

LT03700

LT03800

LT06200

LT06500

LT08200

Order Code	Voltage(v)	Amps(A)	LifeTime(hrs)	Main Application	Cross Reference
LT106	2.5	0.64	20	Ophthalmoscope	X–01.88.106
LT110	2.5	0.52	50	Otoscope mini 3000	X–01.88.110
LT00300	3.5	0.81	20	Laryngoscope lamp	Welch Allyn 00300
LT042	2.5	0.66	30	Ophthalmoscope	X–01.88.042
LT08300	3.5	0.7	20	Retinoscope	Welch Allyn 08300
LT03900	2.5	0.66	20	Ophthalmoscope	Welch Allyn 03900
LT08500	3.6	1.1	30	Diagnostic Instrument	Welch Allyn 08500

LT106

LT110

LT00300

LT042

LT08300

LT03900

LT08500

Place of Origin	Voltage(V)	Power(W)	Base	LifeTime(hrs)	Main Application	Cross Reference	Pic
Japan	6	4.5	P44S	100	Opthalmology Slit lamp H900 Type	SPEL	No.1
Italy	6	10	Wire	2000	Saba,Semiautomatic,Full Automatic Biochemical analyzer	JC 6V10W Wire	No.2
Germany	6	20	Special	100	Corning 560 type Biochemical analyzer	Corning 560	No.3
Germany	6	20	Wire	300	Germany Boehringer Mannheim Keysys Fully Automatic Biochemical analyzer	JC 6V20W WIRE	No.4
Japan	6	15	Special	200	OLYMPUS Microscope LS-15 Lamp	Inverted Microscope	No.5
Japan	6	30	Special	200	OLYMPUS Microscope LS-13 Lamp	Inverted Microscope	

No.1

No.2

No.3

No.4

No.5

Place of Origin	Voltage(V)	Power(W)	Base	LifeTime(hrs)	Main Application	Cross Reference	Pic
USA	8.5	62	Wire	50	USA DADE Full Automatic Biochemical analyzer	GE 1962TY	No.6
Japan	12	20	Wire	2000	Olympus AU400,AU600 Biochemical analyzer	PG55134	No.7
Japan	12	20	Wire	2000	Tokyo Medical,Kyoto TMS-1024 Biochemical Analyzer	TMS-1024	No.8
Japan	12	20	Wire	2000	ANALYZER		No.9
Germany	12	20	Wire	2000	Europa/Rebar XL-200/300/600 Biochemical analyzer lamp	XL-200/300/600	No.10

No.6

No.7

No.8

No.9

No.10

Place of Origin	Voltage(V)	Power(W)	Base	LifeTime(hrs)	Main Application	Cross Reference	Pic
Japan	12	20	Wire	2000	Neusoft NSA-400,NSA-270,Erba Opel XL-640 Biochemical analyzer	NSA-400,NSA-270,XL-640	No.11
Japan	12	20	Wire	2000	Sysmex CHEMIX-800 Biochemical analyzer	CHEMIX-800	No.12
USA	12	20	Wire	2000	Rayfo RT240 full Automatic Biochemical Analyzer lamp	RT240	No.13
USA	12	20	Wire	2000	Rayfo RT9900/9100 Biochemical Analyzer lamp	RT9900/9100	No.14
Japan	12	20	Wire	2000	Olympus AU400,AU560,AU680 Biochemical analyzer	AU400,AU560,AU640,AU680	No.15
Japan	12	100	Wire	2000	Olympus AU2700,AU5400 Biochemical analyzer lamp	AU2700,AU5400	

No.11

No.12

No.13

No.14

No.15

Place of Origin	Voltage(V)	Power(W)	Base	LifeTime(hrs)	Main Application	Cross Reference	Pic
Japan	12	20	With Wire	2000	Abbott Biochemical analyzer/Toshiba Biochemical analyzer	Abbott 12V20W	No.16
Japan	12	50	GY9.5/GZ9.5	2000	Mindray BS-200,BS-400, BS-500	L9389	No.17
Germany	12	50	Special	50	TOPCON OMS-610 Slit Lamp	OMS-610 TOPCON 45535-15100	No.18
USA	60	24	Special	750	Endoscope cold light,Electronic colposcope Xenon lamp	09500-U 24 MR11	No.19
USA	60	21	Special	750	Endoscope cold light,Electronic colposcope Xenon lamp	09800-U 21 MR11	
USA	60	18-24	Special	750	Endoscope cold light,Electronic colposcope Xenon lamp	AL1824 18-24 MR11	
Czech	13.8	180	R21-SPECIAL	500	Xenon cold light source,microscope ,endoscopy etc	Osram XBO 180W/45C with wire	No.20
Czech	13	100	R21-SPECIAL	500	Xenon cold light source,microscope ,endoscopy etc	Osram XBO 100W/45C with wire	
Czech	13.8	180	R21-SPECIAL	500	Xenon cold light source,microscope ,endoscopy etc	Osram XBO 180W/45 without wire	No.21
Czech	13	100	R21-SPECIAL	500	Xenon cold light source,microscope ,endoscopy etc	Osram XBO 100W/45 without wire	

No.16

No.17

No.18

No.19

No.20

No.21

Place of Origin	Voltage(V)	Power(W)	Base	LifeTime(hrs)	Main Application	Cross Reference	Pic
USA	60	21	Special	750	Endoscope cold light,Electronic colposcope Xenon lamp	M21E001 21 MR11	No.22
USA	60	24	Special	350	Endoscope cold light,Electronic colposcope Xenon lamp	M24E001 24 MR11	
USA		50	Special	2500	Endoscope cold light,Electronic colposcope Xenon lamp	M50E001 50 MR16	No.23
Singapore	11-14	300	Special	500	Stryker X7000 Xenon cold light	PE300C-10F	No.24
Singapore	11-14	175	Special	500	Fujinon,Olympus,Stryker,Wolf,Storz Endoscope Cold light	PE175BF	No.25
Singapore	11-14	300	Special	500	Fujinon,Olympus,Stryker,Wolf,Storz Endoscope Cold light	PE300BF	
USA	11-14	150	Special	500	Fujinon,EPX 2200 Endoscope headlight cold light CERMAX xenon lamp	PE150AF	No.26

No.22

No.23

No.24

No.25

No.26

Place of Origin	Voltage(V)	Power(W)	Base	LifeTime(hrs)	Main Application	Cross Reference	Pic
USA	11-14	150	Special	500	Luxtec 1900、Mitsubishi LS150X ,Pentax LX500A、Wolf 5120	PE150BF	No.27
USA	11-14	300	Special	500	Cold light 、Endoscope	VAC300-F13-B-MB	No.28
Japan	18	115	G5.3	2000	USA Johnson & Johnson V350 Biochemical analyzer lamp 356666	KLS JM18V115W	No.29
Netherland	230	100	E27	300	Infrared treatment light,Industrial heating,animal feeding,Barthroom Heating,Food Warmers	R95E	No.30
Netherland	220-240	150	E27	5000	Infrared treatment light,Industrial heating,animal feeding,Barthroom Heating,Food Warmers	IR150S R125	
Netherland	230-250	150	E27	5000	Infrared treatment light,Industrial heating,animal feeding,Barthroom Heating,Food Warmers	IR150R R125	
Netherland	230-240	100	E27	5000	Infrared treatment light,Industrial heating,animal feeding,Barthroom Heating,Food Warmers	IR100R PAR38	No.31
Netherland	230-240	100	E27	5000	Infrared treatment light,Industrial heating,animal feeding,Barthroom Heating,Food Warmers	IR100C PAR38	
Netherland	230-240	175	E27	5000	Infrared treatment light,Industrial heating,animal feeding,Barthroom Heating,Food Warmers	IR175R PAR38	
Netherland	230-240	175	E27	5000	Infrared treatment light,Industrial heating,animal feeding,Barthroom Heating,Food Warmers	IR175C PAR38	

No.27

No.28

No.29

No.30

No.31

Order Code: MS01
Base: G6.35,GX5.3

Order Code: MS02
Base: G4

Order Code: MS03
Base: GY9.5,GZ9.5,G9.5

Order Code: MS04
Base: E10/E11

Order Code: MS05
Base: G5.3–4.8

Order Code: MS06
Base: BA15D

Order Code: MS07
Base: BA15D

Order Code: MS08
Base: G6.35,GX5.3 GZ6.35

Order Code: MS09
Base: G6.35,GX5.3

Order Code: MS10
Base: G6.35,GX5.3

Order Code: MS11
Base: G4,GZ4

Order Code: MS12
Base: G6.35,GX5.3

Order Code: MS13
Base: G6.35

Order Code: MS14
Base: G6.35,GZ6.35
G5.3,GZ5.3

Order Code: MS15
Base: G6.35,GZ6.35
G5.3,GZ5.3

Order Code: MS16
Base: G6.35,GZ6.35
G5.3,GZ5.3

Order Code: 327
Base: G6.35,GZ6.35
G5.3,GZ5.3

Order Code: 830
Base: G6.35,GZ6.35
G5.3,GZ5.3

Order Code: 901
Base: G6.35,GZ6.35
G5.3,GZ5.3

Order Code: 913
Base: G6.35,GZ6.35
G5.3,GZ5.3

Dental Reflector

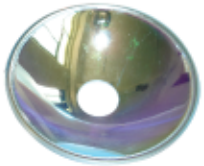
Order Code: DR01
Type: 150*110mm

Order Code: DR02/DR03
Type: ¢ 150mm/ ¢ 205mm

Order Code: DR04
Type: 150*80mm

Order Code: DR05
Type: 205*180mm

O.T Reflector



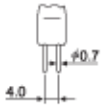
Order Code: OTR01/A
OTR01/B
Type: 140mm–28mm hole
140mm–32mm hole

Order Code: OTR02
Type: 97mm/165mm

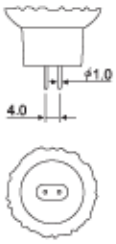
Order Code: OTR03/OTR04
Type: 430mm/600mm

Order Code: OTR05/OTR06
Type: 500mm/700mm

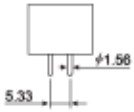
G4



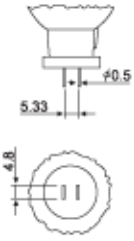
GZ4



G5.3



G5.3-4.8



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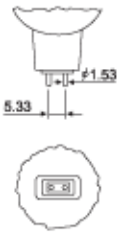
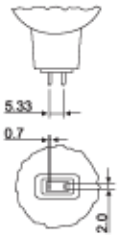
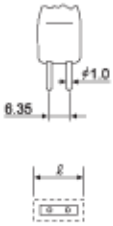


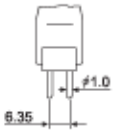
GY5.3



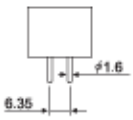
G6.35



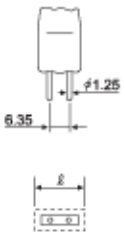
G6.35



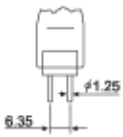
G6.35 19x19 15x19



GY6.35 -13/-15



GY6.35 Ceramic Seal Cover



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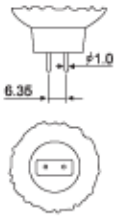
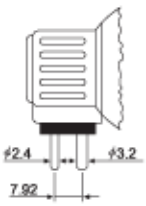


G7.9



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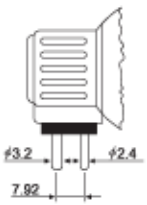
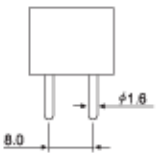
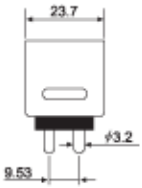


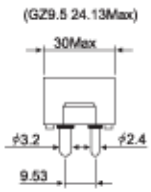
G8



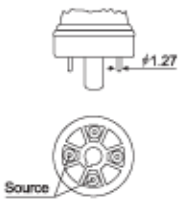
G9.5



GY9.5 (GZ9.5)



G17t-7



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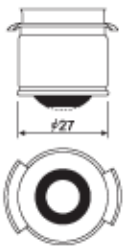
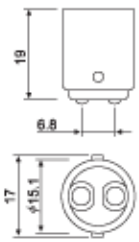
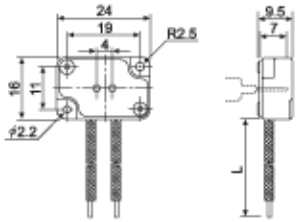


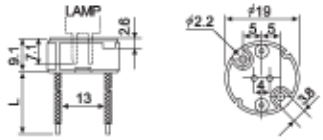
BA15d



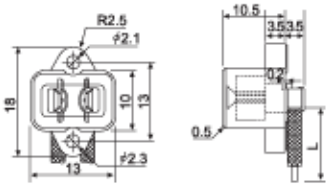
S531
BASE:GZ4
L=110mm/G²



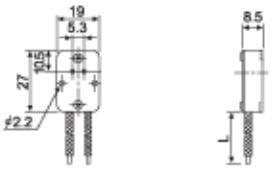
S631
BASE:G4,GX4,GZ4
L=110mm/G²



S640
BASE:G4
L=60mm/G²

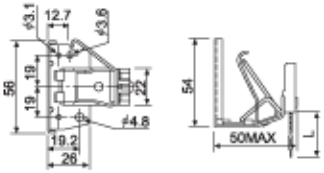


S401
BASE:GX5.3
L=160mm/Q



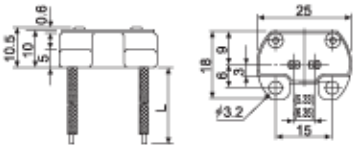
S221
BASE:GX5.3
L=110mm/R

S331
BASE:GY5.3
L=110mm/R



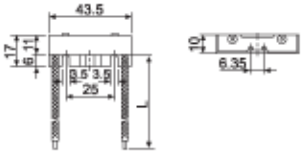
S551
BASE:G5.3,GX5.3
L=200mm/G/R

S541
BASE:G6.35,GY6.35
GZ6.35
L=200mm/G

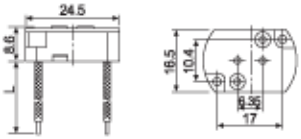


S105
BASE:G6.35
L=200mm/G

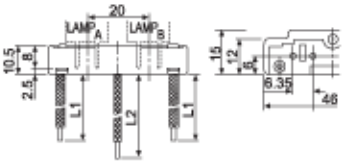
S106
BASE:GY6.35
L=200mm/G



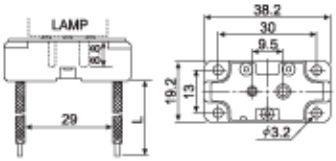
S371
BASE:G6.35,GZ6.35
L=200mm



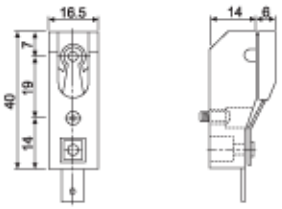
S620
BASE:G6.35,GY6.35
L1=200mm/G
L2=330mm/G



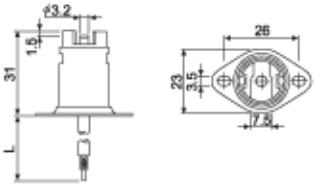
S145
BASE:GY9.5
L=200mm/Q



S070
BASE:R7s

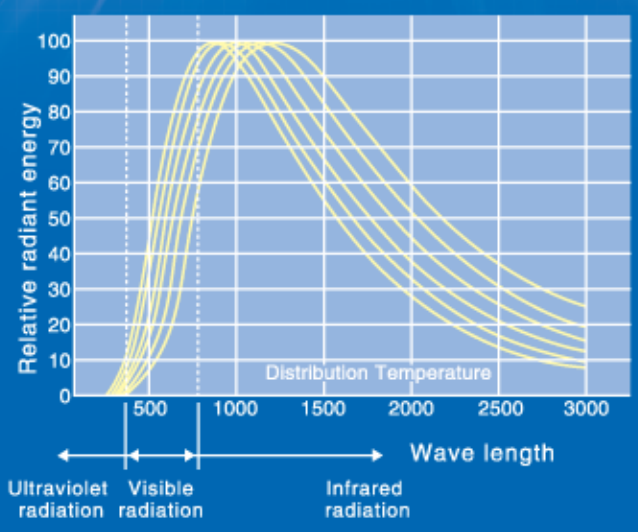


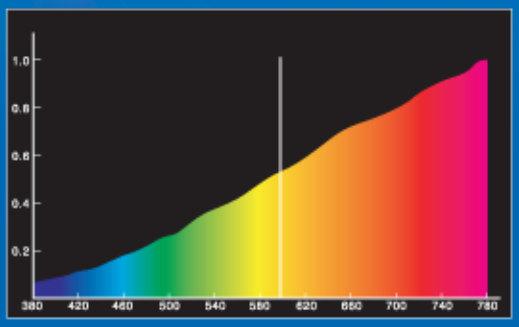
S410
BASE:R7s
L=130mm

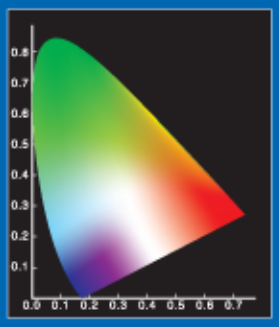


Special Lamps

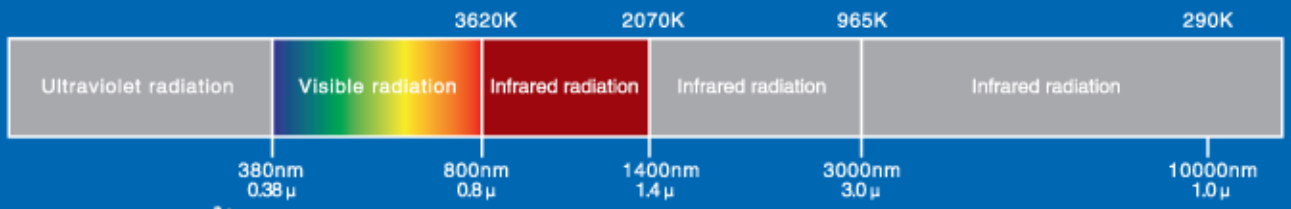
Spectral power distribution







Wave length



Safety Instructions

WARNING

The lamp is under high internal pressure. Do not drop, hit, apply excessive stress or scratch the lamp.
Otherwise it could cause injury by broken glasses.

Do not cover the lamp with paper, cloth or other combustible materials nor operate it in close proximity to such materials.
Otherwise it could cause a fire.

Use the lamp with the specified wattage in appropriate equipment (lamp house). Otherwise it could cause breakage or overheating of the lamp house.

Operate the lamp in the position indicated.
Otherwise it could cause breakage or overheating of the lamp house.

Turn off the electrical power before installing,removing, or cleaning the equipment.
Otherwise it could cause electrical shock.

CAUTION

- Do not touch the lamp while it is operating or immediately after it is turned off because it is extremely hot.
  Otherwise it could cause a burn. (Exchange or clean the lamp after it is cooled off completely.)

Do not handle the lamp with bare hands or stained gloves.
If operated with stains, it could cause breakage, a fire, or injury.

Operate the lamp in equipments with protective shield(shield frontglass) in order to prevent scattering of glass fragments if the lamp breaks.
Otherwise it could cause a fire, a burn, or injury.

Keep the lamp out of reach of children.
otherwise it could cause
suffocation by swallowing the lamp or injury by breakage.

- Do not operate the lamp under conditions where the lamp is hit by rain, water drops or where its humidity is high.
  Otherwise it could cause insulation failure, breakage or injury by lamp falling.
- Do not paint the lamp.
  Otherwise it could cause overheating or a fire.
- Do not operate the lamp in an atmosphere containing inflammable substances, such as gasoline, inflammable spray, thinner, lacquer or dust.
  Otherwise it could cause a fire or explosion.
- Fix the lamp firmly to the socket.
  Otherwise it could cause the lamp to drop from equipments, injury by breakage, or overheating.
- Operate the lamp in the specified voltage. When operated in higher voltage, it could cause the base to break off, equipment to overheat, breakage or injury by lamp falling.
- Do not give shock or vibration to the lamp.
  Otherwise it could cause breakage or injury by lamp falling.
- Do not operate the lamp in an atmosphere containing corrosive material such as acid.
  Otherwise it could cause injury by electrical leakage, fire,fall or breakage.
- Do not operate the lamp in a dusty atmosphere.
  Otherwise it could cause a fire, explosion or overheating.
- Use the exclusive lamps for fishery/luring application.
  Otherwise it could cause injury by breakage.
- Do not look closely at the lamp while it is operating.
  Otherwise it could cause eye injuries.
- Do not operate the lamp by series connection.
  Otherwise it could cause injury by breakage.
- Make sure that the contact part of the socket is not damaged.
  Otherwise it could cause overheating.
- Make sure of the types of lamp base (screw or insert type)before installing or exchanging the lamp.
  Otherwise it could cause injury by breakage.
- Exchange of the lamp which has been used over its rated life time is recommended.
  Otherwise it could cause a fire or injury by breakage.
- Remove packaging of the lamp before installing.
  Otherwise it could cause a fire, a burn, or injury by breakage.

Operation Notes

- The pressure on the contact of the double ended lamps should be kept under 20 to 35N(in case of silver contact 10 to 35N.)
- In order to prevent a danger of breakage which happens rarely at the end of lamp life,attach a proper fuse to the lamp house.
- Except for the lamps allowed,keep the seal temperature below350℃.
- Keep the bulb temperature between 250℃ to 900℃ during the lamp operation.
- Do not touch the inner part of reflector with bare hand.
  Otherwise it could cause short lamp life or affect the lamp performance.
- Do not place objects in close proximity to the lamp.
  Otherwise it could cause a fire.
- Dispose of the lamp without breaking.
  Otherwise it could cause injury by scattered glass fragments.

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