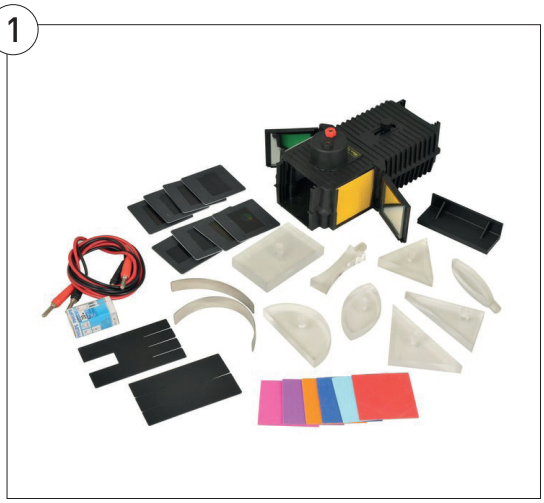
1



1. Light Box Optical Kit

This kit is very useful for reflection, refraction, and colour mixing experiments. The light box consists of a light source 12V, 24W lamp, producing convergent, divergent or parallel beam. On one end, an adjustable cylindrical convex lens (for parallel beam) and on the other end, a triple aperture system for colour mixing experiments (lateral aperture are provided with adjustable hinged mirror). All apertures in the box are provided with vertical channels to hold slit plates and colour filters. The optical set includes acrylic blocks, set of three mirrors, 2 slit black plates, one with three narrow slits at one end and one narrow slit at the other end. Another black plate with four narrow slits at one end, one wide slit at the other end and set of seven mounted colour filters. Supplied with working instructions.

Code	Pack	Price
PHY2022	Each	**£38.60**

2



2. Spare SBC Raybox Bulbs

Bulbs for use with ray optics boxes.

Code	Pack	Price
RAYBULBN	Each	**£1.10**

3

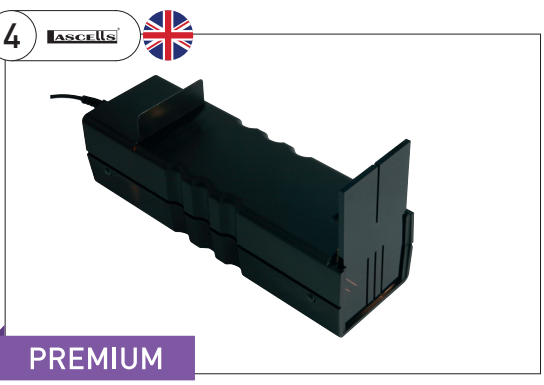


3. LED Raybox, Battery Powered

An economical metal ray box comprises of a die cast enclosure, delivers white light but runs much cooler than conventional incandescent lamp models. It uses the latest cool ultra-bright LED technology giving superior white light. Supplied complete with slit plate and its own battery power source (batteries not included).

Code	Description	Pack	Price
★ **EDU1194**	LED raybox	Each	**£17.91**
EDU1196	Spare metal slits 76 x 45mm	Each	**£1.58**
PH0600LEDBATT	Spare battery pack	Each	**£6.94**

4



4. Lascells LED Ray Box

A new design, high quality ray box for ray tracing in optics experiments. The light source is a high intensity white LED which runs at low temperature. Supplied with removable slit plate and lens to provide one or three parallel rays. The unit will operate at constant intensity from either a DC lab supply or plug top power adaptor in the range of 9 to 30V so there is no issue of overloading the unit with a standard power pack.

Code	Description	Pack	Price
PY3048	Ray box	Each	**£68.25**
PY1086	Colour filter set	Each	**£16.80**
PY1088	Slit plates	Each	**£9.45**
E1843	12-24V plug top supply	Each	**£8.58**

PREMIUM