FROM SPARKLING LENSES TO HEARTWARMING STORIES

If you're unlucky enough to be caught in a storm at sea,
there's nothing more reassuring than the friendly wink
from a nearby lighthouse. But have you ever stopped
to think how light can travel so far across the ocean?

It's largely down to lenses, amazing, curved, Fresnel lenses:

a complex system of multi-faceted glass prisms

mounted in a brass framework. The prisms reflect

and refract the light and magnify it, concentrate it.

The design allows the construction of lensesof large aperture and short focal length

without the mass and volume of material,

assembled in proper relationship on a flat surface.

The thin piece of plastic you are using is called

a systematic review of possible improvements.

The most widely used fixtures are key features

of the site. You can make your own.

The light shines out in a relatively narrow beam.

The turning motion is created by a clockwork system,

which operates similarly to a cuckoo clock.

What follows is a brief description.

Slowly falling weights provide the propulsion

to move a series of gears, which caused

shock within the scientific elite and offered us

third order diotropic triple flashing light.

 Rupert M Loydell