

Lamps, Lighting

Ultraviolet Lamps

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Wavelength figures given are for approximate peak output. Hand held except LM232-14 which can also be benchstanding. For 230V 50/60Hz single phase supplies except LM197-10, LM198-13 and LM199-16 which require 4 x AA batteries not supplied and LM232-15 which incorporates a rechargeable, gel-based, lead acid battery and is supplied with a charger for 230V 50/60Hz a.c.

	Model	Wave-length nm	Relative Intensity $\mu\text{W}/\text{cm}^2$ at 75mm	Dimensions L x W x H mm
LM197-10	UVG4	254	170 Battery operated	159 x 25 x 51
LM198-13	UVL4	365	230 Battery operated	159 x 25 x 51
LM199-16	UVSL-14P	254/365	113/68 Battery operated	159 x 25 x 51
LM200-10	UVL21	365	1000	198 x 71 x 53
LM202-12	UVG11	254	1120	198 x 71 x 53
LM204-14	UVGL25	254/365	760/720	198 x 71 x 53
LM215-10	UVL56	365	1350	378 x 81 x 64
LM217-12	UVG54	254	2250	378 x 81 x 64
LM219-14	UVGL58	254/365	1350/1200	378 x 81 x 64
LM232-15	UVSL-26P	254/365	90/710 Battery operated	241 x 71 x 238

Ultraviolet Protection

Suitable eye protection must be worn when using shortwave emitting lamps. Shortwave can produce skin burns. Protective clothing or barrier creams should be worn on exposed skin areas. Avoid shining UV light on reflective surfaces. Longwave ultra-violet is considered generally harmless. However some people may be particularly sensitive and care must be exercised whenever UV light is used.

Accessory batteries

For LM197-10, LM198-13 and LM199-16

BL610-15 AA type battery (4 required for each lamp)

Ultraviolet Eye Protection

Eye Protection

Essential for anyone working with shortwave radiation which can cause a delayed reaction of 'sunburn' to unprotected eyes and skin. Also eliminates the 'blue haze' associated with long wave radiation.

Spectacles UV

Lightweight impact resistant clear polycarbonate, for occasional use. With side panels protecting against peripheral exposure.

LM370-15 UV spectacles

Goggles UV

Specially formulated, lightweight plastic construction gives optimum viewing contrast and reduced eye fatigue. Flexible rubber frame with air vents enable comfortable use over long periods, even over prescription spectacles. Provide full periphery protection.

LM370-25 UV goggles



Front: LM200/202/204 LM215/217/219 Rear: LM232-15



LM197

LM199

LM198



LM370-15

LM370-25