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**Solar 250**  
**EFFECTS PROJECTOR**



Optikinetics Solar 250, the world's most popular Effects Projector, has been produced since 1973. The projector is fitted with a Xenophot 250W M33 lamp which has a light output of 1200 lumens at lens. European safety requirements, new technology and casing modifications have been incorporated to improve the projector for the end user.

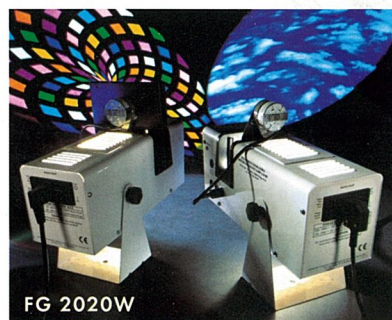
**It is lighter and brighter.** The new toroidal transformer has helped reduce weight. Plus, new optical alignment increases image brightness by up to 200 lumens, making its use in higher ambient light possible.

**It is safer.** New cooling design reduces operating and surface temperatures. A safety chain anchorage point is provided on the body of the unit. Plus, internal electrical screening has been built in to increase safety when changing the lamp or cleaning the optics.

**It is easier to use.** Case re-design with a longer lamp hatch and less grilles makes access to the lamp and optics easier and reduces light spill. To cut light spill even further on both the new and older models, a Light Guard (FG2028) is available.

**It is even more versatile.** The Solar 250 is ideal for use across a wide spectrum of applications including mobile and static entertainment and display. Particularly effective in lower ambient light conditions, the Solar 250 is compatible with all Optikinetics Effects using any of Optikinetics Effects Accessories. (Ask for our Effects Catalogue).

Custom Designed Images, to your specification, can also be created by our in-house graphics department. Your designs, imagery, messages and ideas in projected light.



**OPTIKINETICS**

# Solar 250

## accessories

### LENSES

FG6170	100mm
FG6160	85mm
FG6150	60mm
FG6110	Kaleidoscope
FG6120	Zoom Attachment

Lens used depends on desired image size and distance. See manual for details.



### PRISMS

FG6070	Flop Prism Rotator
FG6079	Animator Flop Prism Rotator
FG6080	Rotator Prisms (x4)
FG6210	2 Facet Clip-on Prism
FG6220	3 Facet Clip-on Prism
FG6230	4 Facet Clip-on Prism

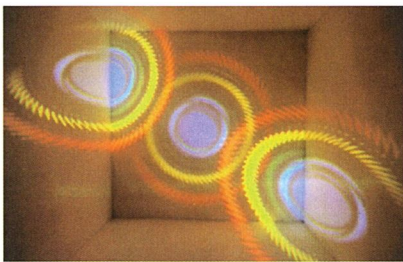
Flop Prism Rotators and Clip-on Prisms fit onto the lens of the projector. Rotator Prisms fit into Flop Prism Rotators.



### PANORAMIC ROTATOR (FG6060)

Fits onto lens of the projector. Set position is adjustable through 360°.

Rotating prism refracts projected light into 3 images. Orbits and distorts 2 images retaining integrity of central image. (Animator version - FG6069)



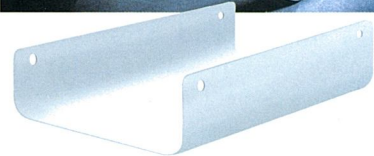
### DEFLECTOR MIRROR (FG6310)



Fits onto the lens of the projector. Set position is adjustable through 360°. The mirror's deflection angle is easily adjusted by hand.

### LIGHT GUARD (FG2028)

Fits onto the base of all Solar 250 projectors ever produced by Optikinetics to reduce light spill from the underside.



### Technical Information:

Overall size:	335mm long (without lens) x 130mm wide x 140mm deep (225mm deep with hanging bracket).		
Weight:	5.79kg.		
Standard Lens:	3 Element 85mm f2.8 42.5mm Helical Focus Groove.		
Mains voltage:	110 - 120V~ or 220 - 240V~ 50/60Hz.		
Power consumption:	350 Watts maximum.		
12V~ output current:	3 amps maximum.		
Lamp Type:	Standard:	Osram Xenophot M33.	Alternative: Iwasaki Eye.
Lamp life:		300hrs.	2000hrs.
Total lumen output:		1200 lumens with new lamp.	800 lumens with new lamp.
Colour temperature:		3300 K.	3000 K.
Cooling:	Tubeaxal Fan.		

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