



Casa Márquez

Catálogo de lámparas

PHILIPS

OSRAM 


PerkinElmer
precisely.

 **GE**

Radium
Die Lichtmarke

WelchAllyn

SYLVANIA

USHIO
SPECTRAL INNOVATION


HEINE
OPTOTECHNIK



Light Source & Operating Microscope Lamps

	Code	Volts & Watts	Description
	PE300BF	14V 300W	Perkin Elmer 300W Parabolic Ceramic Xenon Lamp. Compatible with most Olympus CLV -S models, Smith & Nephew Dyonics 300XL, Storz 300W Xenon Light Sources & many others. 5 hole connectivity.
	PE175BF	12.5V 175W	Perkin Elmer 175W Parabolic Ceramic Xenon Lamp. Compatible in all known 175W Storz Xenon Light Sources. 3 hole connectivity.
	PE300C/10F	13.5V 300W	Perkin Elmer 300W Elliptical Ceramic Xenon Lamp. Compatible in Stryker X7000 & X8000 lamp modules & Applied Fibre Optics Xenon Light Sources
	PE300C/10FM	13.5V 300W	Perkin Elmer 300W Elliptical Ceramic Xenon Lamp & Module.
	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 Short Arc Lamp with leads
	XBOR300W/60C	17.5V 300W	Osram 300W Xenon Short Arc Lamp with 5 pin connector
	UXR300BU	14V 300W	Ushio 300W Ceramic Xenon Lamp with 5 hole connectivity



Light Source & Operating Microscope Lamps

	Code	Volts & Watts	Description
	UXR300CU	14V 300W	Ushio 300W Ceramic Xenon Lamp for continuous operation only. 3 hole connectivity.
	Stryker Q3000	250W	Osram HTI250W/32 Metal Halide Lamp with Bracket & 4 pin connector for Stryker Quantum 3000 Light Source
	Stryker Q4000	250W	Osram HTI250W/22 Metal Halide Lamp with Bracket & 4 pin connector for Stryker Quantum 4000 Light Source
	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
	A1/266	21V 150W	Osram DNF Halogen Lamp with MR18 Reflector & GX7.9 Base
	EJA	21V 150W	Halogen lamp with reflector & GX5.3 Base
	BS-H2	3V	Pentax Lamp for BS-LH2 Light Source







Microscope Lamps

	Code	Volts & Watts	Description
	HXPR120/45C	75V 120W	Osram 120W Mercury Short Arc, Long-Life Lamp. 5-pin connector
	HBO 50W/ACL1	39-45V50W	Osram 50W Mercury Short Arc Lamp for Fluorescence Microscopy
	HBO 100W/2	20.5V100W	Osram 100W Mercury Short Arc Lamp for Fluorescence Microscopy
	HBO 103W/2	22.5V100W	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
	M20	6V 15W	Philips 13347W Incandescent Lamp with BA15D 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



Operating Theatre Lamps

	Code	Volts & Watts	Description
	56115282	22.8V 50W	Hanaulux 2000 Series Halogen Lamp with vertical filament orientation. G6.35 Box Ref. 567901954
	HLX 64650	22.8V 50W	Osram Halogen Lamp with vertical filament. 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 Primalux Halogen Capsule Lamp. Horizontal filament & X514SP Base. Box Ref. 567203128
	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





















Welch Allyn Lamps

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

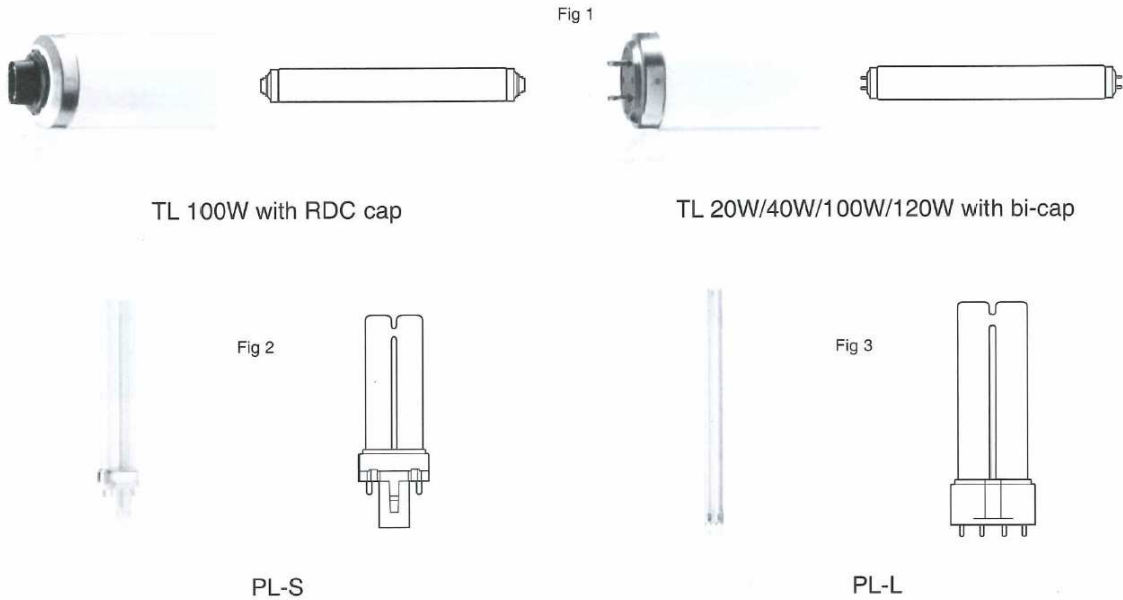


Heine Lamps

	2.5V	3.5V	Instrument
	X-01.88.032	X-02.088.047	Autofoc, Examination Lamp with automatic connector
	X-01.88.109		Mini 3000 Dermatoscope
	X-01.88.034	X-02.88.053	Alpha+ Illuminated Loupe, Alpha+ Dermatoscope, Mini 2000 Dermatoscope
	X-01.88.035	X-02.88.044	Illuminated head for Spreadable Anal Speculum, Glaucotest, F.O. Laryngoscope handle, angled F.O. Laryngoscope handle, Amnioscope - only 3.5V, Alpha+ Finoff
	X-01.88.035		F.O. SP Laryngoscope lamp handle
	X-01.88.037	X-02.88.049	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+ Togue Blade Holder
	X-01.88.105		Mini 3000 F.O. Oscope
	X-01.88.037		Mini 2000 F.O. Oscope, Alpha Oscope, Mini 3000 Tongue Blade Holder, Mini Tongue Blade Holder, Alpha Togue Blade Holder
	X-01.88.038	X-02.88.046	Illuminated Loupe with automatic connector, HFR 2 Spot Retinoscope, Microflex* Ophthalmoscope, DELTA 10
	X-01.88.039	X-02.88.091	Focalux with automatic connector
	X-01.88.040	X-02.88.051	Proctoscope head for proximal illumination
	X-01.88.108		Mini-C clip lamp
	X-01.88.107		Mini 3000 clip lamp, Mini 3000 combi lamp
	X-01.88.041		Mini Fibrilux*, Mini 2000 combi lamp, Mini 2000 clip lamp
	X-01.88.106		Mini 3000 Ophthalmoscope
	X-01.88.042		Alpha Ophthalmoscope, Mini 2000 Ophthalmoscope, Alpha Focalux, Mini Miroflex*, Mini 3000 Focalux, Mini 2000 Focalux
	X-01.88.042	X-02.88.101	Alpha+ Ophthalmoscope, Alpha+ Focalux
	X-01.88.043	X-02.88.102	Alpha+ Ophthalmic Examination Light, Alpha Ophthalmic Examination Light - 2.5V
	X-01.88.056		Minilux* Oscope, Mini 2000 Oscope
	X-01.88.110		Mini 3000 Oscope
	X-01.88.057	X-02.88.063	Straight Laryngeal mirror, Laryngeal mirror mini 3000



Specialist UV Products (Medical Use Only)



TECHNOLOGY FOR PHOTOTHERAPY

UVB - NARROWBAND PRODUCTS

Item No.	Fig No.	Reference	Voltage	OL Dimensions
148	1	TL 100W/01	126V	1778mm
149	1	TL 120W/01	123V	2014.2mm
150	1	TL 20W/01	57V	604mm
151	1	TL 40W/01	104V	1213.6mm
152	2	PL-S 9W/01 2P	60V	167mm
153	3	PL-L 36W/01 4P	106V	416.6mm

HYPERBILIRUBINAEMIA

(NEONATAL JAUNDICE) PRODUCTS

Item No.	Fig No.	Reference	Voltage	OL Dimensions
154	1	TL 20W/52	57V	604mm
155	3	PL-L 18W/71 4P		225mm

PSORIASIS TREATMENT

PUVA PRODUCTS*

Item No.	Fig No.	Reference	Voltage	OL Dimensions
156	1	TL 100W/209	126V	1778mm
157	1	TLD 20W/09	49V	451.6mm

UVB - BROADBAND PRODUCTS

Item No.	Fig No.	Reference	Voltage	OL Dimensions
158	1	TL 100W/12	106V	1778mm
159	1	TL 20W/12	57V	604mm
160	1	TL40W/12	104V	1213.6mm

* To be used under medical supervision if combined with photosensitizers like psoralen



Dental Lamps

	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
	64605	8V 50W	Osram Halogen with reflector and GZ4 Base
	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



TV & Data Projector Lamps

Spare/Replacement Bulbs & Lamps

Guaranteed to meet or exceed original specifications.

If your lamp is not listed below, please call with make & model of projector for a quotation.

3M	MP-8747	HITACHI	CPS225	OPTOMA	DX733
3M	MP-8765	HITACHI	CPS235	OPTOMA	EP719
3M	MP-7730B	HITACHI	CPS370	OPTOMA	EP755
3M	MP-7740I	HITACHI	CPX1200	OPTOMA	EP757
3M	MP8725	HITACHI	CPX275	PANASONIC	PTD5600E
3M	X40	HITACHI	CPX328	PANASONIC	PTLB20NTE
3M	X45	HITACHI	CPX345	PANASONIC	PTLB50SE
3M	X80	HITACHI	CPX380	PANASONIC	PTLC76
BARCO	6300	HITACHI	CPX385	PANASONIC	PTL390
BARCO	BD8200	HITACHI	CPX430	PHILIPS	HOPPER XG20
BARCO	BR9200	HITACHI	CPX440	PHILIPS	LC3031
BENQ	MP610	HITACHI	CPX885	PHILIPS	LC3131
BENQ	MP620	HITACHI	CPX940W	PHILIPS	LC4242
BENQ	PB6100	HITACHI	CPX980	PHILIPS	LC4441
BENQ	PB6240	HITACHI	CPX985	PHILIPS	LC4445
BENQ	PB7110	HITACHI	CPX990	PHILIPS	LC6281
BENQ	PB8120	HITACHI	EDX3270	PROXIMA	DP5950
BENQ	PB8230	HITACHI	PJT X200	PROXIMA	DP5610
BENQ	PB8250	INFOCUS	LP120	PROXIMA	DP5800
CHRISTIE	DS+25	INFOCUS	LP280	PROXIMA	DP9260
CHRISTIE	DS60	INFOCUS	LP340	PROXIMA	LS2
CHRISTIE	LW25	INFOCUS	LP530	SANYO	PLCSU10
CHRISTIE	LX100	INFOCUS	LP540	SANYO	PLCSU20
CHRISTIE	LX45	INFOCUS	LP550	SANYO	PLCSU22
CHRISTIE	MP1200	INFOCUS	LP600	SANYO	PLCSU30
CHRISTIE	MP2810	INFOCUS	LP70	SANYO	PLCSU50
DELL	2300MP	INFOCUS	LP720	SANYO	PLCSW15
DELL	3300MP	JVC	DLA-G20	SANYO	PLCSW20A
EIZO	IX460P	JVC	DLA-M200L	SANYO	PLCSW30
ELMO	EDPX70	JVC	DLA-SX21	SANYO	PLCXU20
EPSON	EMP5100	KODAK	DP900	SANYO	PLCXU30
EPSON	EMP7100	MITSUBISHI	X200	SANYO	PLCXU35
EPSON	EMP7250	MITSUBISHI	X300	SANYO	PLCXU38
EPSON	EMP7900	MITSUBISHI	XD400	SANYO	PLCXU40
EPSON	EMP8300	MITSUBISHI	XL1	SHARP	PGC20XE
EPSON	EMP5100	MITSUBISHI	XL5900	SHARP	XGC55X
EPSON	EMP5300	MITSUBISHI	XK5950	SHARP	XGNNV51XE
EPSON	EMP5350	MITSUBISHI	XL8U	SHARP	XGNV2E
EPSON	EMP6000	NEC	GT1150	SHARP	XGP10XE
EPSON	EMP62	NEC	HT1100	SONY	SU20
EPSON	EMP7100	NEC	LT155	SONY	VPL200
EPSON	EMP713	NEC	LT220	SONY	VPLCS2
EPSON	EMP7250	NEC	LT260K	SONY	VPLCS3
EPSON	EMP73	NEC	MT1030	SONY	VPLCX10
EPSON	EMP74	NEC	MT1050	SONY	VPLPX20
EPSON	EMP7800	NEC	MT1060	SONY	VPLPX21
EPSON	EMP8000	NEC	MT810	SONY	VPLPX30
EPSON	EMP8300	NEC	MT840	SONY	VPLS900
EPSON	EMPS1	NEC	MT850	TOSHIBA	TDPS80
EPSON	EMPTW10H	NEC	VT440K	TOSHIBA	TLP560
H/PACKARD	VP6100	NEC	VT45K	TOSHIBA	TLP680
H/PACKARD	VP6120	NEC	VT47	TOSHIBA	TLPS10
H/PACKARD	VP6121	NEC	VT540	TOSHIBA	TLPS40
HITACHI	CPS210F	NEC	VT575	TOSHIBA	TLPX10
HITACHI	CPS220	OPTOMA	DX733	TOSHIBA	TLPX4100



Fibre Optic Cables












Fused Fibre Optic Cables are fitted with standard adaptors at both the light entrance and exit adaptors, to suit machine and telescope requirements. Standard lengths of 1800mm and 2300mm and diameters of 3.5mm and 4.8mm are available from stock. Other lengths of cable are also available to order. All cables are individually serial numbered for traceability, and fully autoclaveable.

Choose from a wide range of adaptors to suit all surgical needs. Stock adaptors include Acmi/ British Standard, Wolf, Storz & Olympus.



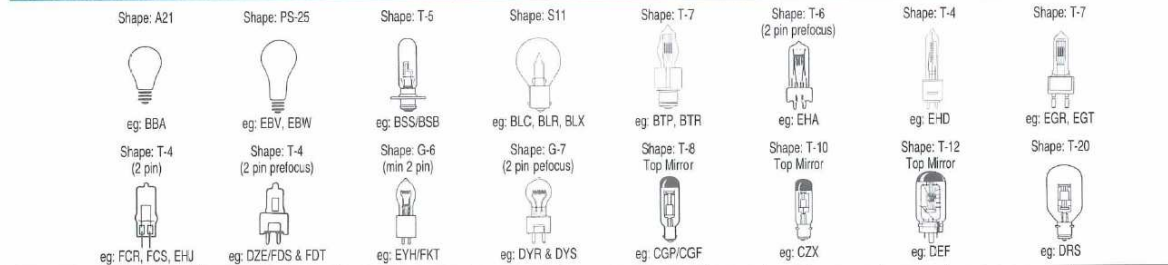
Batteries

	Code	Description
	72000	2.5V Rechargeable Battery
	72200	3.5V Rechargeable Battery
	72300	3.5V Rechargeable Battery
	EP39-18918	Keeler Ophthalmoscope 3.75V/2.2Ah Battery
	BAT/AA/ALK	Duracell Procell MN1500 AA Alkaline Battery
	BAT/AAA/ALK	Duracell Procell MN2400 AAA Alkaline Battery
	BAT/C/ALK	Duracell Procell MN400 C Cell Alkaline Battery
	BAT/D/ALK	Duracell Procell MN1300 D Cell Alkaline Battery
	BAT/9V/ALK	Duracell Procell 9V MN1604 9V Alkaline Battery



ANSI Coded Lamps

All dimensions in millimetres



ANSI Code	Volts	Watts	Base	Rated Av. Life Hrs	Lamp Style	Equiv./Use	ANSI Code	Volts	Watts	Base	Rated Av. Life Hrs	Lamp Style	Equiv./Use
BAB	12	20	GX5.3	2-4000	50MM DICHROIC	M69	DHT	120	1200	P28s	10	T-12 TOP MIRROR	A1/191
BBA	120	250	E26/E27	3	A-21 (GLS)	P1/1	DJT	13.8	50	GX5.3	1000	50MM DICHROIC	Microfilm
BBF	12	20	GX5.3	2-4000	50MM DICHROIC	M94	DKM	21.5	250	G17q	25	T-14 TOP MIRROR	16mm Proj
BCA	120	250	E26/E27	3	A-21 (GLS)	No1-Blue	DLV/DLG/DHX	22	150	G17q	15	T-14 8MM PROJ	A1/194
BCK	120	500	G17q	50	T-6 SLIDE PROJ	A1/241	DMJ	240	480	G17q	75	T-14 O/H PROJ	
BEH	120	150	G17q	15	T-10 SLIDE PROJ	A1/182	DMS	120	500	E26/E27	50	T-20 CLEAR	A1/42
BEJ	120	200	B15d	25	B-12 PROJECTOR		DMX	120	500	P28s	50	T-20 CLEAR	A1/8
BEY	20	5A	P30s	50	G-16 1/2		DNE	120	150	GX7.9	12	57MM DICHROIC	8mm Proj
BLC	120	30	B15d	50	S-11 PROJECTOR		DNF	21	150	GX7.9	25	57MM DICHROIC	A1/266
BLR	120	50	B15s	50	S-11 TOY PROJ		DPT	120	1000	E39	50	T-20 CLEAR	Projector
BLX	120	50	B15d	50	S-11 TOY PROJ		DPY	120	5000	G38	500	T-17 STUDIO	LV CP29
BMY	120	100	B15s	50	S-11 TOY PROJ		DRS	120	1000	P28s	25	T-20 CLEAR	A1/58
BRH	120	1000	R7s	75	3 3/4" OL LINEAR		DSW	24	200	G17q	25	T-14 8MM PROJ	
BRJ	15	150	G6.35	50	CAPSULE	A1/234	DTJ	120	1500	P40s	25	T-20 CLEAR	1500 T-20/39
BRK	4	0.75A	P30s	50	T-5 EXCITER	G27	DTY	120	10000	G38	300	T-24 STUDIO	LV CP83
BRL	12	50	G6.35	50	CAPSULE	A1/220	DVY	120	650	G5.3	25	G-6 MIN 2-PIN	
BRN	120	1200	G17q	20	T-7 PROJECTOR		DWE	120	650	Screw Term.	100	SEALED BEAM	Q650 PAR36/1
BRR	120	1000	G17q	50	T-7 PROJECTOR	A1/242	DWH/DWJ	6.3	100	Screw Term.	3	SEALED BEAM	PAR36
BRS	4	0.75A	P30s	50	T-5 EXCITER	G29	DKW	230	1000	P28s	50	T-20 CLEAR	Studio + Proj
BRX	6	1A	P30d	100	T-5 EXCITER		DWY	120	650	R7s	25	3 1/8" OL LINEAR	Studio
BSK	6	1A	P30s	100	T-5 EXCITER	G40	DWZ	30	375	R7s	1000	3 1/8" OL LINEAR	A1/226
BSS/BSB	6	1A	P30s	100	T-5 EXCITER	G5	DXM	30	250	R7s	12	LINEAR	Sun Gun
BTP	120	750	P28s	200	T-7 STUDIO		DXW	120	1000	R7s	150	3 3/8" OL LINEAR	Studio
BTR	120	1000	P28s	200	T-7 STUDIO	CP52	DXX	220/230	800	R7s	150	3 1/8" OL LINEAR	P2/13
BTG	120	1200	G17q	20	T-7 PROJECTOR		DXX	240	800	R7s	150	3 1/8" OL LINEAR	P2/13
BVA	120	900	G9.5	75	T-7 PROJECTOR		DYA	120	1000	R7s	200	111MM OL LINEAR	Studio
BXE	10	0.75A	B15s	100	T-8 EXCITER	G15	DYF	19.3	140	G5.3	100	T-3 MIN 2-PIN	
CAL	120	300	G17q	25	T-10 TOP MIRROR		DYG	30	250	GY9.5	15	G-6 MIN 2-PIN	Studio
CAR	120	150	G17q	15	T-10 TOP MIRROR		DYJ	230	650	G5.3	20	G-7 MIN 2-PIN	
CBA	120	500	G17q	50	T-6 CERAMIC TOP		DYR	220	650	GY9.5	50	G-7 MIN 2-PIN	A1/233
CDK/CEA	120	100	B15d	50	T-8 TOP MIRROR	A1/121	DYR	240	650	GY9.5	50	G-7 MIN 2-PIN	A1/233
CDS/CDX	120	100	B15s	50	T-8 TOP MIRROR	A1/21	DYS	120	600	GY9.5	75	G-7 MIN 2-PIN	A1/264
CLX/CMB	120	300	B15d	25	T-8 1/2 TOP MIRROR		DZA	10.8	30	G5.3	400	T-3 MIN 2-PIN	
CPR	6	18A	P28s	50	T-10 TOP MIRROR		DZJ	240	900	GY9.5	75	O/H PROJECTOR	7804
CRT	120	300	G17q	500	T-10 TOP MIRROR		DZV	240	625	GY9.5	75	O/H PROJECTOR	A1/265
CTT/DAX	120	1000	G17q	25	T-12 TOP MIRROR	A1/207	DZZ (DDJ)	12	100	GY9.5	1000	T-3 MIN 2-PIN	M46
CVS/CVX	120	200	P28s	50	T-10 PROJECTOR	A1/113	EBV	120	500	E26/E27	6	PS-25 (GLS)	CP2/No2
CWD	120	300	G17q	25	T-10 TOP MIRROR	A1/178	EBW	120	500	E26/E27	6	PS-25 (GLS)	Blue Glass
CXK/CXY	120	300	P28s	25	T-10 TOP MIRROR	A1/6	ECT	120	500	E26/E27	60	PS-25 (GLS)	P2/1
CXR/CXL	8	50	P30s	25	TB-6 8mm PROJ	A1/17	EFM	8	50	G6.35	50	50MM DICHROIC	A1/229
CXZ	120	1500	G38	325	T-8 STUDIO		EFN	12	75	G6.35	50	50MM DICHROIC	A1/230
CYC	120	300	B15s	25	T-10 TOP MIRROR	A1/183	EPF	12	100	G6.35	50	50MM DICHROIC	A1/231
CYS	120	1200	G17q	10	T-12 TOP MIRROR	A1/208	EFR	15	150	G6.35	50	50MM DICHROIC	A1/232
CYV	120	1000	G38	200	T-7 STUDIO		EGG	120	750	P28s	2000	T-5 STUDIO	
CYX	120	2000	G38	400	T-9 1/2 STUDIO	LV 2KW	EGJ	120	1000	P28s	400	T-6 STUDIO	
CZA/CZB	120	500	G17q	25	T-10 TOP MIRROR	A1/205	EGR	120	750	G22	200	T-7 STUDIO	
CZX/DAB	120	500	P28s	25	T-10 TOP MIRROR	A1/7	EGT	120	1000	G22	200	T-7 STUDIO	
DAF	120	300	G17Q	300	T-10 TOP MIRROR	Projector	EGX	120	500	G17q	250	T-7 STUDIO	LV CP40
DAY/DAK	120	500	G17q	30	T-10 TOP MIRROR	A1/180	EHA	120	500	GY9.5	50	T-6 2-PIN PREF	Slide Proj
DCA	21	150	G17q	15	T-12 TOP MIRROR	A1/184	EHC	120	500	G9.5	200	T-5 STUDIO	A1/254
DCF	21	150	G17q	15	T-12 8MM PROJ		EHD	120	500	G9.5	2000	T-4 2-PIN	Q500CL/TP
DCW	24	150	G17q	50	T-12 TOP MIRROR		EHG	120	750	G9.5	2000	T-5 STUDIO	
DDB	120	750	P28s	25	T-12 TOP MIRROR	A1/9	EHL	24	250	G6.35	50	T-4 CAPSULE	A1/223
DDF	17	55	GX5.3	300	50MM DICHROIC	Enlarger	EHP	120	300	R7s	2500	31/8" OL LINEAR	
DDK	19	80	GX5.3	40	50MM DICHROIC	Film Proj	EHR	120	400	R7s	2000	31/8" OL LINEAR	
DDL	20	150	GX5.3	500	50MM DICHROIC	Microfilm	EHT	120	250	E11	2000	T-4 MINICAN	JD
DDM	19	80	GX5.3	50	50MM DICHROIC	Slide Proj	EHV	120	325	E11	500	T-4 MINICAN	JD
DDN	20	200	R7s	100	2 3/8" OL LINEAR	Microfilm	EJA	21	150	GX5.3	40	50MM DICHROIC	Fibre Optics
DDS	21	80	GX5.3	1000	50MM DICHROIC	Microfilm	EJG	120	750	R7s	400	119MM LINEAR	Q750 T3/4CL
DED	13.8	85	GX5.3	1000	50MM DICHROIC	Microfilm	EJL	24	200	GX5.3	50	50MM DICHROIC	A1/252
DEF	21	150	G17q	10	T-12 TOP MIRROR	A1/211	EJM	21	150	GX5.3	40	50MM DICHROIC	8mm Proj
DEJ	120	750	P46s	25	T-12 TOP MIRROR	A1/53	EJY	19	80	GX5.3	25	50MM DICHROIC	Fibre Optics
DEK/DFW	120	500	G17q	25	T-12 TOP MIRROR	Slide Proj	EKE	21	150	GX5.3	200	50MM DICHROIC	8mm Proj
DFA	120	150	G17q	15	T-12 TOP MIRROR	8mm Proj	EKG	19	80	GX5.3	25	50MM DICHROIC	8mm Proj
DFE	30	80	G17q	15	T-12 8MM PROJ		EKP/ENA	30	80	GX5.3	50	50MM DICHROIC	8mm Proj
DFP	120	150	G17q	500	T-12 TOP MIRROR	Slide Proj	EKX	24	200	GX5.3	25	50MM DICHROIC	Microfilm
DFN/DFC	125	150	G17q	15	T-12 8MM PROJ	A1/24	EKZ	10.8	30	GX5.3	200	50MM DICHROIC	16mm Proj
DFT	120	1000	P28s	25	T-12 TOP MIRROR	A1/59	ELA	19	65	G5.3	25	T-3 MIN 2-PIN	
DFY	120	1000	P46s	25	T-12 TOP MIRROR	A1/91	ELB	30	80	GX5.3	18	50MM DICHROIC	8mm Proj
DGS	120	1000	DC Med Ring	10	T-12 CLEAR	Projector	ELC	24	250	GX5.3	50	50MM DICHROIC	A1/259



ANSI Coded Lamps

All dimensions in millimetres

ANSI Code	Volts	Watts	Base	Rated Av. Life Hrs	Lamp Style	Equiv./Use	ANSI Code	Volts	Watts	Base	Rated Av. Life Hrs	Lamp Style	Equiv./Use
ELC/C	24	250	GX5.3	50	50MM DICHOIC	Constant Colour	EZX	12	20	GX5.3	4000	50MM DICHOIC	Display
ELD/EJN	21	150	GX5.3	40	50MM DICHOIC	Microfilm	EZY	12	42	GX5.3	3500	50MM DICHOIC	Display
ELE/ELT	30	80	GY7.9	20	45MM DICHOIC	8mm Proj	FAD	120	650	R7s	100	78MM OL LINEAR	P/2/6
ELH	120	300	GY5.3	35	50MM DICHOIC	Slide Proj	FAD	240	650	R7s	100	78MM OL LINEAR	JPD
ELS/ELR	16	50	GY7.9	650	45MM DICHOIC	Microfilm	FAL	120	420	R7s	75	64MM OL LINEAR	A1/227
ELV	21.5	150	GY7.9	100	57MM DICHOIC	8mm Proj	FAV	115	100	E11	6	T-3 MINICAN	Sun Gun
ELZ	21	150	GX7.9	60	57MM DICHOIC	8mm Proj	FAY	120	650	Ferrule	35	PAR-36 S/BEAM	Q650 PAR/3D
EMC	12	100	GX5.3	200	50MM DICHOIC	Microfilm	FBE	120	650	Screw Term	35	PAR-36 S/BEAM	Q650 PAR/5D
EML	24	175	G5.3	125	T-4 MIN 2-PIN		FBO	120	650	Screw Term	30	PAR-36 S/BEAM	Q650 PAR/3/5
EMM/EKS	24	250	GY7.9	50	45MM DICHOIC	A1/258	FBT	30	150	E11	6	T-3 MINICAN	Sun Gun
ENG	120	300	GY5.3	15	50MM DICHOIC	Slide Proj	FBV	30	250	E11	6	T-3 MINICAN	Sun Gun
ENH	120	250	GY5.3	175	50MM DICHOIC	Slide Proj	FBW	30	350	E11	6	T-4 MINICAN	Sun Gun
ENL	12	50	GX5.3	3000	50MM DICHOIC	Fibre Optics	FCB	120	600	R7s	75	92MM OL LINEAR	A1/228
ENW/ENC	19	80	GX5.3	200	50MM DICHOIC	8mm Proj	FCX	20	170	R7s	100	2 3/8" OL LINEAR	Microfilm
ENX	82	360	GY5.3	75	50MM DICHOIC	O/H Projector	FCM	120	1000	R7s	400	117MM OL LINEAR	P2/28 Clear
ENZ	30	50	GX5.3	25	50MM DICHOIC	8mm Proj	FCR	12	100	GY6.35	50	T-3 CAPSULE	A1/215
EPG	21	80	GY7.9	100	45MM DICHOIC	8mm Proj	FCS	24	150	G6.35	50	T-4 CAPSULE	A1/216
EPL	30	250	G6.35Cer	6	T-3 1/4 MIN 2-PIN	Camera Light	FCW	120	650	Ferrule	100	PAR-36 S/BEAM	Q650 PAR/3/6
EPN	12	35	GX5.3	50	50MM DICHOIC	8mm Proj	FCX	120	650	Ferrule	100	PAR-36 S/BEAM	Q650 PAR/3/7
EPS	240	500	G17i	50	T-6 PROJECTOR	A1/268	FDS	24	150	GY9.5	50	T-4 2-PIN	A1/262
EPT	10.8	42	GX5.3	3000	50MM DICHOIC	Fibre Optics	FDT	12	100	GY9.5	50	T-3 2-PIN	A1/261
EPV	14.5	90	GX5.3	500	50MM DICHOIC	Microfilm	FDW	24	150	G6.35 Cer.	200	T-4 2-PIN	
EPW	100	360	GY5.3	75	50MM DICHOIC	O/H Projector	FEL	120	1000	G9.5	300	STUDIO	LV CP77
EPX	14.5	90	GX5.3	500	50MM DICHOIC	Microfilm	FEP	240	1000	G9.5	300	STUDIO	CP77
EPZ	13.8	50	GX5.3	1000	50MM DICHOIC	Microfilm	FEX	220	2000	R7s	300	STUDIO	P2/27
ERD	14	35	Wedge	150	T-3 1/4 (T-10 WBC)		FEX	240	2000	R7s	300	STUDIO	P2/27
ERF	14	50	Wedge	150	T-3 1/4 (T-10 WBC)		FEY	120	2000	R7s	300	STUDIO	LV P2/27
ERR	14	25	2 pin	200	PAR-18		FFJ	120	600	R7s	75	2 5/8" OL LINEAR	Printer
ERV	36	340	GX5.3	75	50MM DICHOIC	O/H Projector	FFN	120	1000	GX16d	800	PAR-64 S/BEAM	Q1000 PAR/6/1
ERW	12	18	2 pin	650	PAR-18		FFP	120	1000	GX16d	800	PAR-64 S/BEAM	Q1000 PAR/6/2
ESC	24	200	GX5.3	25	50MM DICHOIC	8mm Proj	FFR	120	1000	GX16d	800	PAR-64 S/BEAM	Q1000 PAR/6/5
ESD	120	150	GY5.3	12	50MM DICHOIC	Enlarger	FFS	120	1000	GX16d	800	PAR-64 S/BEAM	Q1000 PAR/6/6
ESH	82	85	GY5.3	250	50MM DICHOIC	Film strip Proj	FFT	120	1000	R7s	300	166MM OL LINEAR	Studio
ESJ	82	85	GY5.3	40	50MM DICHOIC	Enlarger	FFX	245	500	G5.3	50		A1/237
ESS	120	250	E11	2000	T-4 JD CLEAR	Q250 CL/MC	FGK	120	650	Screw Term	35	PAR-36 S/BEAM	Q650 PAR/3/8D
ESS	120	250	B15d	2000	T-4 JD CLEAR	Q250 CL/DC	FHM	120	1000	R7s	400	117MM OL LINEAR	P2/29 Frosted
ESX	12	20	GX5.3	2-5000	50MM DICHOIC	M68	FHS	82	300	GX5.3	70	42MM DICHOIC	Slide Proj
ESY	120	150W	G6.35	50	CAPSULE	Slide Projector	FHX	13.8	25	GX5.3	250	50MM DICHOIC	Microfilm
ETH	120	150	E11	2000	JD FROSTED	Q150 CL/MC	FJX	13.8	30	GX5.3	500	50MM DICHOIC	Microfilm
EVD	36	400	G6.35	50	CAPSULE	A1/239	FJY	12	28	GZ3.9	1000	35MM DICHOIC	Microfilm
EVR	120	500	E11	2000	JD CLEAR		FJZ	13.8	30	GZ4	500	35MM DICHOIC	Microfilm
EVV	6.6A	120	GZ9.5	500	T-4 2-PIN	Airfield	FLS	12	28	GZ4	1000	35MM DICHOIC	Microfilm
EVW	82	250	GY5.3	50	50MM DICHOIC	O/H Proj	FLT	13.8	25	GZ4	250	35MM DICHOIC	Microfilm
EW	24	200	GX5.3	50	50MM DICHOIC	O/H Proj	FLW	24	300	GY6.35 Cer.	50	CAPSULE	Projector
EWG	120	300	GX5.3	35	50MM DICHOIC	16mm Proj	FML	13.8	50	GX5.3	1000	50MM DICHOIC	Microfilm
EXC	220 + 240	1000	GX16d	300	PAR-64 S/BEAM	CP60-Spot	FMT	12	35	GX5.3	2-4000	50MM DICHOIC	M71
EXD	220 + 240	1000	GX16d	300	PAR-64 S/BEAM	CP61-Med	FMW	12	35	GX5.3	2-4000	50MM DICHOIC	M81
EXE	220 + 240	1000	GX16d	300	PAR-64 S/BEAM	CP62-Wide	FNT	24	275	G6.35	75	CAPSULE	Slide, O/H Proj
EXG	220 + 240	1000	GX16d	300	PAR-64 S/BEAM	CP95-Very wide	FNV	12	50	GX5.3	2-5000	50MM DICHOIC	M80
EKK	12	50	GX5.3	5000	50MM DICHOIC		FTB	12	20	GZ4	2-3500	35MM DICHOIC	M52
EXM	6.6A	45	GZ9.5	1000	T-31/2	Airfield	FTC	12	20	GZ4	2-3500	35MM DICHOIC	M51
EXN	12	50	GX5.3	2-5000	50MM DICHOIC	M58	FTD	12	20	GZ4	2-3500	35MM DICHOIC	M62
EXR	82	300	GX5.3	35	42MM DICHOIC	Slide Proj	FTE	12	35	GZ4	2-3500	35MM DICHOIC	M65
EXS	30	200	GX5.3	50	50MM DICHOIC	Camera Light	FTF	12	35	GZ4	2-3500	35MM DICHOIC	M66
EXT	12	50	GX5.3	2-5000	50MM DICHOIC	M49	FTH/GAX	12	35	GZ4	2-3500	35MM DICHOIC	M170
EXX	120	250	GY5.3	25	50MM DICHOIC	Camera Light	FSY	240	400	GY9.5	400		Projector
EXZ	12	50	GX5.3	2-5000	50MM DICHOIC	M50	FXL	82	410	GY5.3	75	50MM DICHOIC	O/H Projector
EYA	82	200	GY5.3	50	50MM DICHOIC	Enlarger	GCA	120	250	G5.3	200	T-31/2 2-PIN	Sun Gun
EYB	82	360	G5.3	75	T-31/2 MIN 2-PIN		GCB	30	200	G5.3	200	T-31/2 2-PIN	Sun Gun
EYC	12	75	GX5.3	2-5000	50MM DICHOIC	M61	GCC	12	100	G5.3	200	T-31/2 2-PIN	Sun Gun
EYF	12	75	GX5.3	2-5000	50MM DICHOIC	M60	GED	13.8	85	Leads	1000	50MM DICHOIC	13131
EYH/FKT	120	250	G5.3	200	G-6 MIN 2-PIN		GJT	13.8	50	Leads	1000	50MM DICHOIC	13125
EZG	35	300	Sp. 2-pin plug	50	PROJECTOR + PLUG	Gemini 300	JCD	100	650	G6.35	150	G-7 MIN 2-PIN	Video/Movie
EYJ	12	75	GX5.3	2-5000	50MM DICHOIC	M82	JCP	100	650	GY9.5	75	T-6 2-PIN	Slide Proj
EYZ	12	42	GX5.3	3500	50MM DICHOIC	Display	JCR	100	300	GY5.3	50	50MM DICHOIC	16mm Proj
EZF/EZJ	58	225	GX5.3	500	42MM DICHOIC	Colour Printer	JCR/M	12	30	GZ4	50	35MM DICHOIC	Video/Movie
EZK	120	150	GY5.3	200	50MM DICHOIC	Camera Light	JPD	240	650	R7s	100	78MM OL LINEAR	240v P2/6
EZL	6.6A	200	GY9.5		Airfield								
EZM	37.5	300	Sp. 2-pin plug	25	REFLECTOR + PLUG	MARC 300							
EZT	45	350	Sp. 2-pin plug	50	REFLECTOR + PLUG	MARC 350/16T							



'M' Class Display Lamps

All dimensions in millimetres



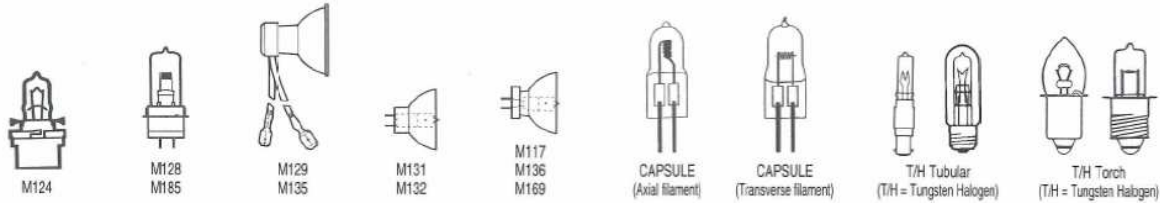
AL/REF=Aluminium Reflector

Reference	Volts	Watts	Base	Rated Av. Life Hrs	Lamp Style	Equiv.	Reference	Volts	Watts	Base	Rated Av. Life Hrs	Lamp Style	Equiv.
M9	12	5	G4	2000	CAPSULE	M327	M72	12	35	GU5.3	-	-	Obsolete
M11	12	10	G4	2000	CAPSULE	M91	M73	12	75	GY6.35	2000	CAPSULE	M154
M12	32	3.6	P30d	-	-	-	M73S	12	75	GY6.35	2000	CAPSULE	13753
M16	6	15	PX22d	100	TUB 18x54 MM	13347C	M74	12	50	GY6.35	2000	CAPSULE	13102
M18	6	15	B15d	100	TUB 18x54 MM	13702W	M74S	12	50	GY6.35	2000	CAPSULE	13754
M19	6	15	PX22d	100	TUB 18x54 MM	13702C	M74U	12	50	GY6.35	2000	CAPSULE	-
M20	6	15	B15d	100	TUB 17x54 MM	13347W	M75	12	35	GY6.35	2000	CAPSULE	-
M28/EVA	12	100	GY6.35	2000	CAPSULE	M180	M75S	12	35	GY6.35	2000	CAPSULE	13755
M29	6	10	G4	100	CAPSULE	FHD/ESA	M75U	12	35	GY6.35	2000	CAPSULE	-
M30/ESB	6	20	G4	100	CAPSULE	7388/64250	M76	12	20	GY6.35	2-3000	CAPSULE	-
M32	12	50	GY6.35	2000	CAPSULE	-	M76S	12	20	GY6.35	2000	CAPSULE	13756
M32L	12	50	GY6.35	4000	CAPSULE	13512HLX64016	M76U	12	20	GY6.35	2000	CAPSULE	-
M33	24	250	G6.35	300	CAPSULE	EVC/FGX	M77C	240	75	B15d	1500	T/H TUBULAR	64473KL
M34/FHE	6	20	G4	2000	CAPSULE	-	M77F	240	75	B15d	1500	T/H TUBULAR	64473AM
M35	12	20	G4	250	CAPSULE	12345	M78C	240	100	B15d	2000	T/H TUBULAR	64475KL
M36	24	250	G6.35	2000	CAPSULE	-	M78F	240	100	B15d	2000	T/H TUBULAR	64475AM
M37	12	55	GZ6.35	-	-	Obsolete	M79C	240	150	B15d	2000	T/H TUBULAR	64477KL
M38	120	300	GY9.5	-	-	Obsolete	M79F	240	150	B15d	2000	T/H TUBULAR	64477AM
M38	240	300	GY9.5	2000	DMS: 18x80 MM	6874P	M80/FNV	12	50	GU5.3	2-5000	50 MM DICHROIC	-
M39	6	20	Two Tabs	-	-	Obsolete	M80U	12	50	GU5.3	2-5000	50 MM DICHROIC	-
M40	120	500	GY9.5	-	-	Obsolete	M81/FMW	12	35	GU5.3	2-5000	50 MM DICHROIC	-
M40	240	500	GY9.5	2000	DMS: 18x80 MM	6877P	M81U	12	35	GU5.3	2-5000	50 MM DICHROIC	-
M41	6	20	Two Tabs	-	-	Obsolete	M82/EYJ	12	75	GU5.3	2-5000	50 MM DICHROIC	-
M42	6	10	G4	2000	CAPSULE	6605	M82U	12	75	GU5.3	2-5000	50 MM DICHROIC	-
M43	6	10	G4	200	CAPSULE	5972	M83	12	50	BA15d	2000	58 MM AL/REF	-
M46	12	100	GY9.5	-	-	Obsolete	M84	12	50	BA15d	2000	58 MM AL/REF	-
M47	12	20	G4	2000	CAPSULE	M329	M85	12	50	BA15d	2000	58 MM AL/REF	-
M47U	12	20	G4	2000	CAPSULE	64425U	M86	12	20	G4	2000	CAPSULE	13078
M48	12	20	G4	-	-	Obsolete	M86U	12	20	G4	2000	CAPSULE	-
M49/EXT	12	50	GU5.3	2-5000	50 MM DICHROIC	-	M87	12	50	GY6.35	2000	CAPSULE	M32
M49U	12	50	GU5.3	2-5000	50 MM DICHROIC	-	M88	24	20	G4	2000	CAPSULE	-
M50/EXZ	12	50	GU5.3	2-5000	50 MM DICHROIC	-	M88U	24	20	G4	2000	CAPSULE	-
M50U	12	50	GU5.3	2-5000	50 MM DICHROIC	-	M89	24	50	GY6.35	2000	CAPSULE	-
M51/FTC	12	20	GU4	2-3500	35 MM DICHROIC	M320	M89U	24	50	GY6.35	2000	CAPSULE	-
M52/FTB	12	20	GU4	2-3500	35 MM DICHROIC	-	M90	24	100	GY6.35	2000	CAPSULE	M67
M52U	12	20	GU4	2000	35 MM DICHROIC	-	M91	12	10	G4	2000	CAPSULE	M328
M54	12	20	B15d	2000	37 MM AL/REF	6434-GBE	M94/BBF	12	20	GX5.3	3500	50 MM DICHROIC	-
M55	12	20	B15d	2000	37 MM AL/REF	6433-GBD	M95	12	35	GY6.35	3000	CAPSULE	-
M56	12	50	B15d	2000	56 MM AL/REF	6439FR-GBJ	M98	12	75	GX5.3	3000	50 MM DICHROIC	-
M57	12	50	B15d	2000	56 MM AL/REF	6438-GBK	M99	24	75	GY6.35	2000	CAPSULE	RJY7524
M58/EXN	12	50	GU5.3	2-5000	50 MM DICHROIC	-	M100U	12	50	G53	2000	111 MM AL/REF	41835NSP
M58U	12	50	GU5.3	2-5000	50 MM DICHROIC	-	M101U	12	50	G53	2000	111 MM AL/REF	41835SP
M60/EYF	12	75	GU5.3	2-5000	50 MM DICHROIC	-	M102U	12	75	G53	2000	111 MM AL/REF	41840SP
M60U	12	75	GU5.3	2-5000	50 MM DICHROIC	-	M103U	12	75	G53	2000	111 MM AL/REF	41840WFL
M61/EYC	12	75	GU5.3	2-5000	50 MM DICHROIC	-	M104	12	50	GU5.3	3500	50 MM DICHROIC	NEODYMIUM
M61U	12	75	GU5.3	2-5000	50 MM DICHROIC	-	M105	12	50	GX5.3	3500	50 MM DICHROIC	NEODYMIUM
M62/FTD	12	20	GU4	2-3500	35 MM DICHROIC	M321U	M107U	24	20	G4	1000	48 MM AL/REF	41930SP
M63	12	20	B15d	2000	37 MM DICHROIC	6435FR-GBF	M108U	12	20	G4	2000	48 MM AL/REF	41900FL
M64/FTA	12	12	GU4	2000	35 MM DICHROIC	-	M109U	12	50	GU5.3	4000	50 MM DICHROIC	ENL
M65/FTE	12	35	GU4	2-3500	35 MM DICHROIC	-	M110C	240	250	B15d	2000	T/H TUBULAR	64479KL
M65U	12	35	GU4	2-3500	35 MM DICHROIC	-	M110F	240	250	B15d	2000	T/H TUBULAR	64479IM
M66/FTF	12	35	GU4	2-3500	35 MM DICHROIC	-	M114U	12	100	G53	2000	111 MM AL/REF	41850SP
M66U	12	35	GU4	2-3500	35 MM DICHROIC	-	M116	6	35	GY6.35	2000	CAPSULE	RJY3506AX
M67	24	100	GY6.35	2000	CAPSULE	M90	M120	12	100	GY6.35	2000	CAPSULE	HLX64623
M68/ESX	12	20	GU5.3	2-5000	50 MM DICHROIC	-	M124FX	12	5	B10d	2000	AUTO	64124MFX
M68U	12	20	GU5.3	2-5000	50 MM DICHROIC	-	M125	4	.85A	E10	25	T/H TORCH	6405930
M69/BAB	12	20	GU5.3	2-5000	50 MM DICHROIC	-	M126	5.2	.85A	E10	25	T/H TORCH	6406530
M69U	12	20	GU5.3	2-5000	50 MM DICHROIC	-	M128	6	10	PG22	300	CAPSULE	64222
M70/FMV	12	35	GU5.3	2-5000	50 MM DICHROIC	-	M129	12	20	Cbl Lds	2000	TRAFFIC SIGNAL	64002
M70U	12	35	GU5.3	2-5000	50 MM DICHROIC	-	M130	12	30	G6.35	50	CAPSULE	64261
M71/FMT	12	35	GU5.3	2-5000	50 MM DICHROIC	-	M131 (White)	6	35	G4	50	35 MM REFLECTOR	64600
M71U	12	35	GU5.3	2-5000	50 MM DICHROIC	-	M132 (Blue)	6	35	G4	50	35 MM REFLECTOR	64601



'M' Class Display Lamps

All dimensions in millimetres



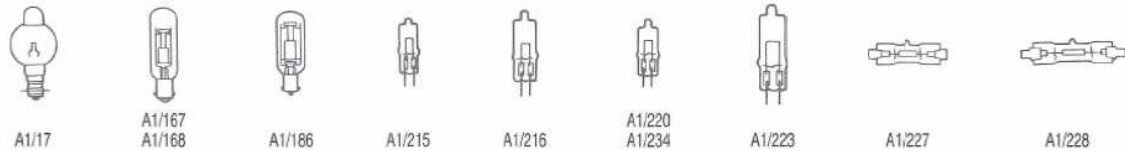
Reference	Volts	Watts	Base	Rated Av. Life Hrs	Lamp Style	Equiv.
M133	10	50	PKX22S	6000	TRAFFIC SIGNAL	64015
M134	12	50	GY6.35	1100	CAPSULE	64602
M135	10	50	Cbl Lds	2000	TRAFFIC SIGNAL	64004
M136 (Blue)	12	75	G5.3-4.8	25	35 MM REFLECTOR	64613
M137	6	35	G4	100	CAPSULE	64275
M148	12	20	GU4	3500	35 MM DICHROIC	NEODYMIUM
M149	15	150	GZ6.35	50	50 MM IR	64635
M150C	240	150	E27	2000	T/H TUBULAR	64478KL
M150P	240	150	E27	2000	T/H TUBULAR	64478IM
M151C	240	250	E27	2000	T/H TUBULAR	64480KL
M151P	240	250	E27	2000	T/H TUBULAR	64480IM
M152U	12	100	G53	2000	111 MM AL/REF	41850FL
M153	12	35	GY6.35	2000	CAPSULE	
M154U	12	75	GY6.35	2000	CAPSULE	M73
M155U	12	20	BA15d	2000	70 MM AL/REF	4197CSP
M156U	12	20	BA15d	2000	70 MM AL/REF	41970FL
M157U	12	50	BA15d	2000	70 MM AL/REF	4199CSP
M158U	12	50	BA15d	2000	70 MM AL/REF	41990FL
M161U	12	20	G53	2000	111 MM AL/REF	41835FL
M162U	12	75	G53	2000	111 MM AL/REF	41840FL
M163U	6	35	G53	2000	111 MM AL/REF	41830SSP
M169 (UV)	12	75	G5.3-4.8	25	35 MM REFLECTOR	HLX64614
M170U/FTH/CG	12	35	GU4	2000	35 MM DICHROIC	M323U
M171U	12	35	GU4	2000	35 MM DICHROIC	M471U
M172U	12	50	GU4	2000	35 MM DICHROIC	M472U
M173U	12	50	GU4	2000	35 MM DICHROIC	M473U
M174C	240	150	B15d	2000	T/H TUBULAR	64477KL
M174F	240	150	B15d	2000	T/H TUBULAR	64477IM
M175U } being delisted	12	20	GY4	2000	48 MM AL/REF	41905SP
M176U }	12	20	GY4	2000	48 MM AL/REF	41905FL
M178	12	50	BA15d	2000	70 MM AL/REF	41995FL
M179	12	20	G4	2000	CAPSULE	
M180	12	100	GY6.35	2000	CAPSULE	M28
M180S	12	100	GY6.35	2000	CAPSULE	13752
M180U	12	100	GY6.35	2000	CAPSULE	64458U
M182C	240	100	E27	2000	T/H TUBULAR	64476KL
M182P	240	100	E27	2000	T/H TUBULAR	64476IM
M183C	240	150	E27	2000	T/H TUBULAR	64474KL
M183P	240	150	E27	2000	T/H TUBULAR	64474IM
M184	24	150	G6.35	300	CAPSULE	HLX64542
M185	12	30	PG22	50	CAPSULE	64260
M189U(BLUE)	12	50	GU5.3	3000	50 MM DICHROIC	12° SPOT
M189U(GREEN)	12	50	GU5.3	3000	50 MM DICHROIC	12° SPOT
M189U(RED)	12	50	GU5.3	3000	50 MM DICHROIC	12° SPOT
M189U(YELLOW)	12	50	GU5.3	3000	50 MM DICHROIC	12° SPOT
M190U	12	20	GU5.3	3000	50 MM DICHROIC	41865VWFL
M191U	12	100	G53	2000	111 MM AL/REF	41850WFL
M196	24	150	GY6.35	2000	CAPSULE	
M197U Natura	12	50	GU5.3	3000	50 MM DICHROIC	M105
M199/FTH	12	35	GU4	3000	35 MM DICHROIC	M170
M200	12	10	GU4	3000	35MM DICHROIC	
M220U	12	20	GU4	2000	35 MM DICHROIC	(M251)
M221U	12	20	GU4	2000	35 MM DICHROIC	(M262)
M222U	12	35	GU4	3000	35 MM DICHROIC	(M266)
M223U	12	35	GU4	3000	35 MM DICHROIC	
M224U	12	35	GU4	3000	50 MM DICHROIC	44865VWFL
M249(EXT/CG)	12	50	GU5.3	2-5000	50 MM DICHROIC	
M249U	12	50	GU5.3	2-5000	50 MM DICHROIC	
M250U	12	50	GU5.3	2-5000	50 MM DICHROIC	
M250(EXT/CG)	12	50	GU5.3	2-5000	50 MM DICHROIC	
M251(FTC/CG)	12	20	GU4	2000	35 MM DICHROIC	
M252(FTB/CG)	12	20	GU4	2000	35 MM DICHROIC	

Reference	Volts	Watts	Base	Rated Av. Life Hrs	Lamp Style	Equiv.
M252U	12	20	GU4	2000	35 MM DICHROIC	
M258(EXN/CG)	12	50	GU5.3	2-5000	50 MM DICHROIC	
M258U	12	50	GU5.3	2-5000	50 MM DICHROIC	
M260(EYF/CG)	12	75	GU5.3	2-5000	50 MM DICHROIC	
M260U	12	75	GU5.3	2-5000	50 MM DICHROIC	
M261(EYC/CG)	12	75	GU5.3	2-5000	50 MM DICHROIC	
M261U	12	75	GU5.3	2-5000	50 MM DICHROIC	
M262(FTD/CG)	12	20	GU4	2000	35 MM DICHROIC	
M264(FTA/CG)	12	12	GU4	2000	50 MM DICHROIC	
M265(FTE/CG)	12	35	GU4	2000	35 MM DICHROIC	
M265U	12	35	GU4	2000	35 MM DICHROIC	
M266(FTF/CG)	12	35	GU4	2000	35 MM DICHROIC	
M268(ESX/CG)	12	20	GU5.3	2-5000	50 MM DICHROIC	
M268U	12	20	GU5.3	2-5000	50 MM DICHROIC	
M269(BAB/CG)	12	20	GU5.3	2-5000	50 MM DICHROIC	
M269U	12	20	GU5.3	2-5000	50 MM DICHROIC	
M270(FMV/CG)	12	35	GU5.3	2-5000	50 MM DICHROIC	
M270U	12	35	GU5.3	2-5000	50 MM DICHROIC	
M271(FMT/CG)	12	35	GU5.3	2-5000	50 MM DICHROIC	
M271U	12	35	GU5.3	2-5000	50 MM DICHROIC	
M280(FNV/CG)	12	50	GU5.3	2-5000	50 MM DICHROIC	
M280U	12	50	GU5.3	2-5000	50 MM DICHROIC	
M281(FMW/CG)	12	35	GU5.3	2-5000	50 MM DICHROIC	
M281U	12	35	GU5.3	2-5000	50 MM DICHROIC	
M282(EYJ/CG)	12	75	GU5.3	2-5000	50 MM DICHROIC	
M282U	12	75	GU5.3	2-5000	50 MM DICHROIC	
M290U	12	20	GU5.3	3000	50 MM DICHROIC	
M294(BBF/CG)	12	20	GU5.3	3500	50 MM DICHROIC	
M302	5.2	.5A	P13.5a	15	T/H TORCH	6406310
M303	4	.85A	P13.5a	25	T/H TORCH	6405910
M312	12	20	GY6.35	2000	CAPSULE	
M313	12	75	GY6.35	2000	CAPSULE	
M315(EZX/FG)	12	20	GX5.3	3000	50 MM DICHROIC	13717
M316(FMT/FG)	12	35	GX5.3	3000	50 MM DICHROIC	13669
M320U	12	20	GU4	2000	35 MM DICHROIC	M51
M321U	12	20	GU4	2000	35 MM DICHROIC	M62
M322U	12	35	GU4	3000	35 MM DICHROIC	M66
M323U	12	35	GU4	3000	35 MM DICHROIC	M170
M324U	12	35	GU4	3000	50 MM DICHROIC	
M325	12	35	GX5.3	3000	50MM DICHROIC	
M326	6	10	GX4	2000	CAPSULE	
M327	12	5	G4	2000	CAPSULE	M9
M328	12	10	G4	2000	CAPSULE	M91
M329	12	20	G4	2000	CAPSULE	M47
M349(EXT/FG)	12	50	GX5.3	3000	50 MM DICHROIC	13670
M350(EXT/FG)	12	50	GX5.3	3000	50 MM DICHROIC	13674
M351U	12	35	G53	2000	111 MM AL/REF	41832NSP
M352U	12	35	G53	2000	111 MM AL/REF	41832SP
M353U	12	35	G53	2000	111 MM AL/REF	41832FL
M358(EXN/FG)	12	50	GX5.3	3000	50 MM DICHROIC	13678
M368(ESX/FG)	12	20	GX5.3	3000	50 MM DICHROIC	13668
M369(BAB/FG)	12	20	GX5.3	3000	50 MM DICHROIC	13767
M370(FMV/FG)	12	35	GX5.3	3000	50 MM DICHROIC	13673
M371(FMT/FG)	12	35	GX5.3	3000	50 MM DICHROIC	13720
M380	12	50	GX5.3	3000	50MM DICHROIC	
M381(FMW/FG)	12	35	GX5.3	3000	50 MM DICHROIC	13677
M394(BBF/FG)	12	20	GX5.3	3000	50 MM DICHROIC	13672
M450	12	50	GX5.3	10,000	50MM DICHROIC	ULTRALIFE
M458	12	50	GX5.3	10,000	50MM DICHROIC	ULTRALIFE



A1 Projector Lamps

All dimensions in millimetres



Type Number	Equiv No.	Ansi	Volts	Watts	Base	Light Centre Length	Nominal Dimensions		Light Output Lumens	Avge. Life
							Dia	Length		
A1/4	6067C		12	100	P28s	55.6±0.5	29	135	2400	25
A1/4			115	100	P28s	55.6±0.5	29	135	1850	25
A1/4			250	100	P28s	55.6±0.5	29	135	1650	25
A1/7		CZX/DAB	115	500	P28s	55.6±0.5	33	135	12500	25
A1/7	6152C	DBT	240	500	P28s	55.6±0.5	33	135	11400	25
A1/9		DDB	115	750	P28s	55.6±0.5	39	140	19500	25
A1/9	6153C	DKK	240	750	P28s	55.6±0.5	39	140	18000	25
A1/17	13120C	CXR/CXL	8	50	P30s	47.0±0.5	33	96		25
A1/42		DMS	120	500	E27		60	124	13200	50
A1/42	375E		240	500	E27		60	124	13200	50
A1/45	6839C		12	100	PG22d	18.0±0.2	115	48	3000	50
A1/52			115	750	P39s	81.0±0.5	39	155	19500	25
A1/53		DEJ	115	750	P46s	59.0±0.5	39	135	19500	25
A1/53			240	750	P46s	59.0±0.5	39	135	18000	25
A1/57			115	1000	E40	120±4.0	66	240	23000	100
A1/57	297G		240	1000	E40	120±4.0	66	240	23000	100
A1/58		DRS	115	1000	P28s	55.6±0.5	66	140	28000	25
A1/58	6185C		240	1000	P28s	55.6±0.5	66	140	25000	25
A1/59		DFT	115	1000	P28s	55.6±0.5	39	140	27000	25
A1/59	7242C		240	1000	P28s	56.6±0.5	39	140	25000	25
A1/83	133W		240	200	B15d	35.0±1.0	28	90	3400	50
A1/91		DFY	115	1000	P46s	59.0±0.5	39	135	2700	25
A1/91			240	1000	P46s	59.0±0.5	39	135	2500	25
A1/121		CEB	115	100	B15d	35.0±1.0	26	78	1850	25
A1/121	6158W		240	100	B15d	35.0±1.0	26	78	1650	25
A1/145	7420C		110	1000	P36s	81.0±0.5	39	155	28000	25
A1/165	392N/8203		25	25	B15s	20.0±0.5	18.5	54		30
A1/166	HLX64665		36	400	G6.35	36	18	60	12200	300
A1/167		CEW/CFC	115	150	B15s	35.0±1.0	26	90	3000	25
A1/167	13141N		240	150	B15s	35.0±1.0	26	90	2700	25
A1/168		CGP/CGF	115	150	B15d	35.0±1.0	26	90	3500	25
A1/168	13141W		240	150	B15d	35.0±1.0	26	90	2700	25
A1/175	13140C		240	150	P28s	55.6±0.5	29	135	2700	25
A1/180		DAY/DAK	115	500	G17q	39.7±0.5	33.5	102.5	12500	25
A1/180	6282C		240	500	G17q	39.7±0.5	33.5	102.5	11400	25
A1/183		CYC	115	300	BA15s	35.0±1.0	31	81	7500	25
A1/183	7066N		240	300	BA15s	35.0±1.0	31	81	6900	25
A1/184		DCA	21.5	150	G17q	39.7±1.0	39	91		25
A1/186	7238N	BXT	12	100	B15s	35.0±1.0	26	78	2800	25
A1/187	7079C		110	750	P28s	55.6±0.5	51	140		20
A1/191		DHT	120	1200	P28s	55.6±0.5	39	140	36000	10
A1/193	7909J		12	100	B21s4Pin	29.5±0.5	26	78	2800	25
A1/194		DLS/DLG/DHX	21.5	150	G17q	39.7±1.0	48	86		25
A1/203	13116C		12	100	P30s	44	49	95		25
A1/205		CZA/CZB	240	500	G17q	39.7±1.0	33	103		25
A1/206		CWA	240	750	G17q	39.7±1.0	39	118		25
A1/208		CYS	120	1200	G17q	39.7±1.0	39	118		10
A1/212	6289C	CYN	24	150	G17q	39.7±0.5	33	103	4100	25
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
A1/218	7400C		240	2000	P40s	87.0±1.0	66	245	53000	100
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
A1/226	12098R	DWZ	30	375	R7s		14	78	7500	100
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



A1 Projector Lamps

All dimensions in millimetres



A1/229
A1/231

A1/230
A1/232



A1/166
A1/239
A1/270



A1/244
A1/247



A1/245
7804



A1/252
A1/259

Type Number	Equip No.	Ansi	Volts	Watts	Base	Light Centre Length	Nominal Dimensions		Light Output Lumens	Avge. Life
							Dia	Length		
HLX A1/234	HLX64633	EVD	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	HLX A1/239	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	7389	BCK	120	500	G17t	39.7±1.0	23	94		50
A1/241			240	500	G17t	39.7±1.0	23	94		50
A1/244			240	500	GY9.5	36.5±0.5	23	75	14000	50
A1/245			240	800	GY9.5	44.5±0.5	22	87	21500	75
A1/246	7764		24	250	G6.35		50	51		50
A1/247			120	650	GY9.5	36.5±0.5	23	75	18250	75
A1/247			240	650	GY9.5	36.5±0.5	23	75	17750	75
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
7804		DZJ	220/240	900	GY9.5	44.5	30	87		75

Recycling Containers

Storage recycling containers to accommodate used lamps, available in different shapes and sizes.

All containers are plastic with a secured lid and can be stacked.

*All types of fluorescent and sodium lamps can be placed in this container.

Container Type	Dimensions	Nominal tube capacity	Maximum lamp length
30-6	1900mm x 150mm x 150mm	150 x slim fluorescent lamps	1850mm (6ft linear lamp)
60-6	1900mm x 290mm x 150mm	60 x slim fluorescent lamps	1850mm (6ft linear lamp)
150-2	600mm x 400mm x 365mm	180 x compact lamps, 150 x slim fluorescent lamps	550mm (2ft linear lamp)
150-6	1900mm x 300mm x 300mm	150 x slim fluorescent lamps	1850mm (6ft linear lamp)
150-8*	2500mm x 300mm x 300mm	70 x 8ft or 150 slim fluorescent lamps	2467mm (8ft linear lamp)